

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027477.D
 Acq On : 16 Jun 2017 18:46
 Operator : SJ/MA
 Sample : I3646-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AD1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.188	384	391	407	rBV	1139534	2076499	7.33%	0.464%
2	7.328	573	585	593	rBV3	798704	1572242	5.55%	0.352%
3	7.527	611	619	624	rVV2	1017935	2015661	7.12%	0.451%
4	7.586	624	629	637	rVV3	1585918	2923015	10.32%	0.654%
5	8.003	690	700	704	rBV2	427722	940832	3.32%	0.210%
6	8.056	704	709	713	rVV3	477680	1008670	3.56%	0.226%
7	8.121	713	720	734	rVV3	2108678	7104384	25.09%	1.589%
8	8.644	800	809	816	rBV2	1641748	3293194	11.63%	0.736%
9	8.738	820	825	832	rVB	784733	1326377	4.68%	0.297%
10	8.885	844	850	856	rVB2	795330	1339437	4.73%	0.300%
11	9.678	979	985	989	rVV	1168080	2076904	7.33%	0.464%
12	10.189	1066	1072	1080	rVV2	582618	1089198	3.85%	0.244%
13	12.333	1426	1437	1442	rBV2	616431	1240775	4.38%	0.277%
14	12.821	1515	1520	1537	rVB6	323772	888720	3.14%	0.199%
15	13.556	1636	1645	1653	rBV	1383076	2317046	8.18%	0.518%
16	13.638	1653	1659	1666	rBV	1540481	2712663	9.58%	0.607%
17	14.425	1789	1793	1800	rVV2	649117	1153099	4.07%	0.258%
18	14.496	1800	1805	1810	rVV	611436	1052889	3.72%	0.235%
19	14.578	1810	1819	1825	rVV2	1656389	2976640	10.51%	0.666%
20	14.648	1825	1831	1837	rVV	3790553	5976987	21.10%	1.337%
21	14.713	1837	1842	1846	rVV2	535044	884378	3.12%	0.198%
22	14.801	1853	1857	1863	rVV	612981	1138331	4.02%	0.255%
23	14.901	1870	1874	1894	rVB4	489862	1190454	4.20%	0.266%
24	15.066	1895	1902	1906	rBV2	1357730	2304289	8.14%	0.515%
25	15.113	1907	1910	1916	rVB4	520163	904221	3.19%	0.202%
26	15.218	1917	1928	1936	rVV	6943396	11482709	40.55%	2.568%
27	15.336	1943	1948	1953	rVV	550850	905588	3.20%	0.203%
28	15.412	1953	1961	1966	rVV	2433732	3963559	14.00%	0.886%
29	15.677	2000	2006	2011	rVV	820703	1245800	4.40%	0.279%
30	15.865	2026	2038	2044	rBV2	537128	1160796	4.10%	0.260%
31	15.953	2047	2053	2063	rBV9	323675	956651	3.38%	0.214%
32	16.094	2071	2077	2088	rBV3	696825	1363047	4.81%	0.305%
33	16.341	2109	2119	2126	rBV5	638525	2090508	7.38%	0.468%
34	16.411	2126	2131	2140	rVB	1128360	1659231	5.86%	0.371%

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35	16.570	2149	2158	2162	rBV2	1206762	2850265	10.06%	0.637%
36	16.681	2168	2177	2182	rVB	3677661	5587095	19.73%	1.249%
37	16.787	2190	2195	2201	rBV	901683	1614993	5.70%	0.361%
38	16.928	2213	2219	2224	rBV	3686846	5206185	18.38%	1.164%
39	16.981	2224	2228	2235	rBV5	436734	964607	3.41%	0.216%
40	17.063	2235	2242	2245	rBV3	676728	1455617	5.14%	0.326%
41	17.151	2253	2257	2260	rBV2	590938	994817	3.51%	0.222%
42	17.216	2262	2268	2271	rBV3	800534	1357586	4.79%	0.304%
43	17.369	2282	2294	2297	rBV5	1157954	3262204	11.52%	0.730%
44	17.422	2297	2303	2311	rVB2	4085030	7432795	26.24%	1.662%
45	17.498	2311	2316	2320	rBV	1722823	2337573	8.25%	0.523%
46	17.557	2321	2326	2331	rVV4	663296	1419152	5.01%	0.317%
47	17.627	2331	2338	2349	rVB5	630245	1762951	6.22%	0.394%
48	17.733	2350	2356	2358	rBV	1070192	1545274	5.46%	0.346%
49	17.762	2359	2361	2365	rVB2	774810	978781	3.46%	0.219%
50	17.809	2365	2369	2375	rBV2	968778	1566667	5.53%	0.350%
51	17.945	2388	2392	2399	rBV2	2994493	5054953	17.85%	1.130%
52	18.062	2407	2412	2414	rBV4	517059	910138	3.21%	0.204%
53	18.097	2414	2418	2422	rVV4	779295	1319324	4.66%	0.295%
54	18.144	2422	2426	2433	rVV3	716001	1514440	5.35%	0.339%
55	18.332	2449	2458	2463	rBV7	1430937	4239660	14.97%	0.948%
56	18.450	2469	2478	2482	rBV4	2035351	5255368	18.56%	1.175%
57	18.532	2489	2492	2498	rVB4	1429652	2308760	8.15%	0.516%
58	18.591	2498	2502	2510	rVB3	880925	1501638	5.30%	0.336%
59	18.714	2517	2523	2535	rBV4	2117150	5208605	18.39%	1.165%
60	18.814	2536	2540	2542	rBV	1902873	2704781	9.55%	0.605%
61	18.855	2542	2547	2551	rVV3	3694786	6952029	24.55%	1.555%
62	18.896	2551	2554	2559	rVB3	2036423	3158446	11.15%	0.706%
63	18.973	2560	2567	2575	rVV9	910109	2883853	10.18%	0.645%
64	19.043	2575	2579	2585	rBV4	2275850	4604779	16.26%	1.030%
65	19.137	2586	2595	2603	rBV6	8609538	15650985	55.26%	3.500%
66	19.214	2604	2608	2611	rBV3	2245403	2856327	10.09%	0.639%
67	19.249	2612	2614	2618	rVB3	1002899	1365411	4.82%	0.305%
68	19.378	2633	2636	2638	rBV2	1198775	1507587	5.32%	0.337%
69	19.413	2639	2642	2651	rVB7	3000951	5261286	18.58%	1.177%
70	19.490	2651	2655	2662	rVB4	1674876	2864527	10.11%	0.641%
71	19.566	2664	2668	2671	rBV5	742065	1399366	4.94%	0.313%

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72	19.607	2671	2675	2679	rVV	2395247	3826913	13.51%	0.856%
73	19.672	2679	2686	2695	rVB4	2702400	6429109	22.70%	1.438%
74	19.754	2696	2700	2706	rBV5	1934150	3726991	13.16%	0.833%
75	19.825	2706	2712	2717	rBV2	10354948	18196768	64.25%	4.069%
76	19.913	2723	2727	2728	rBV3	1109935	1418419	5.01%	0.317%
77	19.948	2730	2733	2740	rVB4	1628728	2436380	8.60%	0.545%
78	20.042	2742	2749	2758	rBV5	6231005	16027127	56.59%	3.584%
79	20.124	2759	2763	2769	rBV4	2639480	5354532	18.91%	1.197%
80	20.207	2773	2777	2781	rBV2	2760007	4087171	14.43%	0.914%
81	20.254	2781	2785	2790	rVB4	2804432	4375773	15.45%	0.979%
82	20.336	2792	2799	2801	rBV5	4750783	9070884	32.03%	2.029%
83	20.442	2813	2817	2824	rBV5	4001164	8156043	28.80%	1.824%
84	20.565	2834	2838	2843	rBV6	1713109	3908910	13.80%	0.874%
85	20.747	2866	2869	2872	rBV	2459883	3282725	11.59%	0.734%
86	20.965	2900	2906	2910	rBV	7531347	16208269	57.23%	3.625%
87	21.070	2919	2924	2927	rBV2	4121828	6850777	24.19%	1.532%
88	21.111	2928	2931	2939	rVB3	4603217	8641704	30.51%	1.933%
89	21.270	2952	2958	2970	rVB5	7057332	22668067	80.04%	5.069%
90	21.376	2971	2976	2982	rBV	5991411	11631290	41.07%	2.601%
91	21.464	2988	2991	2996	rVB2	3863103	5644953	19.93%	1.262%
92	21.517	2996	3000	3004	rVB	5114331	8110642	28.64%	1.814%
93	21.570	3005	3009	3012	rBV4	2563524	4178079	14.75%	0.934%
94	21.646	3019	3022	3036	rVB	3762856	6861104	24.23%	1.534%
95	21.793	3038	3047	3052	rVB4	4106877	12760834	45.06%	2.854%
96	21.840	3052	3055	3060	rBV4	1727988	2626337	9.27%	0.587%
97	23.379	3313	3317	3326	rBV5	1964325	5661662	19.99%	1.266%
98	23.879	3393	3402	3416	rVB	8232094	28320896	100.00%	6.333%
99	24.355	3478	3483	3508	rVB3	2926164	11104689	39.21%	2.483%
100	24.742	3541	3549	3560	rVB	3781297	10403991	36.74%	2.327%

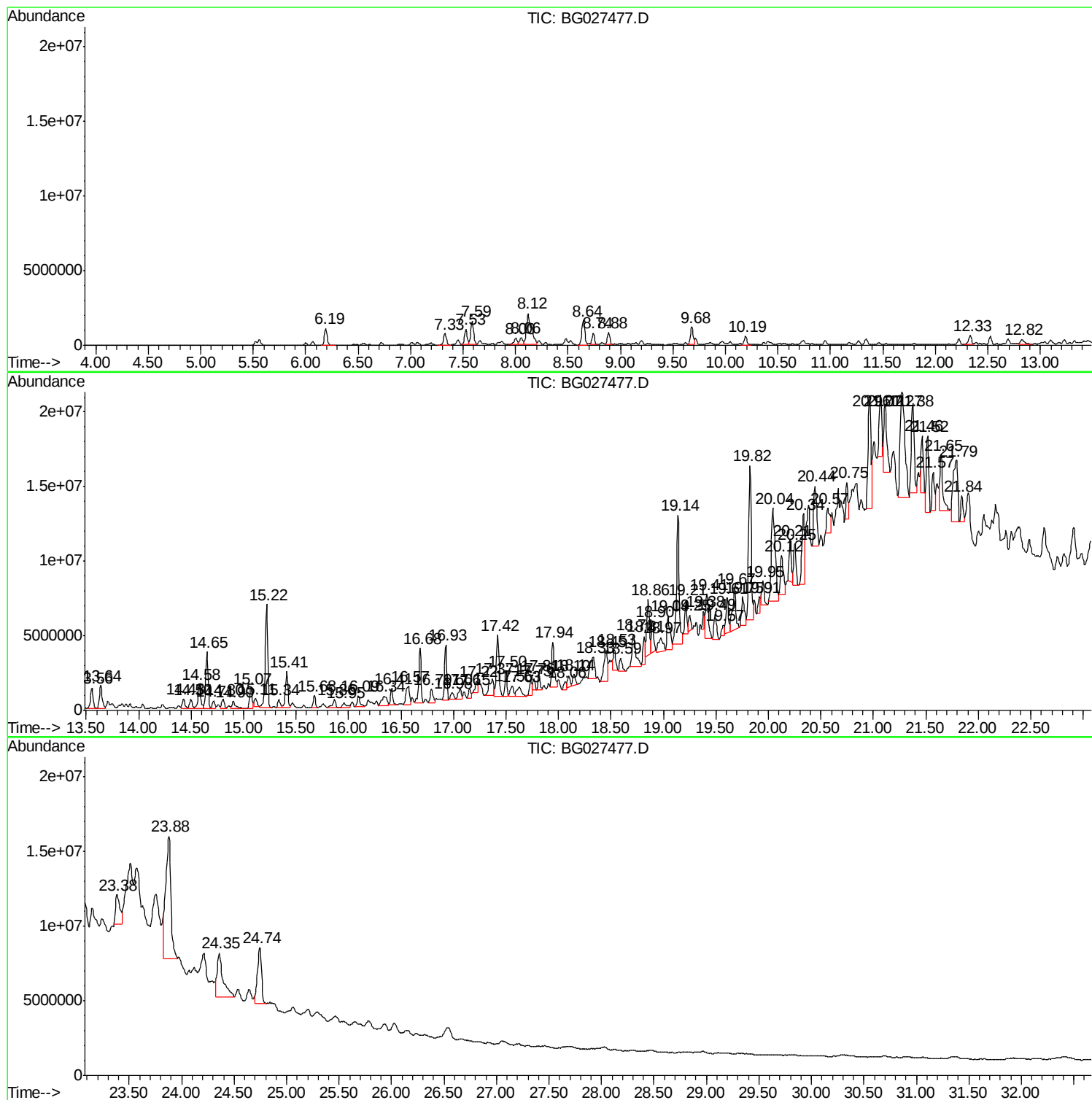
Sum of corrected areas: 447164658

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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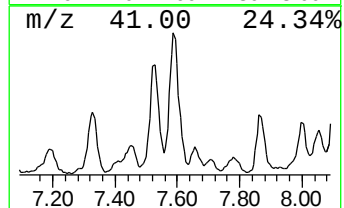
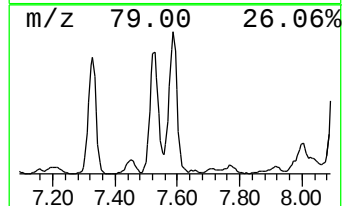
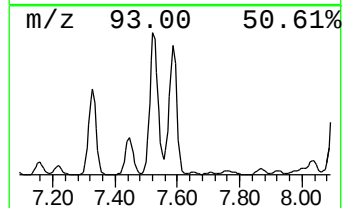
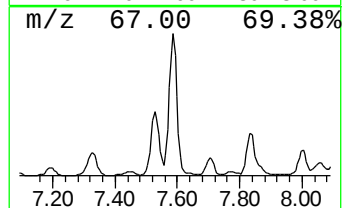
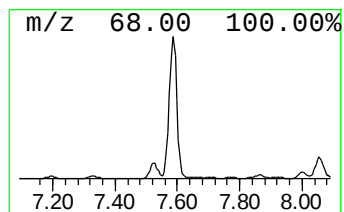
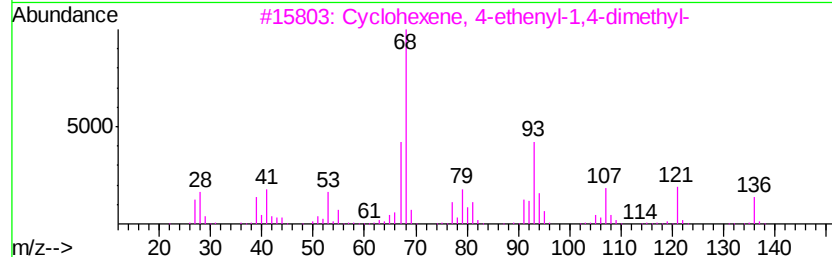
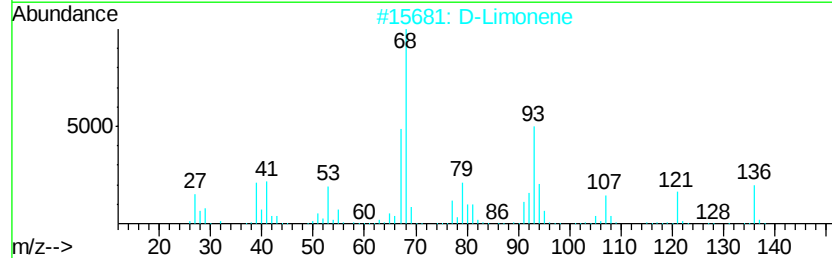
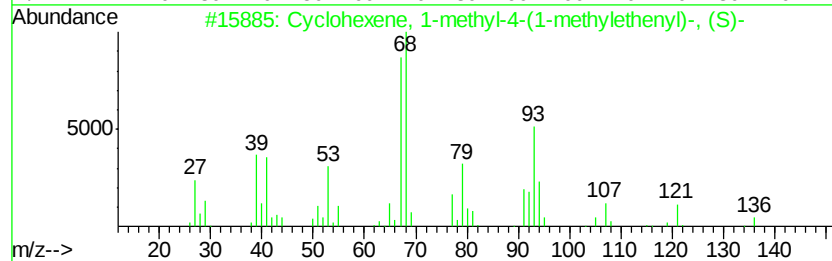
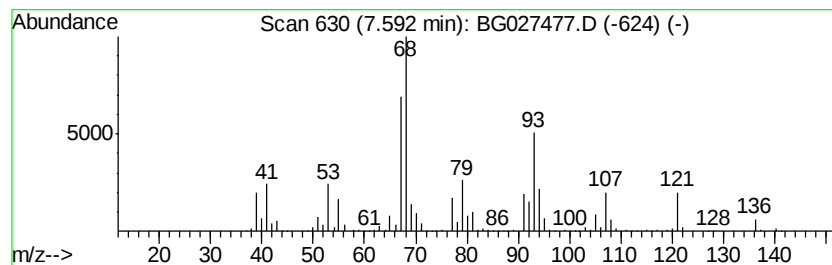
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	17.75 ng/ul	2923020	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	97
2		D-Limonene	136	C10H16	005989-27-5	90
3		Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	81
4		D-Limonene	136	C10H16	005989-27-5	80
5		D-Limonene	136	C10H16	005989-27-5	72



