

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001865.D
 Acq On : 07 Jul 2015 13:24
 Operator : TP/UM
 Sample : G2861-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.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	2.852	24	28	30	rVV	165590	209656	2.17%	0.227%
2	2.887	30	34	39	rVV	1479580	1944038	20.08%	2.101%
3	2.934	39	42	56	rVB	102428	155466	1.61%	0.168%
4	3.663	160	166	174	rVB	171926	221699	2.29%	0.240%
5	5.669	502	507	516	rBV2	71330	135140	1.40%	0.146%
6	6.839	697	706	719	rBV2	75410	152119	1.57%	0.164%
7	7.198	762	767	773	rBB	79183	119755	1.24%	0.129%
8	7.669	836	847	854	rBV	261546	411605	4.25%	0.445%
9	8.204	932	938	951	rBV	85809	147200	1.52%	0.159%
10	8.375	962	967	972	rVV	87910	135208	1.40%	0.146%
11	9.486	1150	1156	1161	rVV	92451	146585	1.51%	0.158%
12	10.080	1252	1257	1265	rVB	100994	164806	1.70%	0.178%
13	10.457	1311	1321	1325	rBV	308270	569025	5.88%	0.615%
14	10.510	1325	1330	1338	rVV	1552887	2574380	26.59%	2.782%
15	10.622	1340	1349	1360	rVB3	40962	129757	1.34%	0.140%
16	12.127	1597	1605	1612	rBV	785493	1267285	13.09%	1.369%
17	12.351	1635	1643	1651	rVB	532415	832230	8.59%	0.899%
18	13.151	1771	1779	1784	rBV	263730	411797	4.25%	0.445%
19	13.204	1784	1788	1796	rVB	108206	157889	1.63%	0.171%
20	13.480	1825	1835	1836	rBV	177143	252693	2.61%	0.273%
21	13.639	1854	1862	1867	rBV	317057	556565	5.75%	0.601%
22	13.698	1867	1872	1875	rVV	229412	352493	3.64%	0.381%
23	13.733	1875	1878	1882	rVV	155413	212729	2.20%	0.230%
24	13.780	1882	1886	1893	rVV3	134659	229159	2.37%	0.248%
25	13.880	1898	1903	1906	rVV	171013	251574	2.60%	0.272%
26	14.045	1920	1931	1943	rVB2	777447	1474041	15.22%	1.593%
27	14.215	1955	1960	1965	rBV	95736	142629	1.47%	0.154%
28	14.327	1965	1979	1984	rVV3	443641	863152	8.91%	0.933%
29	14.386	1984	1989	1997	rVB	372684	609255	6.29%	0.658%
30	14.533	2008	2014	2022	rBV3	102783	196838	2.03%	0.213%
31	14.727	2041	2047	2053	rVB	962274	1497159	15.46%	1.618%
32	14.798	2053	2059	2063	rBV	93568	129254	1.33%	0.140%
33	14.939	2075	2083	2088	rBV3	96490	212287	2.19%	0.229%
34	14.998	2088	2093	2103	rVB2	95350	154530	1.60%	0.167%

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35	15.115	2104	2113	2116	rBV	87702	188640	1.95%	0.204%
36	15.321	2143	2148	2152	rVV	262935	397751	4.11%	0.430%
37	15.374	2152	2157	2167	rVB	1362883	2060707	21.28%	2.227%
38	15.580	2188	2192	2197	rBV4	85192	134044	1.38%	0.145%
39	15.668	2202	2207	2213	rVB	227616	329271	3.40%	0.356%
40	15.815	2223	2232	2240	rVB2	256131	610820	6.31%	0.660%
41	15.904	2240	2247	2255	rVB3	62480	142335	1.47%	0.154%
