

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025129.D
 Acq On : 13 Dec 2016 00:40
 Operator : UM/SJ
 Sample : H5990-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKGROUND01-0106-03

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\SOM02.2-EPA-BG113016.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	3.276	69	74	81	rVB2	33533	54039	1.31%	0.091%
2	3.364	86	89	97	rVB6	16155	29091	0.70%	0.049%
3	3.593	124	128	136	rBV6	18604	32509	0.79%	0.055%
4	4.128	213	219	228	rVB5	31037	51986	1.26%	0.088%
5	6.889	681	689	696	rVV3	67969	127872	3.09%	0.216%
6	7.213	731	744	748	rBV8	14786	40640	0.98%	0.069%
7	7.383	766	773	790	rBV3	402607	883143	21.34%	1.495%
8	7.553	795	802	813	rVV	250484	446772	10.79%	0.756%
9	7.665	813	821	825	rVB8	10830	25823	0.62%	0.044%
10	7.765	829	838	847	rBV	349690	654918	15.82%	1.108%
11	8.235	907	918	929	rVV	345997	695037	16.79%	1.176%
12	8.940	1028	1038	1048	rBV	489245	914477	22.10%	1.548%
13	9.416	1111	1119	1127	rBV2	386678	716375	17.31%	1.212%
14	9.498	1127	1133	1140	rVB7	18212	36128	0.87%	0.061%
15	9.745	1169	1175	1183	rVB5	16087	42821	1.03%	0.072%
16	10.139	1234	1242	1254	rBV	342753	663952	16.04%	1.124%
17	10.291	1262	1268	1271	rBV6	15793	34079	0.82%	0.058%
18	10.338	1272	1276	1284	rVB10	12152	32593	0.79%	0.055%
19	10.679	1326	1334	1344	rBV2	500291	962768	23.26%	1.629%
20	10.785	1346	1352	1365	rVB4	85698	167728	4.05%	0.284%
21	11.067	1388	1400	1408	rBV	535917	1021477	24.68%	1.729%
22	11.208	1414	1424	1438	rBV2	159809	383729	9.27%	0.649%
23	11.807	1521	1526	1540	rBV2	14701	51217	1.24%	0.087%
24	12.976	1719	1725	1732	rBV8	19928	48346	1.17%	0.082%
25	13.206	1759	1764	1774	rBV10	26364	59399	1.44%	0.101%
26	13.717	1844	1851	1857	rBV5	61008	105661	2.55%	0.179%
27	13.964	1886	1893	1901	rBV8	30046	90931	2.20%	0.154%
28	14.163	1921	1927	1935	rVV2	243487	386840	9.35%	0.655%
29	14.251	1935	1942	1947	rVV	982502	1485050	35.88%	2.513%
30	14.298	1947	1950	1960	rVB	187921	273711	6.61%	0.463%
31	14.557	1985	1994	2000	rBV	1437148	2423904	58.57%	4.102%
32	14.674	2008	2014	2025	rBV7	97295	197956	4.78%	0.335%
33	14.798	2028	2035	2040	rBV	563239	846716	20.46%	1.433%
34	14.857	2040	2045	2053	rBV	1002127	1587951	38.37%	2.687%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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35	15.062	2073	2080	2091	rBV2	362394	900380	21.75%	1.524%
36	15.156	2091	2096	2101	rVB2	50839	91388	2.21%	0.155%
37	15.215	2101	2106	2110	rBV8	30623	58099	1.40%	0.098%
38	15.573	2163	2167	2171	rBV5	26026	44542	1.08%	0.075%
39	15.650	2175	2180	2186	rBV3	56589	81933	1.98%	0.139%
40	15.750	2190	2197	2201	rBV9	12958	32534	0.79%	0.055%
41	15.844	2205	2213	2220	rBV	1358046	2185046	52.79%	3.698%
42	15.967	2228	2234	2245	rBV	495518	776342	18.76%	1.314%
43	16.079	2247	2253	2259	rVB7	86504	145474	3.51%	0.246%
44	16.167	2263	2268	2273	rBV9	21334	47371	1.14%	0.080%