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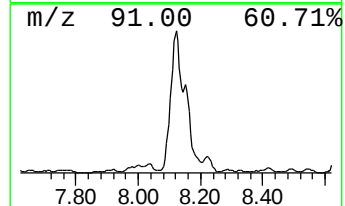
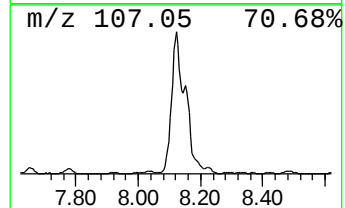
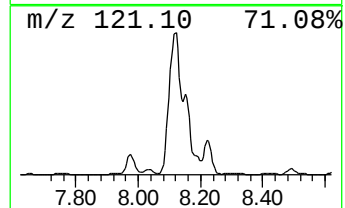
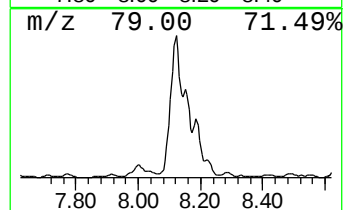
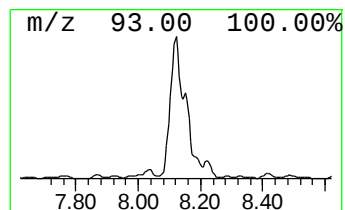
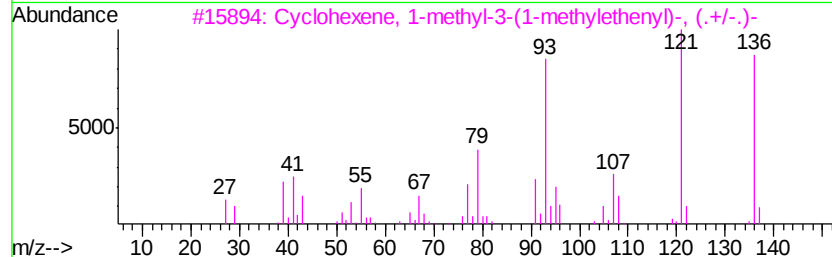
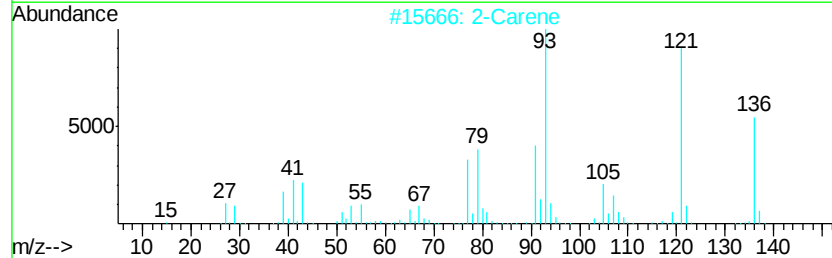
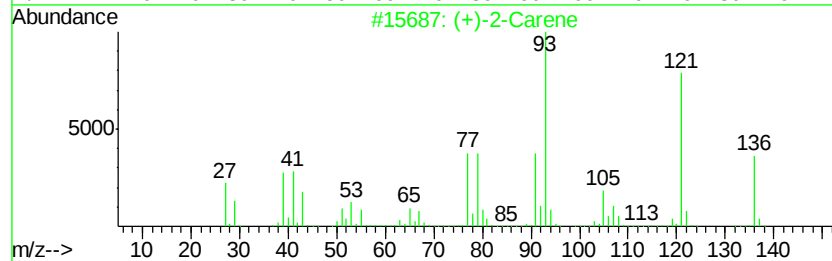
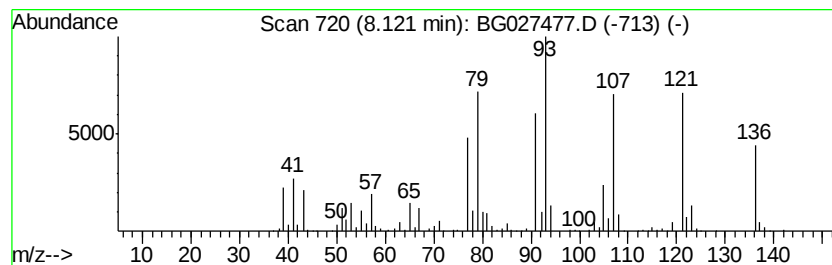
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (+)-2-Carene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	43.15 ng/ul	7104380	1,4-Dichlorobenzene-d4	8.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-2-Carene	136	C10H16	1000149-94-6	94
2			2-Carene	136	C10H16	000554-61-0	90
3			Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	87
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	81
5			3-Octen-5-yne, 2,7-dimethyl-, (Z)-	136	C10H16	028935-76-4	81



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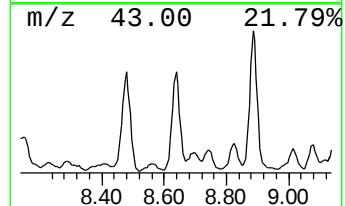
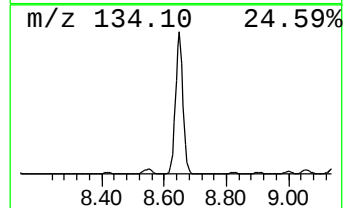
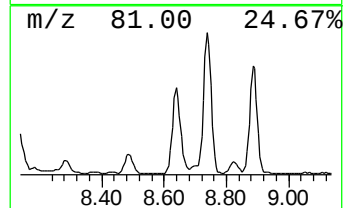
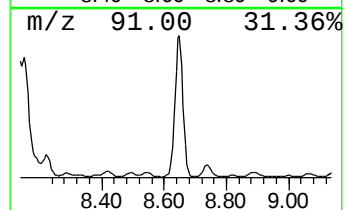
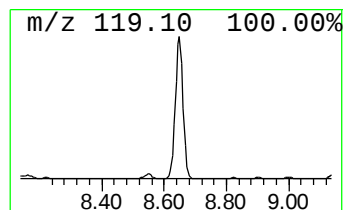
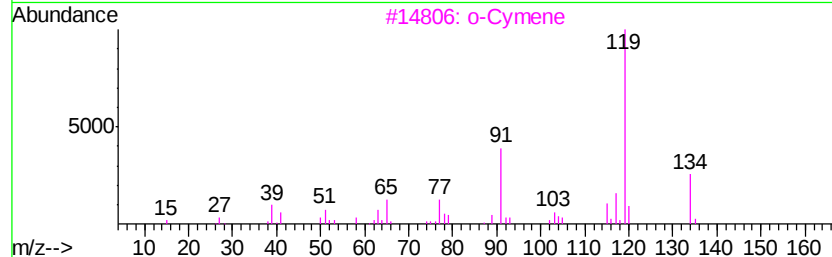
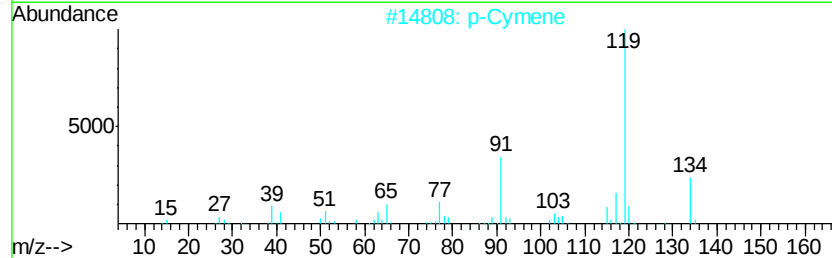
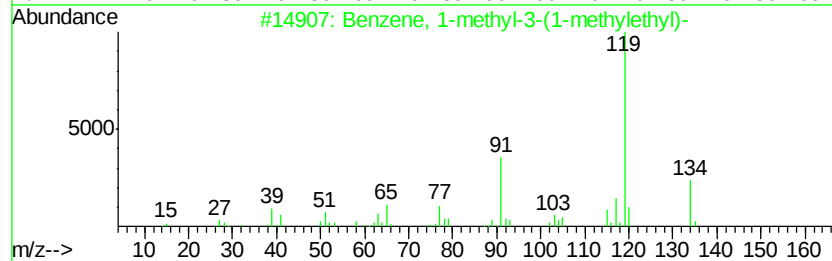
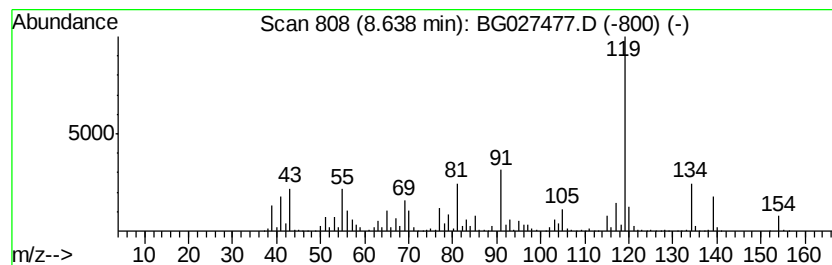
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	20.00 ng/ul	3293190	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		p-Cymene	134	C10H14	000099-87-6	94
3		o-Cymene	134	C10H14	000527-84-4	93
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87



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Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
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Instrument :
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ClientSampleId :
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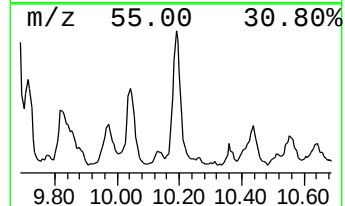
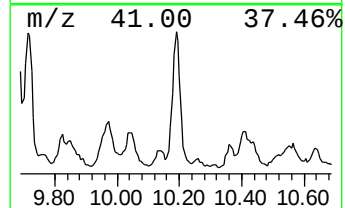
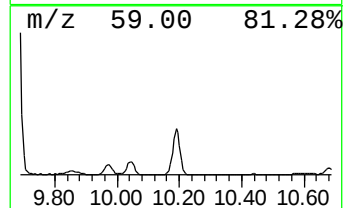
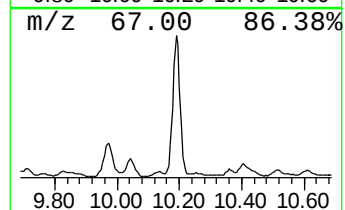
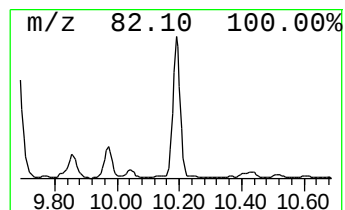
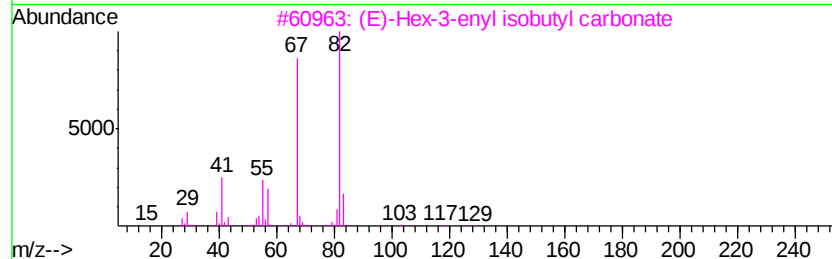
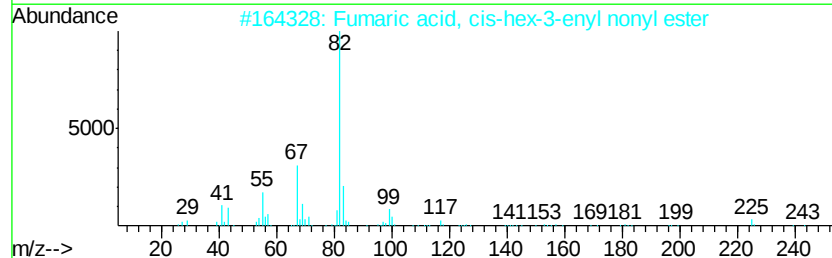
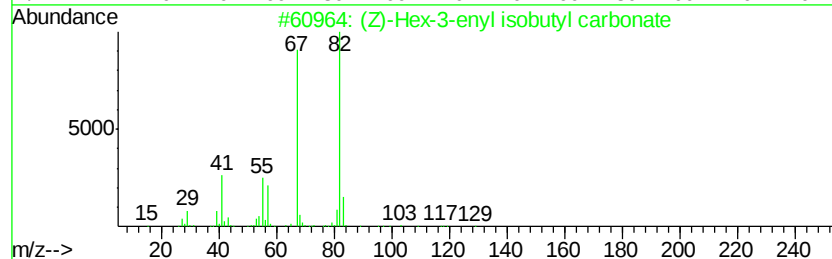
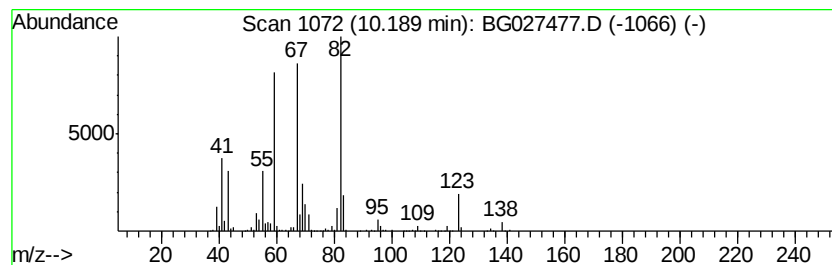
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	17.56 ng/ul	1089200	Naphthalene-d8	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(Z)-Hex-3-enyl isobutyl carbonate	200	C11H20O3	1000372-75-0	47
2		Fumaric acid, cis-hex-3-enyl non...	324	C19H32O4	1000348-86-5	47
3		(E)-Hex-3-enyl isobutyl carbonate	200	C11H20O3	1000372-74-9	47
4		(Z)-Hex-3-en-1-yl propyl carbonate	186	C10H18O3	1000372-80-5	47
5		(E)-Hex-3-en-1-yl propyl carbonate	186	C10H18O3	1000372-83-0	47



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ClientSampleId :
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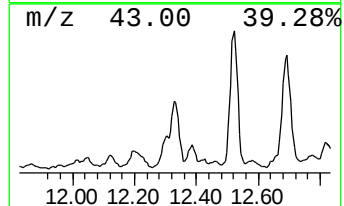
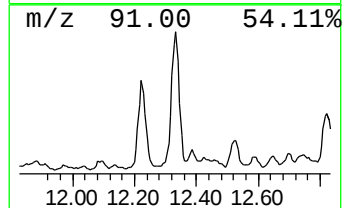
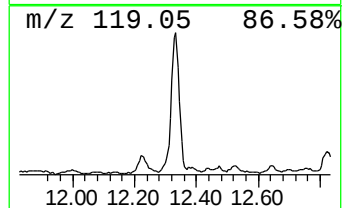
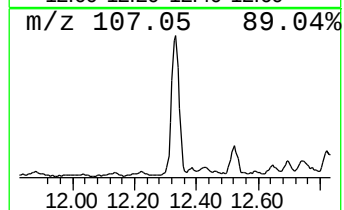
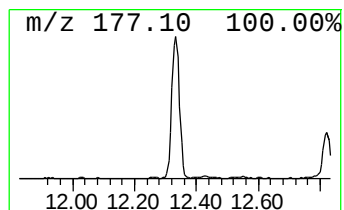
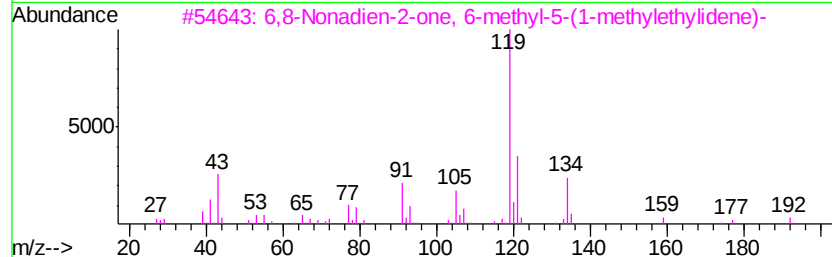
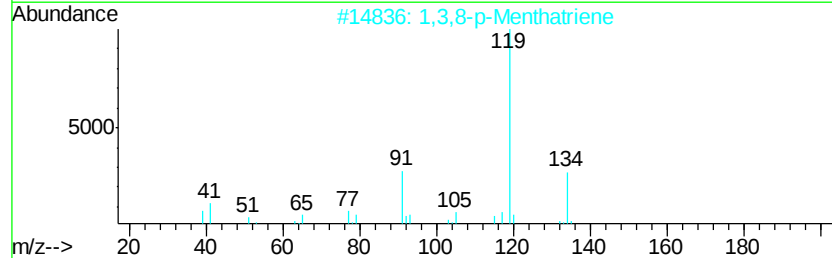
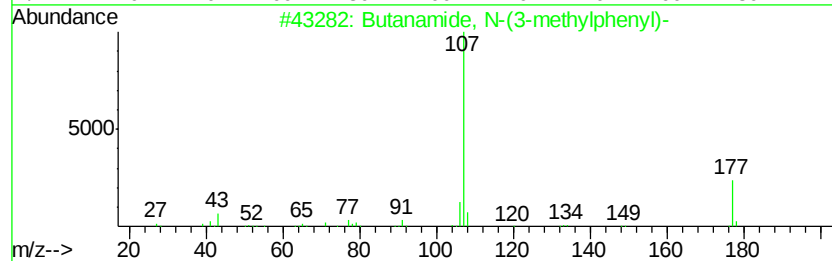
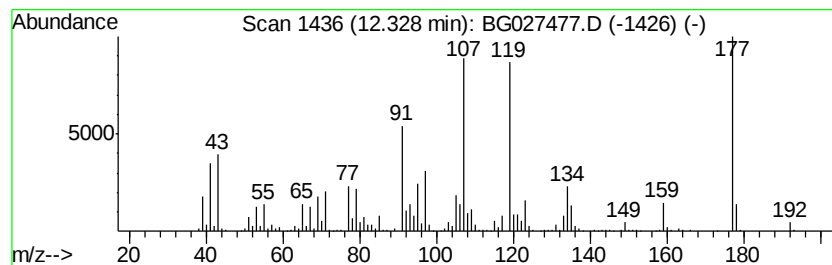
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-02 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	20.00 ng/ul	1240780	Naphthalene-d8	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanamide, N-(3-methylphenyl)-	177	C11H15NO	1000306-91-3	43
2		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	35
3		6,8-Nonadien-2-one, 6-methyl-5-(...	192	C13H20O	060714-16-1	25
4		p-Cymene	134	C10H14	000099-87-6	20
5		Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	18