42	16.051	2265	2272	2283	rVB4	182238	437506	4.52%	0.473%
43	16.380	2317	2328	2332	rBV4	176706	398388	4.11%	0.430%
44	16.427	2332	2336	2342	rVB	96772	141721	1.46%	0.153%
45	16.527	2349	2353	2358	rVB	80326	123419	1.27%	0.133%
46	16.609	2358	2367	2370	rBV3	109433	212611	2.20%	0.230%
47	16.727	2383	2387	2394	rVB2	164345	263440	2.72%	0.285%
48	16.804	2395	2400	2401	rVV	101807	137465	1.42%	0.149%
49	16.821	2401	2403	2407	rVV	125708	176802	1.83%	0.191%
50	16.892	2407	2415	2424	rVB	289281	564695	5.83%	0.610%
51	17.074	2441	2446	2449	rVV	540022	854389	8.82%	0.923%
52	17.127	2449	2455	2459	rVV	6646746	9683315	100.00%	10.463%
53	17.174	2459	2463	2465	rVV2	351081	486941	5.03%	0.526%
54	17.209	2465	2469	2474	rVV	1388275	1864701	19.26%	2.015%
55	17.262	2474	2478	2483	rVB2	63888	119834	1.24%	0.129%
56	17.480	2505	2515	2526	rBV2	564724	954552	9.86%	1.031%
57	17.562	2526	2529	2531	rVV	116098	143736	1.48%	0.155%
58	17.592	2531	2534	2539	rVV2	117473	173929	1.80%	0.188%
59	17.651	2540	2544	2552	rVB6	68597	158873	1.64%	0.172%
60	17.945	2590	2594	2599	rBV	374046	619543	6.40%	0.669%
61	17.998	2599	2603	2608	rVB	589237	844264	8.72%	0.912%
62	18.074	2611	2616	2622	rBV	249949	352619	3.64%	0.381%
63	18.145	2622	2628	2632	rBV3	866365	1534915	15.85%	1.659%
64	18.180	2632	2634	2640	rVB	307732	342712	3.54%	0.370%
65	18.256	2643	2647	2650	rBV3	120832	142915	1.48%	0.154%
66	18.450	2675	2680	2684	rVV	394104	499759	5.16%	0.540%
67	18.498	2684	2688	2692	rVB2	97380	134065	1.38%	0.145%
68	18.868	2746	2751	2758	rBV3	199449	498840	5.15%	0.539%
69	19.015	2772	2776	2784	rVB3	139748	261644	2.70%	0.283%
70	19.145	2791	2798	2803	rVB	6026280	8485194	87.63%	9.169%
71	19.239	2810	2814	2818	rVB	124377	169325	1.75%	0.183%

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72	19.292	2818	2823	2827	rBV	302416	399679	4.13%	0.432%
73	19.480	2849	2855	2856	rBV	1002522	1489418	15.38%	1.609%
74	19.509	2856	2860	2867	rVV	5329890	7543833	77.91%	8.152%
75	19.574	2867	2871	2878	rVB3	209453	340348	3.51%	0.368%
76	19.680	2885	2889	2894	rVB	224148	321415	3.32%	0.347%
77	19.745	2895	2900	2905	rBV	251356	377126	3.89%	0.408%
78	19.827	2908	2914	2915	rBV	259360	421199	4.35%	0.455%
79	19.968	2933	2938	2939	rBV3	154214	257276	2.66%	0.278%
80	19.997	2940	2943	2949	rVB	629155	875359	9.04%	0.946%
81	20.097	2956	2960	2964	rBV2	530455	708590	7.32%	0.766%
82	20.156	2964	2970	2974	rVB2	342844	563889	5.82%	0.609%
83	20.297	2991	2994	2998	rBV	205844	245400	2.53%	0.265%
84	20.344	2999	3002	3006	rVB	220294	269613	2.78%	0.291%