45	16.261	2278	2284	2287	rBV5	97023	170634	4.12%	0.289%
46	16.302	2287	2291	2298	rVB5	113058	212708	5.14%	0.360%
47	16.396	2304	2307	2314	rBV8	40656	68839	1.66%	0.117%
48	16.508	2322	2326	2330	rBV2	50542	66095	1.60%	0.112%
49	16.631	2343	2347	2353	rBV3	40438	71316	1.72%	0.121%
50	16.948	2396	2401	2409	rVB3	40935	74372	1.80%	0.126%
51	17.083	2420	2424	2428	rBV7	33211	58260	1.41%	0.099%
52	17.260	2448	2454	2457	rBV6	29097	44953	1.09%	0.076%
53	17.301	2457	2461	2467	rBV6	49903	79023	1.91%	0.134%
54	17.424	2479	2482	2494	rVB6	37655	85748	2.07%	0.145%
55	17.524	2494	2499	2501	rBV5	19293	36823	0.89%	0.062%
56	17.600	2501	2512	2516	rVV2	1257947	2044371	49.40%	3.460%
57	17.642	2516	2519	2524	rVV	556586	846141	20.44%	1.432%
58	17.700	2524	2529	2539	rVB	1414703	2200672	53.17%	3.724%
59	17.788	2539	2544	2550	rBV7	73309	156920	3.79%	0.266%
60	17.941	2565	2570	2575	rBV9	29447	58080	1.40%	0.098%
61	18.012	2577	2582	2584	rBV4	33868	41467	1.00%	0.070%
62	18.117	2594	2600	2605	rBV10	21142	53341	1.29%	0.090%
63	18.317	2630	2634	2635	rBV4	34935	36313	0.88%	0.061%
64	18.352	2636	2640	2643	rVV6	29334	59197	1.43%	0.100%
65	18.441	2651	2655	2664	rBV4	495342	758063	18.32%	1.283%
66	18.523	2664	2669	2677	rVB2	118441	201853	4.88%	0.342%
67	18.599	2679	2682	2688	rBV7	31137	39506	0.95%	0.067%
68	18.670	2688	2694	2704	rBV4	100004	244958	5.92%	0.415%
69	18.958	2740	2743	2747	rBV	62188	78205	1.89%	0.132%
70	19.011	2747	2752	2760	rVB2	175429	271467	6.56%	0.459%
71	19.298	2796	2801	2806	rBV9	40478	91209	2.20%	0.154%

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72	19.522	2836	2839	2842	rBV3	45206	52927	1.28%	0.090%
73	19.586	2844	2850	2852	rBV6	93429	154416	3.73%	0.261%
74	19.639	2853	2859	2865	rVB	1450814	2028233	49.01%	3.433%
75	19.698	2865	2869	2880	rBV4	248912	385273	9.31%	0.652%
76	19.974	2909	2916	2919	rBV	1772238	2980482	72.01%	5.044%
77	20.062	2928	2931	2936	rVB2	49755	63859	1.54%	0.108%
78	20.174	2946	2950	2954	rVB	70878	94700	2.29%	0.160%
79	20.327	2969	2976	2982	rBV6	135816	295395	7.14%	0.500%
80	20.444	2990	2996	2998	rBV3	131964	206204	4.98%	0.349%
81	20.485	2999	3003	3013	rVB2	166236	326624	7.89%	0.553%
82	20.579	3016	3019	3023	rBV2	70566	91058	2.20%	0.154%
83	20.761	3046	3050	3052	rBV4	103445	149994	3.62%	0.254%
84	21.132	3110	3113	3121	rVB7	122276	207048	5.00%	0.350%
85	21.261	3131	3135	3139	rBV2	143779	251825	6.08%	0.426%
86	21.314	3139	3144	3157	rVB	2220016	3157939	76.30%	5.345%
87	21.466	3163	3170	3180	rBV7	407179	1074892	25.97%	1.819%
88	21.555	3182	3185	3191	rBV3	74534	145656	3.52%	0.247%
89	21.895	3233	3243	3248	rBV2	1477245	3406310	82.30%	5.765%
90	21.942	3248	3251	3262	rVB	520605	917352	22.16%	1.553%
91	22.659	3368	3373	3376	rBV2	315023	496790	12.00%	0.841%
92	22.700	3376	3380	3400	rVB5	592928	1728927	41.77%	2.926%
93	23.388	3491	3497	3504	rVB4	273007	522547	12.63%	0.884%