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Operator : SJ/MA
Sample : I3646-02
Misc :
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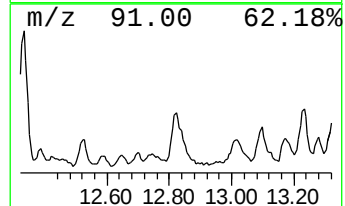
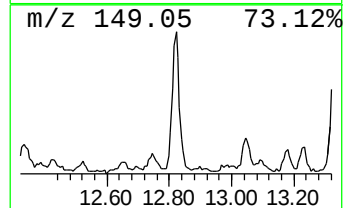
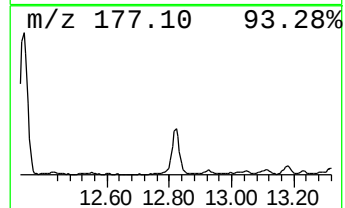
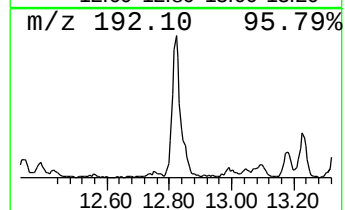
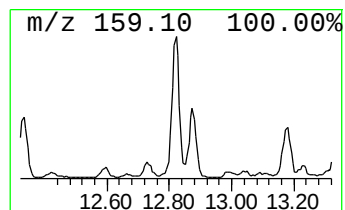
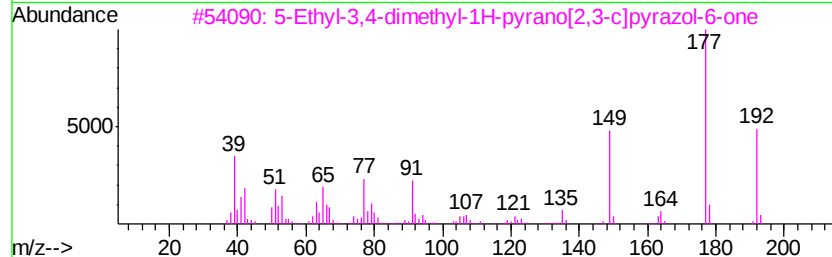
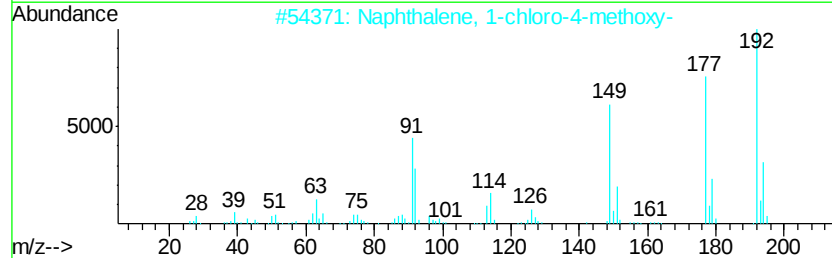
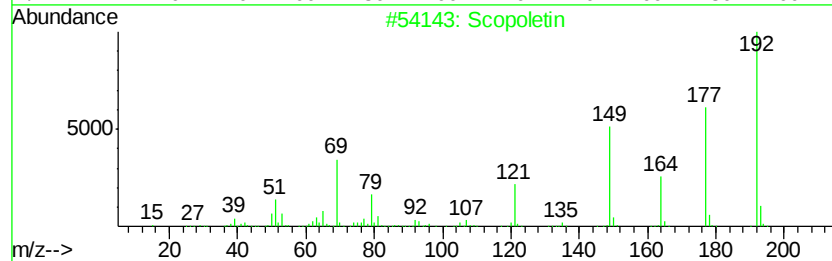
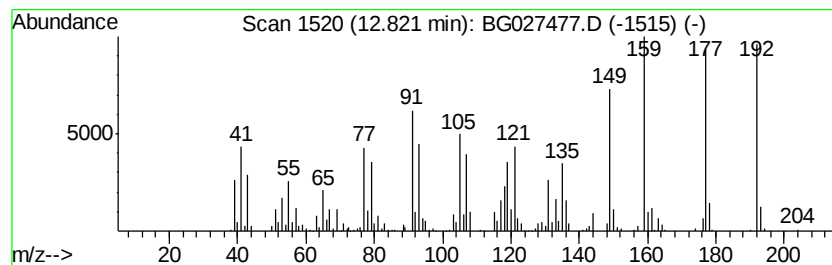
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Scopoletin Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.82	14.33 ng/ul	888720	Naphthalene-d8	11.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Scopoletin	192	C10H8O4	000092-61-5	50
2		Naphthalene, 1-chloro-4-methoxy-	192	C11H9ClO	010443-43-3	45
3		5-Ethyl-3,4-dimethyl-1H-pyrano[2...	192	C10H12N2O2	1000296-60-7	38
4		2-Benzofurancarboxylic acid, 5-m...	192	C10H8O4	1000337-71-4	30
5		5-Amino-1,4-dihydro-quinoxaline-...	177	C8H7N3O2	076097-87-5	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
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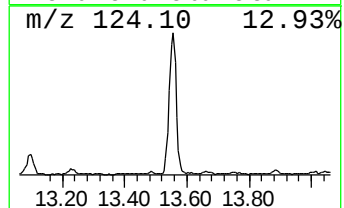
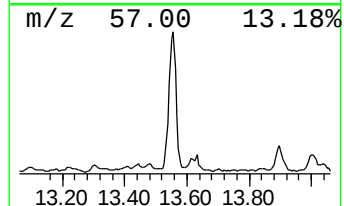
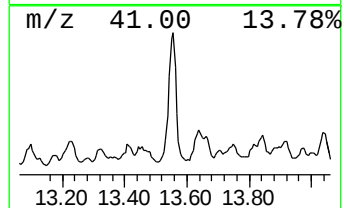
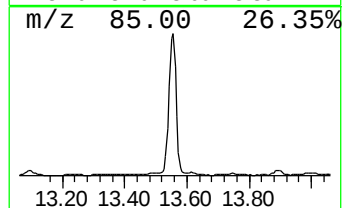
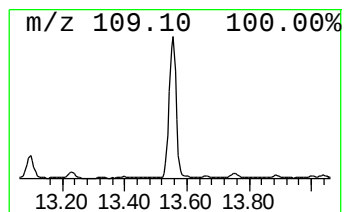
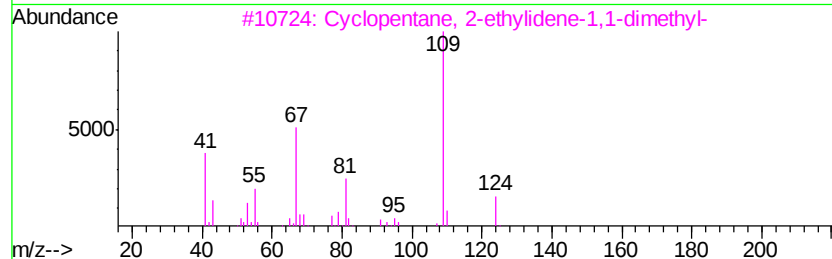
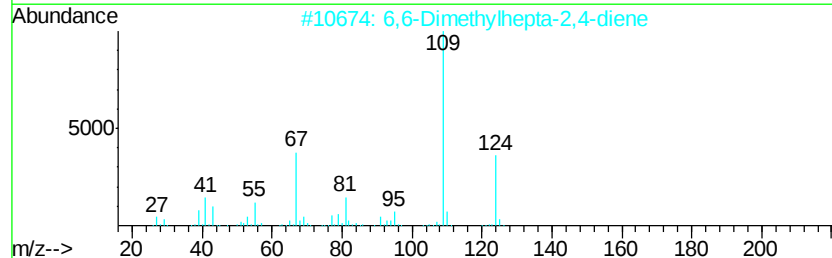
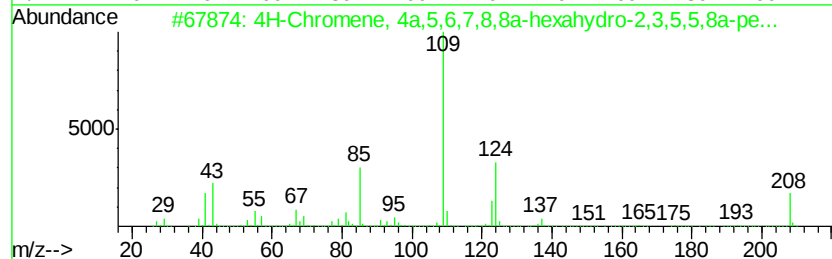
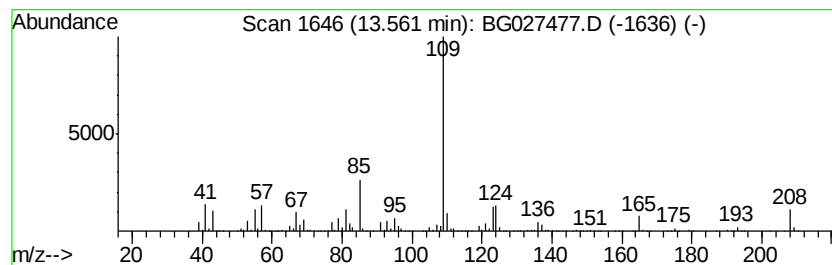
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 4H-Chromene, 4a,5,6,7,8,8a-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	51.25 ng/ul	2317050	Acenaphthene-d10	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Chromene, 4a,5,6,7,8,8a-hexah...	208	C14H24O	1000196-77-4	87
2		6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	58
3		Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	58
4		2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	52
5		2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
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Misc :
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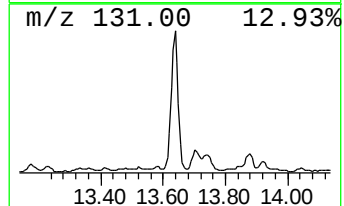
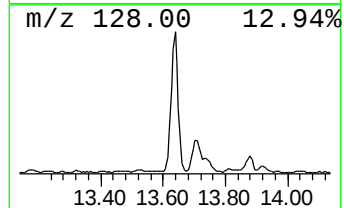
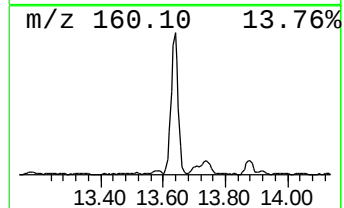
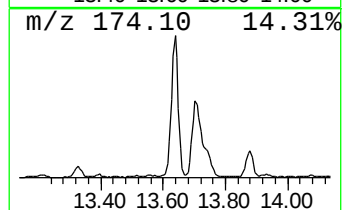
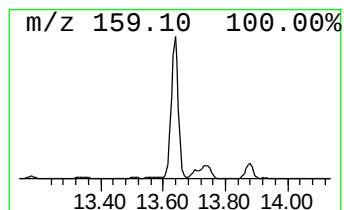
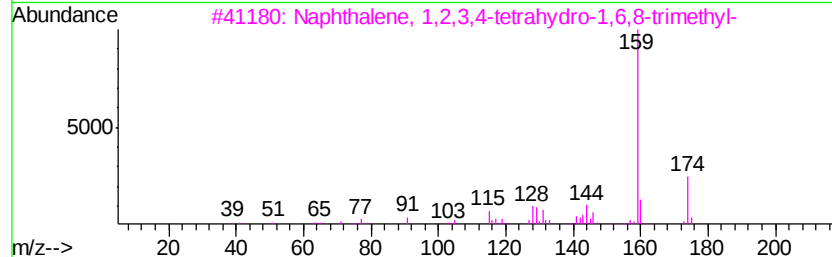
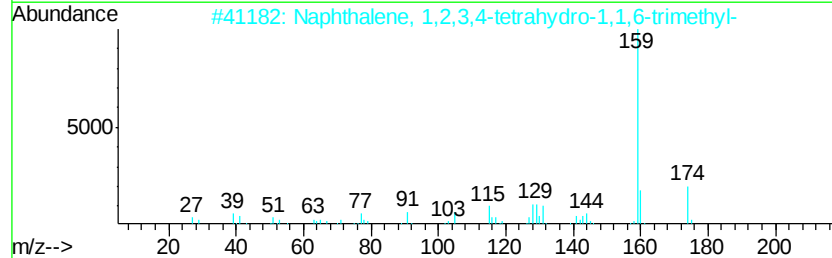
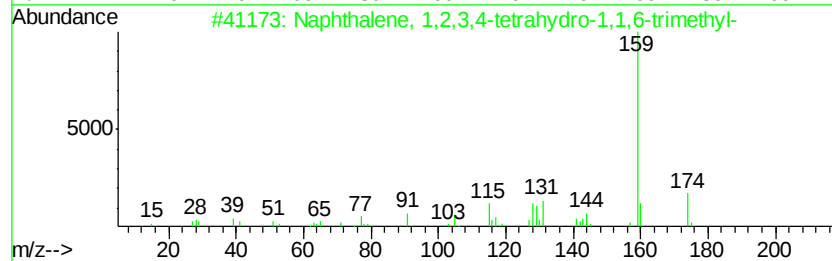
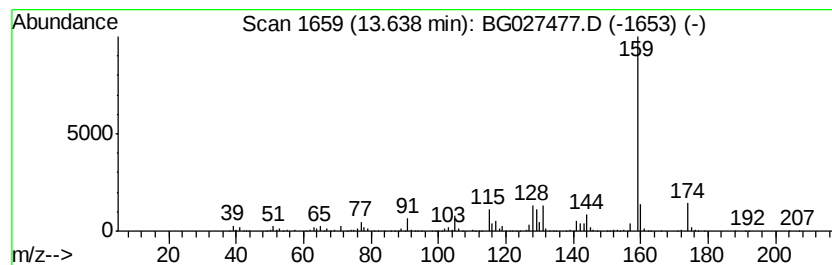
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	60.00 ng/ul	2712660	Acenaphthene-d10	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	96
3		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	94
4		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	94
5		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

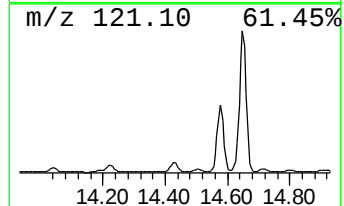
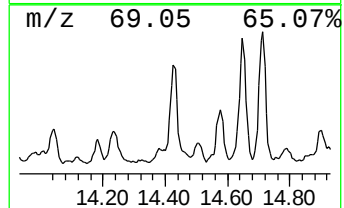
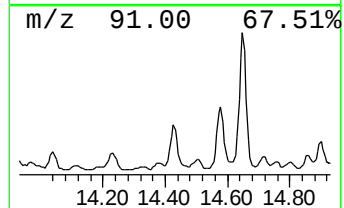
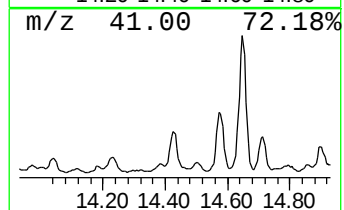
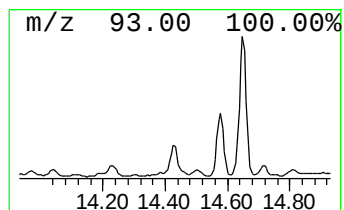
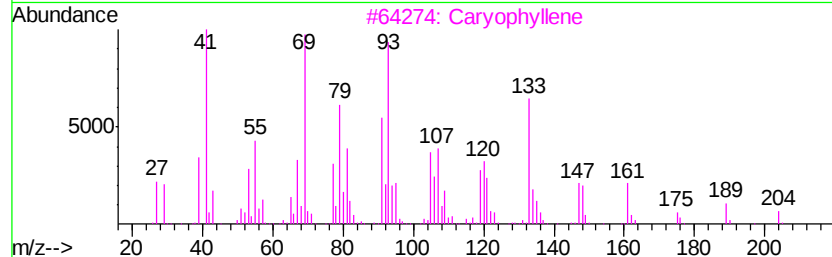
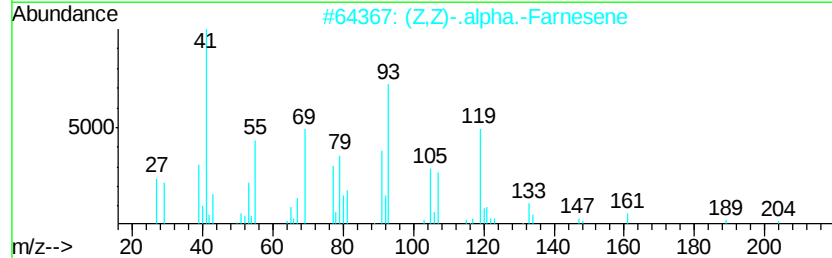
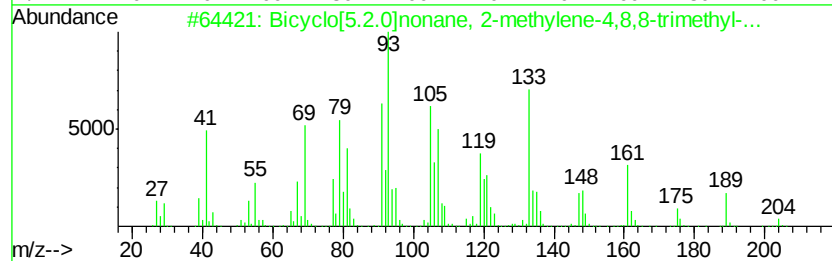
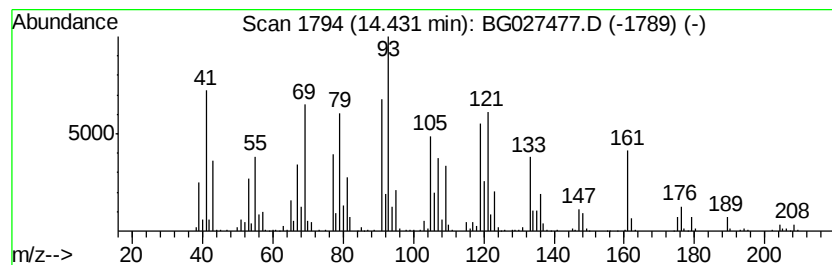
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Bicyclo[5.2.0]nonane, 2-met... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	25.50 ng/ul	1153100	Acenaphthene-d10	15.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Bicyclo[5.2.0]nonane, 2-methylen...	204 C15H24	242794-76-9	97
2	(Z,Z)-.alpha.-Farnesene	204 C15H24	1000293-03-1	49
3	Caryophyllene	204 C15H24	000087-44-5	46
4	1,3,6-Heptatriene, 2,5,6-trimethyl-	136 C10H16	042123-66-0	42
5	1,3,6,10-Dodecatetraene, 3,7,11-...	204 C15H24	026560-14-5	41



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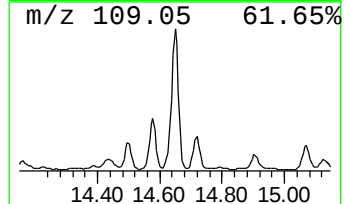
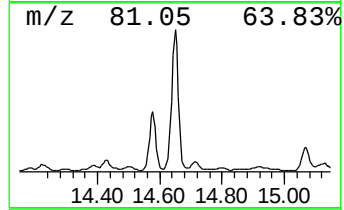
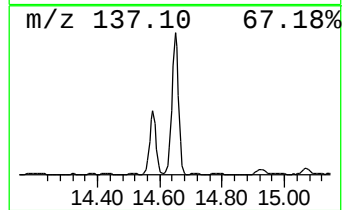
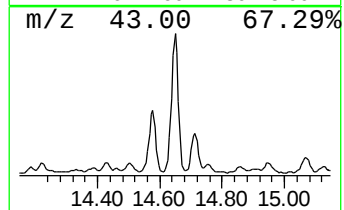
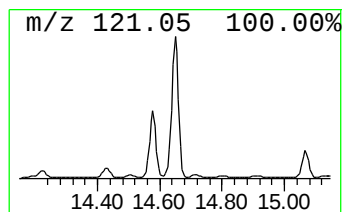
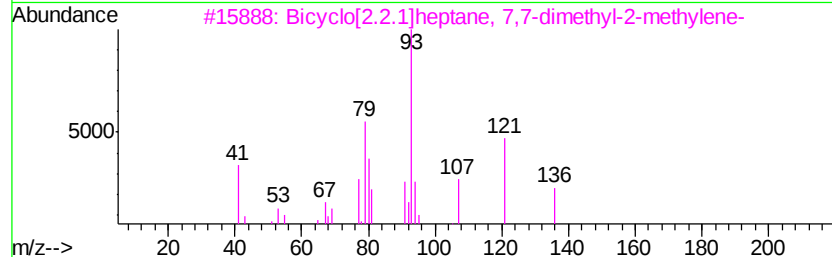
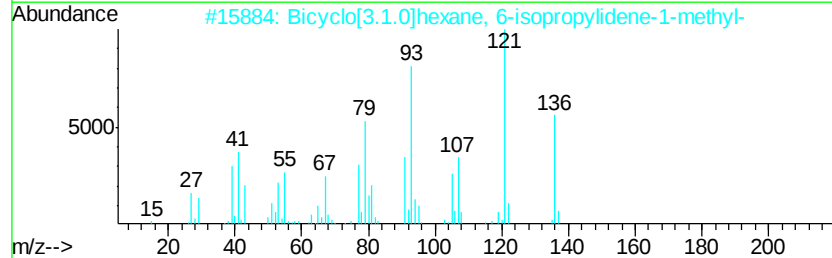
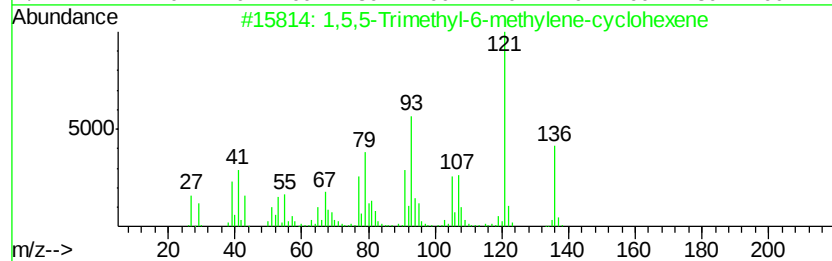
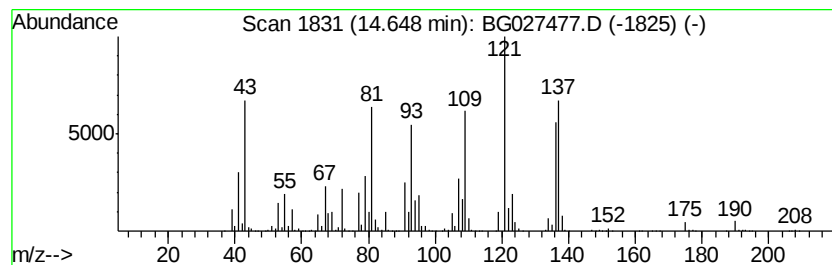
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1,5,5-Trimethyl-6-methylene... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	132.20 ng/ul	5976990	Acenaphthene-d10	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	83
2		Bicyclo[3.1.0]hexane, 6-isopropy...	136	C10H16	024524-57-0	64
3		Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	55
4		Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	53
5		Cyclohexene, 1,5,5-trimethyl-3-m...	136	C10H16	016609-28-2	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AD1