85	20.750	3068	3071	3077	rVB	212755	291391	3.01%	0.315%
86	20.950	3102	3105	3108	rBV	285369	337232	3.48%	0.364%
87	20.991	3108	3112	3117	rVB2	371851	638535	6.59%	0.690%
88	21.262	3152	3158	3163	rBV3	2731708	4661437	48.14%	5.037%
89	21.309	3163	3166	3175	rVB	2144234	2616756	27.02%	2.828%
90	21.427	3182	3186	3191	rBV	626611	842072	8.70%	0.910%
91	21.586	3209	3213	3217	rVB3	269483	381682	3.94%	0.412%
92	22.015	3283	3286	3289	rBV	220327	318920	3.29%	0.345%
93	22.844	3420	3427	3431	rBV	1722139	3980510	41.11%	4.301%
94	23.003	3450	3454	3460	rVB	445452	717128	7.41%	0.775%
95	23.315	3502	3507	3513	rBV	1040599	1908424	19.71%	2.062%
96	23.415	3518	3524	3531	rVB	1897434	3382927	34.94%	3.655%
97	23.509	3535	3540	3544	rVV	479272	923795	9.54%	0.998%
98	23.556	3544	3548	3556	rVB	595602	1121162	11.58%	1.211%
99	25.774	3917	3925	3935	rVB	1008914	2854101	29.47%	3.084%
100	26.474	4037	4044	4056	rVB	726647	2090084	21.58%	2.258%

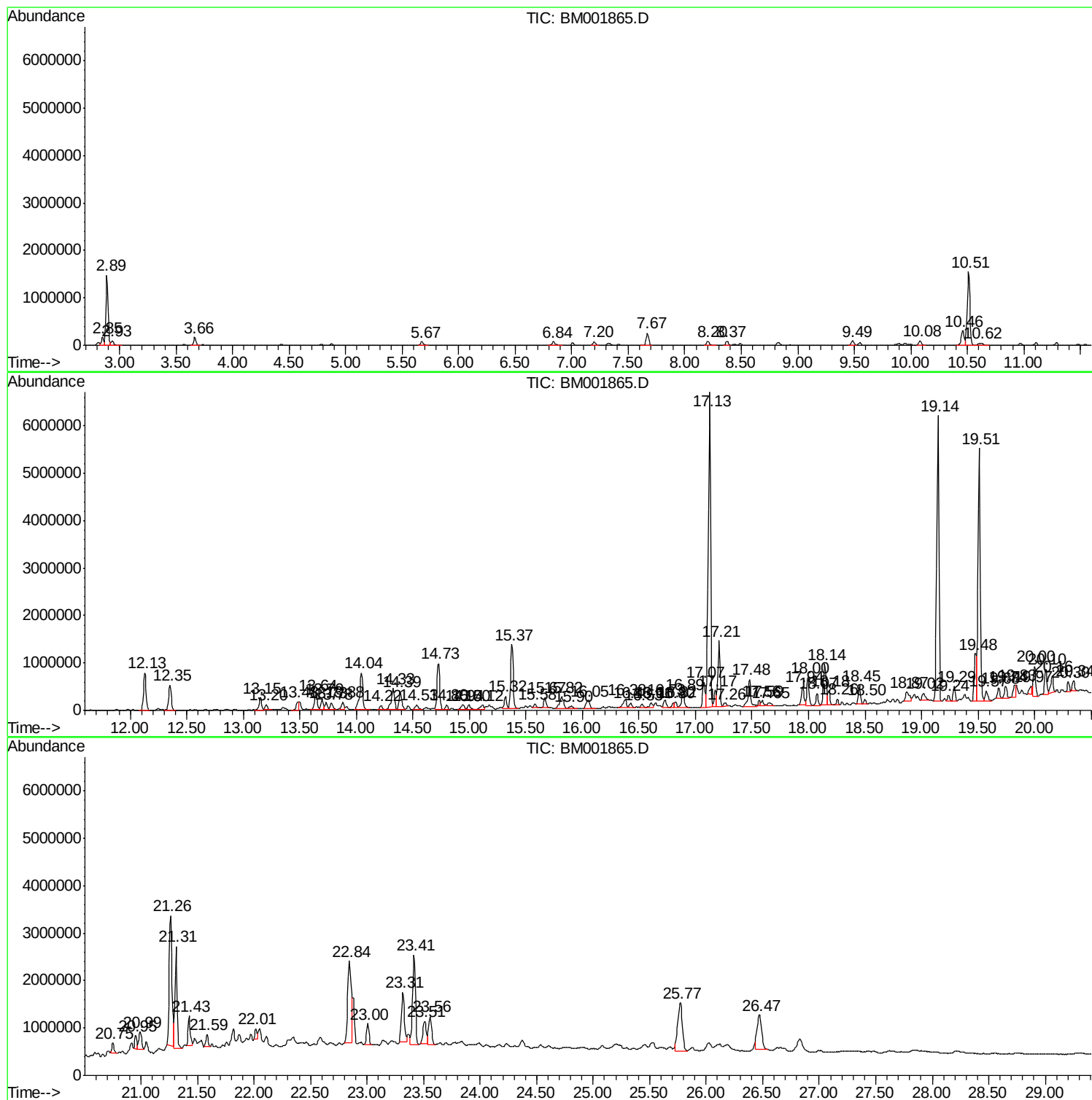
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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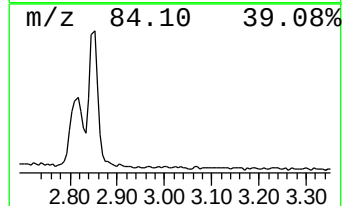
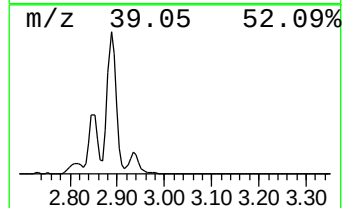
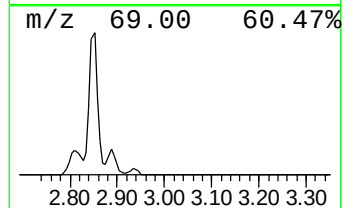
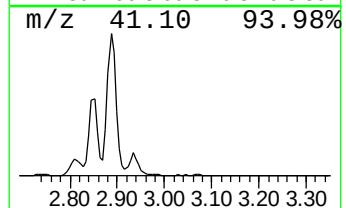
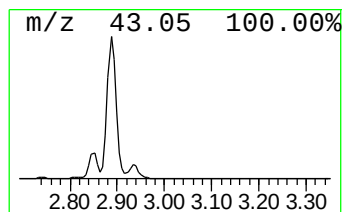
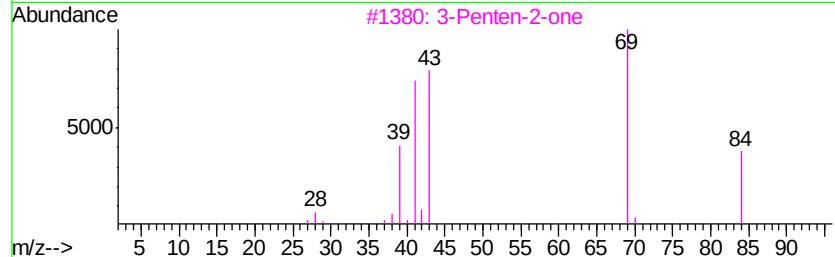
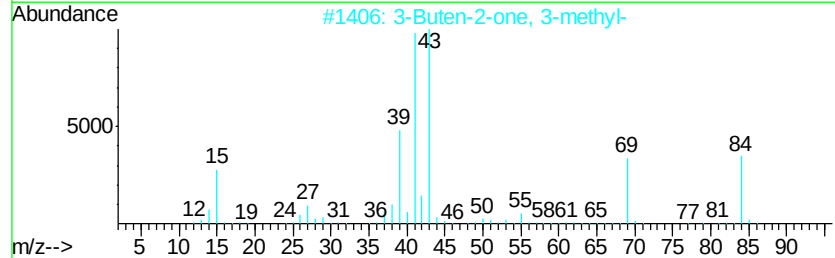
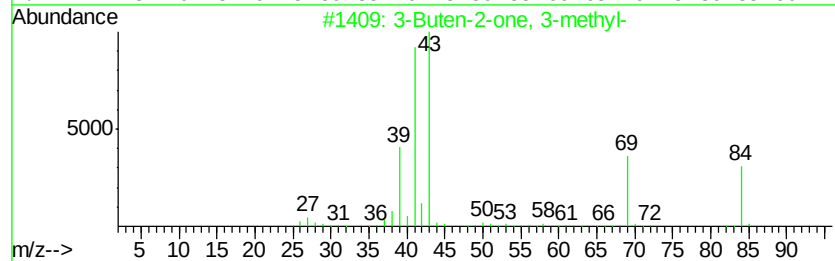
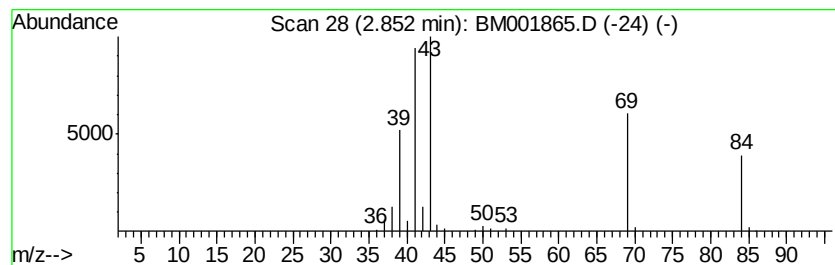
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	10.19 ng/ul	209656	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	91
2			3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	90
3			3-Penten-2-one	84	C5H8O	000625-33-2	90
4			3-Penten-2-one	84	C5H8O	000625-33-2	86
5			3-Penten-2-one	84	C5H8O	000625-33-2	86



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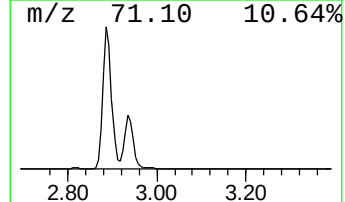
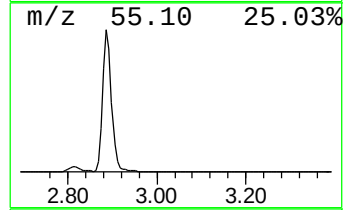
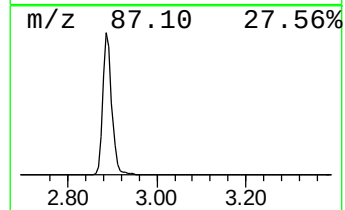
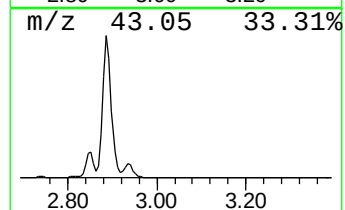
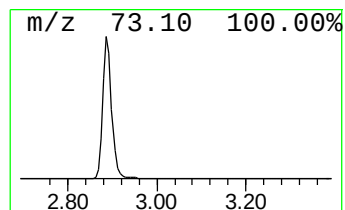
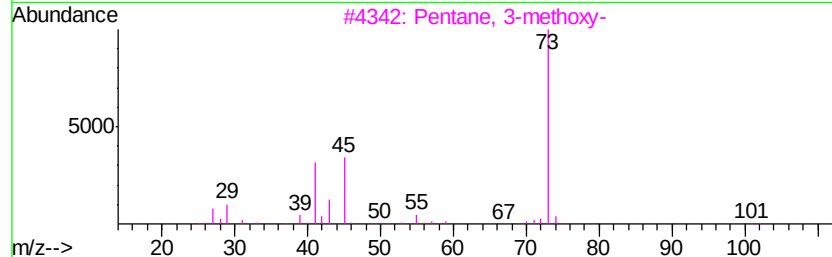
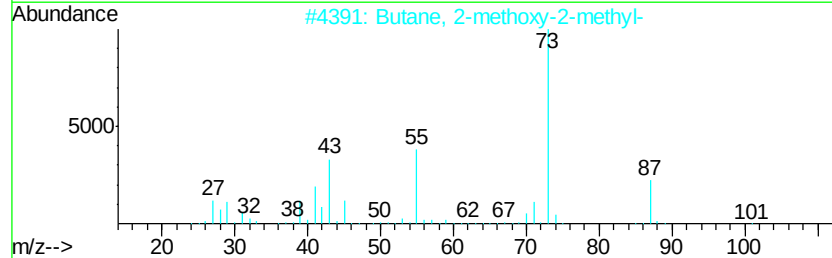
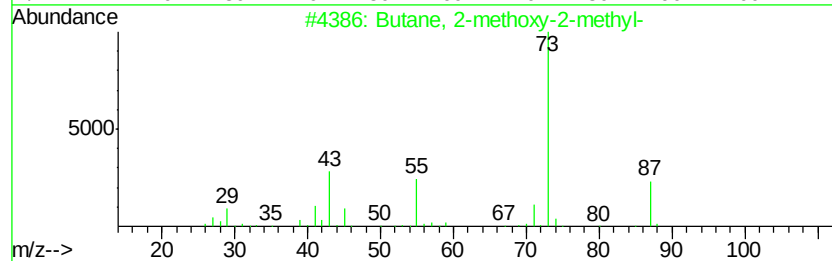
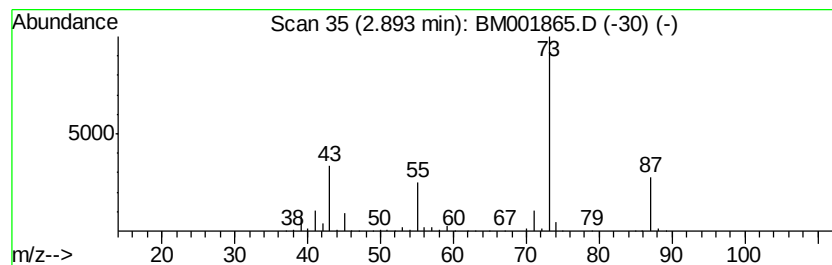
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	94.46 ng/ul	1944040	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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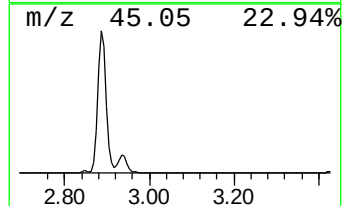
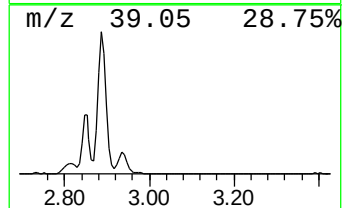
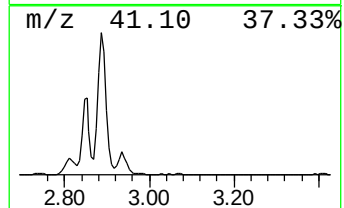
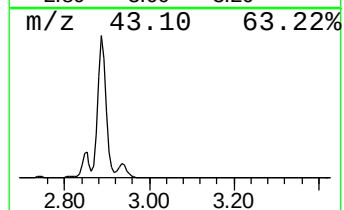