94	23.758	3556	3560	3567	rBV5	118270	236776	5.72%	0.401%
95	24.234	3631	3641	3649	rBV2	1525809	4138806	100.00%	7.005%
96	24.992	3765	3770	3776	rBV2	150999	352984	8.53%	0.597%
97	25.080	3777	3785	3792	rBV2	631097	1752281	42.34%	2.966%
98	25.315	3816	3825	3835	rBV3	680377	2100944	50.76%	3.556%
99	26.414	4002	4012	4028	rVB2	722132	2388422	57.71%	4.042%
100	30.932	4772	4781	4802	rVB2	238350	1289207	31.15%	2.182%

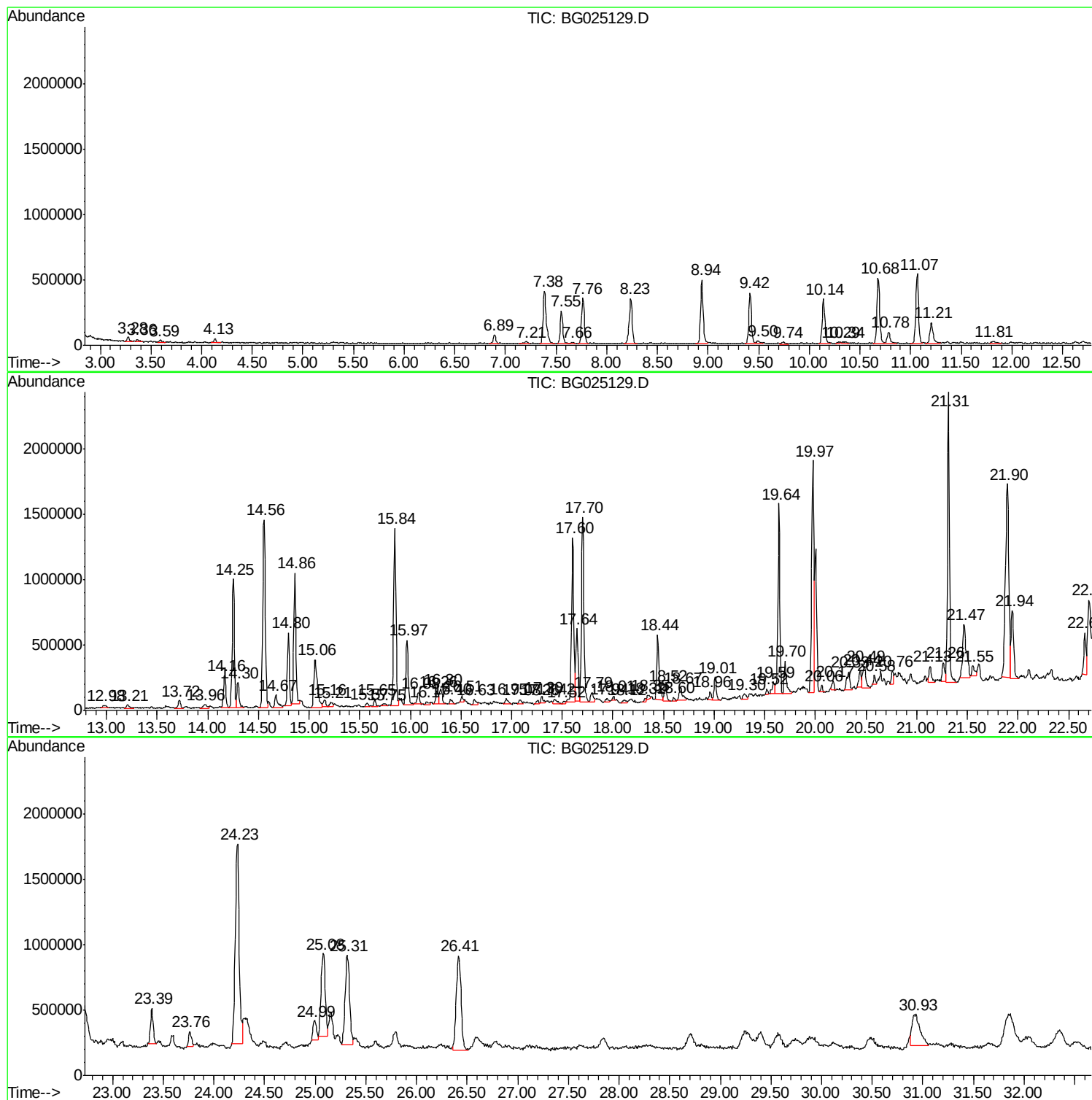
Sum of corrected areas: 59087153

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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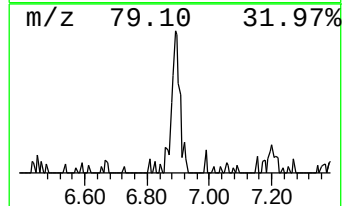
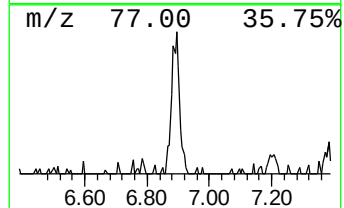
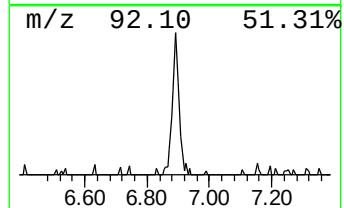
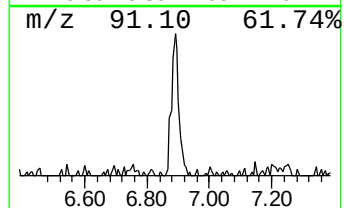
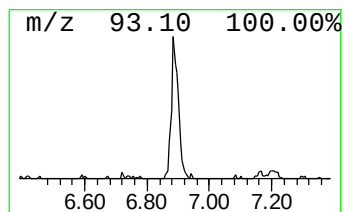
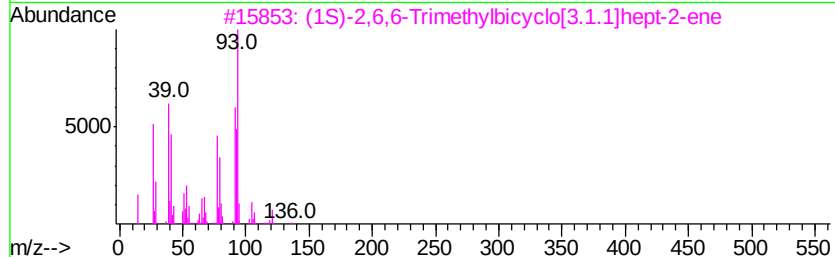
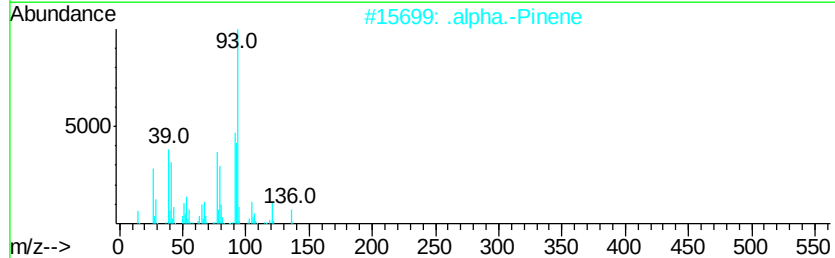
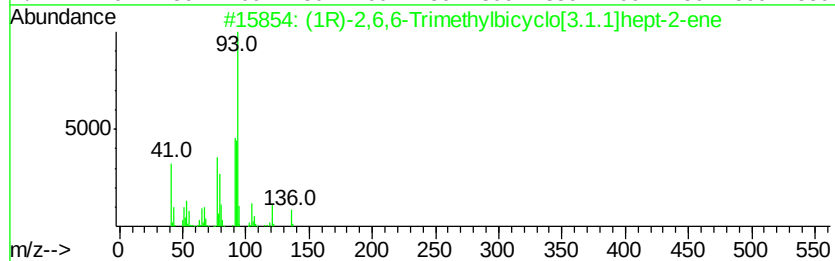
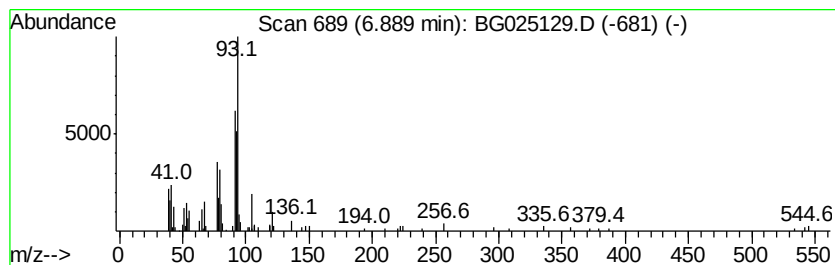
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	3.68 ng/ul	127872	1,4-Dichlorobenzene-d4	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	93
2		.alpha.-Pinene	136	C10H16	000080-56-8	90
3		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	72
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	68
5		1,3,6-Octatriene, 3,7-dimethyl-, (1R)-	136	C10H16	003338-55-4	64



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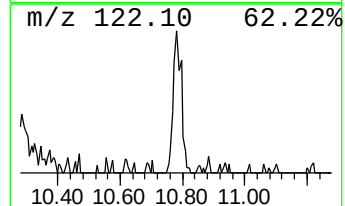
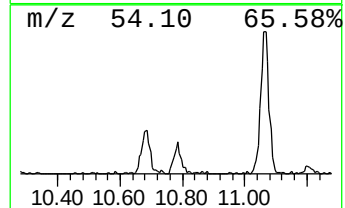
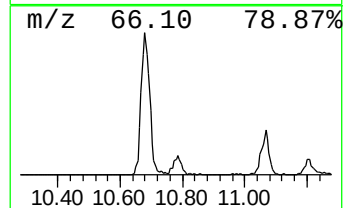
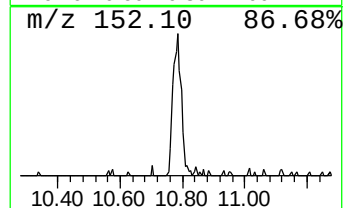
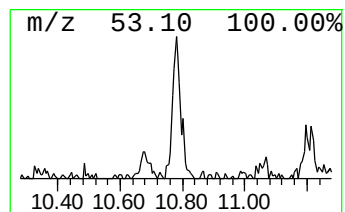
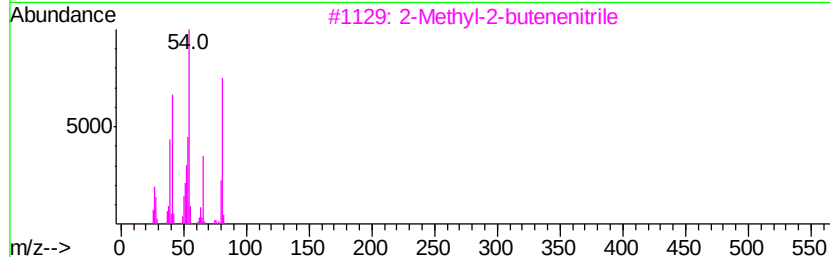
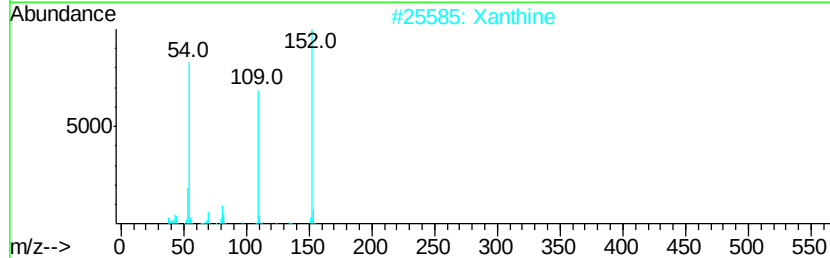
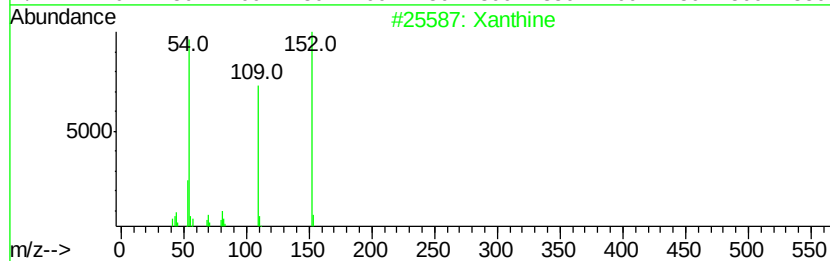
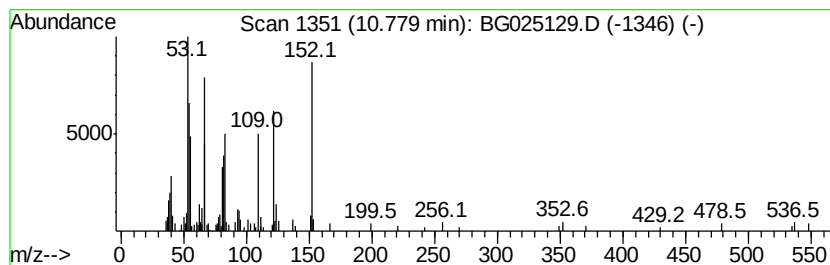
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	3.28 ng/ul	167728	Naphthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Xanthine	152	C5H4N4O2	000069-89-6	25
2		Xanthine	152	C5H4N4O2	000069-89-6	22
3		2-Methyl-2-butenenitrile	81	C5H7N	004403-61-6	18
4		3-Butenenitrile, 2-methyl-	81	C5H7N	016529-56-9	18
5		Furazan-3-carbohydrazide, 4-amino-	143	C3H5N5O2	246048-72-6	18



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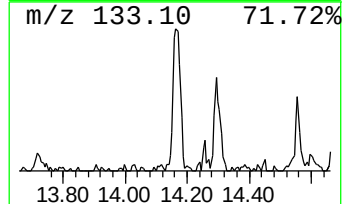
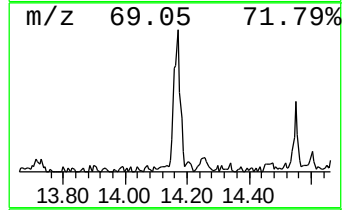
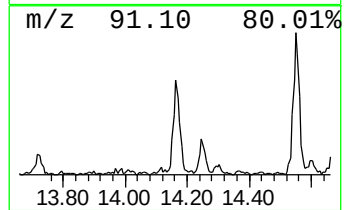
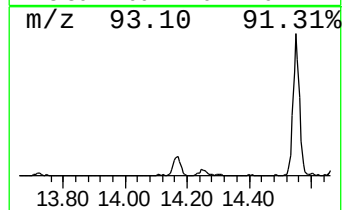
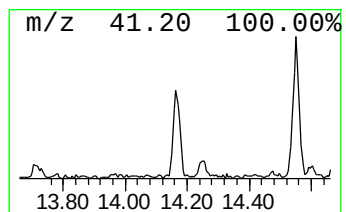
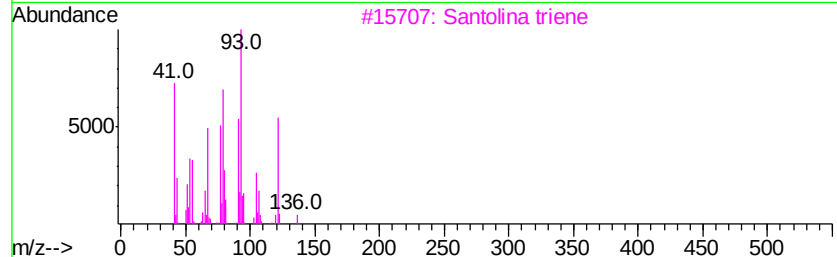
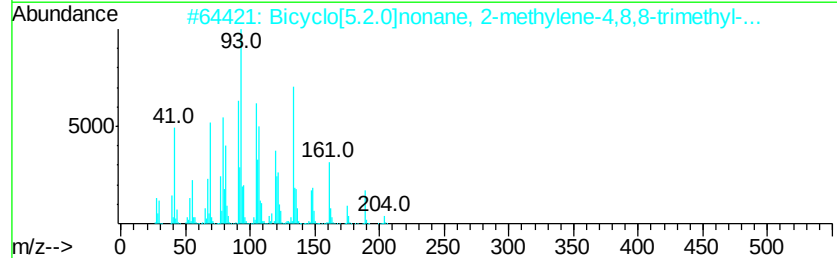
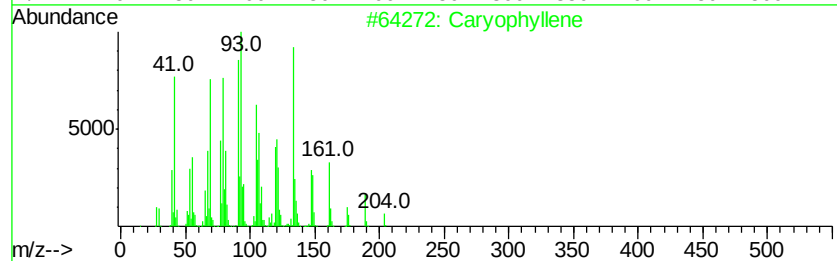
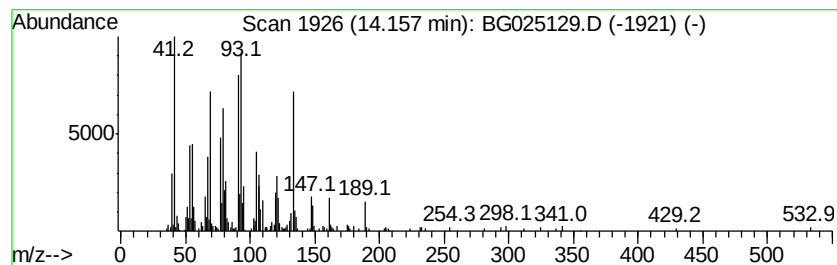
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Peak Number 3 Caryophyllene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	4.87 ng/ul	386840	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Caryophyllene	204	C15H24	000087-44-5	70
2		Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	64