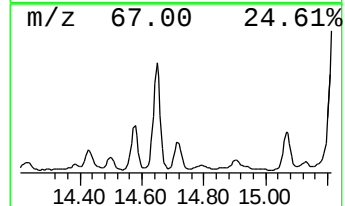
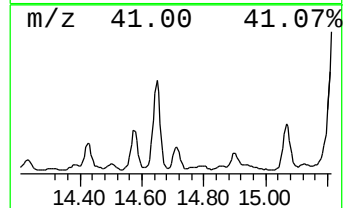
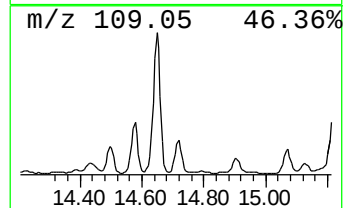
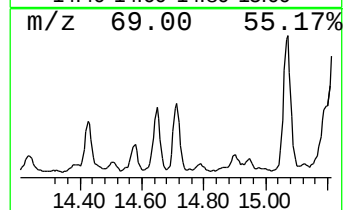
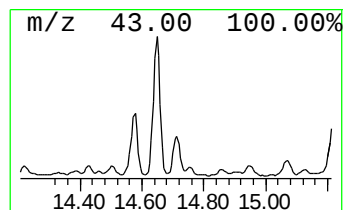
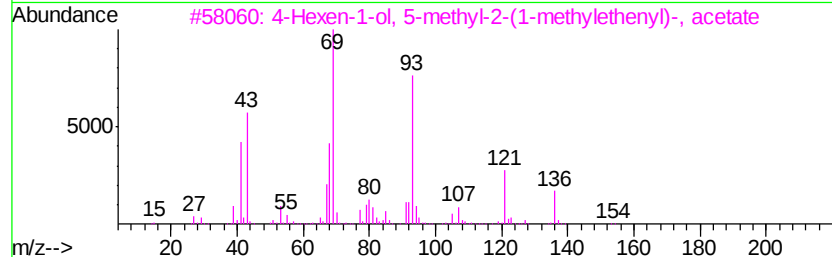
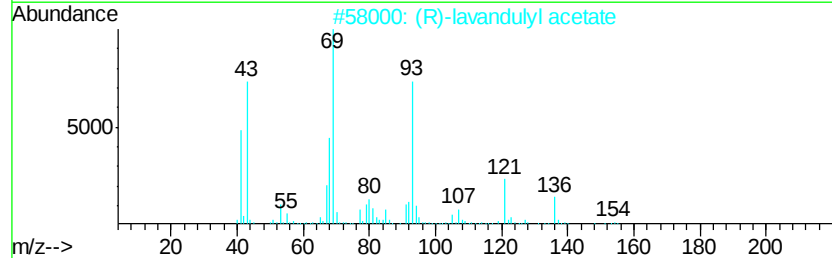
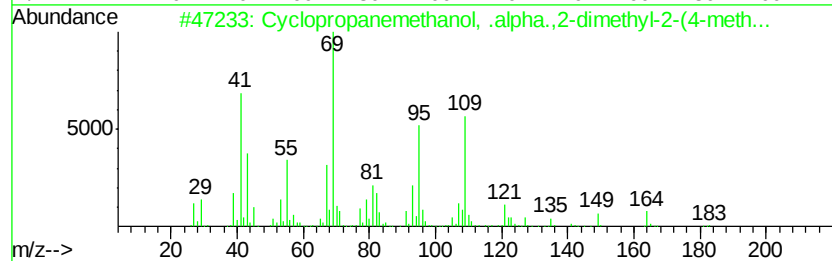
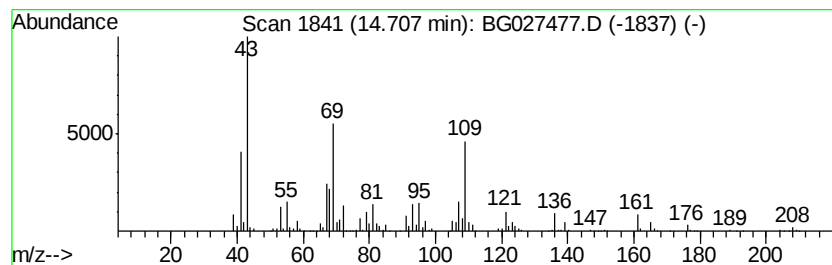
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-03 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	19.56 ng/ul	884378	Acenaphthene-d10	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	43
2		(R)-lavandulyl acetate	196	C12H20O2	1000360-39-6	27
3		4-Hexen-1-ol, 5-methyl-2-(1-meth...	196	C12H20O2	025905-14-0	27
4		2,5-Furandione, dihydro-3-(2-met...	154	C8H10O3	018908-20-8	27
5		Ethanol, 2-(3,3-dimethylcyclohex...	154	C10H18O	026532-23-0	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AD1

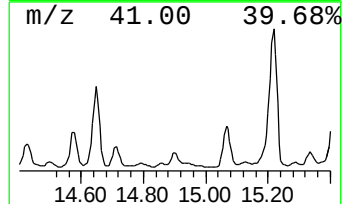
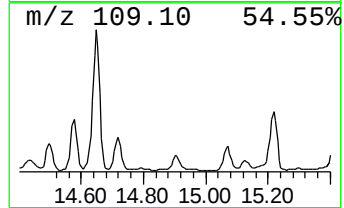
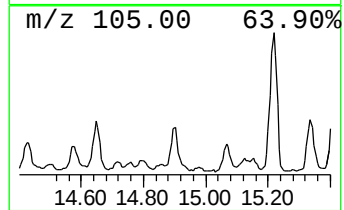
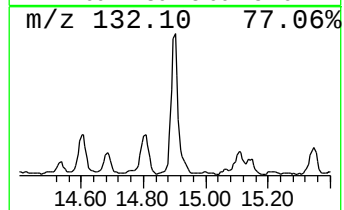
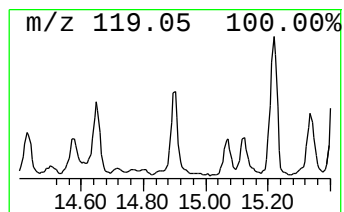
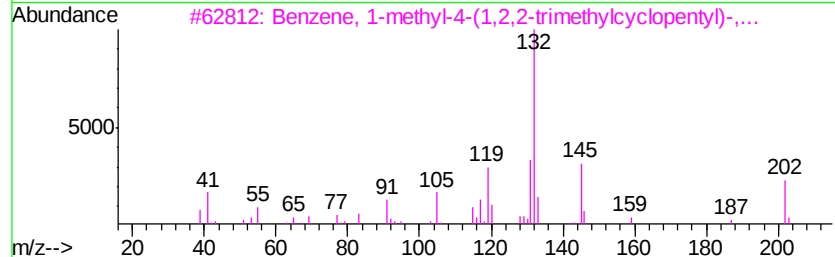
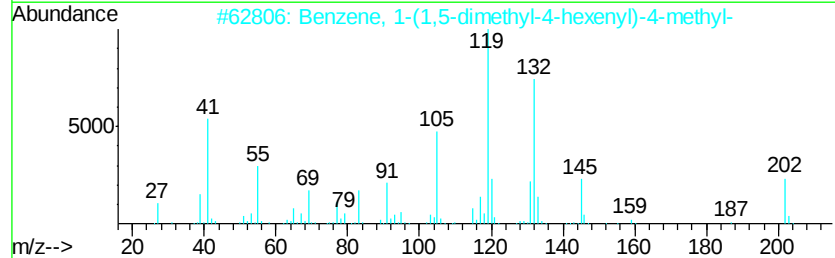
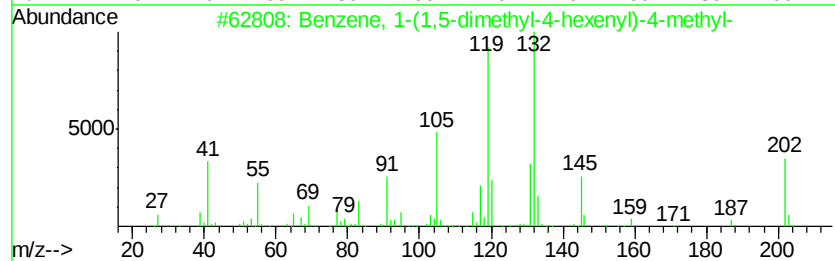
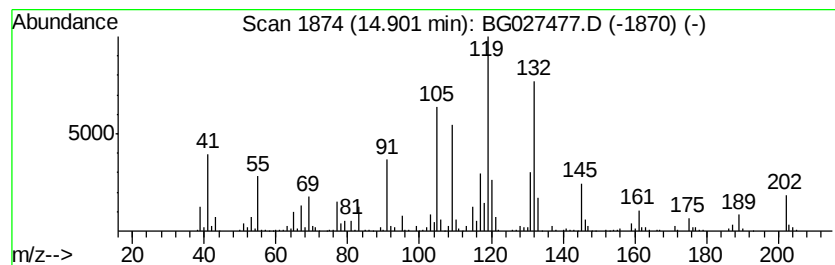
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, 1-(1,5-dimethyl-4-... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	26.33 ng/ul	1190450	Acenaphthene-d10	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1,5-dimethyl-4-hexen...	202	C15H22	000644-30-4	93
2		Benzene, 1-(1,5-dimethyl-4-hexen...	202	C15H22	000644-30-4	90
3		Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	55
4		Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	55
5		Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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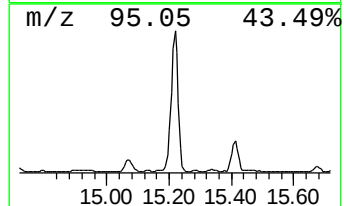
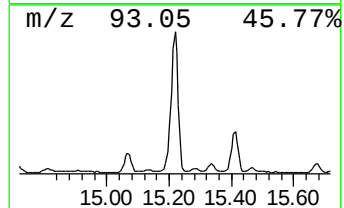
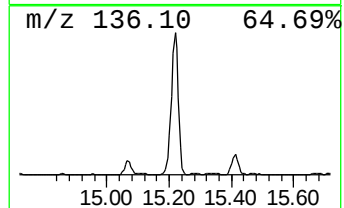
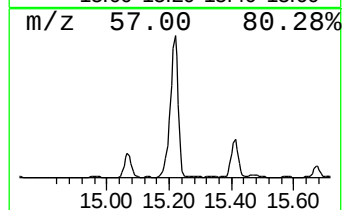
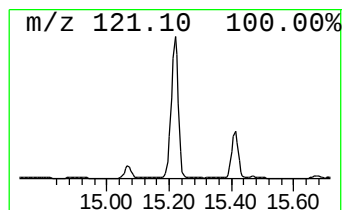
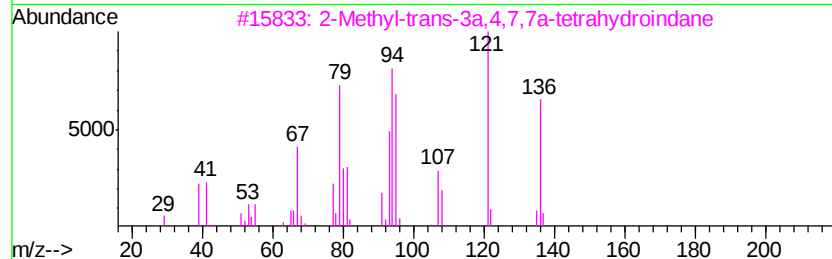
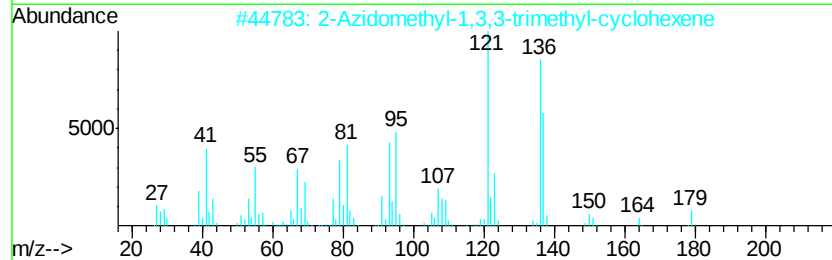
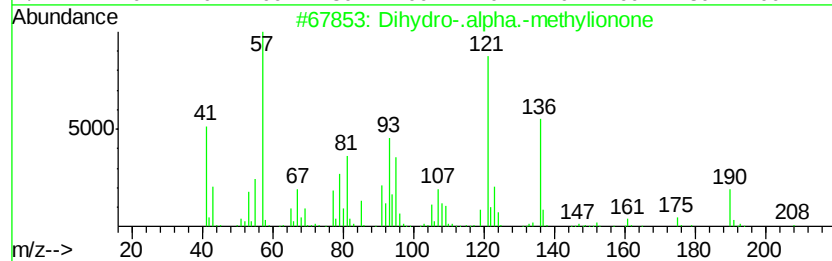
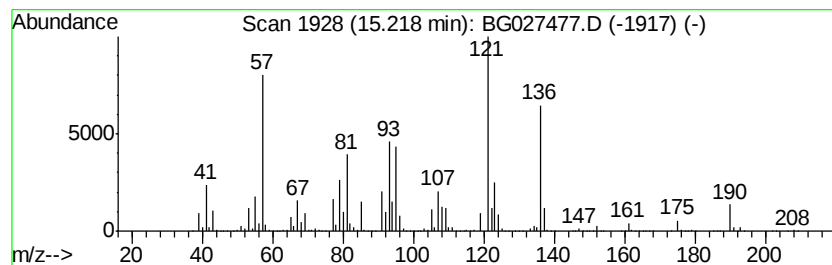
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Dihydro-.alpha.-methylionone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	253.98 ng/ul	11482700	Acenaphthene-d10	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dihydro-.alpha.-methylionone	208	C14H24O	056763-64-5	99
2		2-Azidomethyl-1,3,3-trimethyl-cy...	179	C10H17N3	090073-44-2	86
3		2-Methyl-trans-3a,4,7,7a-tetrahy...	136	C10H16	1000145-84-2	76
4		1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	76
5		3-Methyl-trans-3a,4,7,7a-tetrahy...	136	C10H16	1000145-84-3	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

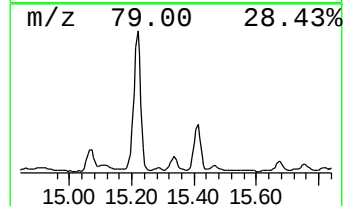
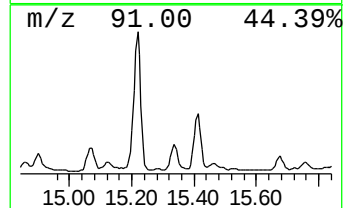
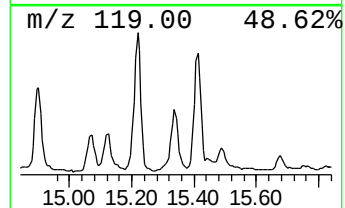
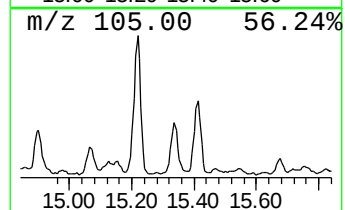
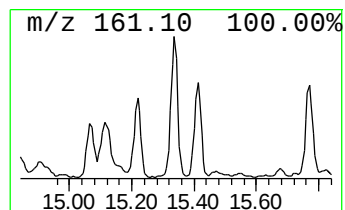
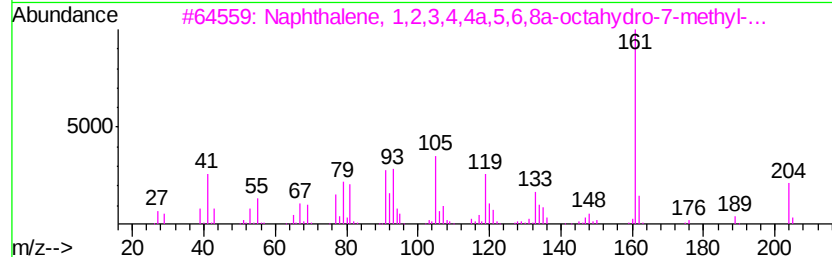
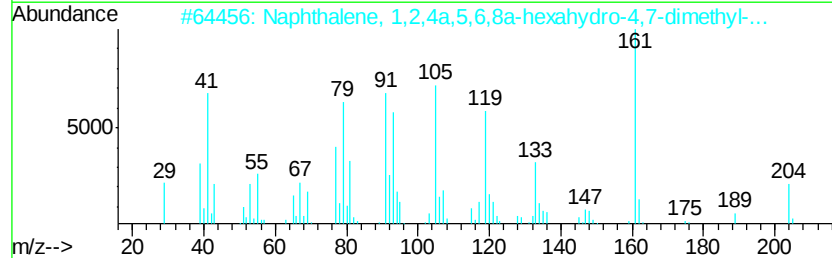
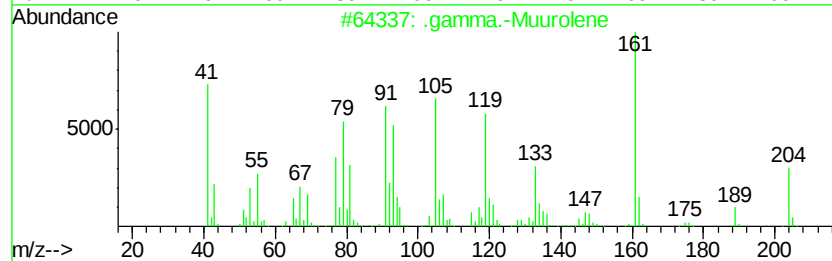
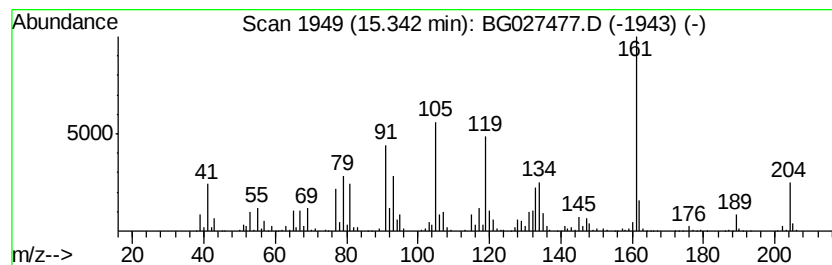
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 .gamma.-Muurolene Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	20.03 ng/ul	905588	Acenaphthene-d10	15.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Muurolene	204 C15H24	030021-74-0 95
2		Naphthalene, 1,2,4a,5,6,8a-hexah...	204 C15H24	000483-75-0 95
3		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204 C15H24	039029-41-9 90
4		Naphthalene, 1,2,3,5,6,8a-hexahy...	204 C15H24	000483-76-1 90
5		Isoledene	204 C15H24	1000156-10-8 81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AD1