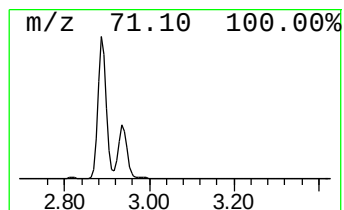
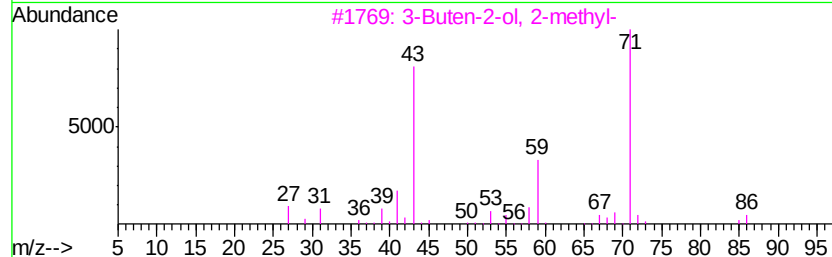
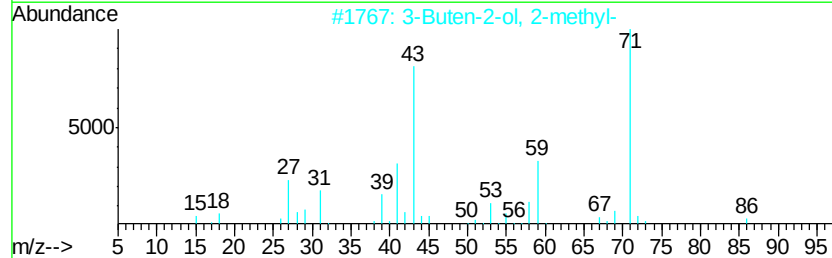
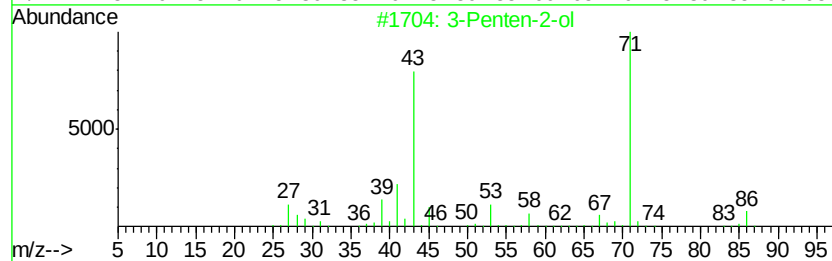
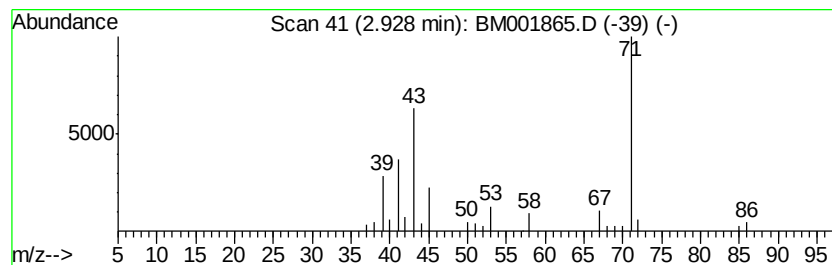
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TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Penten-2-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	7.55 ng/ul	155466	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-ol	86	C5H10O	001569-50-2	80
2		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
3		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	64
4		3-Penten-2-ol	86	C5H10O	001569-50-2	59
5		2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	50



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Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
Operator : TP/UM
Sample : G2861-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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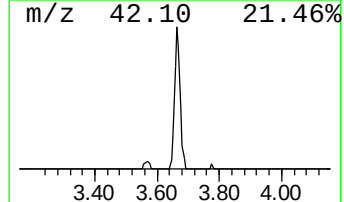
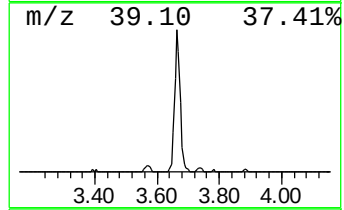
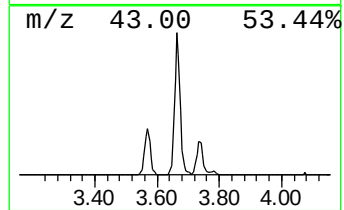
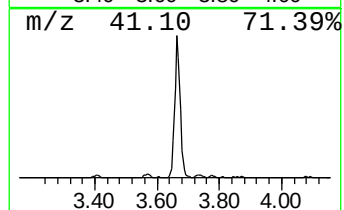
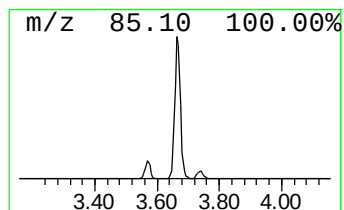
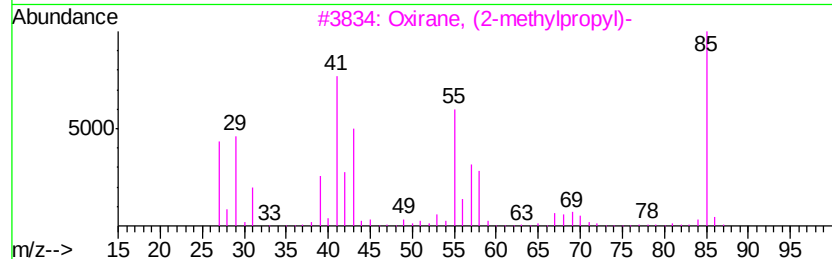
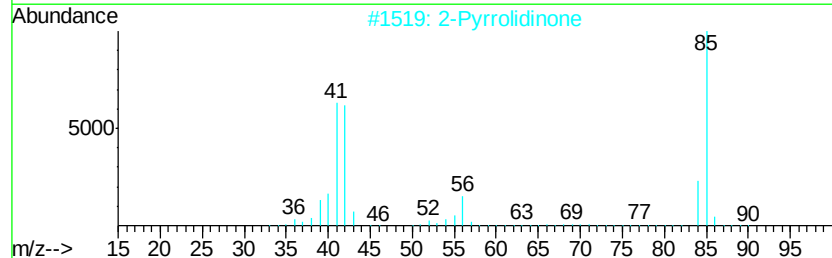
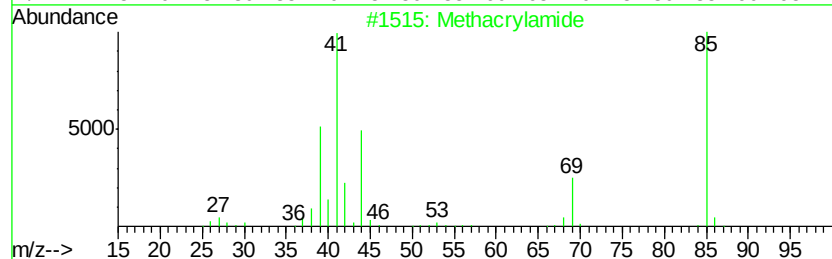
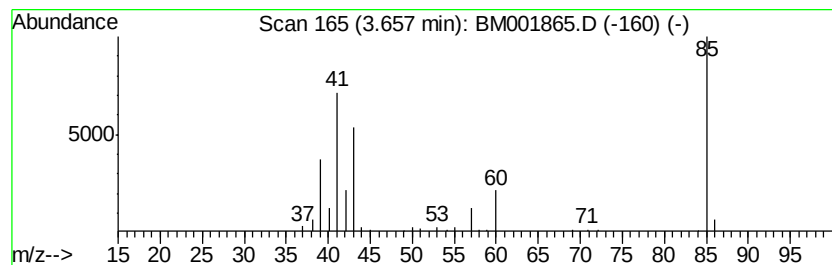
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Methacrylamide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	10.77 ng/ul	221699	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methacrylamide	85	C4H7NO	000079-39-0	58
2		2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
3		Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
4		Tetrahydrofuran, 2,2-dimethyl-	100	C6H12O	001003-17-4	28
5		Methacrylamide	85	C4H7NO	000079-39-0	10



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
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Misc :
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Instrument :
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ClientSampleId :
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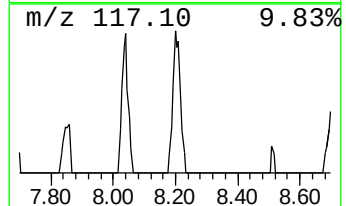
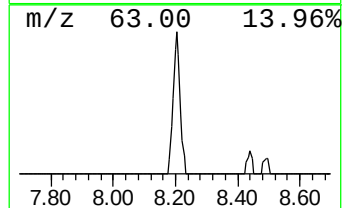
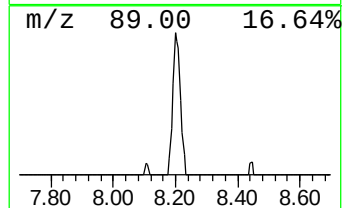
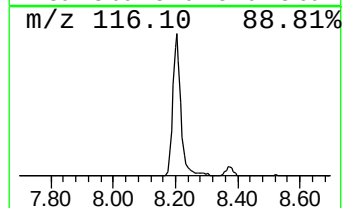
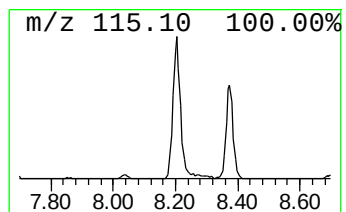
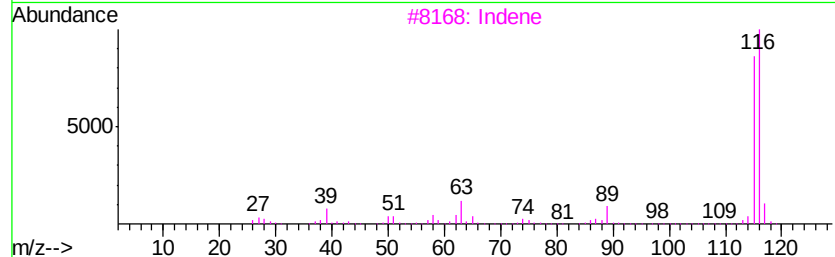
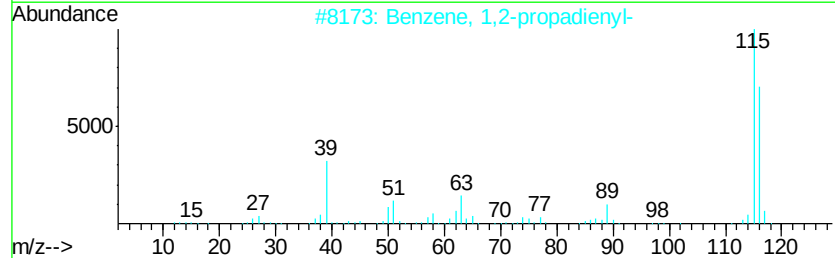
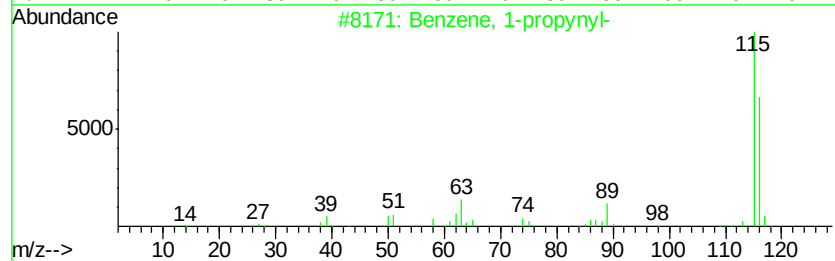
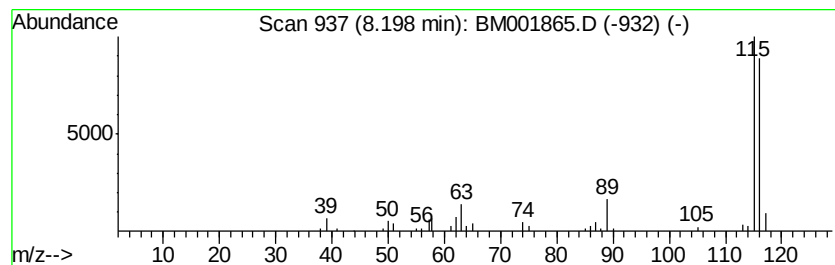