3		Santolina triene	136	C10H16	002153-66-4	58
4		Caryophyllene	204	C15H24	000087-44-5	55
5		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
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Acq On : 13 Dec 2016 00:40
Operator : UM/SJ
Sample : H5990-01
Misc :
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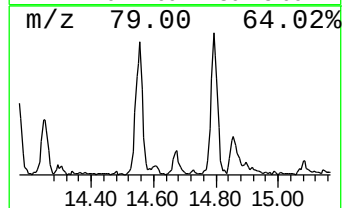
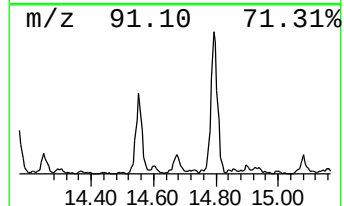
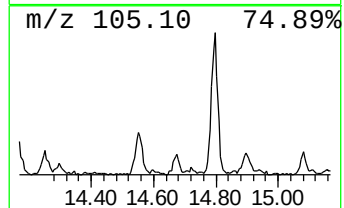
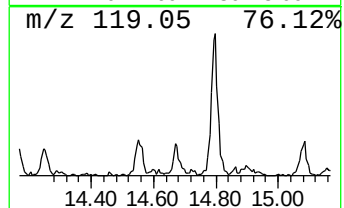
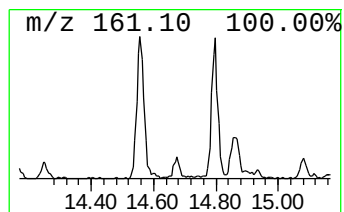
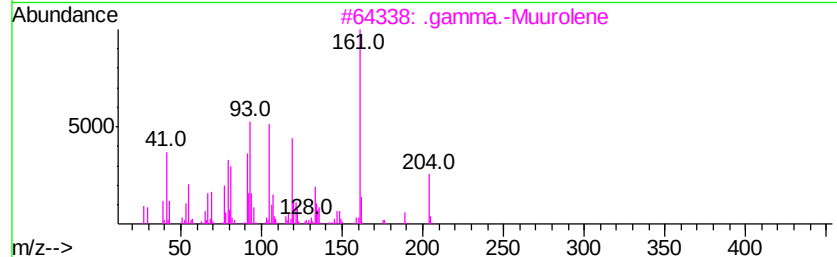
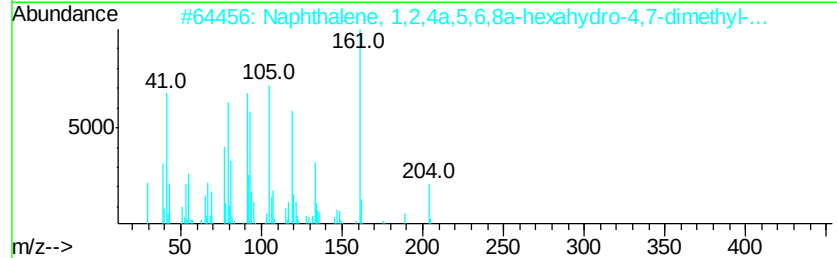
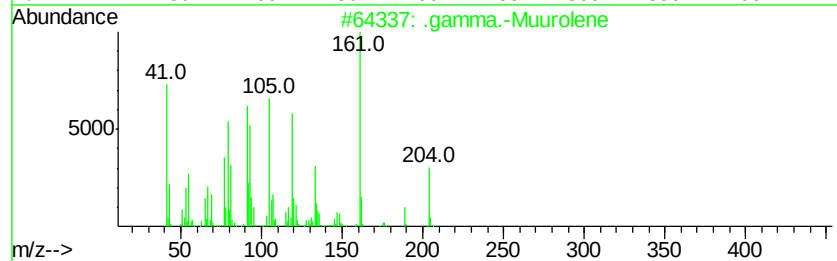
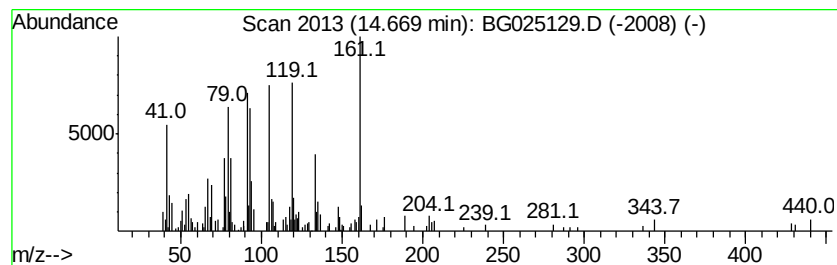
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 .gamma.-Muurolene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.49 ng/ul	197956	Acenaphthene-d10	14.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Muurolene	204 C15H24	030021-74-0 97
2		Naphthalene, 1,2,4a,5,6,8a-hexah...	204 C15H24	000483-75-0 91
3		.gamma.-Muurolene	204 C15H24	030021-74-0 91
4		1,6-Cyclodecadiene, 1-methyl-5-m...	204 C15H24	023986-74-5 83
5		1H-Cyclopenta[1,3]cyclopropa[1,2...	204 C15H24	013744-15-5 76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025129.D
Acq On : 13 Dec 2016 00:40
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Misc :
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Instrument :
BNA_G
ClientSampleId :
BACKGROUND01-0106-03

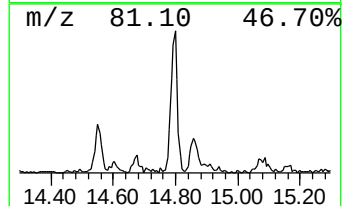
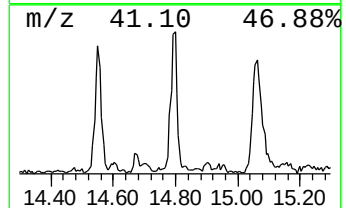
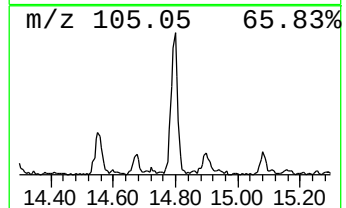
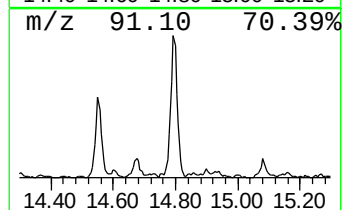
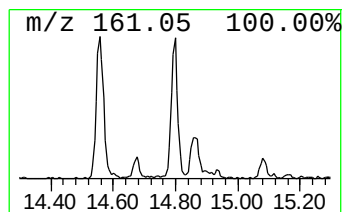
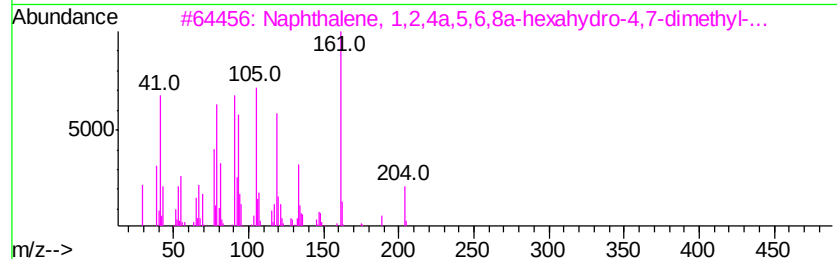
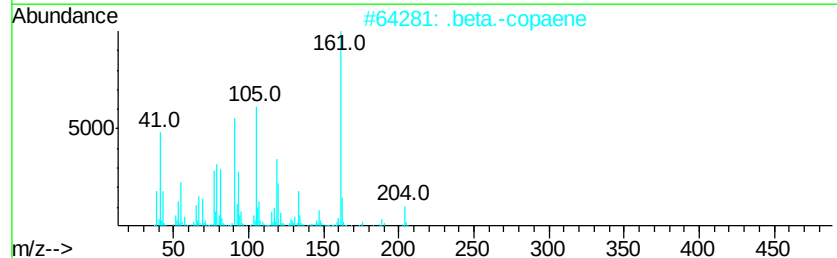
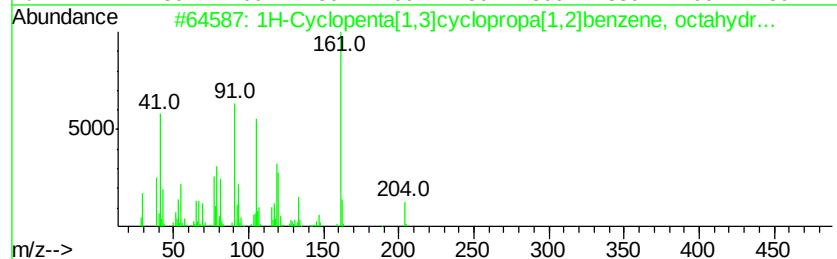
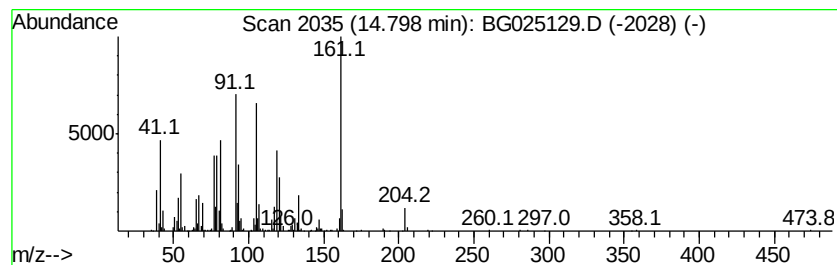
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	10.66 ng/ul	846716	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopenta[1,3]cyclopropa[1,2]...	204	C15H24	013744-15-5	94
2		.beta.-copaene	204	C15H24	1000374-18-9	94
3		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	92
4		1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	64
5		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	62



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025129.D
Acq On : 13 Dec 2016 00:40
Operator : UM/SJ
Sample : H5990-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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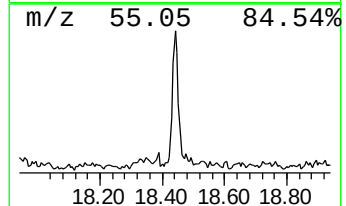
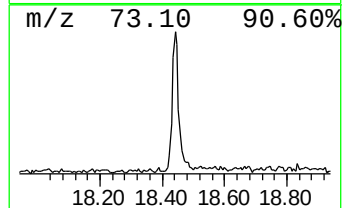
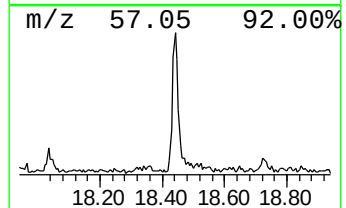
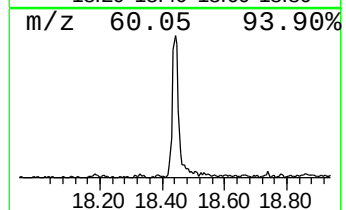
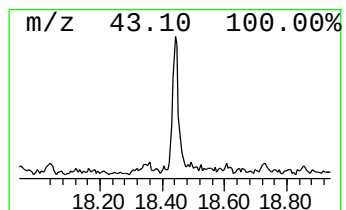
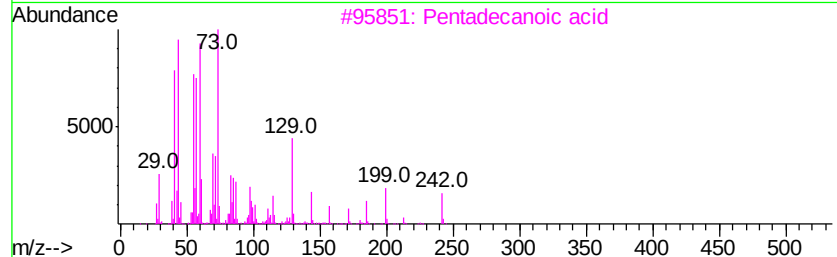
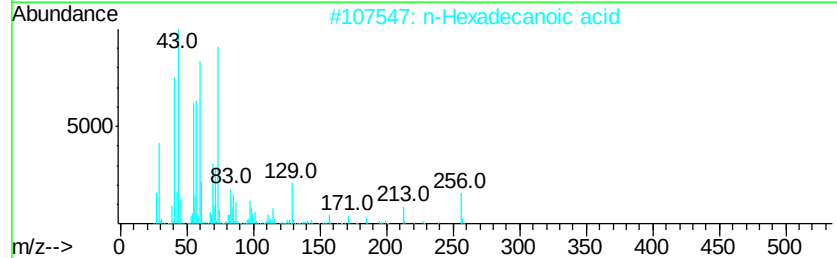
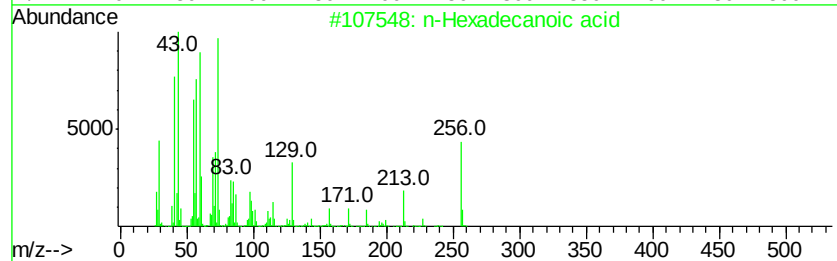
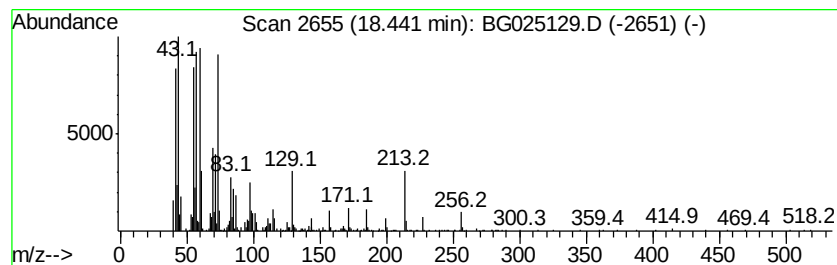