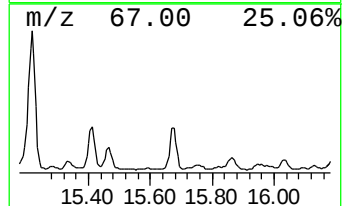
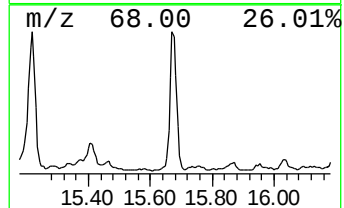
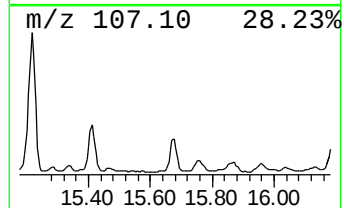
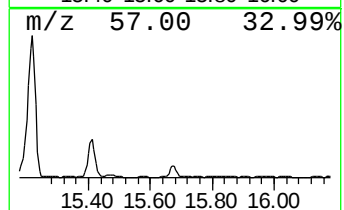
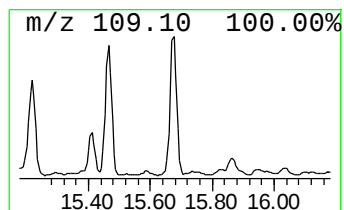
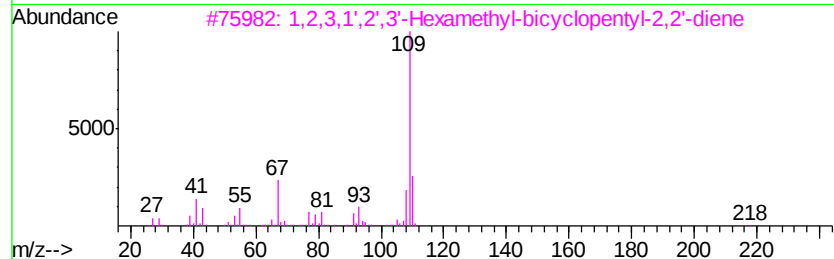
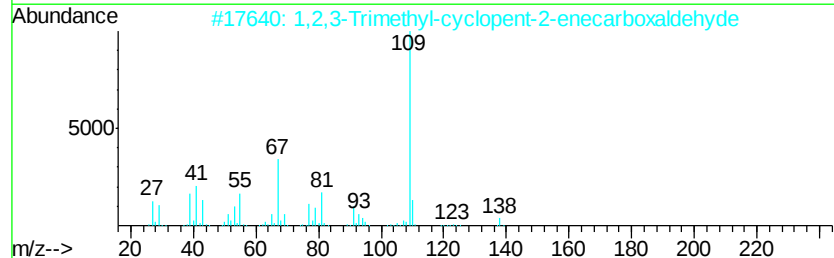
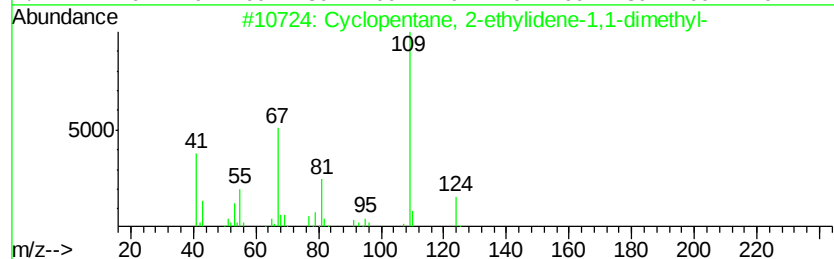
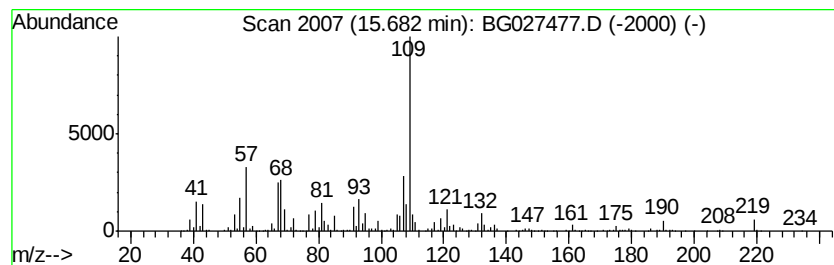
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cyclopentane, 2-ethylidene-... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	27.56 ng/ul	1245800	Acenaphthene-d10	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	50
2		1,2,3-Trimethyl-cyclopent-2-enec...	138	C9H14O	1000190-18-1	47
3		1,2,3,1',2',3'-Hexamethyl-bicycl...	218	C16H26	051999-35-0	47
4		2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	47
5		(1,2,3-Trimethyl-cyclopent-2-eny...	140	C9H16O	1000190-91-3	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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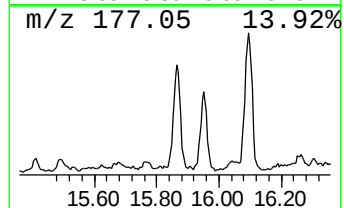
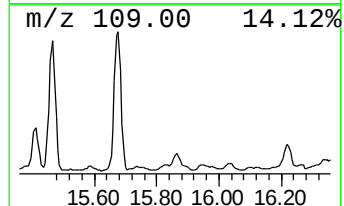
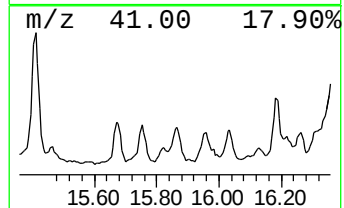
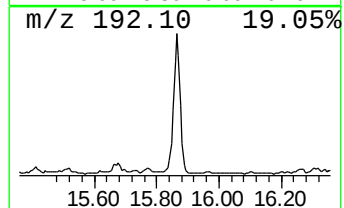
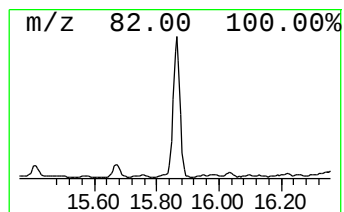
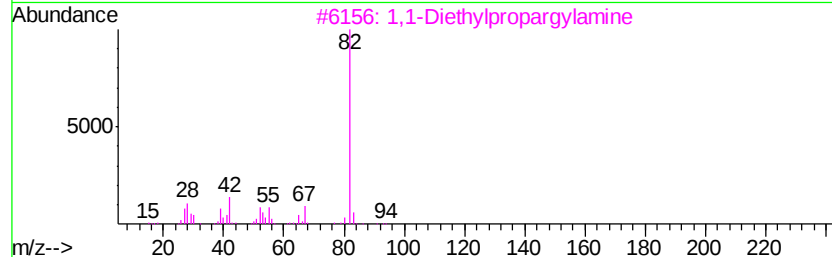
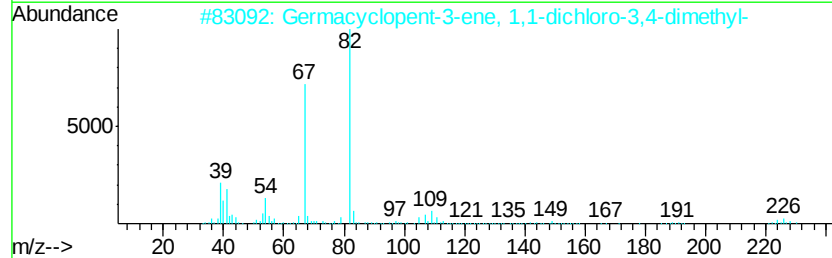
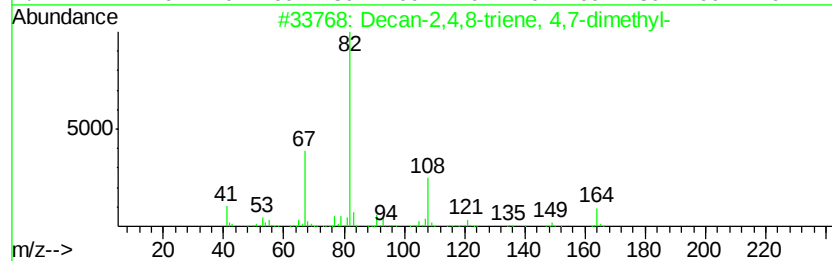
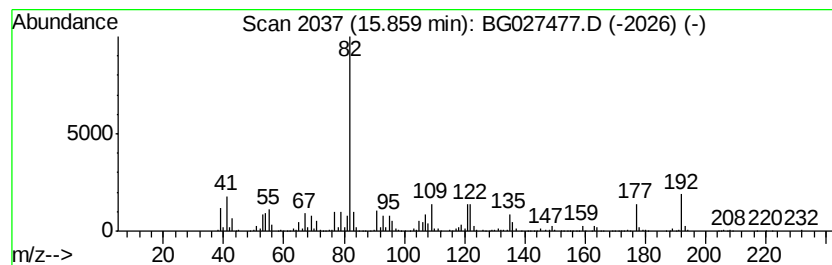
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-04 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	25.68 ng/ul	1160800	Acenaphthene-d10	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decan-2,4,8-triene, 4,7-dimethyl-	164	C12H20	1000132-15-2	43
2		Germacyclopent-3-ene, 1,1-dichlo...	226	C6H10Cl2Ge	005764-64-7	38
3		1,1-Diethylpropargylamine	111	C7H13N	003234-64-8	38
4		2-Cyclohexen-1-one, 3,6-dimethyl...	166	C11H18O	054410-58-1	37
5		Pentylene-tetrazol	138	C6H10N4	000054-95-5	37



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AD1

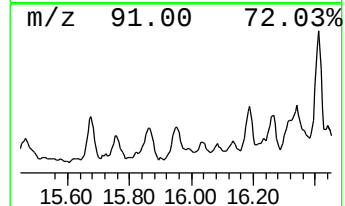
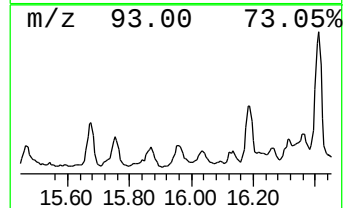
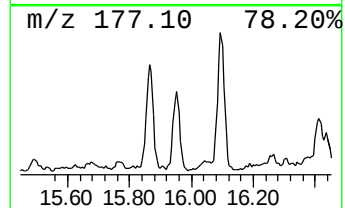
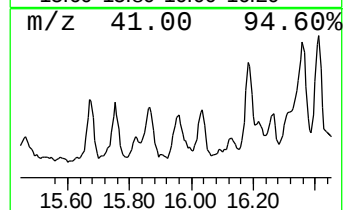
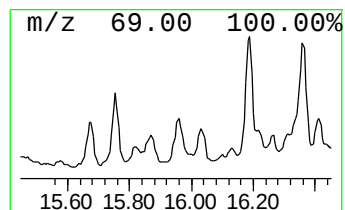
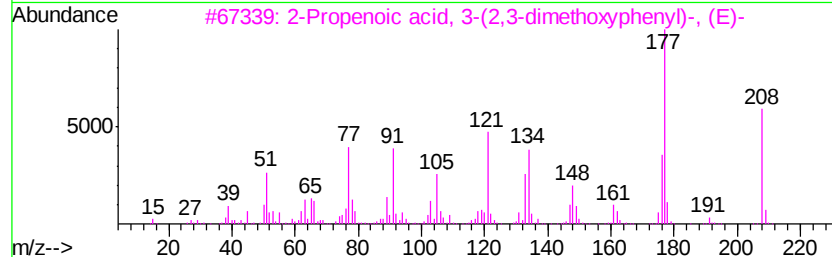
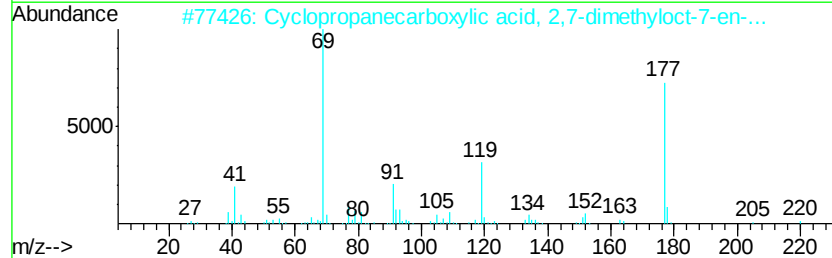
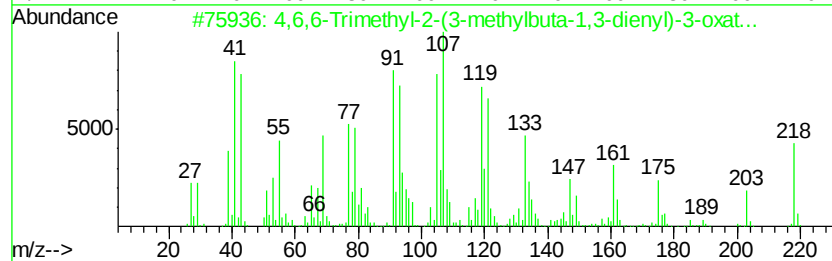
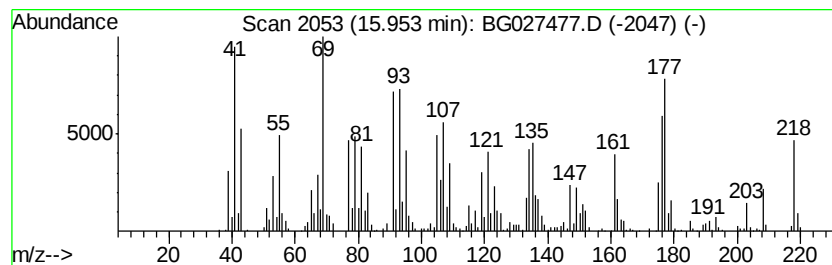
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown-05 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	21.16 ng/ul	956651	Acenaphthene-d10	15.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	41		
2	Cyclopropanecarboxylic acid, 2,7...	220	C14H20O2	1000299-37-9	25		
3	2-Propenoic acid, 3-(2,3-dimetho...	208	C11H12O4	007345-82-6	18		
4	Pyrido[3,2-d]pyrimidine-2,4(1H,3...	177	C8H7N3O2	002499-96-9	18		
5	Acetic acid, (5-cyano-4,4,5-trim...	208	C11H16N2O2	098188-21-7	15		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

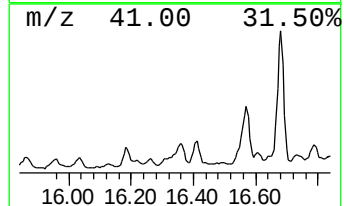
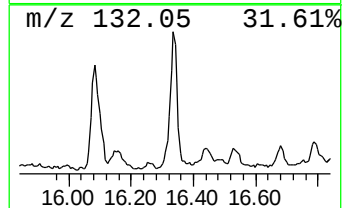
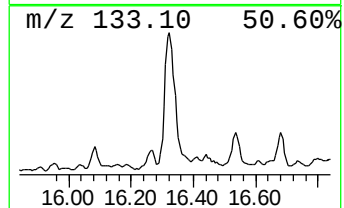
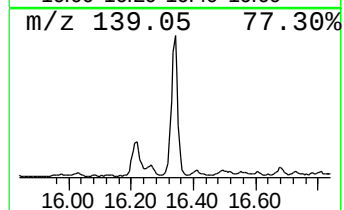
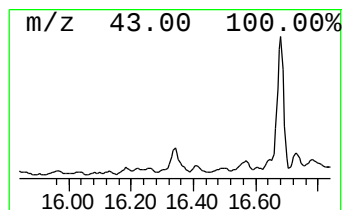
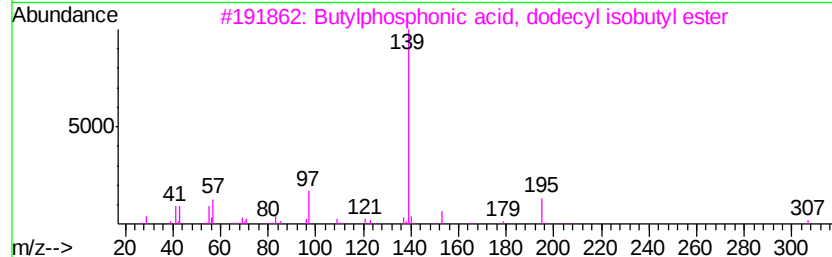
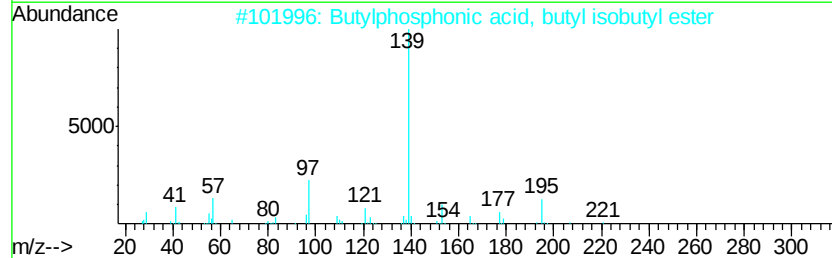
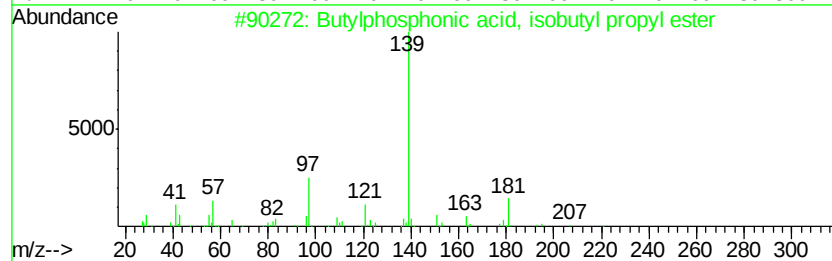
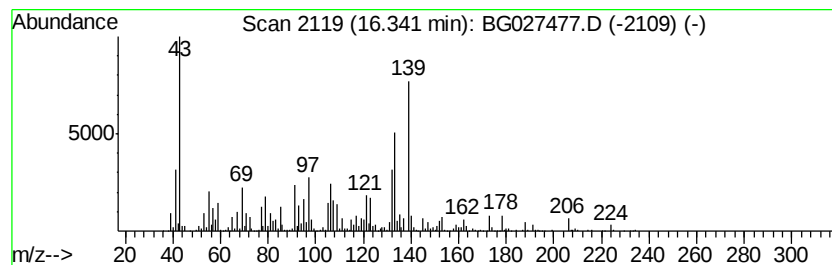
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	46.24 ng/ul	2090510	Acenaphthene-d10	15.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butylphosphonic acid, isobutyl p...	236 C11H25O3P	1000322-99-2 38
2		Butylphosphonic acid, butyl isob...	250 C12H27O3P	1000322-99-4 38
3		Butylphosphonic acid, dodecyl is...	362 C20H43O3P	1000323-00-1 35
4		3-Buten-1-ol, 3-(bromomethyl)-2-...	218 C8H11BrO2	072525-26-9 35
5		Butylphosphonic acid, 2-chlorocy...	310 C14H28ClO3P	1000323-23-7 35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AD1