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	7.15 ng/ul	147200	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3		Indene	116	C9H8	000095-13-6	91
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
Operator : TP/UM
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Misc :
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Instrument :
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ClientSampleId :
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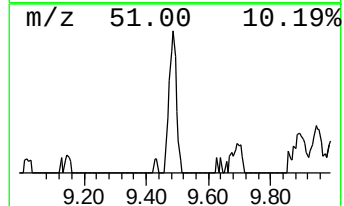
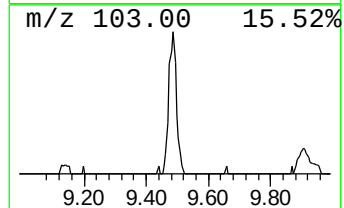
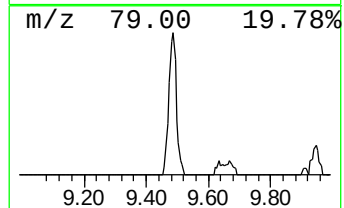
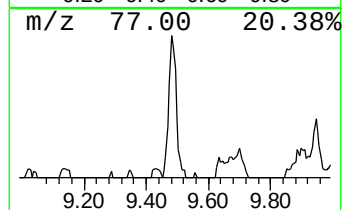
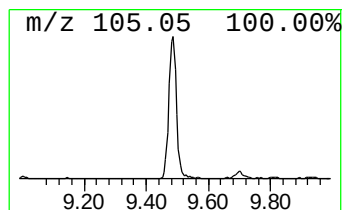
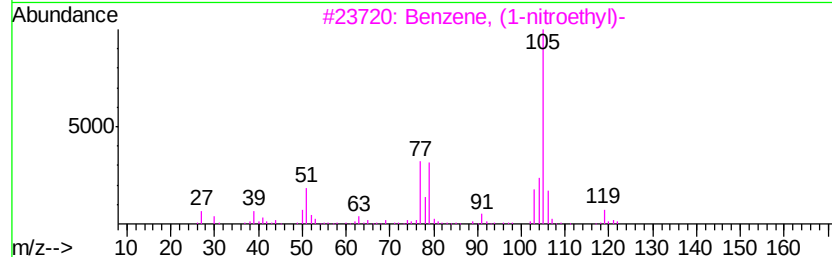
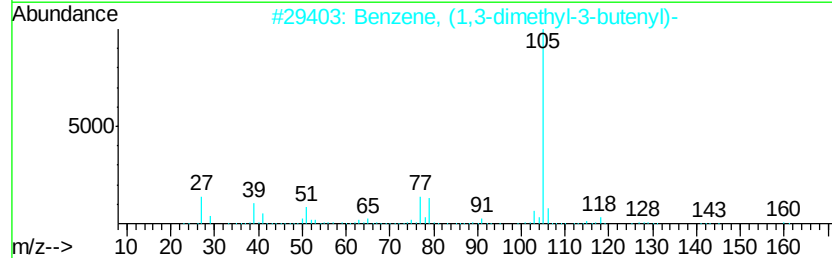
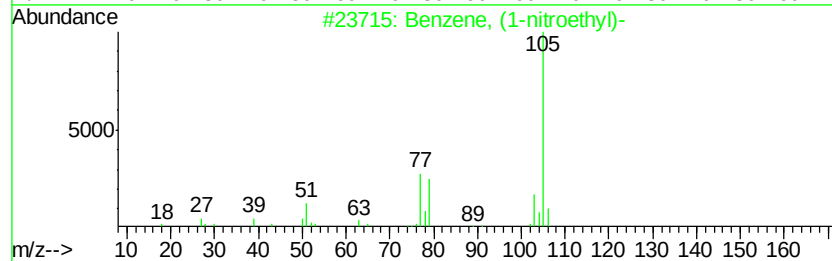
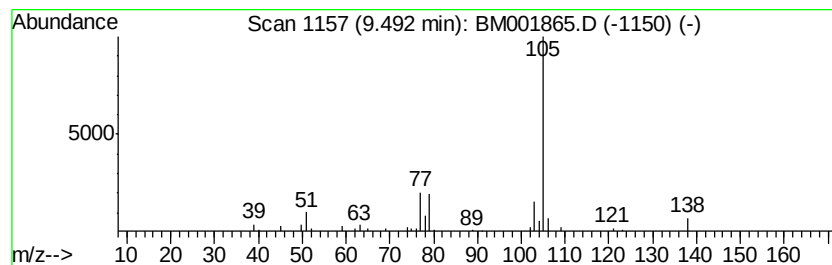
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, (1-nitroethyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	5.15 ng/ul	146585	Napthalene-d8	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	80
2		Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
3		Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	59
4		Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	59
5		1,3,5-Cycloheptatriene, 7,7-dime...	120	C9H12	007557-11-1	56



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
Operator : TP/UM
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Instrument :
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ClientSampleId :
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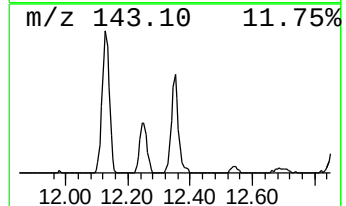
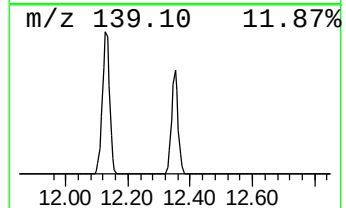
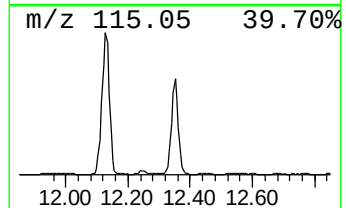
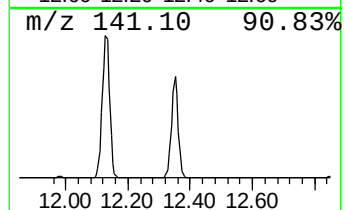
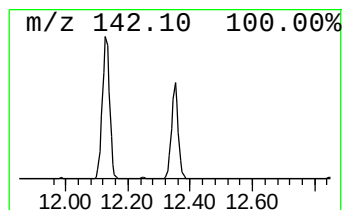
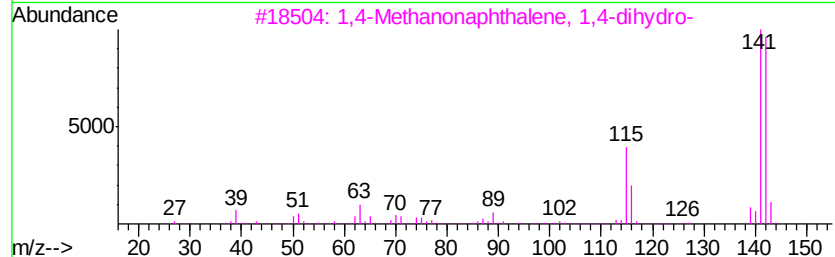
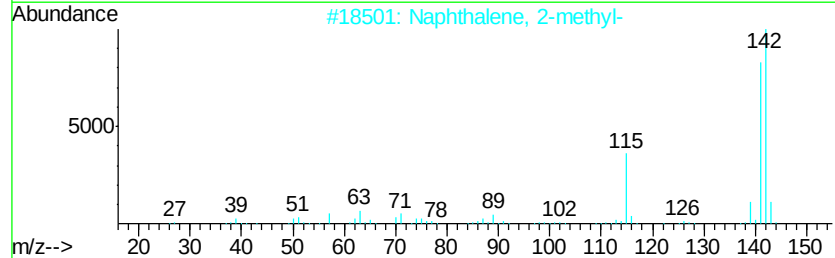
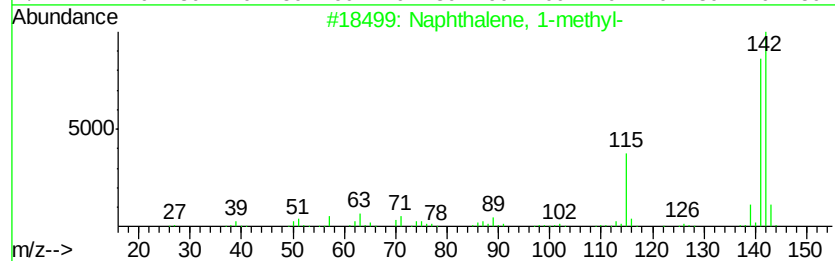
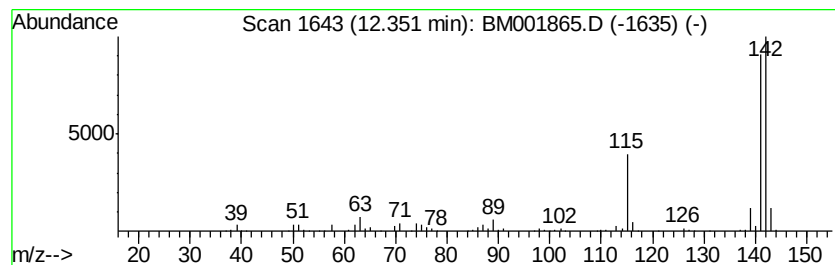
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	29.25 ng/ul	832230	Naphthalene-d8	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
Operator : TP/UM
Sample : G2861-05
Misc :
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Instrument :
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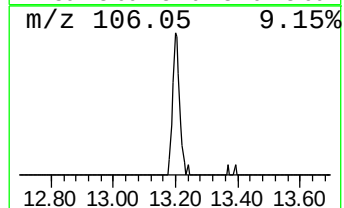
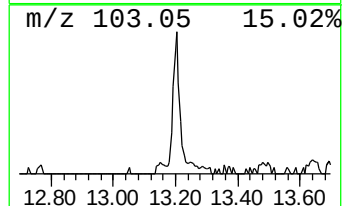
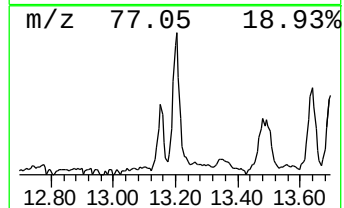
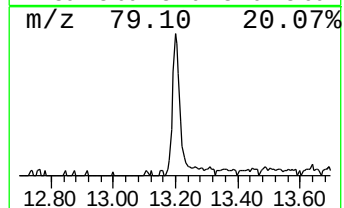
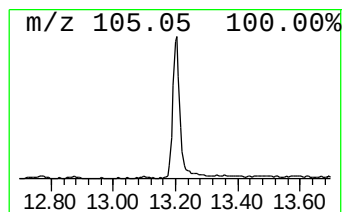
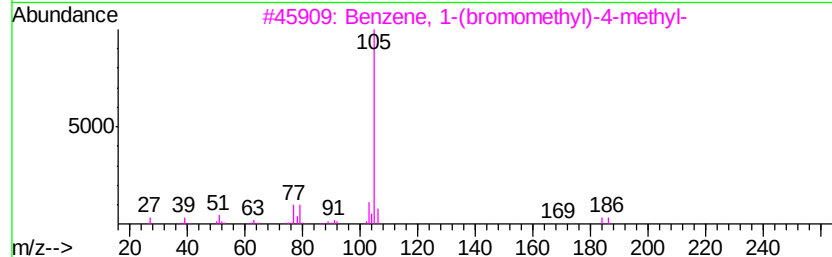
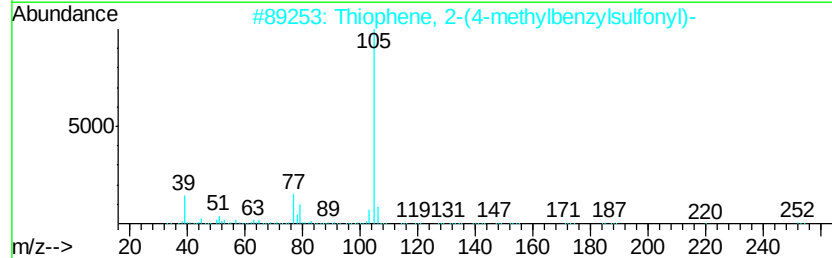
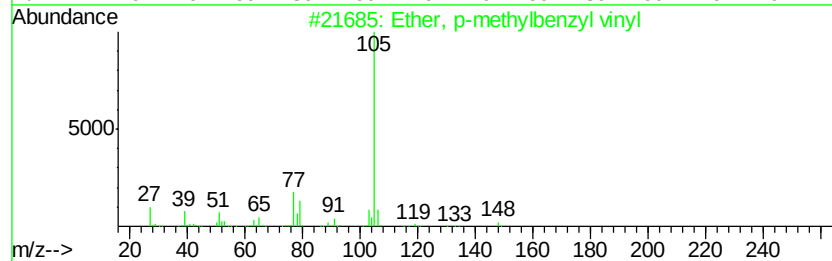