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	7.42 ng/ul	758063	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025129.D
Acq On : 13 Dec 2016 00:40
Operator : UM/SJ
Sample : H5990-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BACKGROUND01-0106-03

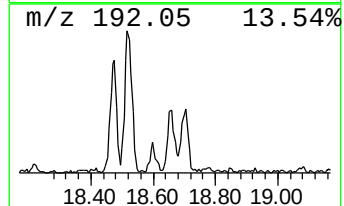
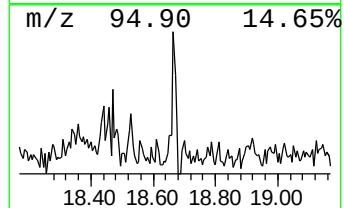
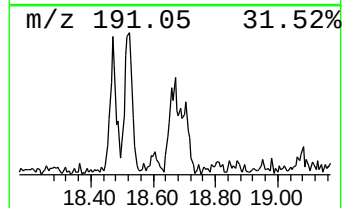
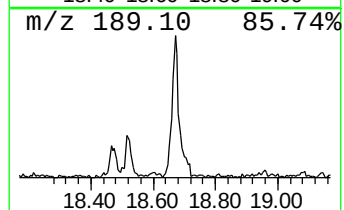
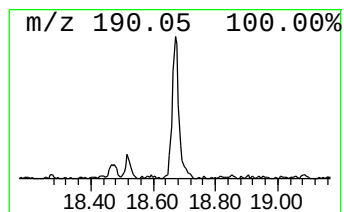
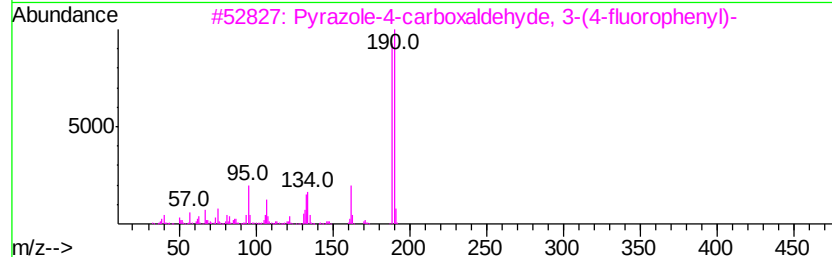
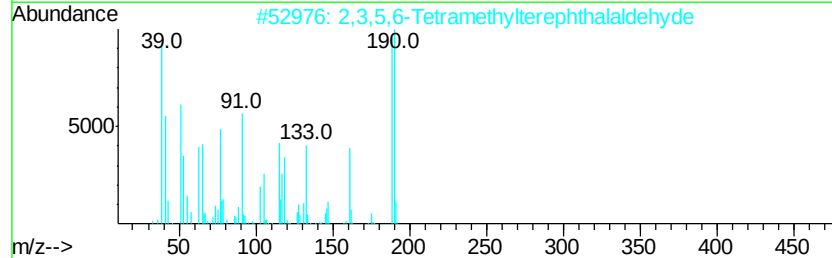
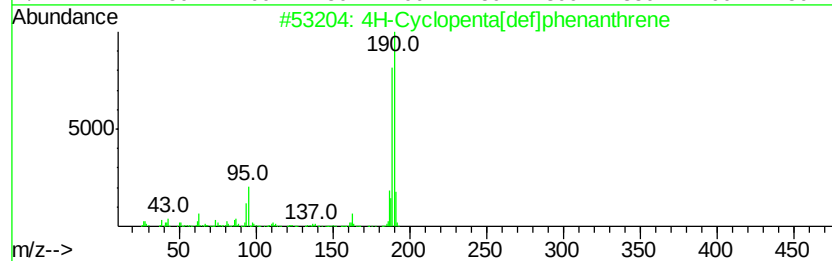
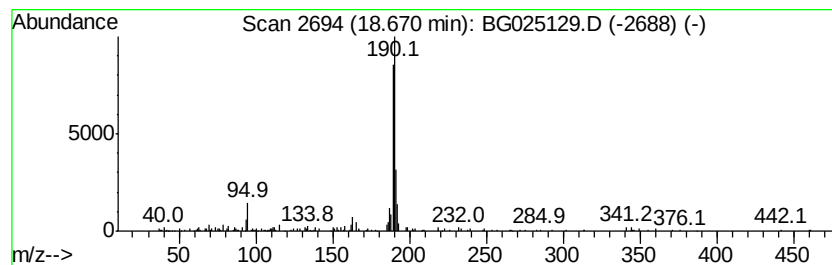
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.40 ng/ul	244958	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	59
3		Pvrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	59
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025129.D
Acq On : 13 Dec 2016 00:40
Operator : UM/SJ
Sample : H5990-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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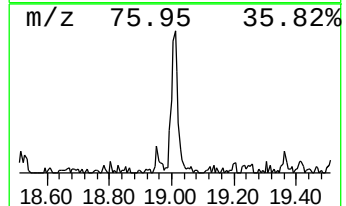
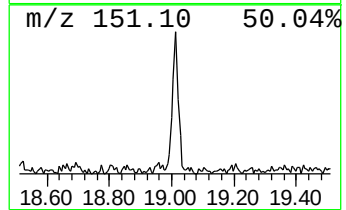
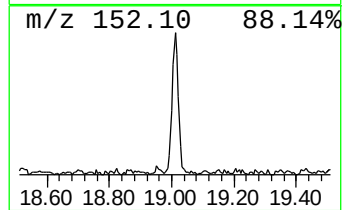
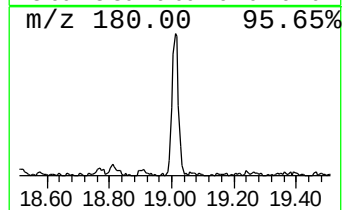
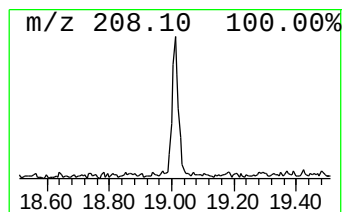
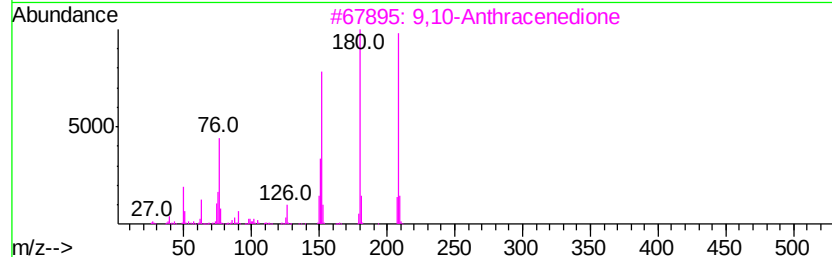
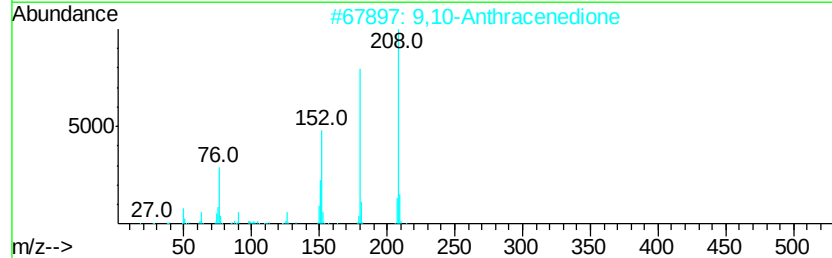
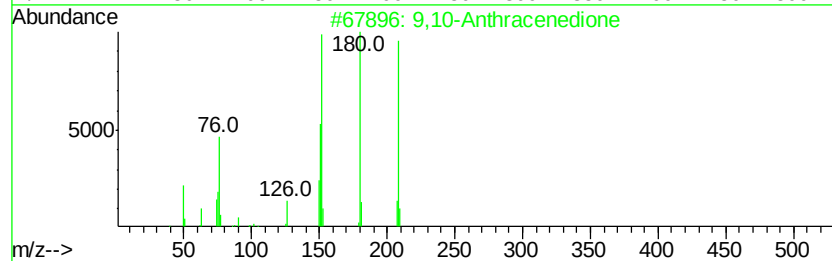
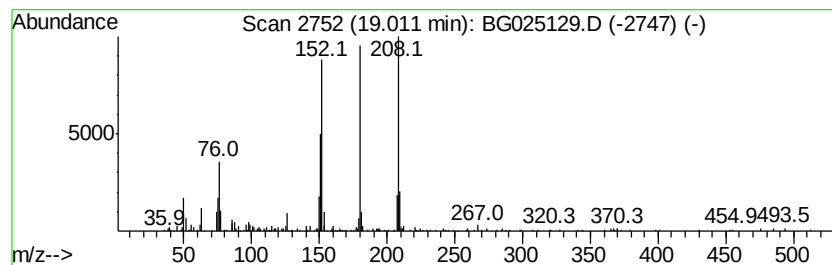
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.66 ng/ul	271467	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025129.D
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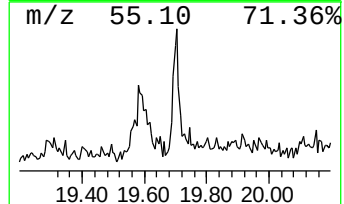
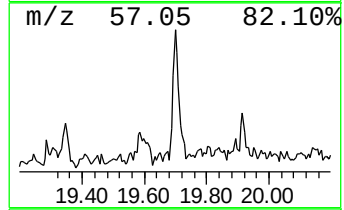
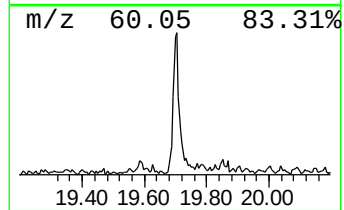
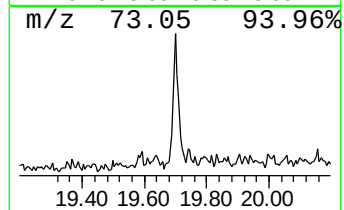
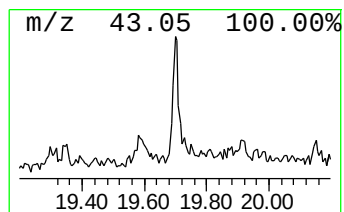
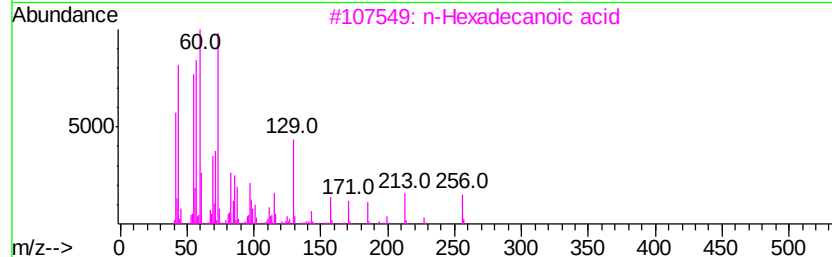
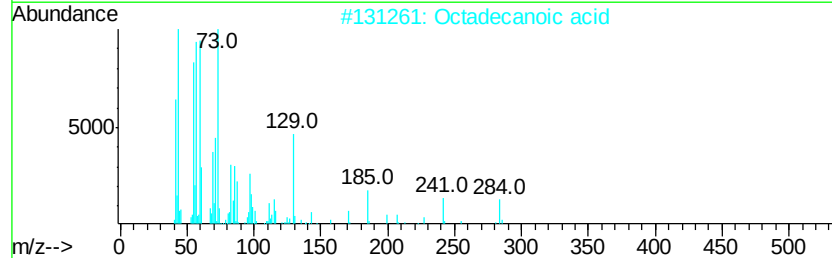
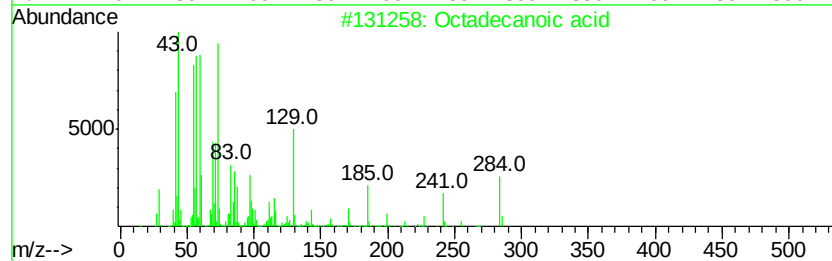
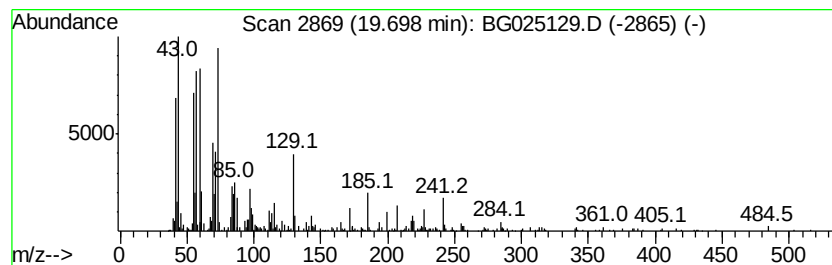
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	3.77 ng/ul	385273	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2		Octadecanoic acid	284	C18H36O2	000057-11-4	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
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Acq On : 13 Dec 2016 00:40
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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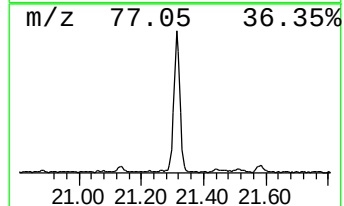
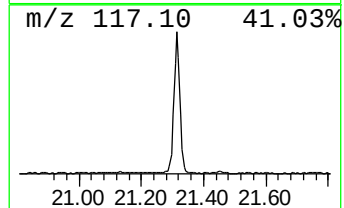
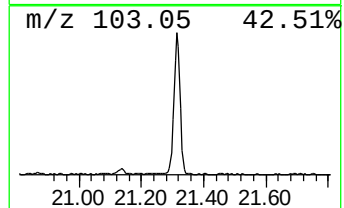
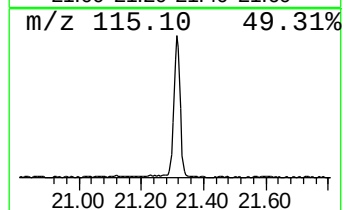
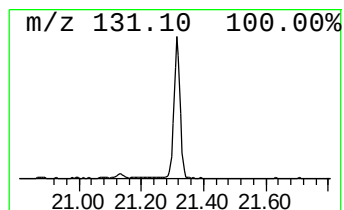
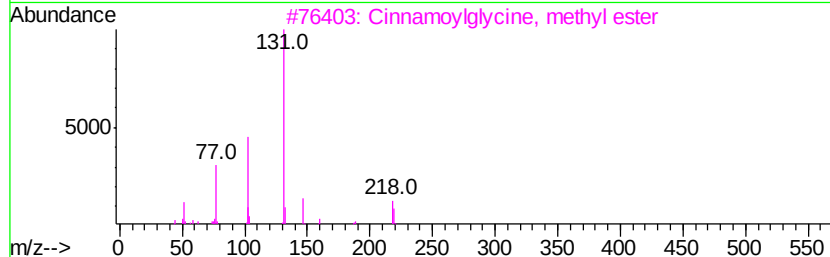
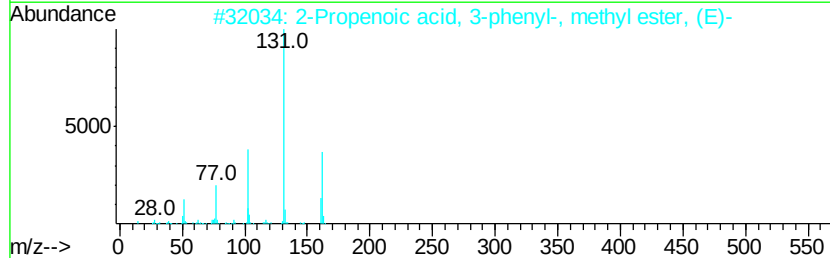
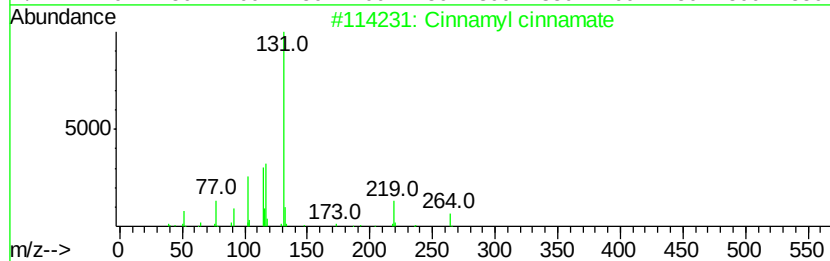
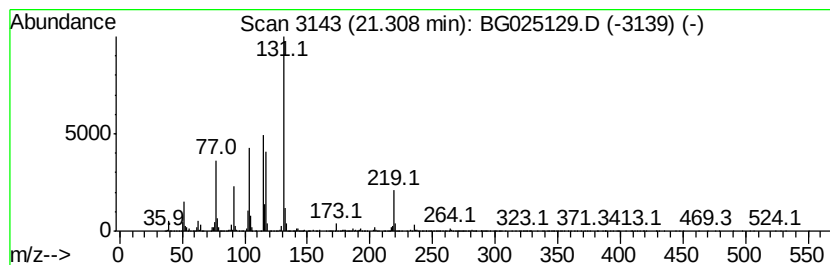