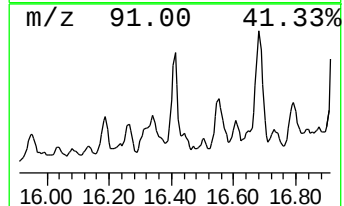
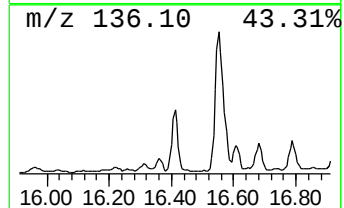
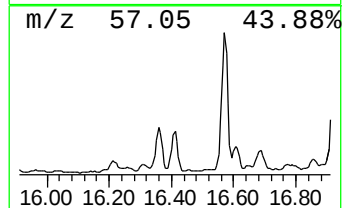
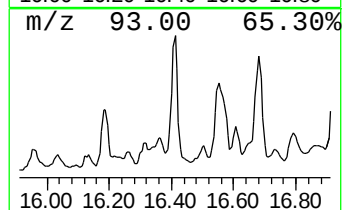
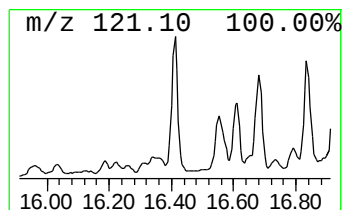
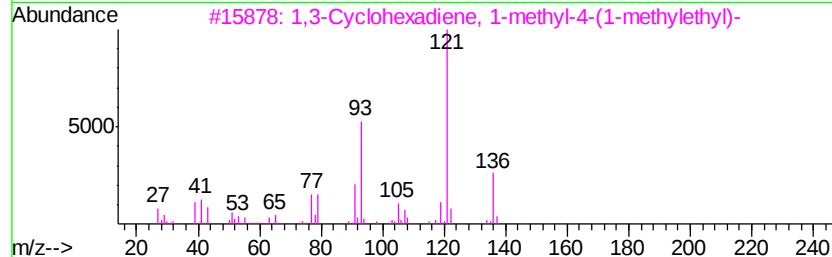
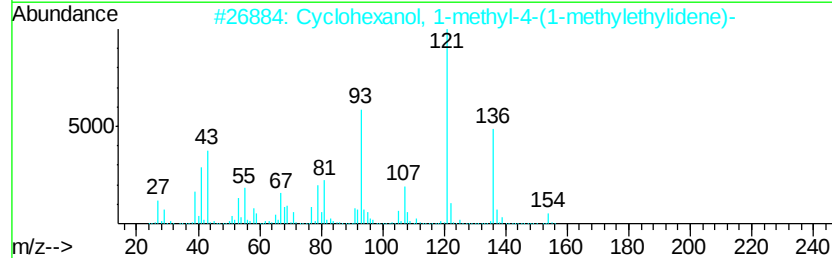
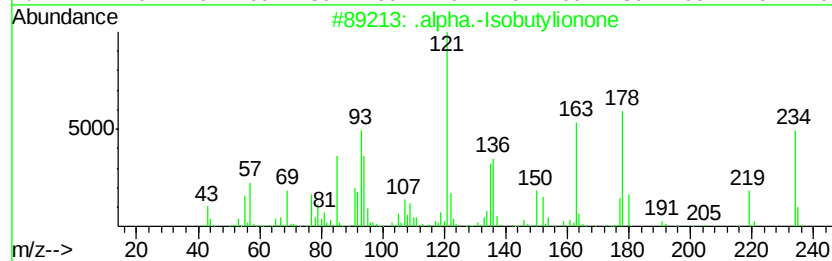
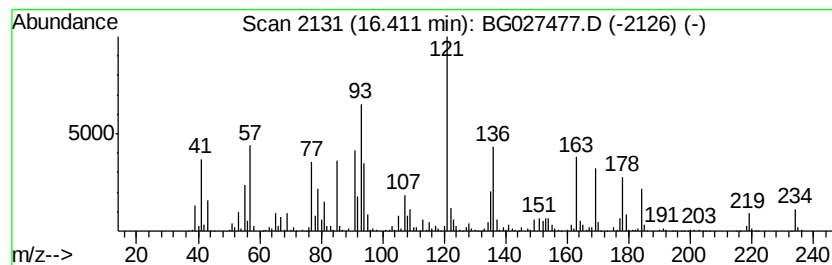
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 .alpha.-Isobutyliionone Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	36.70 ng/ul	1659230	Acenaphthene-d10	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Isobutyliionone	234	C16H26O	1000108-75-7	90
2		Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000586-81-2	64
3		1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	50
4		1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	50
5		Cyclohexene, 1,5,5-trimethyl-3-m...	136	C10H16	016609-28-2	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AD1

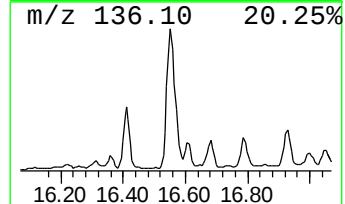
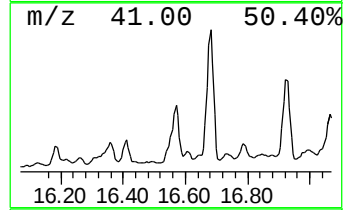
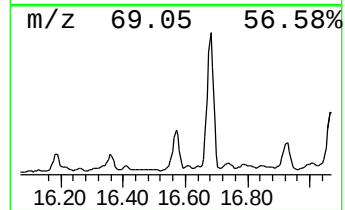
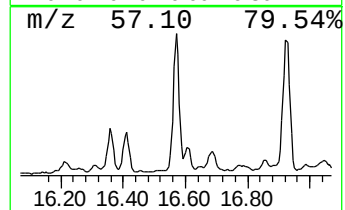
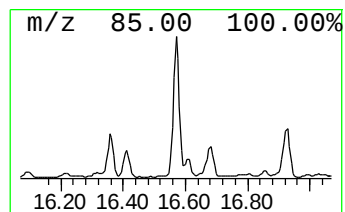
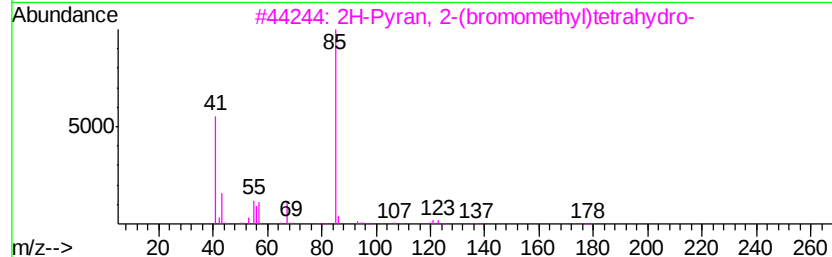
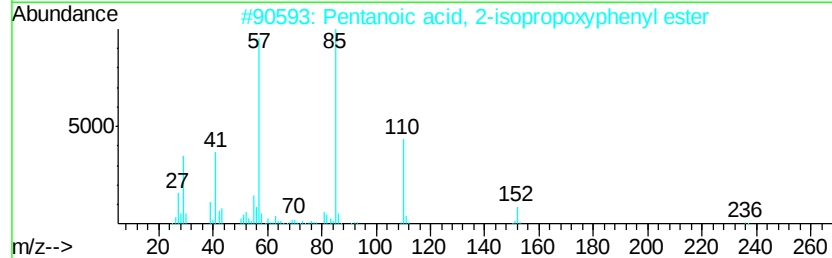
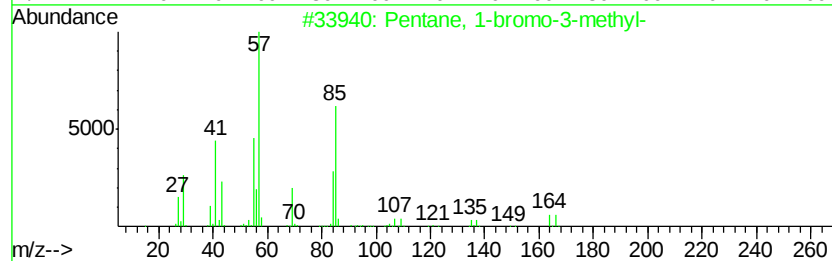
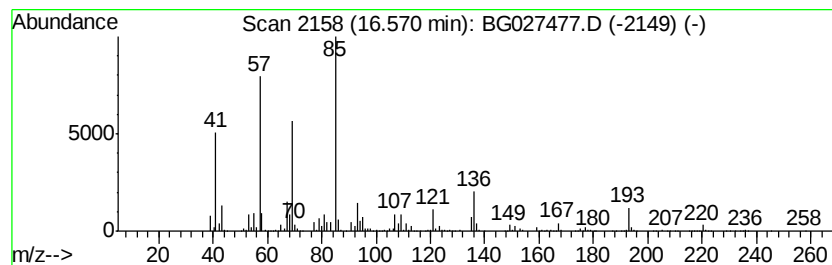
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Pentane, 1-bromo-3-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	36.39 ng/ul	2850270	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 1-bromo-3-methyl-	164	C6H13Br	051116-73-5	50
2		Pentanoic acid, 2-isopropoxyphen...	236	C14H20O3	1000293-64-6	49
3		2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	43
4		2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	43
5		2-[2-(5-Norbornenyl)oxy]-tetrahy...	194	C12H18O2	122685-23-8	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
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Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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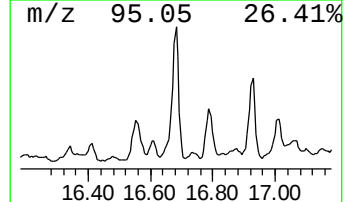
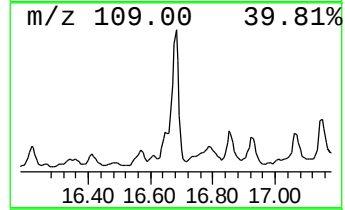
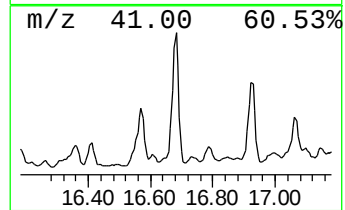
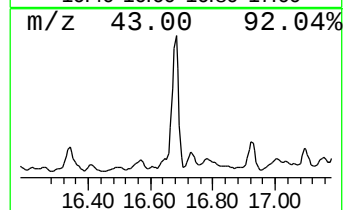
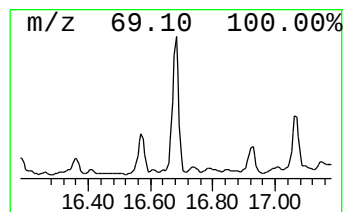
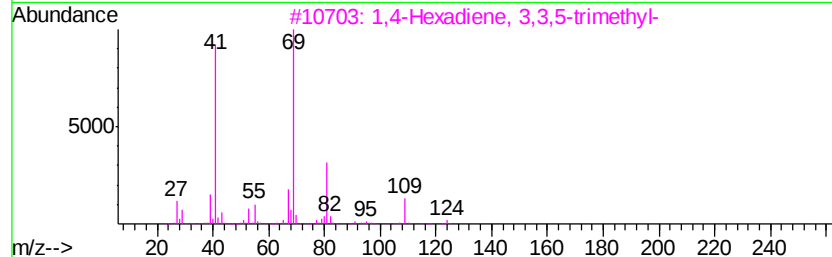
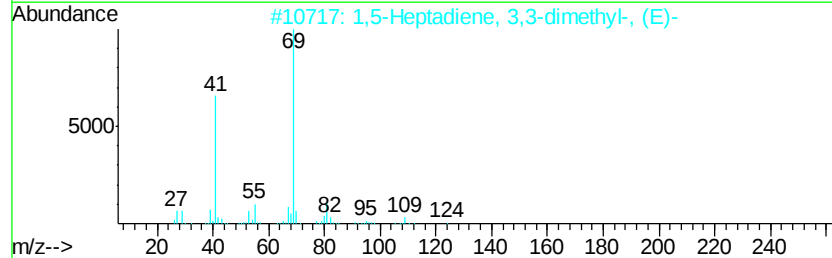
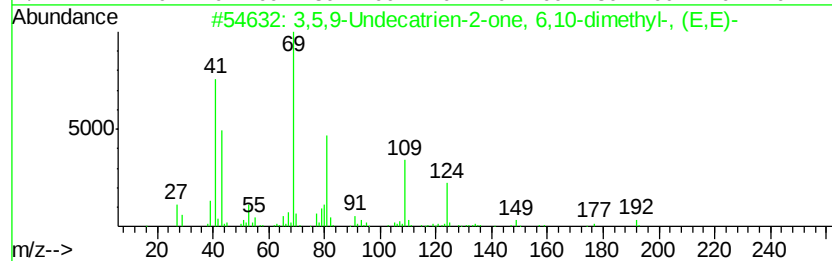
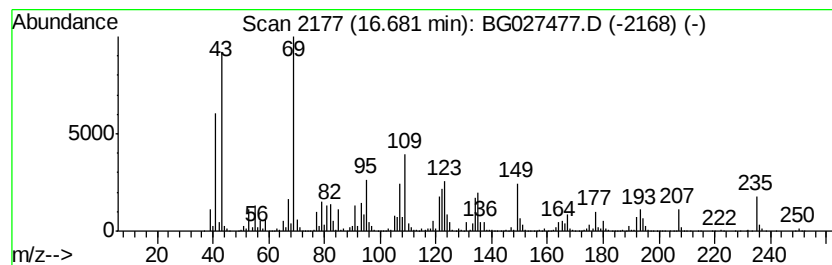
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	71.32 ng/ul	5587100	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5,9-Undecatrien-2-one, 6,10-di...	192	C13H20O	003548-78-5	38
2		1,5-Heptadiene, 3,3-dimethyl-, (E)-	124	C9H16	067682-47-7	35
3		1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	35
4		3,7,11-Trimethyl-3-hydroxy-6,10-...	282	C17H30O3	1000144-12-7	32
5		Cyclopropanecarboxylic acid, 2-m...	208	C13H20O2	1000299-37-8	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

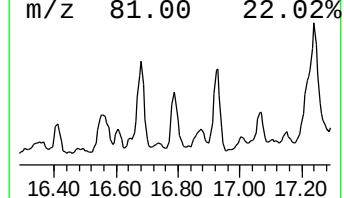
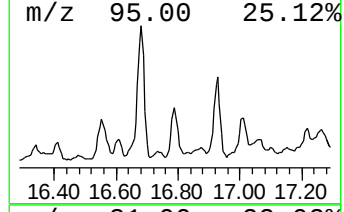
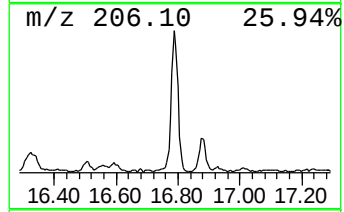
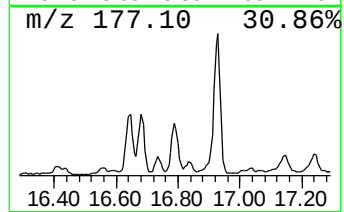
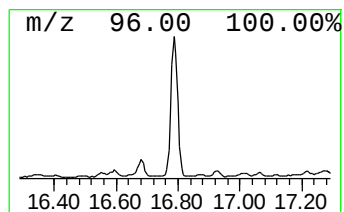
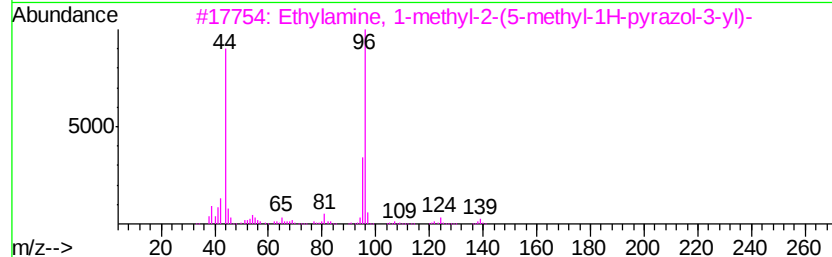
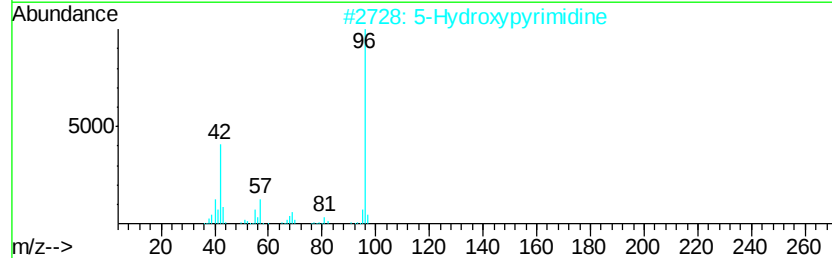
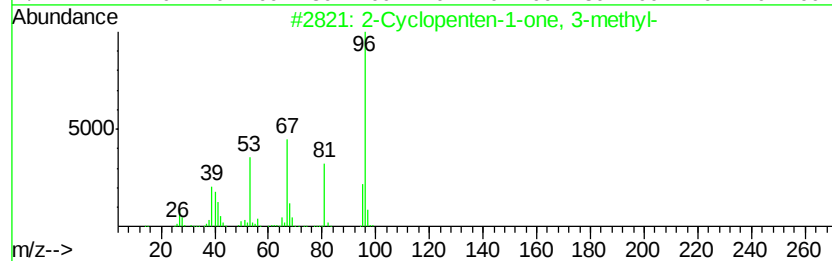
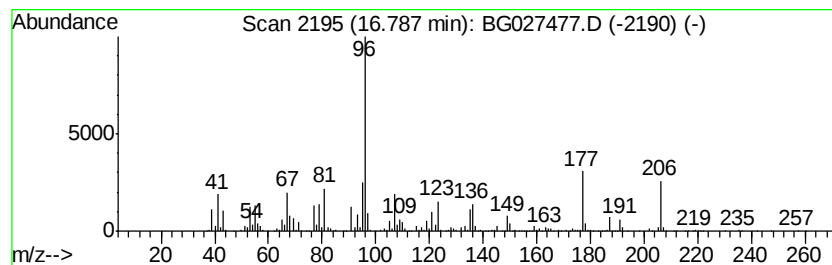
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 unknown-08 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.79	20.62 ng/ul	1614990	Phenanthrene-d10	17.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	38
2	5-Hydroxypyrimidine	96	C4H4N2O	026456-59-7	35
3	Ethylamine, 1-methyl-2-(5-methyl...	139	C7H13N3	1000316-41-3	32
4	1H-Inden-1-one, 3a,4,5,6,7,7a-he...	178	C12H18O	060713-97-5	32
5	1H-Pyrazole, 1,3-dimethyl-	96	C5H8N2	000694-48-4	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
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Misc :
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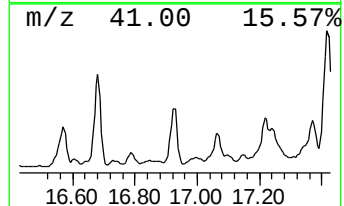
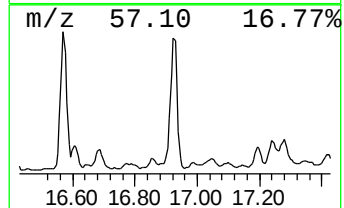
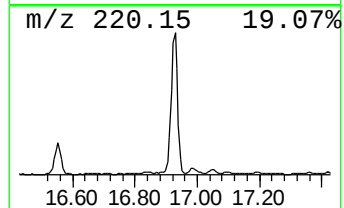
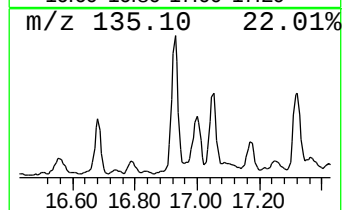
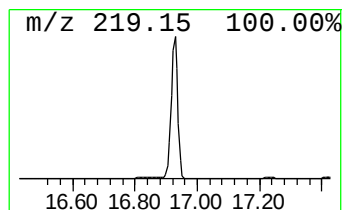
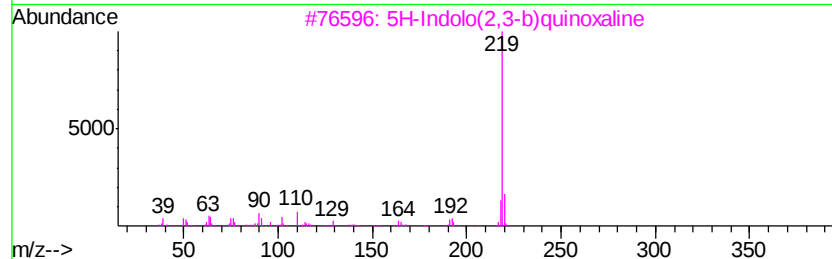
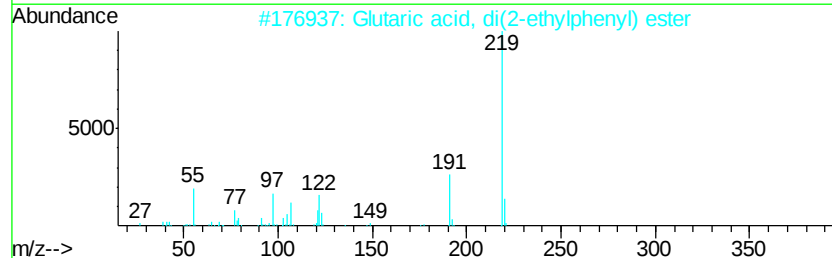
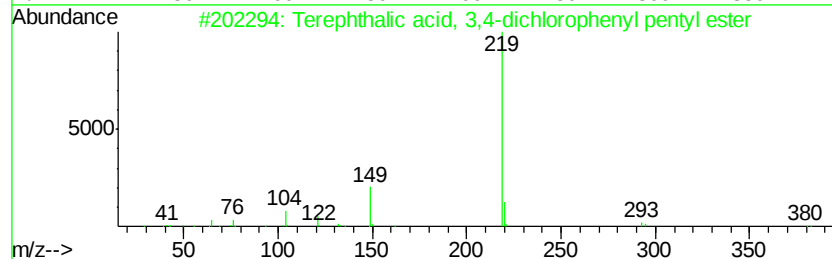
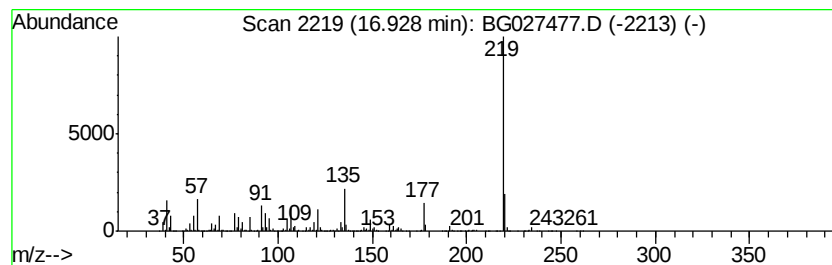
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Terephthalic acid, 3,4-dich... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	66.46 ng/ul	5206190	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Terephthalic acid, 3,4-dichlorop...	380	C19H18Cl2O4	1000323-68-9	50
2		Glutaric acid, di(2-ethylphenyl)...	340	C21H24O4	1000358-51-8	50
3		5H-Indolo(2,3-b)quinoxaline	219	C14H9N3	000243-59-4	49
4		Quinoline, 2-(3-tolyl)-	219	C16H13N	024641-30-3	47
5		4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AD1