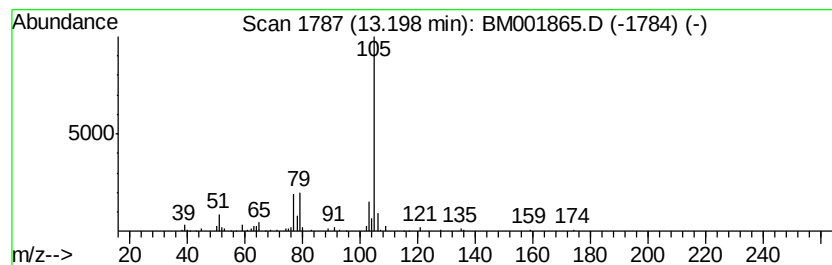
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Ether, p-methylbenzyl vinyl Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	3.66 ng/ul	157889	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	59
2		Thiophene, 2-(4-methylbenzylsulf...	252	C12H12O2S2	153837-88-8	53
3		Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	53
4		Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	53
5		Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
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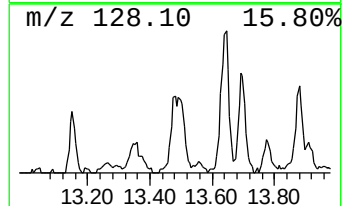
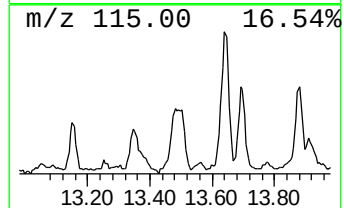
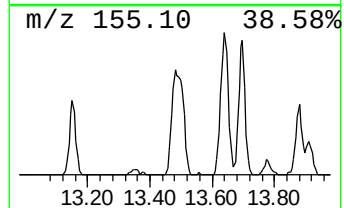
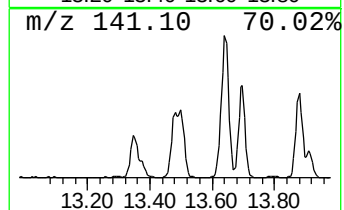
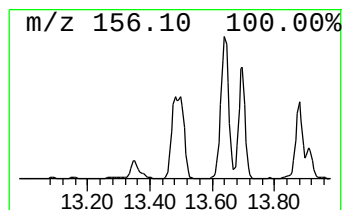
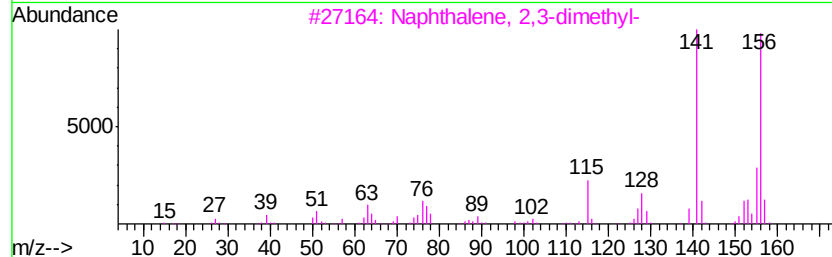
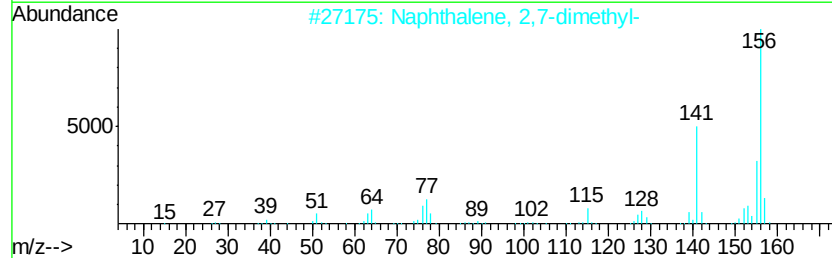
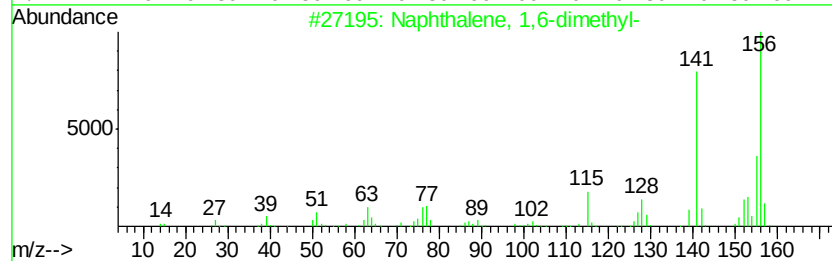
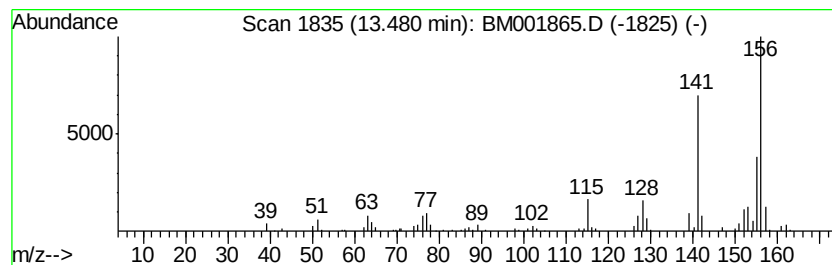
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	5.86 ng/ul	252693	Acenaphthene-d10	14.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
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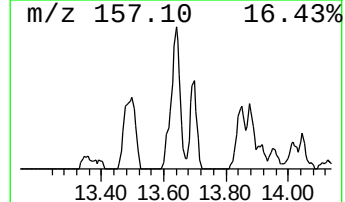
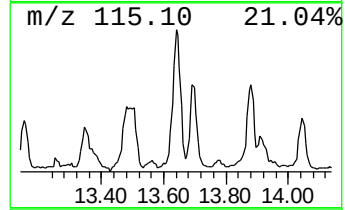
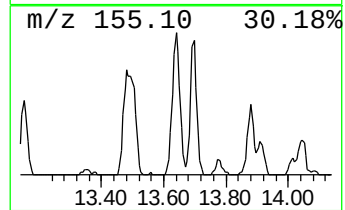
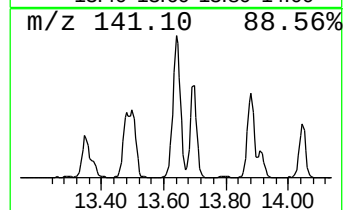
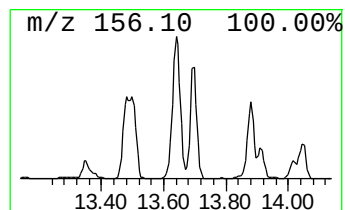
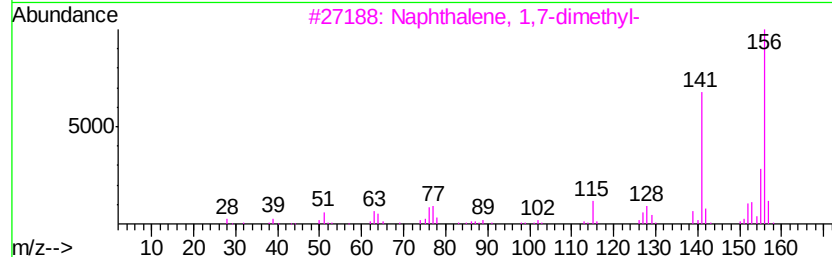
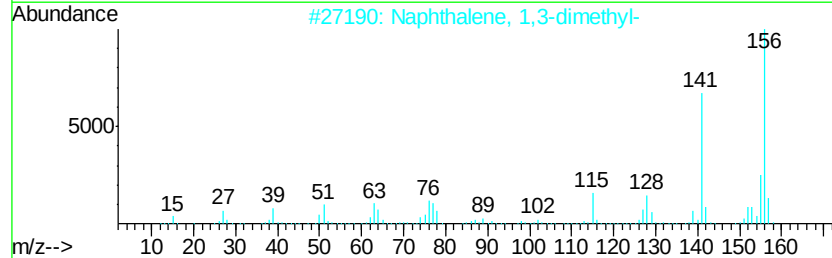
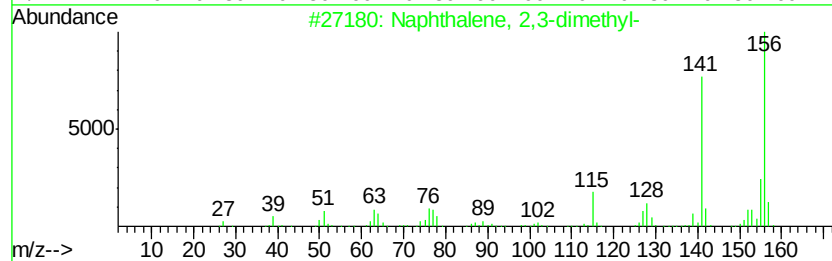
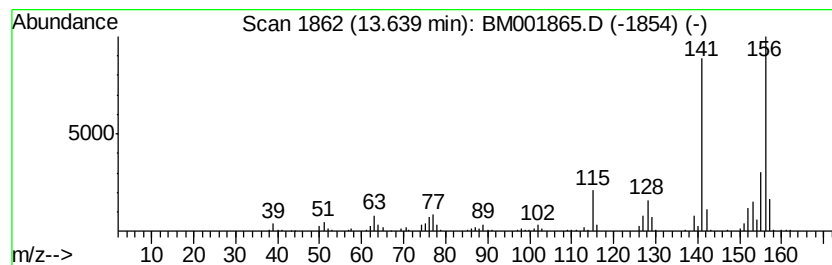
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	12.90 ng/ul	556565	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
Operator : TP/UM
Sample : G2861-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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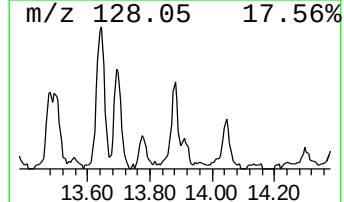
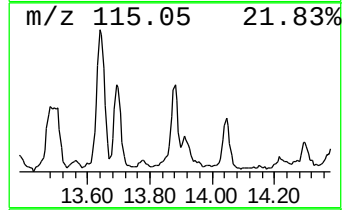
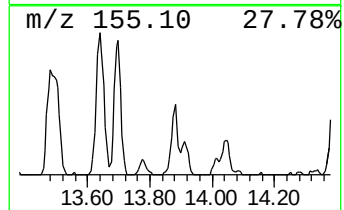
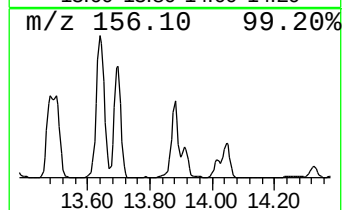
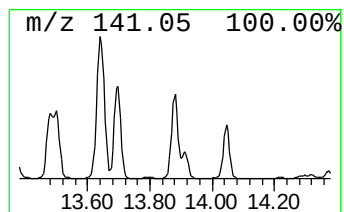
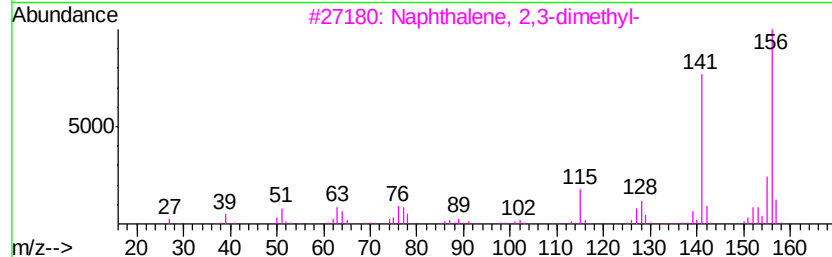
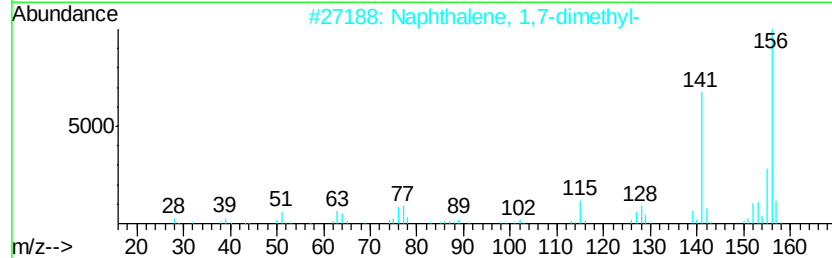
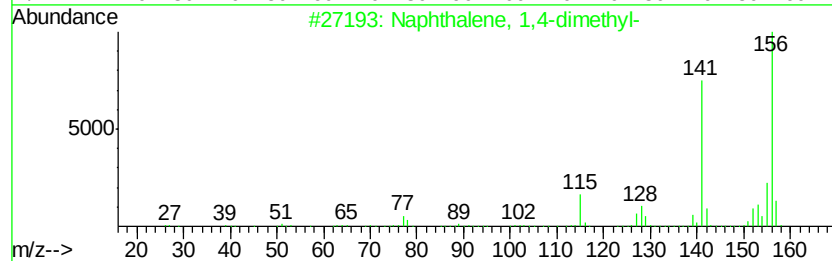
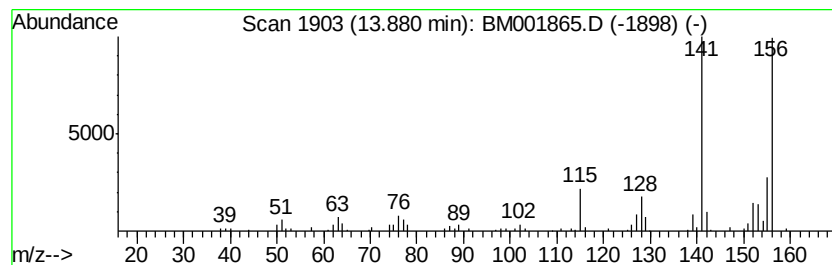
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	5.83 ng/ul	251574	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
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Sample : G2861-05
Misc :
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ClientSampleId :
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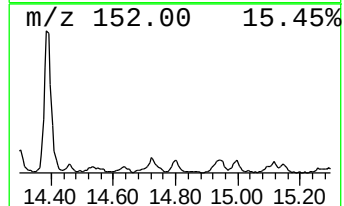
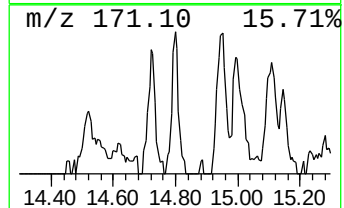