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cinnamyl cinnamate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	18.54 ng/ul	3157940	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	59
2		2-Propenoic acid, 3-phenyl-, met...	162	C10H10O2	001754-62-7	47
3		Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47
4		trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	43
5		p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
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Acq On : 13 Dec 2016 00:40
Operator : UM/SJ
Sample : H5990-01
Misc :
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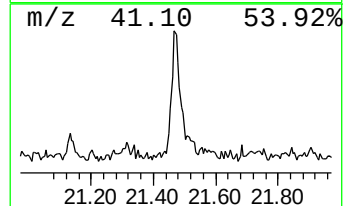
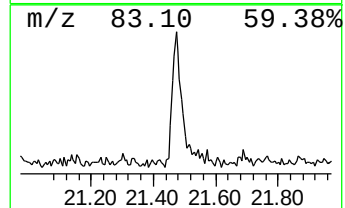
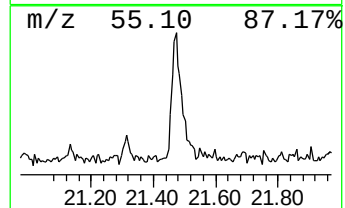
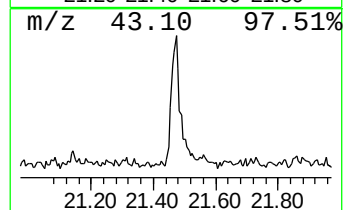
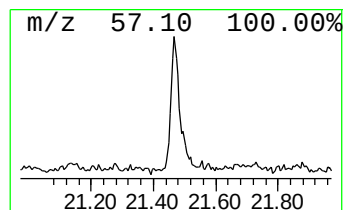
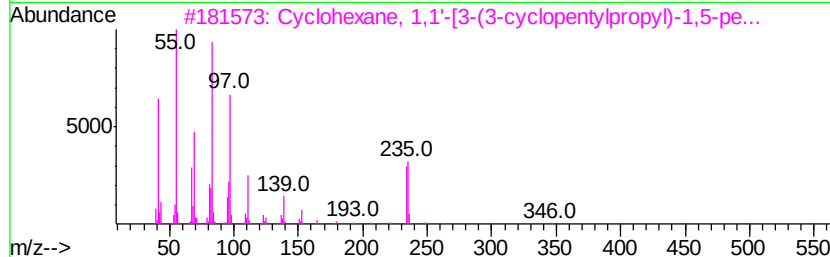
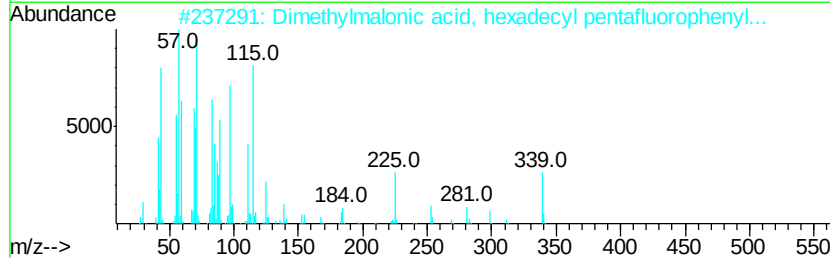
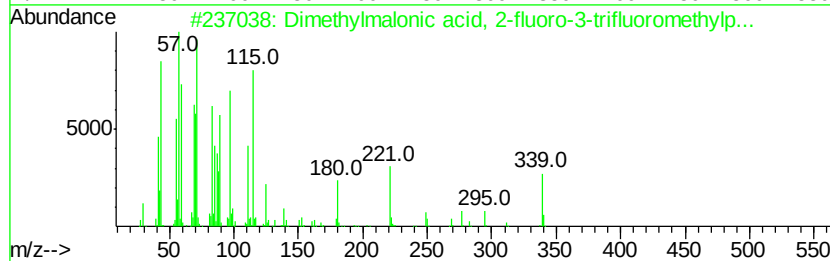
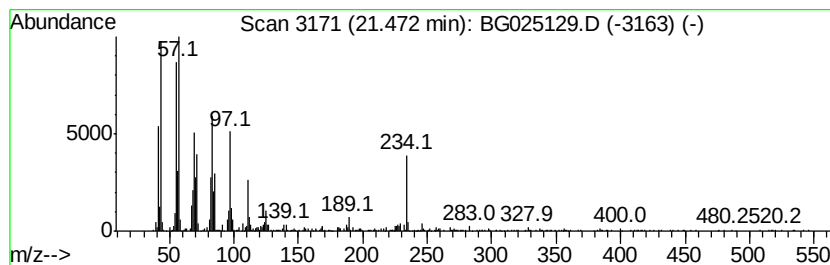
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.47	6.31 ng/ul	1074890	Chrysene-d12	21.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethylmalonic acid, 2-fluoro-3...	518	C28H42F4O4	1000362-00-8	43
2	Dimethylmalonic acid, hexadecyl ...	522	C27H39F5O4	1000363-67-3	38
3	Cyclohexane, 1,1'-[3-(3-cyclopent...	346	C25H46	055401-70-2	25
4	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	25
5	Cyclohexane, [6-cyclopentyl-3-(3...	346	C25H46	055401-72-4	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
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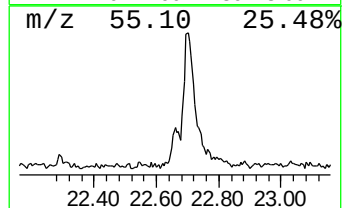
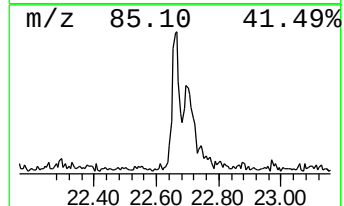
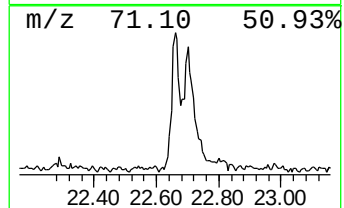
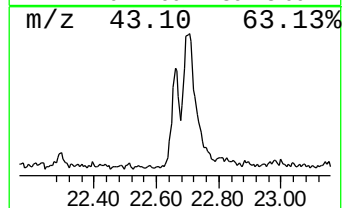
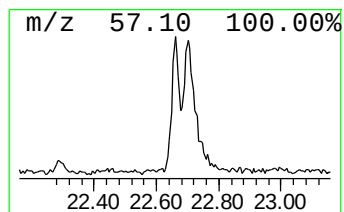
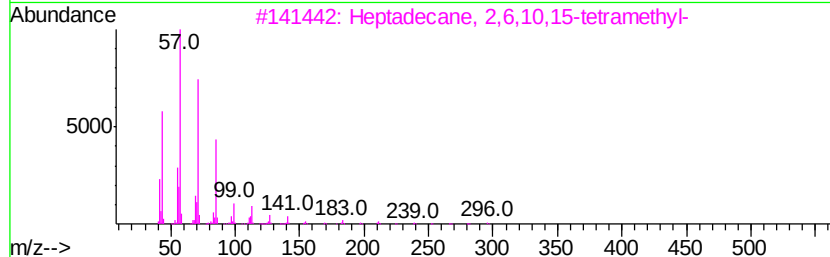
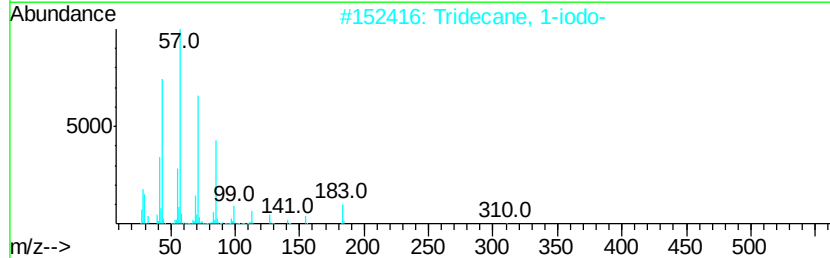
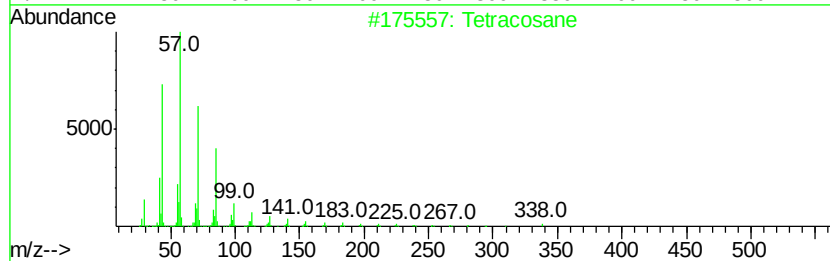
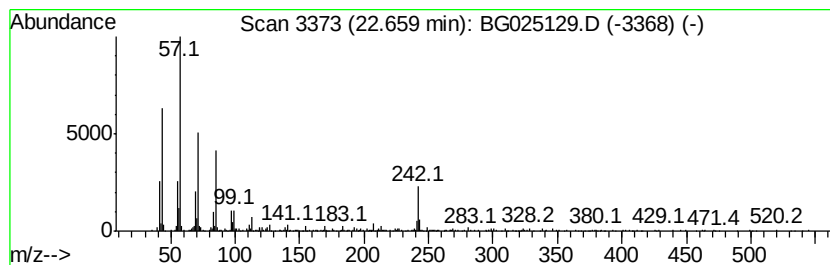
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.92 ng/ul	496790	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	83
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4		Tricosane, 2-methyl-	338	C24H50	001928-30-9	64
5		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025129.D
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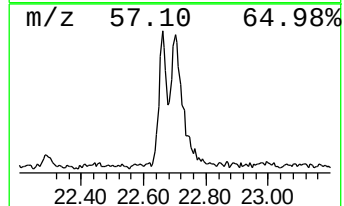
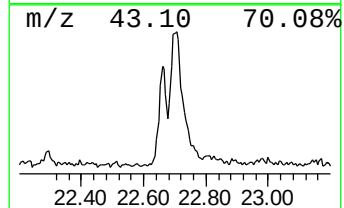
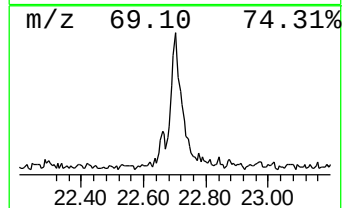
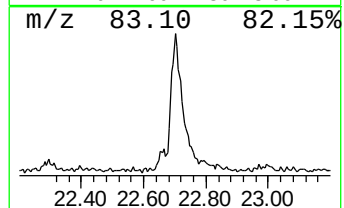
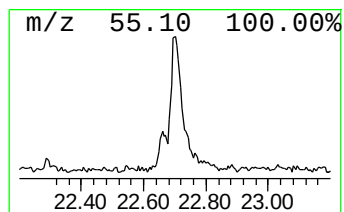
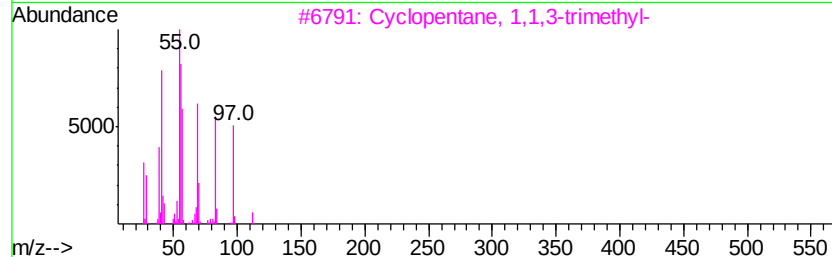
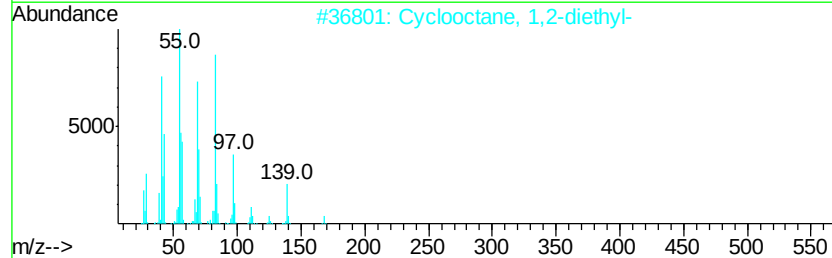
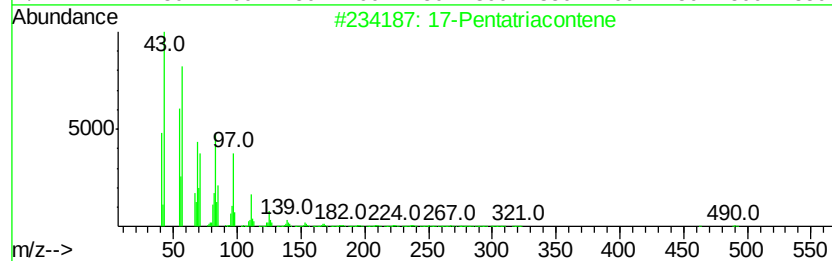
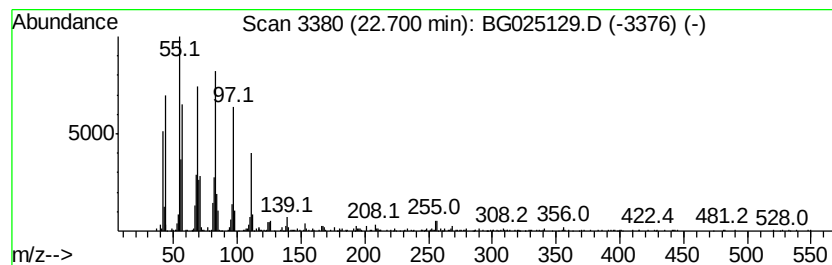
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Cyclic22.70 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	10.15 ng/ul	1728930	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	68
3		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	64
4		Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	58