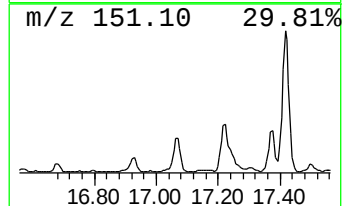
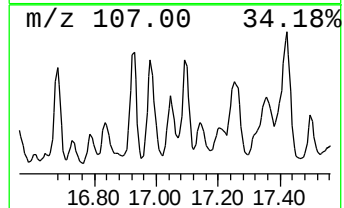
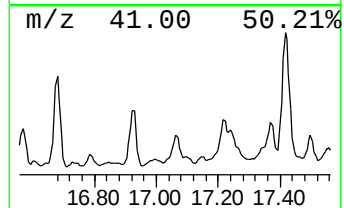
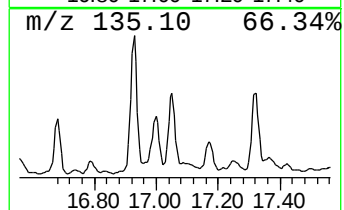
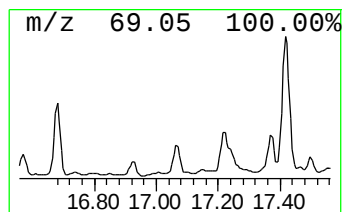
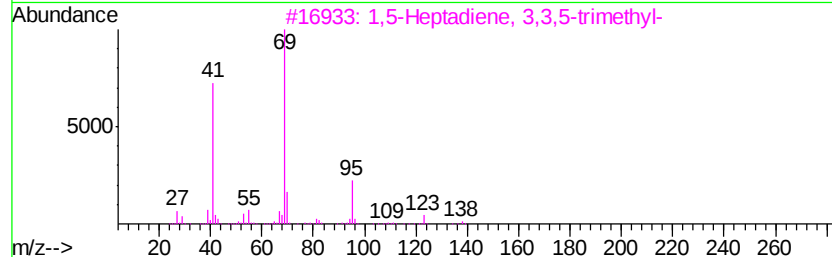
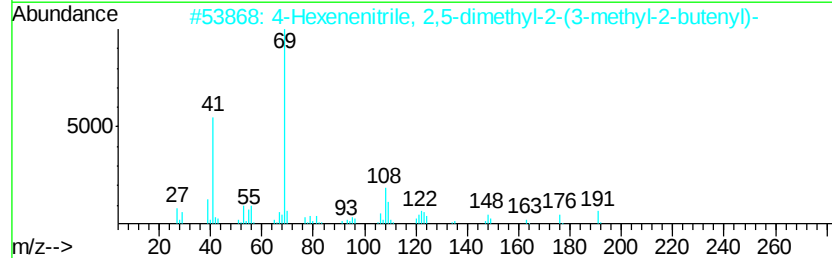
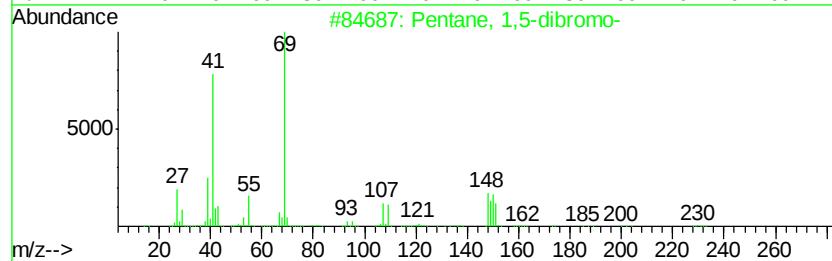
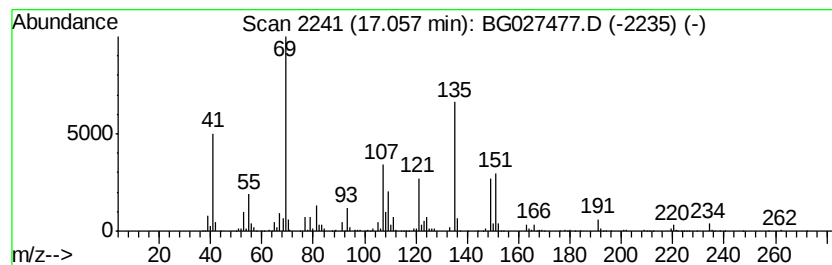
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 unknown-09 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	18.58 ng/ul	1455620	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 1,5-dibromo-	228	C5H10Br2	000111-24-0	47
2		4-Hexenenitrile, 2,5-dimethyl-2-...	191	C13H21N	069340-56-3	37
3		1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	35
4		Pentane, 2,4-dibromo-	228	C5H10Br2	019398-53-9	33
5		trans-Farnesol	222	C15H26O	000106-28-5	32



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
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Instrument :
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ClientSampleId :
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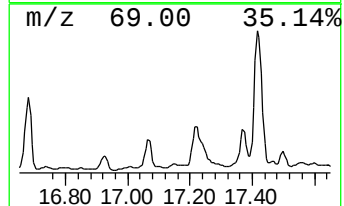
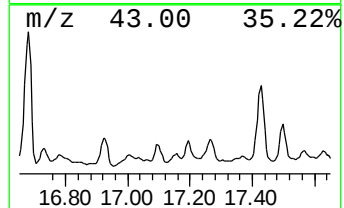
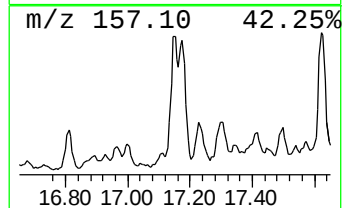
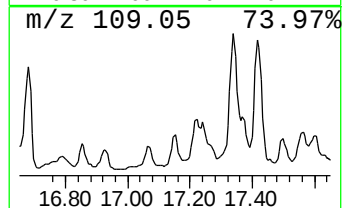
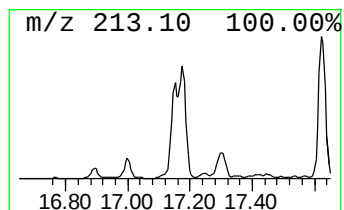
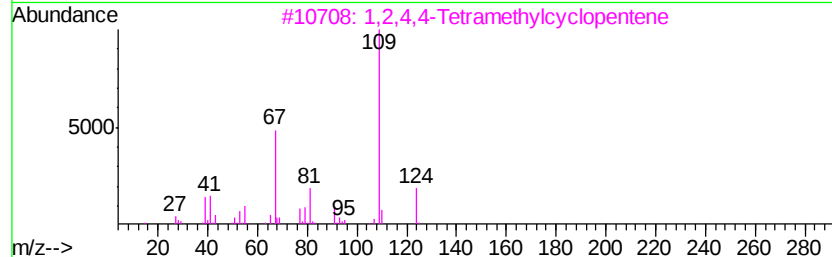
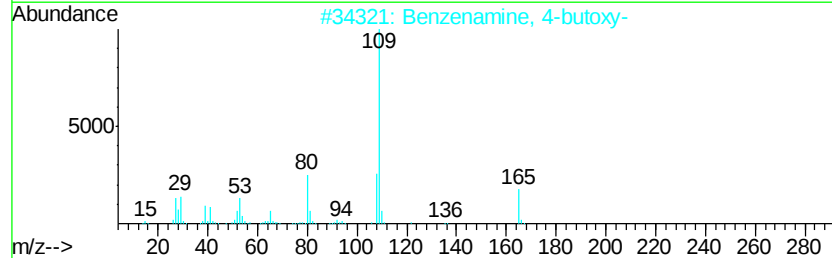
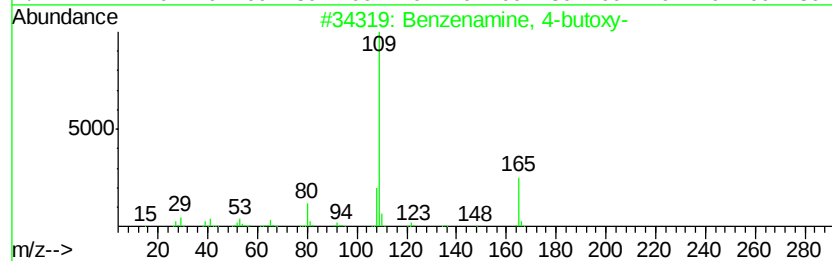
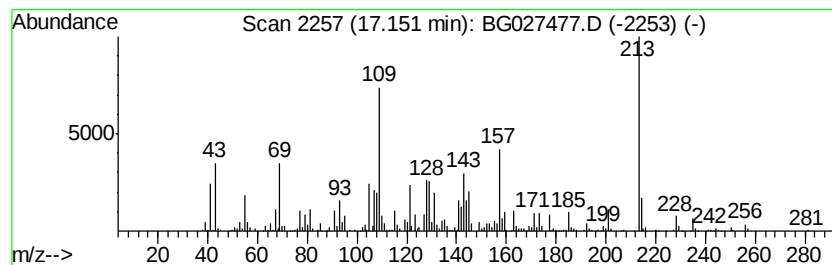
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 unknown-10 Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	12.70 ng/ul	994817	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 4-butoxy-	165	C10H15NO	004344-55-2	14
2		Benzenamine, 4-butoxy-	165	C10H15NO	004344-55-2	14
3		1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	11
4		2,3-Dehydro-1,8-cineole	152	C10H16O	092760-25-3	11
5		Benzene, 1-(chloromethyl)-4-fluoro-	144	C7H6ClF	000352-11-4	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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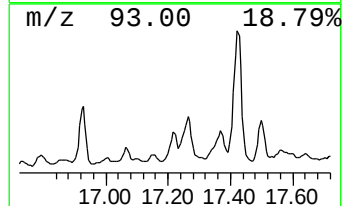
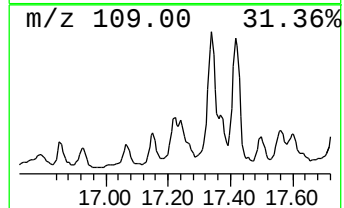
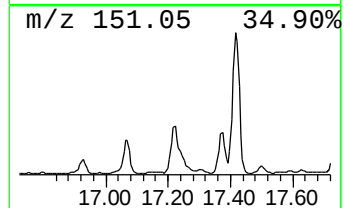
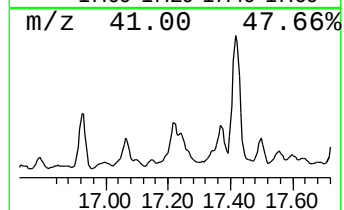
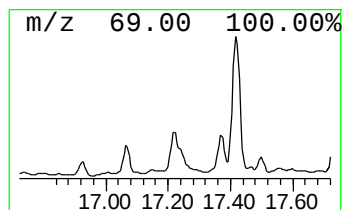
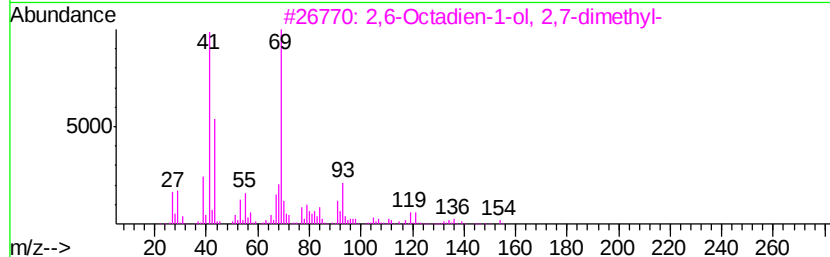
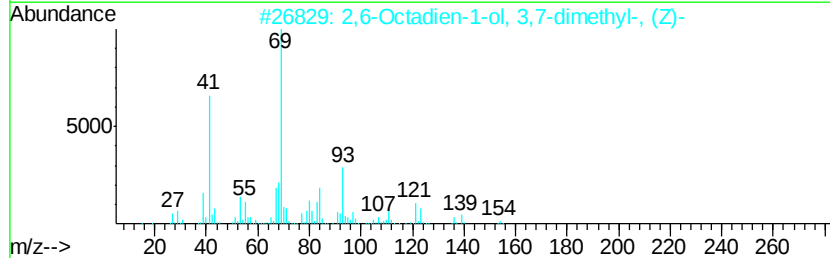
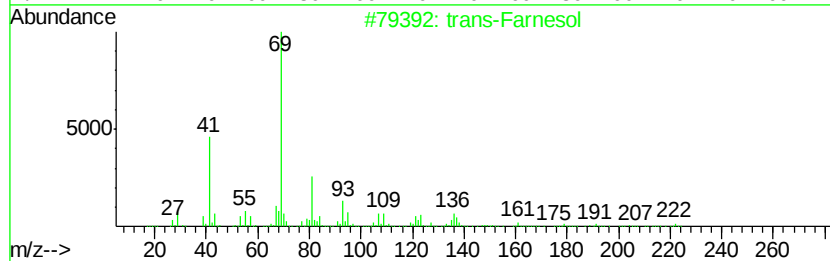
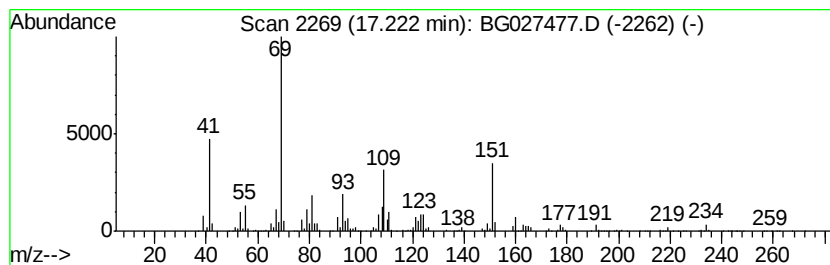
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-11 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	17.33 ng/ul	1357590	Phenanthrene-d10	17.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Farnesol	222	C15H26O	000106-28-5	47
2			2,6-Octadien-1-ol, 3,7-dimethyl-...	154	C10H18O	000106-25-2	40
3			2,6-Octadien-1-ol, 2,7-dimethyl-	154	C10H18O	022410-74-8	38
4			Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	37
5			1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	37



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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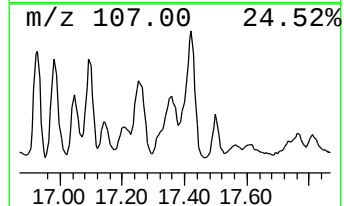
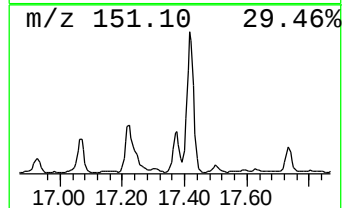
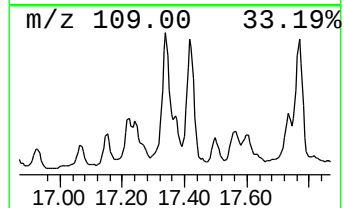
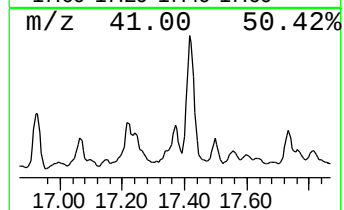
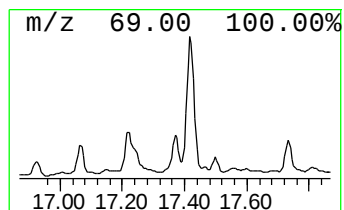
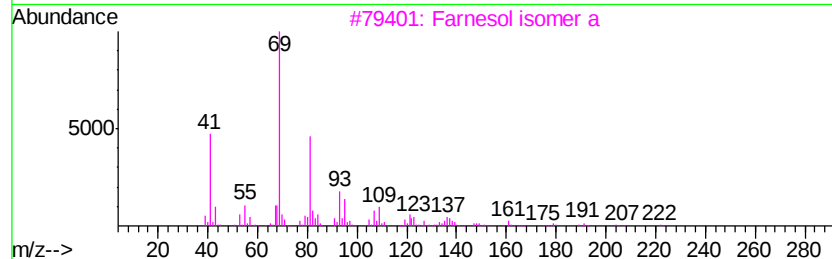
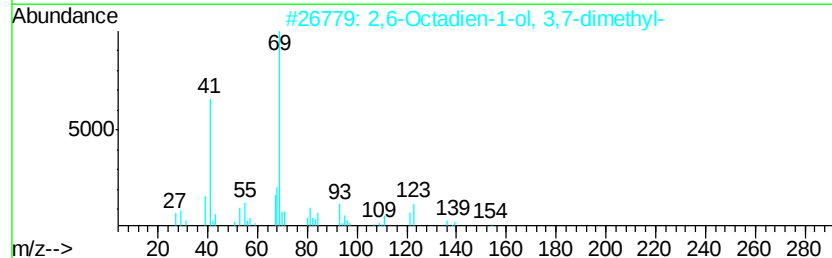
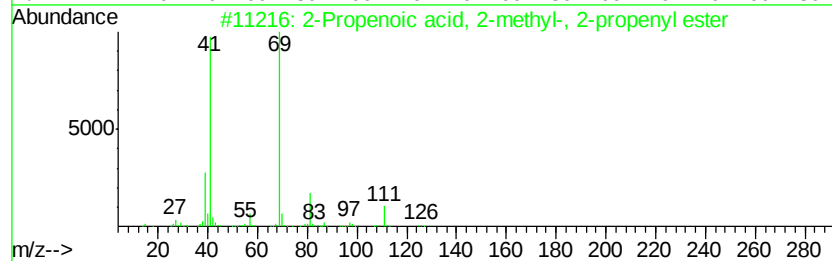
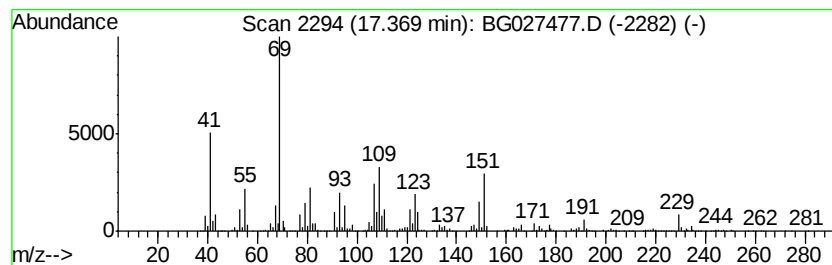
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 unknown-12 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	41.65 ng/ul	3262200	Phenanthrene-d10	17.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	38
2			2,6-Octadien-1-ol, 3,7-dimethyl-	154	C10H18O	000624-15-7	37
3			Farnesol isomer a	222	C15H26O	1000108-92-4	37
4			1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	37
5			Squalene	410	C30H50	000111-02-4	37