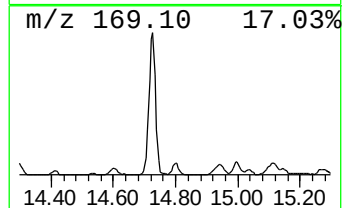
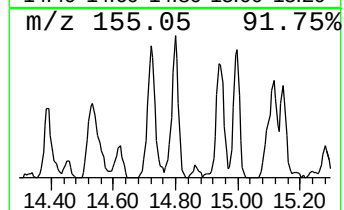
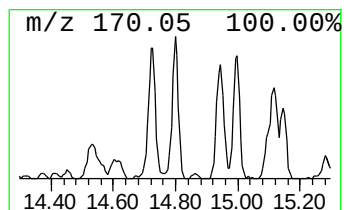
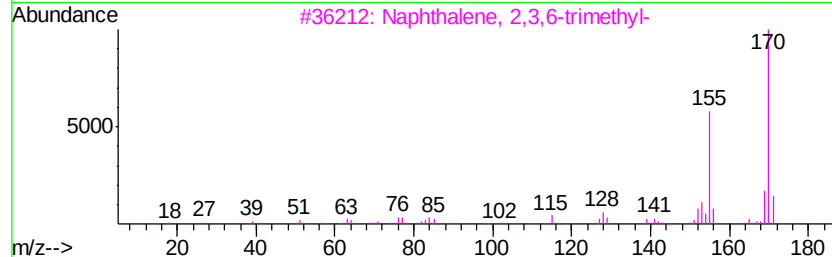
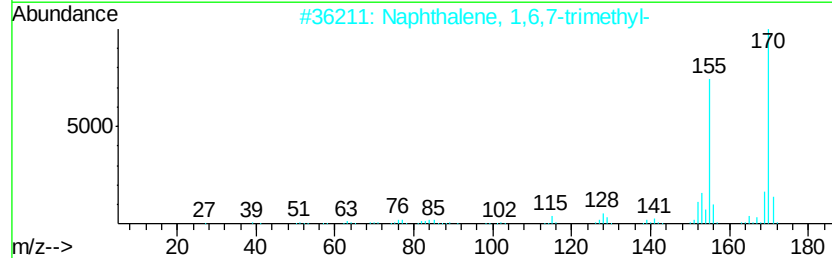
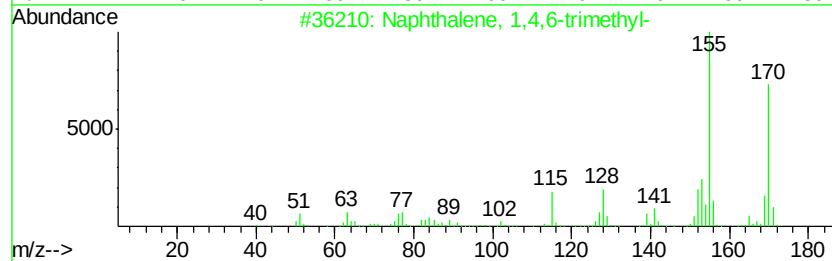
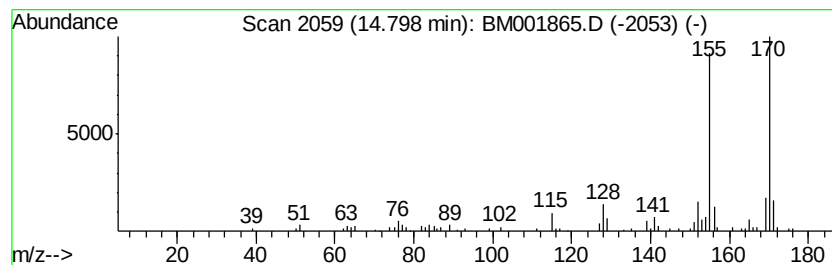
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.99 ng/ul	129254	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
Operator : TP/UM
Sample : G2861-05
Misc :
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Instrument :
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ClientSampleId :
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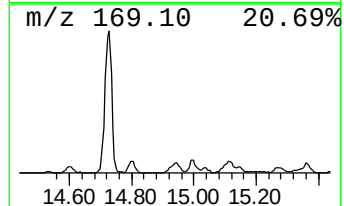
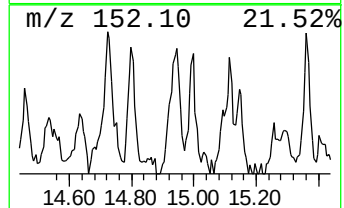
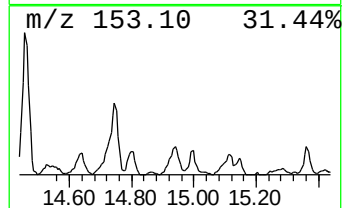
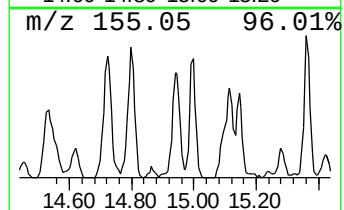
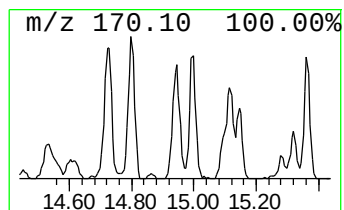
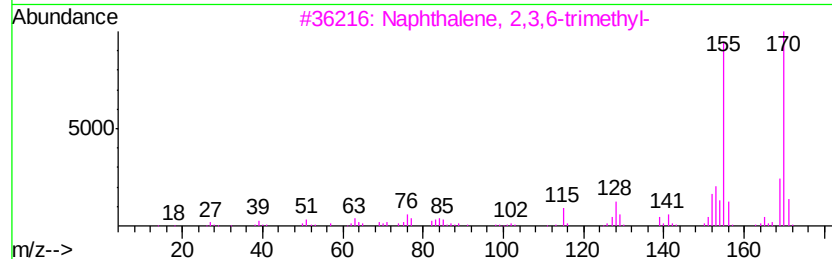
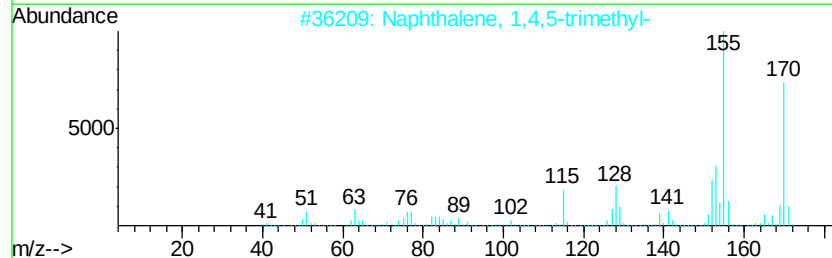
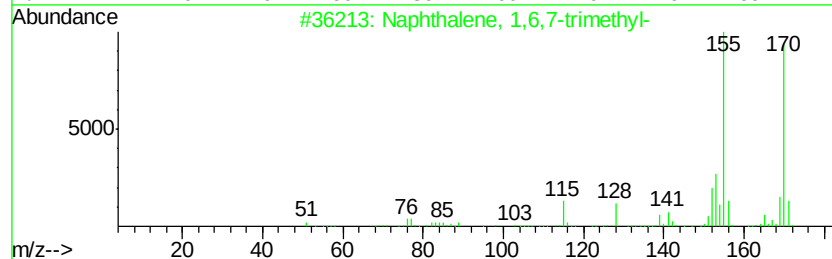
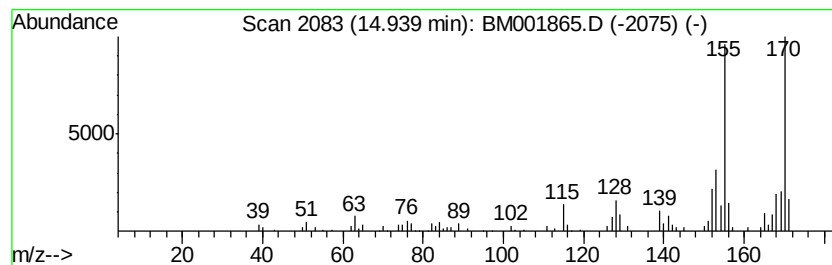
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	4.92 ng/ul	212287	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
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Sample : G2861-05
Misc :
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ClientSampleId :
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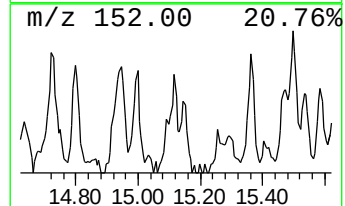
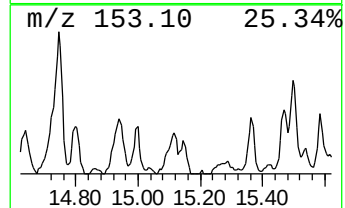
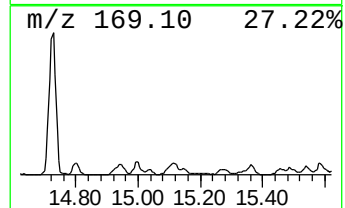
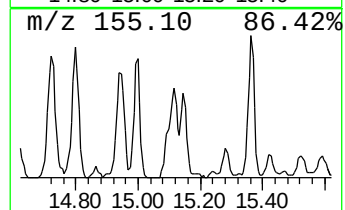
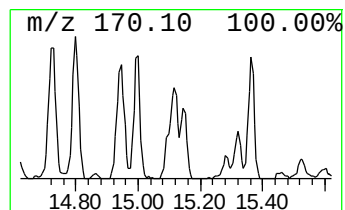
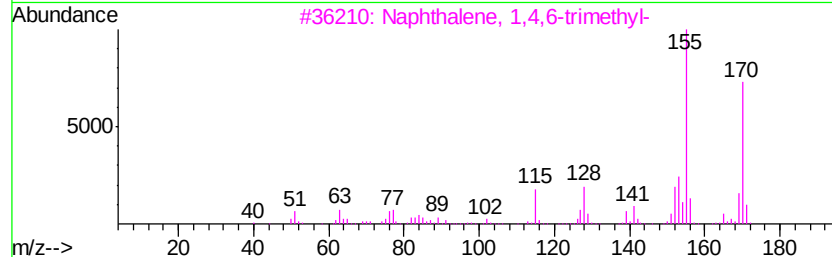
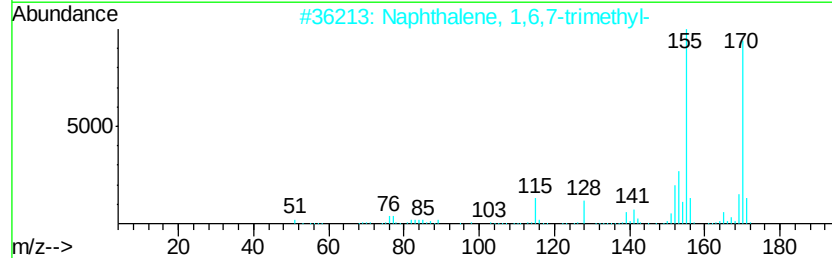
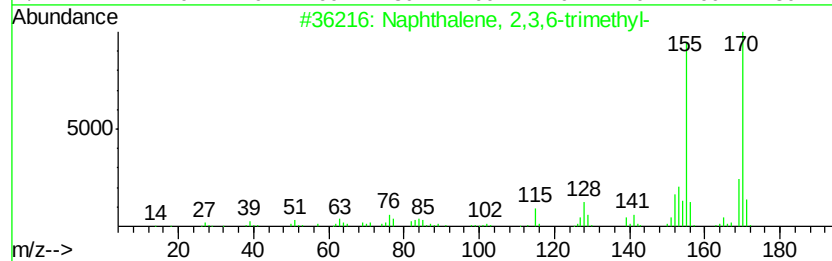
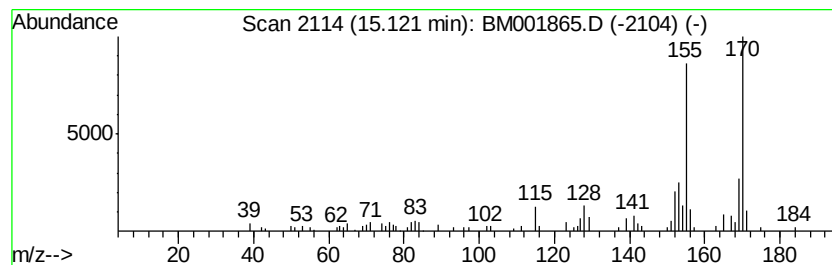
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.37 ng/ul	188640	Acenaphthene-d10	14.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
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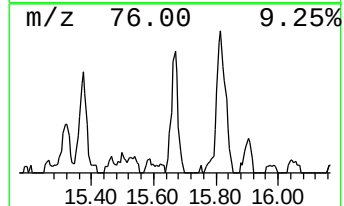
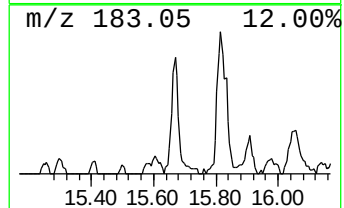
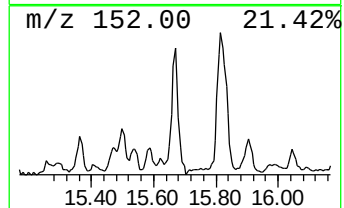
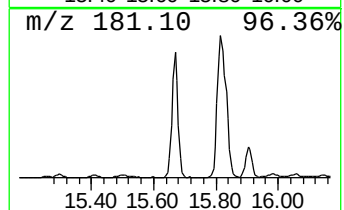
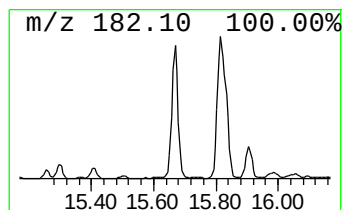
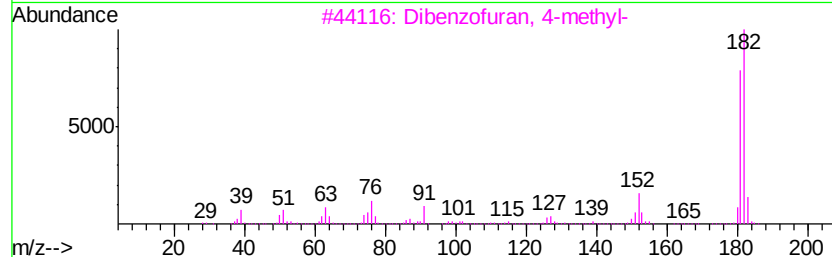
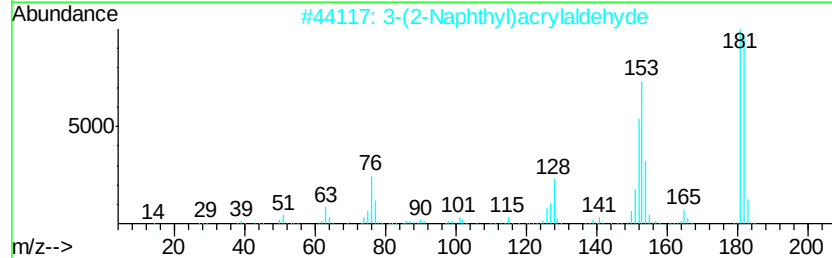
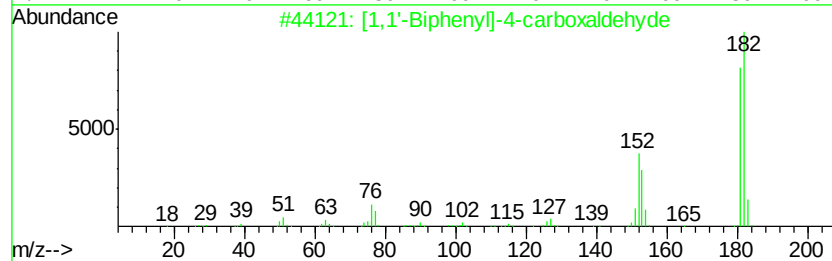
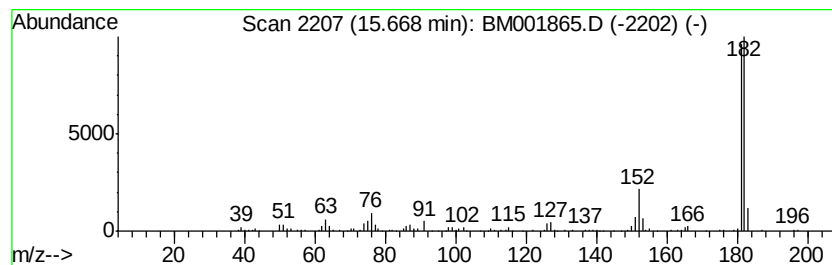
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	7.63 ng/ul	329271	Acenaphthene-d10	14.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
3			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68