5		1-Docosene	308	C22H44	001599-67-3	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025129.D
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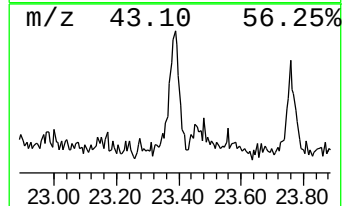
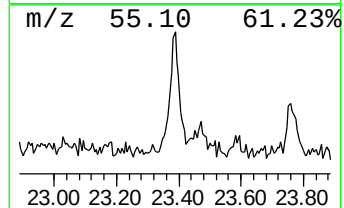
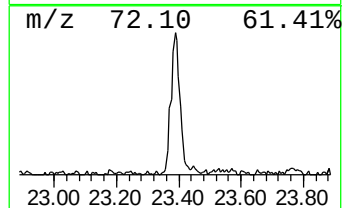
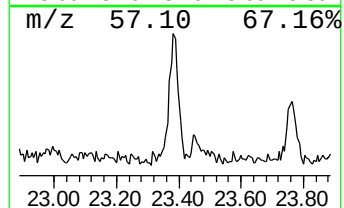
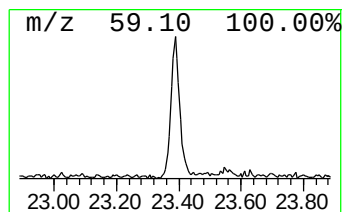
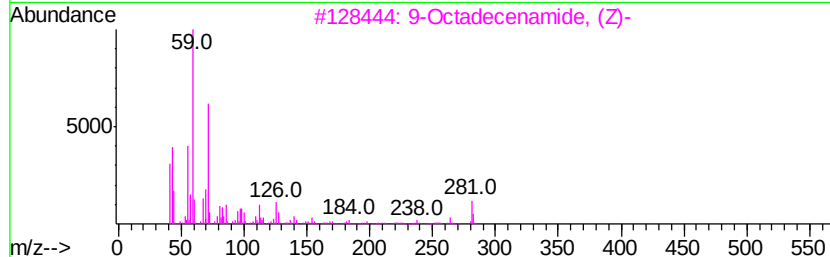
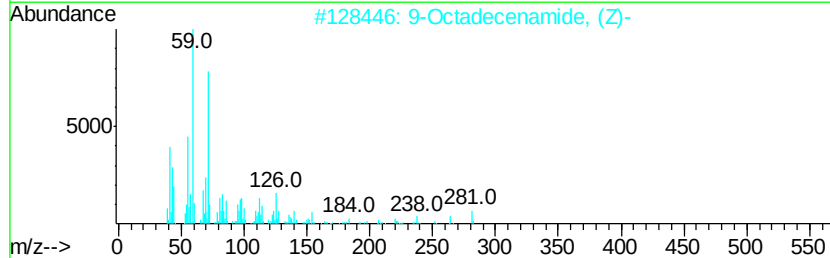
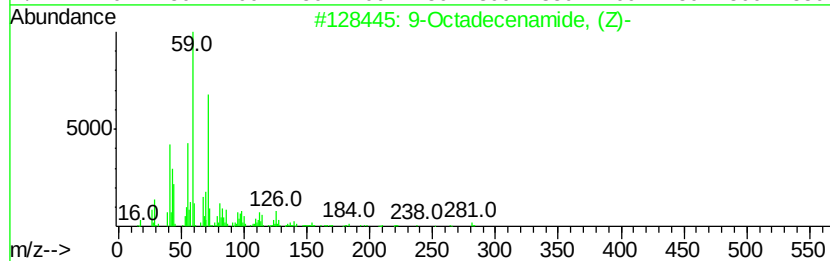
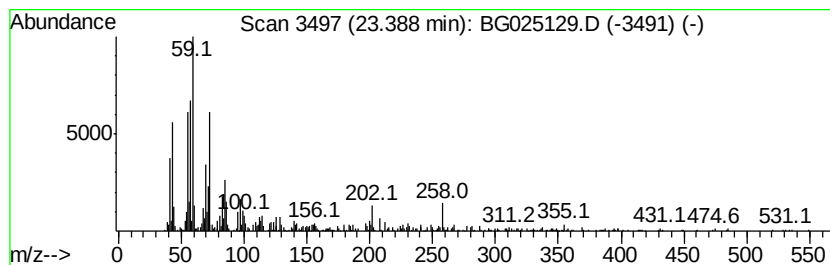
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	3.07 ng/ul	522547	Chrysene-d12	21.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	92
2			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70
3			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70
4			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70
5			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	62



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025129.D
Acq On : 13 Dec 2016 00:40
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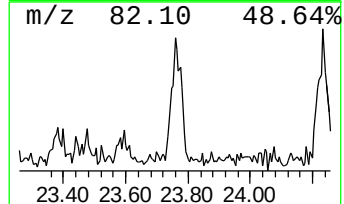
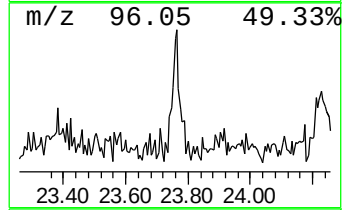
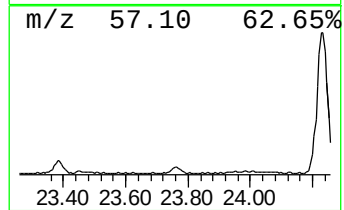
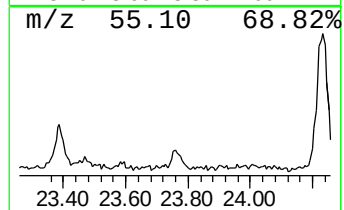
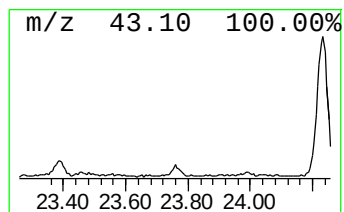
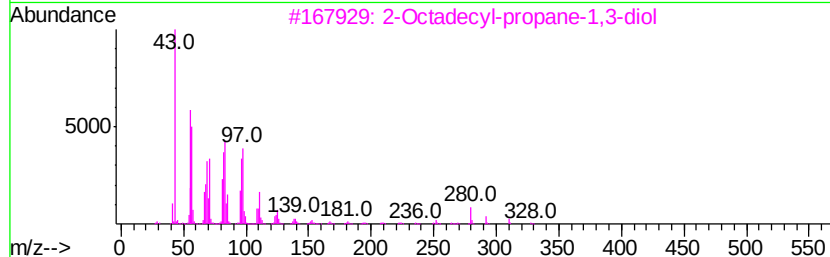
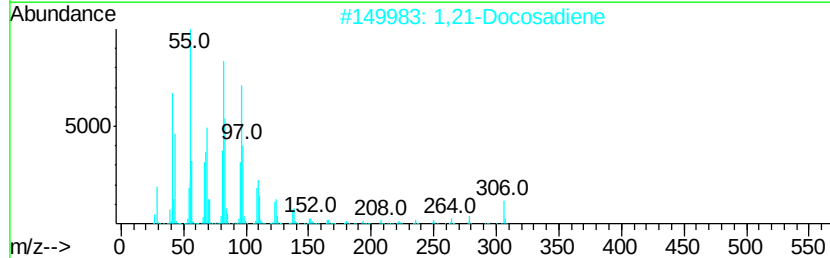
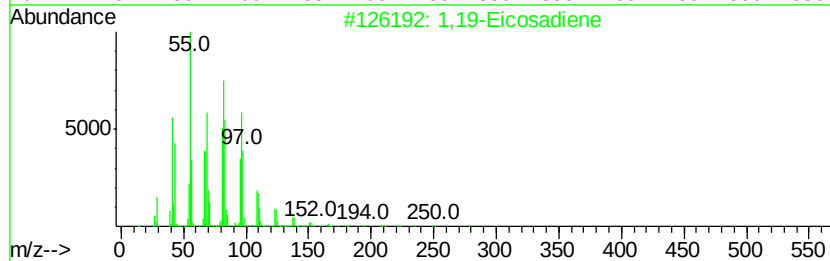
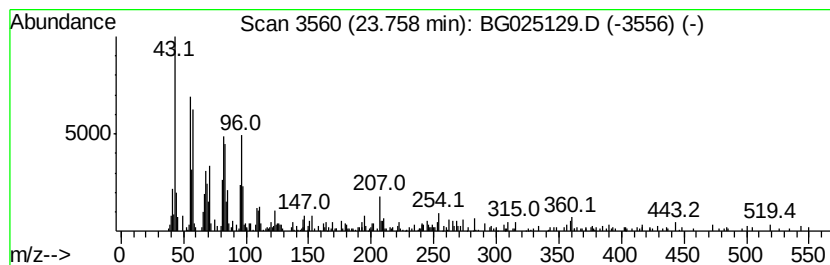
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,19-Eicosadiene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.25 ng/ul	236776	Perylene-d12	25.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,19-Eicosadiene	278	C20H38	014811-95-1	83
2			1,21-Docosadiene	306	C22H42	053057-53-7	83
3			2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	60
4			Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	58
5			Tridecane, 7-cyclohexyl-	266	C19H38	013151-92-3	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
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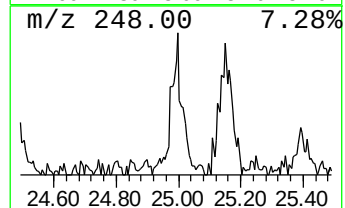
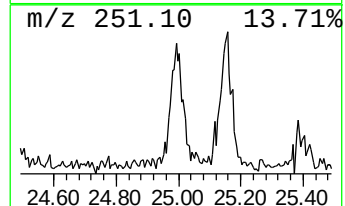
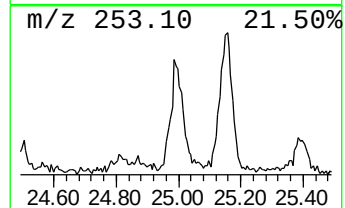
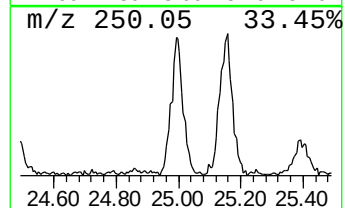
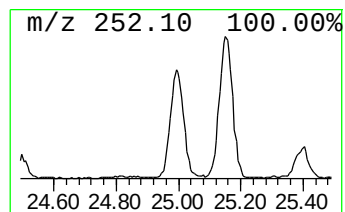
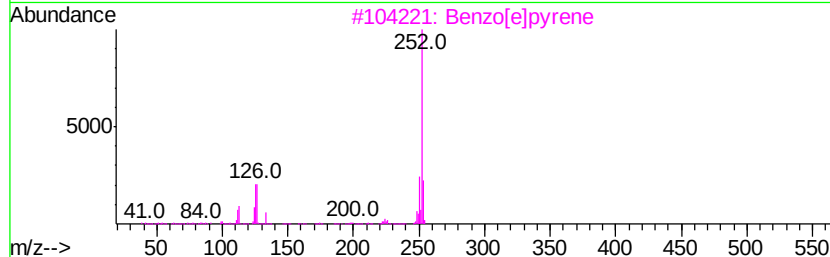
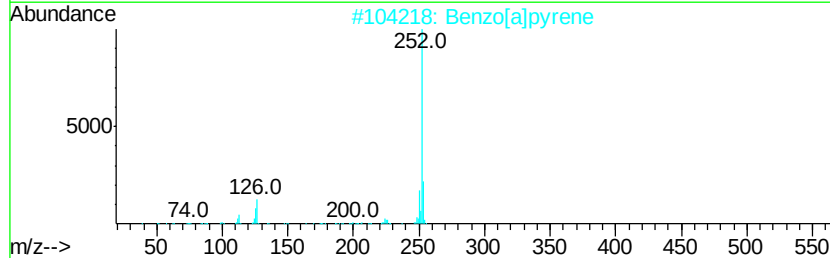
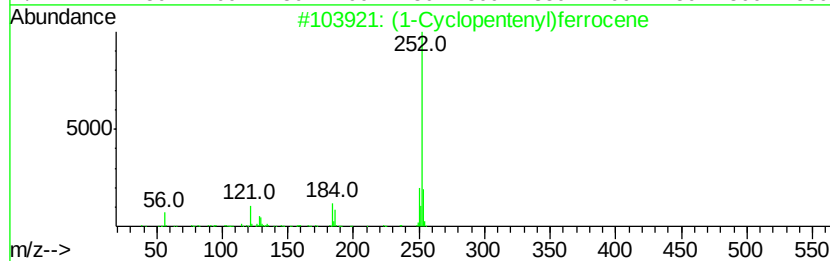
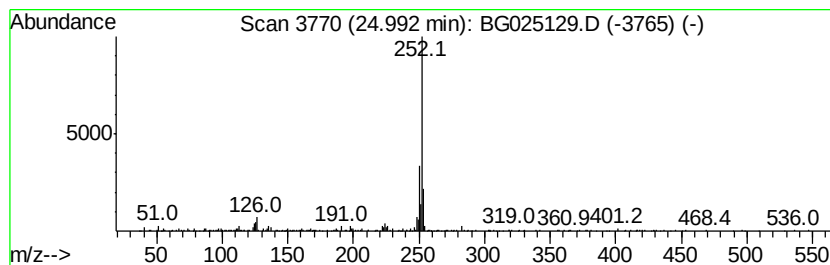
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (1-Cyclopentenyl)ferrocene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	3.36 ng/ul	352984	Perylene-d12	25.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	78
2		Benzo[a]pyrene	252	C20H12	000050-32-8	76
3		Benzo[e]pyrene	252	C20H12	000192-97-2	76
4		Benzo[a]pyrene	252	C20H12	000192-97-2	76
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025129.D