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027477.D
Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AD1

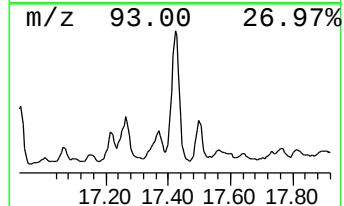
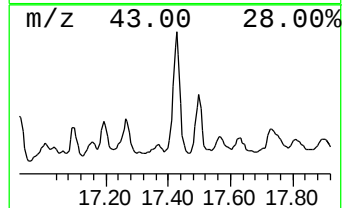
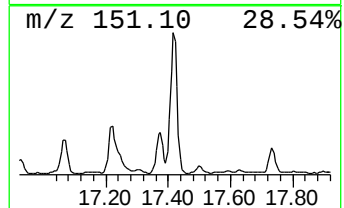
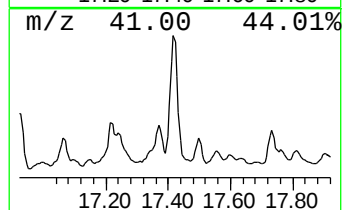
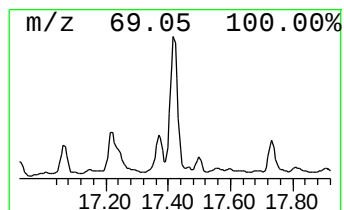
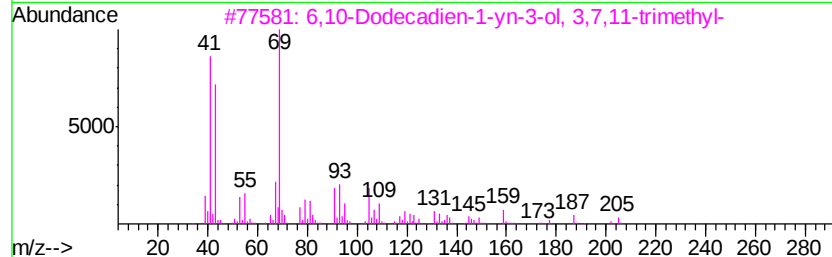
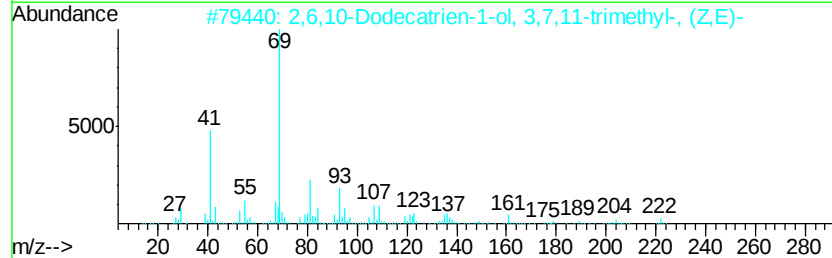
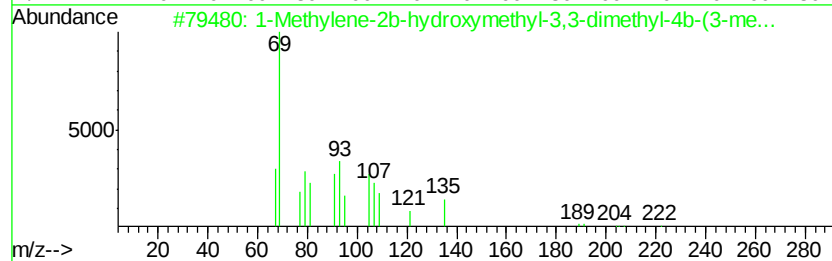
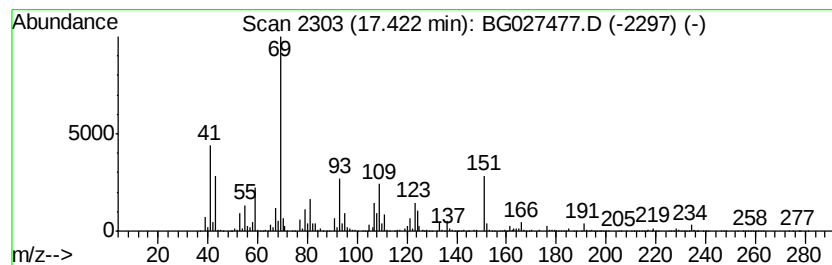
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 unknown-13 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	94.89 ng/ul	7432800	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methylene-2b-hydroxymethyl-3,3...	222	C15H26O	1000144-10-6	40
2		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	40
3		6,10-Dodecadien-1-yn-3-ol, 3,7,1...	220	C15H24O	002387-68-0	40
4		2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	38
5		2,6-Octadien-1-ol, 3,7-dimethyl-	154	C10H18O	000624-15-7	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
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Acq On : 16 Jun 2017 18:46
Operator : SJ/MA
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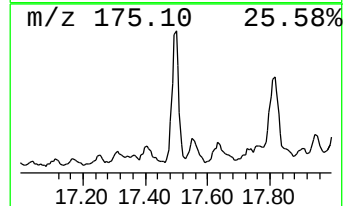
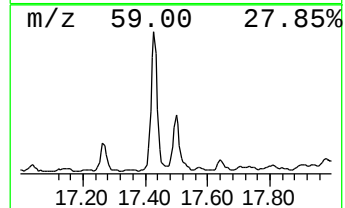
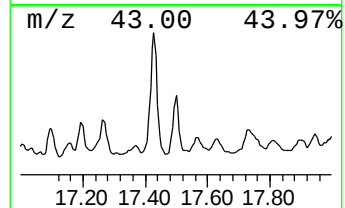
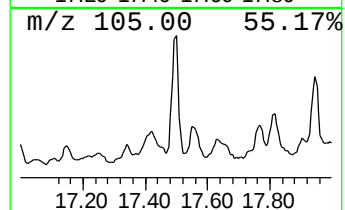
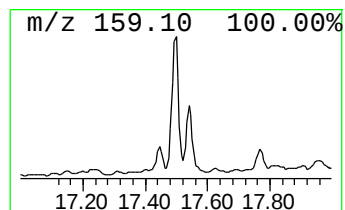
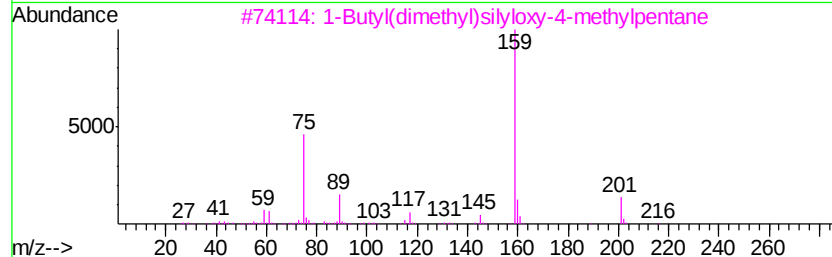
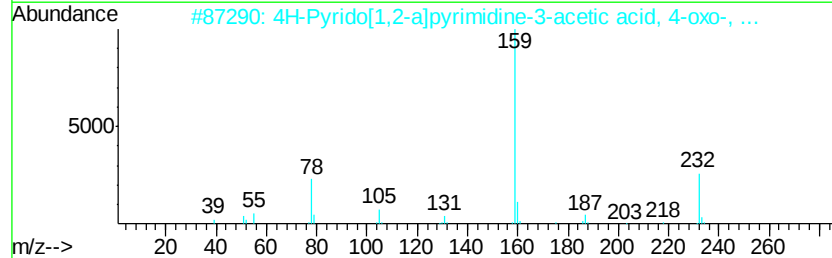
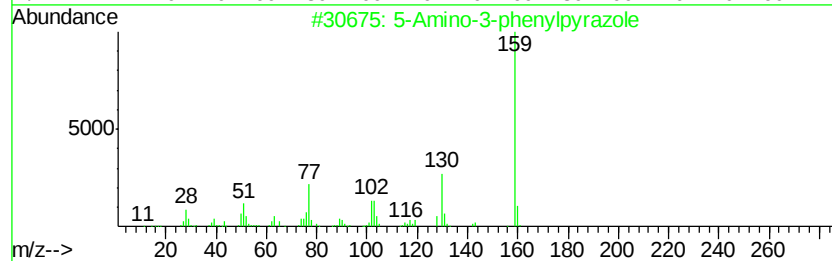
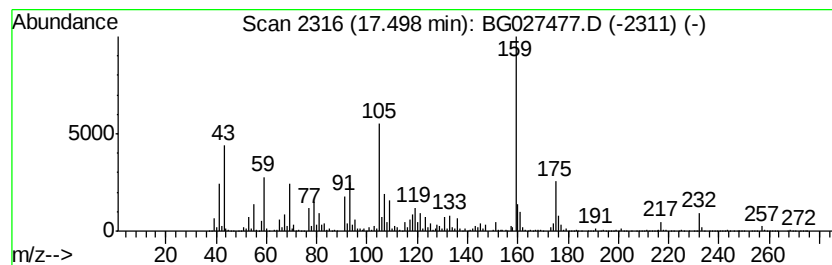
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 unknown-14 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.50	29.84 ng/ul	2337570	Phenanthrene-d10	17.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-3-phenylpyrazole	159	C9H9N3	000827-41-8	38
2	4H-Pyrido[1,2-a]pyrimidine-3-ace...	232	C12H12N2O3	050609-59-1	38
3	1-Butyl(dimethyl)silyloxy-4-meth...	216	C12H28OSi	1000282-45-5	35
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	35
5	2-Methyl-6-hydroxyquinoline	159	C10H9NO	000613-21-8	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
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Acq On : 16 Jun 2017 18:46
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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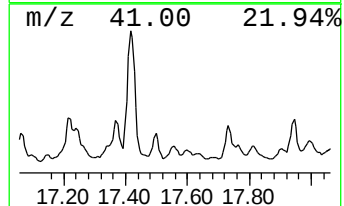
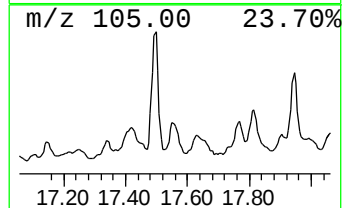
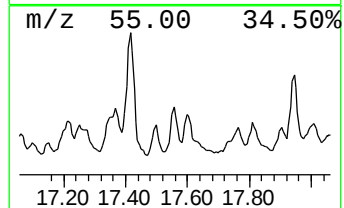
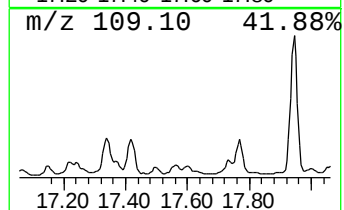
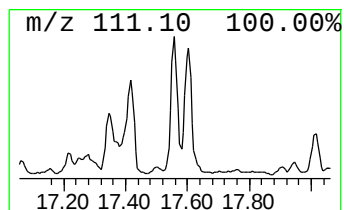
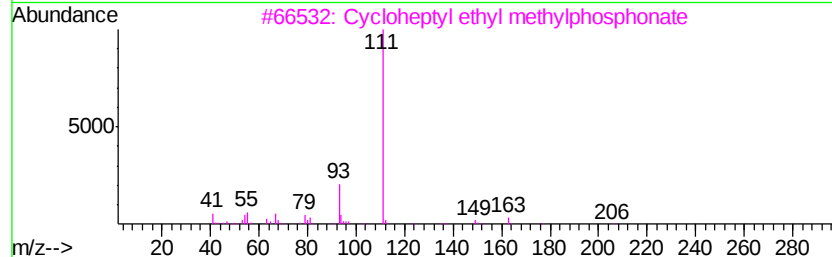
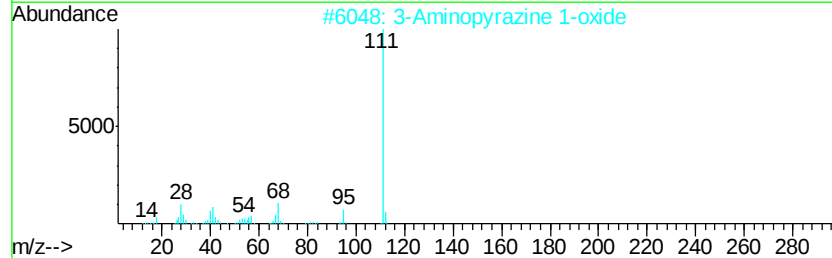
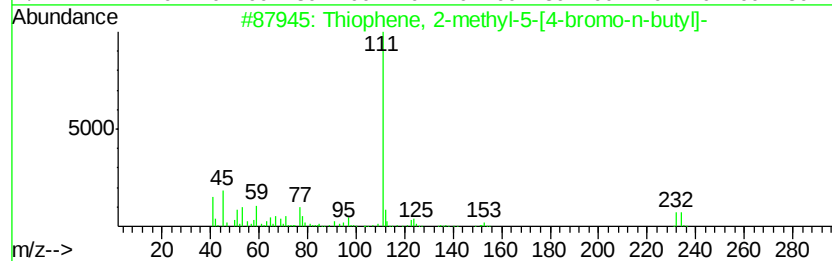
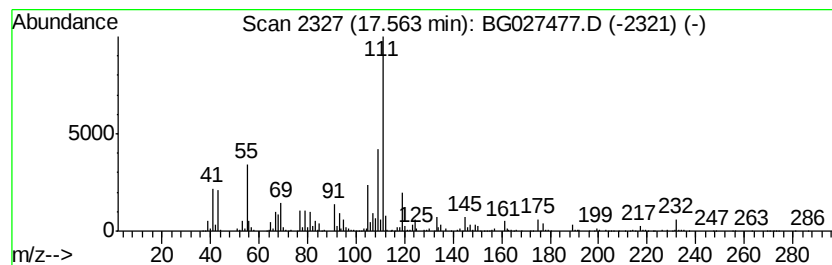
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-15 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	18.12 ng/ul	1419150	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2-methyl-5-[4-bromo-n...	232	C9H13BrS	288323-51-3	43
2		3-Aminopyrazine 1-oxide	111	C4H5N3O	006863-77-0	38
3		Cycloheptyl ethyl methylphosphonate	206	C9H19O3P	1000298-38-6	38
4		Benzenamine, 2-fluoro-	111	C6H6FN	000348-54-9	38
5		2(1H)-Pyridinone, 3-hydroxy-	111	C5H5NO2	016867-04-2	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027477.D
 Acq On : 16 Jun 2017 18:46
 Operator : SJ/MA
 Sample : I3646-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AD1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexene, 1-me...	7.59	17.8	ng/ul	2923020	1	8.53	3293190	20.0
(+)-2-Carene	8.12	43.1	ng/ul	7104380	1	8.53	3293190	20.0
Benzene, 1-methyl...	8.64	20.0	ng/ul	3293190	1	8.53	3293190	20.0
unknown-01	10.19	17.6	ng/ul	1089200	2	11.34	1240780	20.0
unknown-02	12.33	20.0	ng/ul	1240780	2	11.34	1240780	20.0
Scopoletin	12.82	14.3	ng/ul	888720	2	11.34	1240780	20.0
4H-Chromene, 4a,5...	13.56	51.3	ng/ul	2317050	3	15.11	904221	20.0
Naphthalene, 1,2,...	13.64	60.0	ng/ul	2712660	3	15.11	904221	20.0
Bicyclo[5.2.0]non...	14.43	25.5	ng/ul	1153100	3	15.11	904221	20.0
1,5,5-Trimethyl-6...	14.65	132.2	ng/ul	5976990	3	15.11	904221	20.0
unknown-03	14.71	19.6	ng/ul	884378	3	15.11	904221	20.0
Benzene, 1-(1,5-d...	14.90	26.3	ng/ul	1190450	3	15.11	904221	20.0
Dihydro-.alpha.-m...	15.22	254.0	ng/ul	11482700	3	15.11	904221	20.0
.gamma.-Muurolene	15.34	20.0	ng/ul	905588	3	15.11	904221	20.0
Cyclopentane, 2-e...	15.68	27.6	ng/ul	1245800	3	15.11	904221	20.0
unknown-04	15.86	25.7	ng/ul	1160800	3	15.11	904221	20.0
unknown-05	15.95	21.2	ng/ul	956651	3	15.11	904221	20.0
unknown-06	16.34	46.2	ng/ul	2090510	3	15.11	904221	20.0
.alpha.-Isobutyli...	16.41	36.7	ng/ul	1659230	3	15.11	904221	20.0
Pentane, 1-bromo-...	16.57	36.4	ng/ul	2850270	4	17.86	1566670	20.0
unknown-07	16.68	71.3	ng/ul	5587100	4	17.86	1566670	20.0
unknown-08	16.79	20.6	ng/ul	1614990	4	17.86	1566670	20.0
Terephthalic acid...	16.93	66.5	ng/ul	5206190	4	17.86	1566670	20.0
unknown-09	17.06	18.6	ng/ul	1455620	4	17.86	1566670	20.0
unknown-10	17.15	12.7	ng/ul	994817	4	17.86	1566670	20.0
unknown-11	17.22	17.3	ng/ul	1357590	4	17.86	1566670	20.0
unknown-12	17.37	41.6	ng/ul	3262200	4	17.86	1566670	20.0
unknown-13	17.42	94.9	ng/ul	7432800	4	17.86	1566670	20.0
unknown-14	17.50	29.8	ng/ul	2337570	4	17.86	1566670	20.0
unknown-15	17.56	18.1	ng/ul	1419150	4	17.86	1566670	20.0