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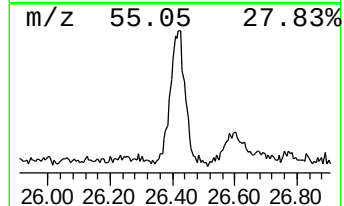
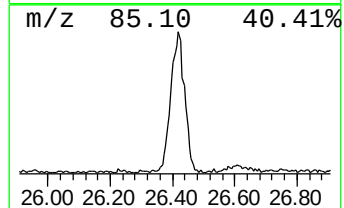
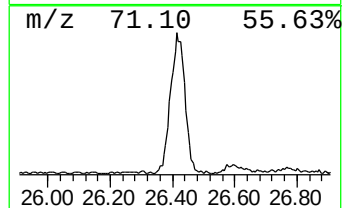
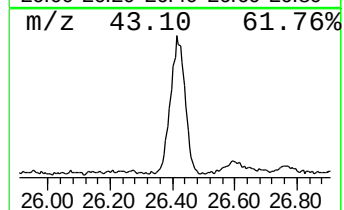
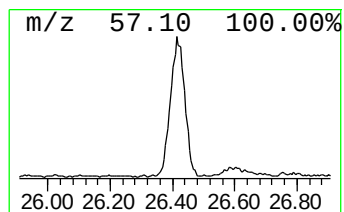
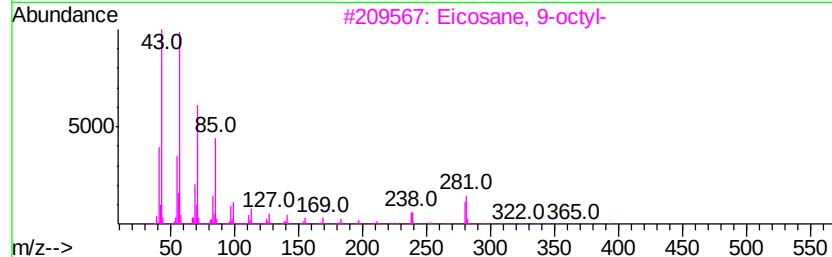
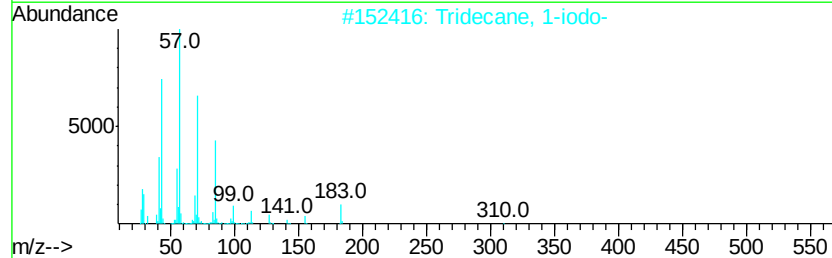
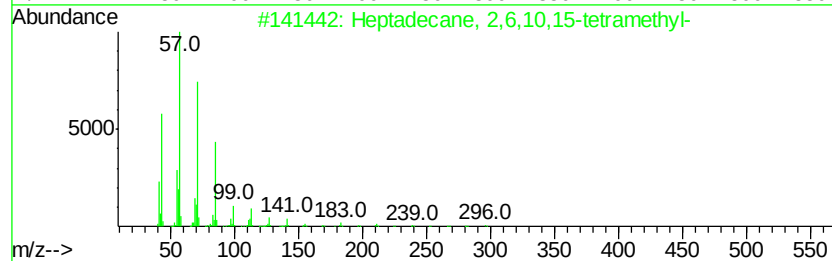
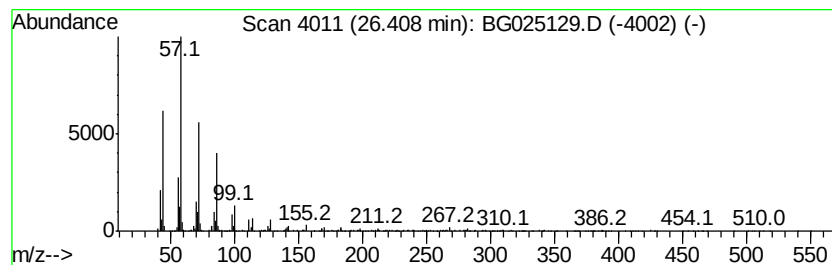
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.41	22.74 ng/ul	2388420	Perylene-d12	25.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025129.D
Acq On : 13 Dec 2016 00:40
Operator : UM/SJ
Sample : H5990-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BACKGROUND01-0106-03

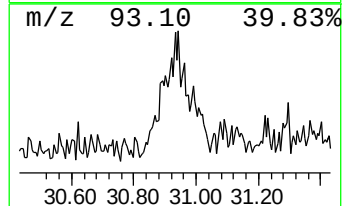
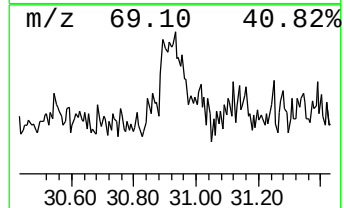
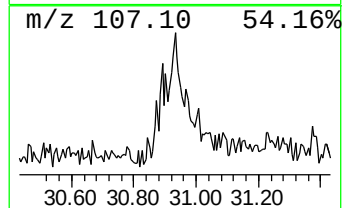
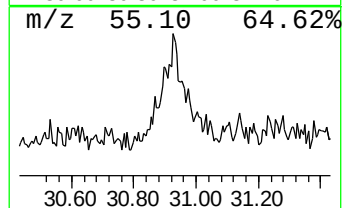
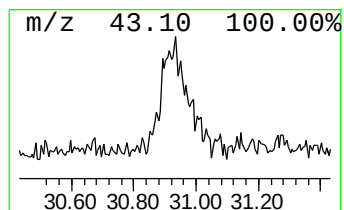
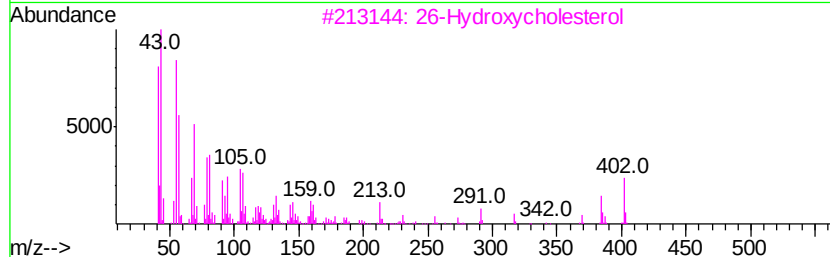
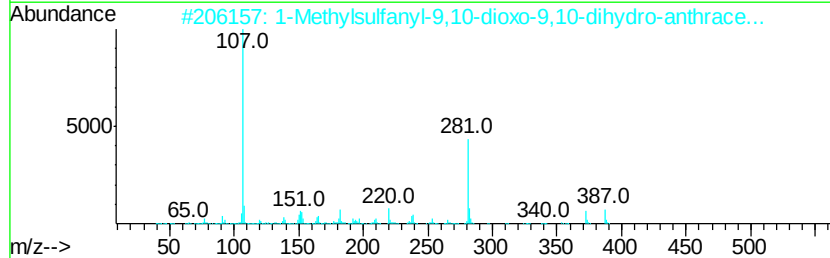
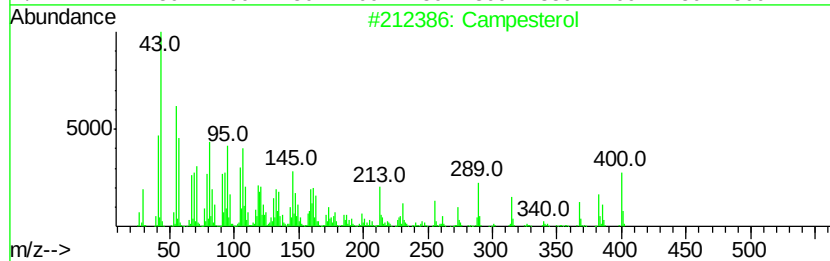
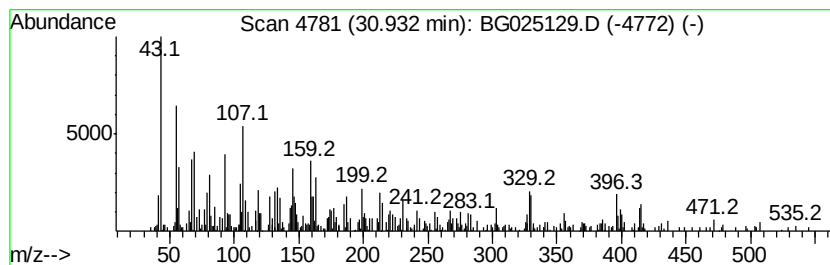
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.93	12.27 ng/ul	1289210	Perylene-d12	25.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Campesterol	400	C28H48O	000474-62-4	42
2		1-Methylsulfonyl-9,10-dioxo-9,10...	387	C23H17N03S	1000300-23-9	27
3		26-Hydroxycholesterol	402	C27H46O2	013095-61-9	27
4		.beta.-Sitosterol	414	C29H50O	000083-46-5	27
5		.gamma.-Sitosterol	414	C29H50O	000083-47-6	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
 Data File : BG025129.D
 Acq On : 13 Dec 2016 00:40
 Operator : UM/SJ
 Sample : H5990-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKGROUND01-0106-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
(1R)-2,6,6-Trimet...	6.89	3.7	ng/ul	127872	1	8.23	695037	20.0
unknown-01	10.78	3.3	ng/ul	167728	2	11.07	1021480	20.0
Caryophyllene	14.16	4.9	ng/ul	386840	3	14.86	1587950	20.0
.gamma.-Muurolene	14.67	2.5	ng/ul	197956	3	14.86	1587950	20.0
1H-Cyclopenta[1,3...	14.80	10.7	ng/ul	846716	3	14.86	1587950	20.0
n-Hexadecanoic acid	18.44	7.4	ng/ul	758063	4	17.60	2044370	20.0
4H-Cyclopenta[def...	18.67	2.4	ng/ul	244958	4	17.60	2044370	20.0
9,10-Anthracenedione	19.01	2.7	ng/ul	271467	4	17.60	2044370	20.0
Octadecanoic acid	19.70	3.8	ng/ul	385273	4	17.60	2044370	20.0
Cinnamyl cinnamate	21.31	18.5	ng/ul	3157940	5	21.90	3406310	20.0
unknown-02	21.47	6.3	ng/ul	1074890	5	21.90	3406310	20.0
(DEL) Alkane: Str...	22.66	2.9	ng/ul	496790	5	21.90	3406310	20.0
(DEL) Alkane: Cyc...	22.70	10.2	ng/ul	1728930	5	21.90	3406310	20.0
9-Octadecenamide,...	23.39	3.1	ng/ul	522547	5	21.90	3406310	20.0
1,19-Eicosadiene	23.76	2.3	ng/ul	236776	6	25.31	2100940	20.0
(1-Cyclopentenyl)...	24.99	3.4	ng/ul	352984	6	25.31	2100940	20.0
(DEL) Alkane: Str...	26.41	22.7	ng/ul	2388420	6	25.31	2100940	20.0
unknown-03	30.93	12.3	ng/ul	1289210	6	25.31	2100940	20.0