4			Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64
5			9H-Xanthene	182	C13H10O	000092-83-1	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
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Acq On : 07 Jul 2015 13:24
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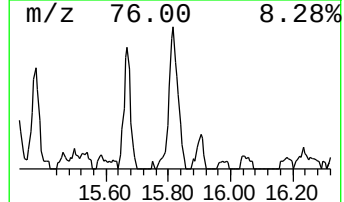
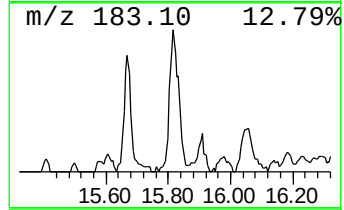
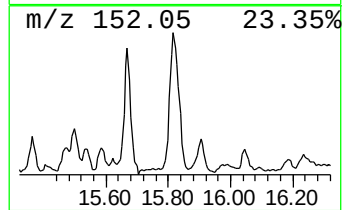
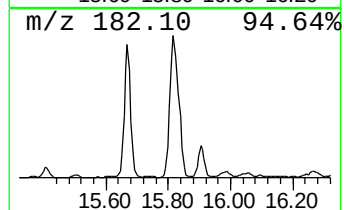
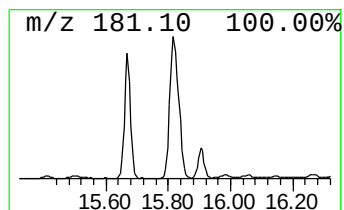
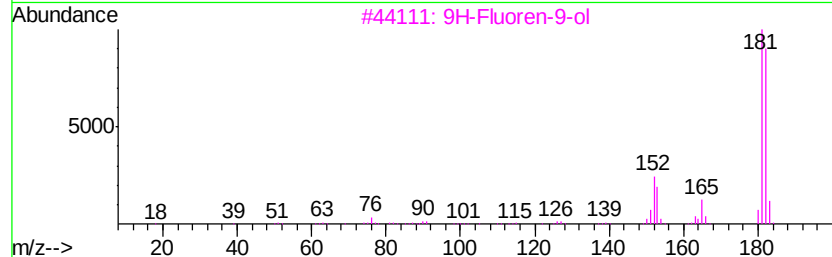
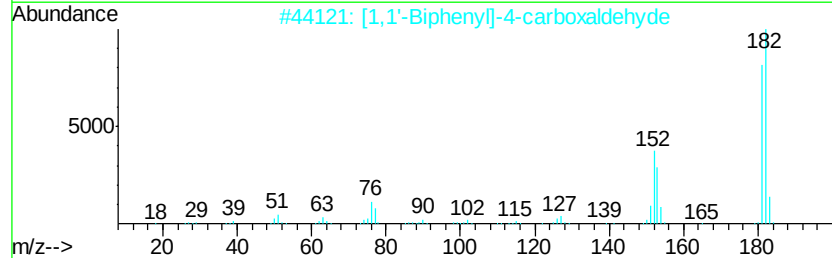
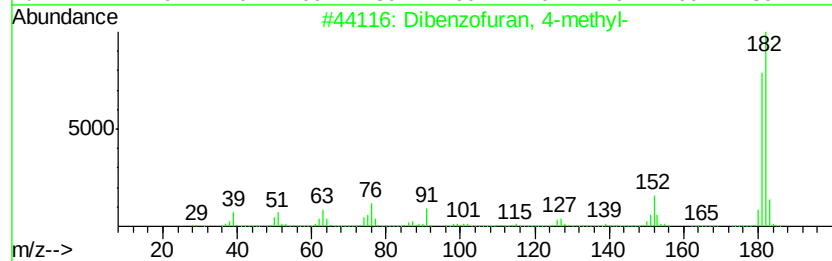
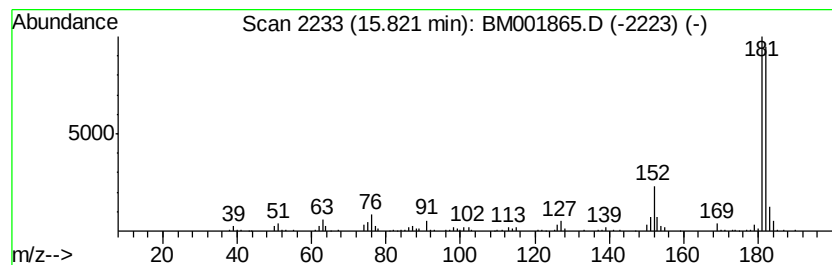
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	14.30 ng/ul	610820	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
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Instrument :
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ClientSampled :
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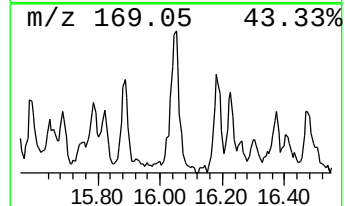
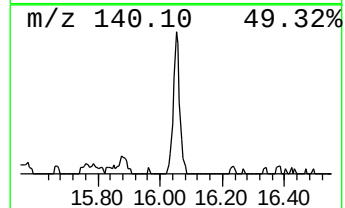
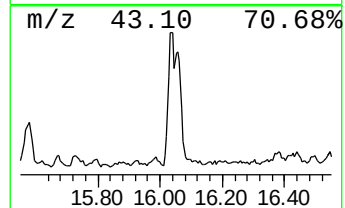
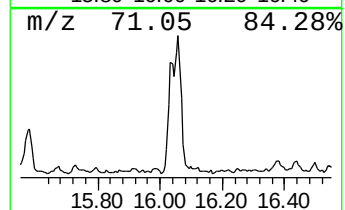
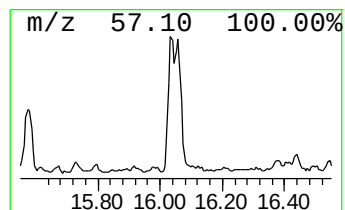
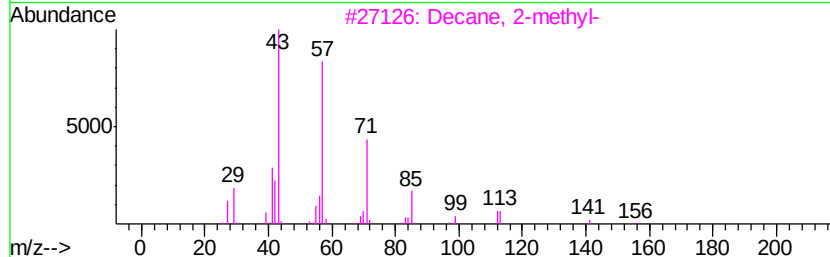
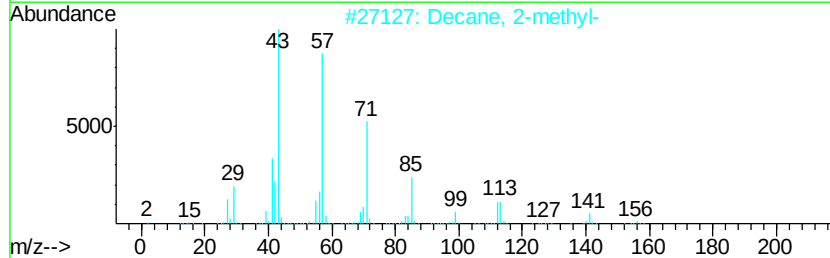
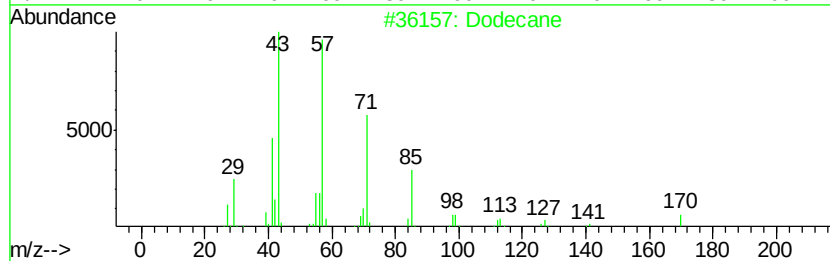
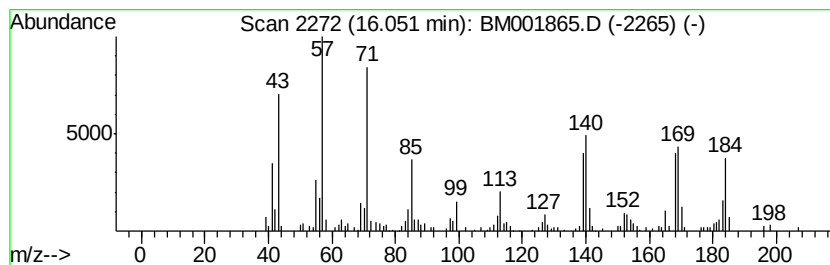
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	10.24 ng/ul	437506	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	38
2		Decane, 2-methyl-	156	C11H24	006975-98-0	38
3		Decane, 2-methyl-	156	C11H24	006975-98-0	30
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	30
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
Operator : TP/UM
Sample : G2861-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

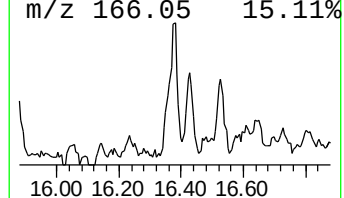
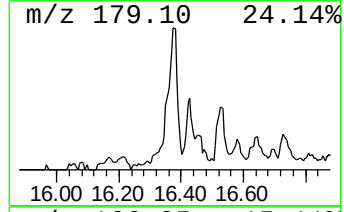
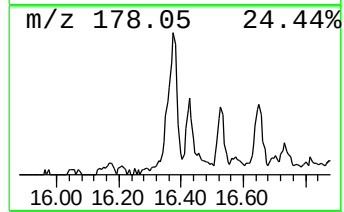
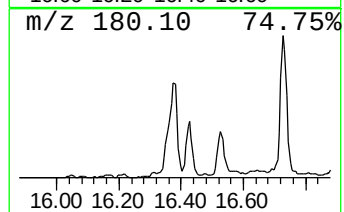
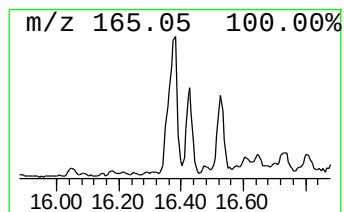
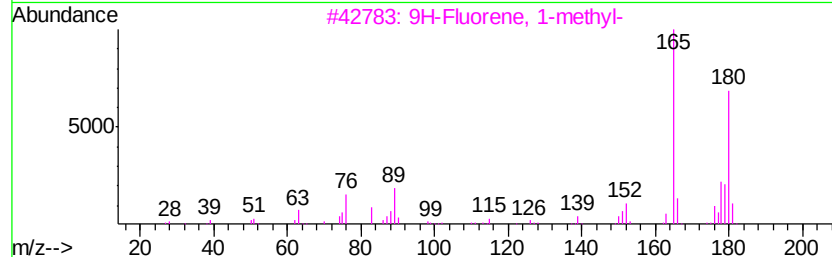
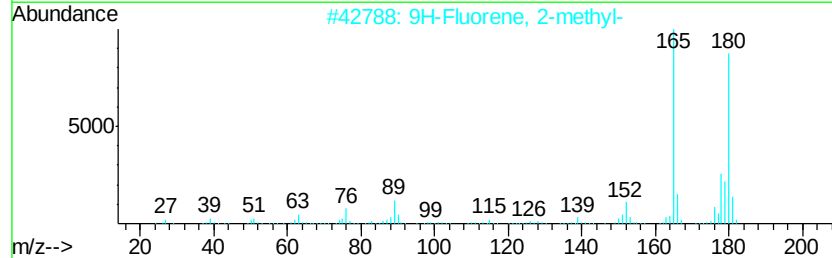
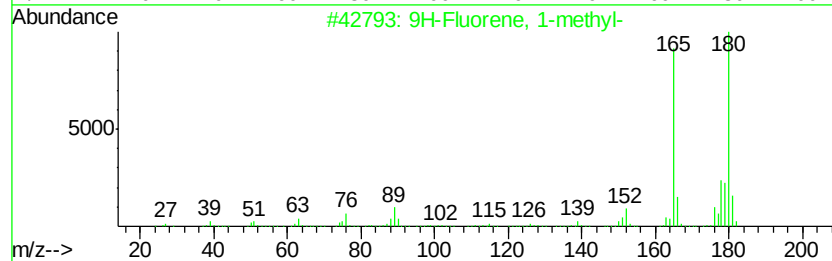
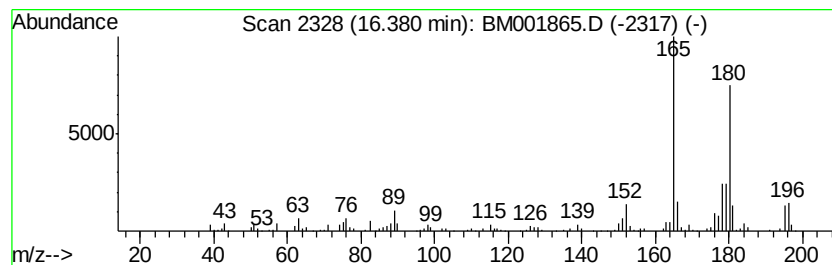
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.38	9.33 ng/ul	398388	Phenanthrene-d10		17.07
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
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Sample : G2861-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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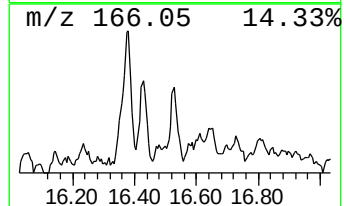
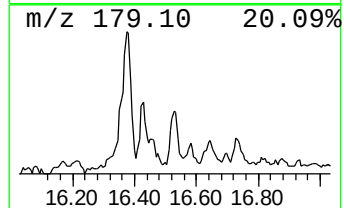
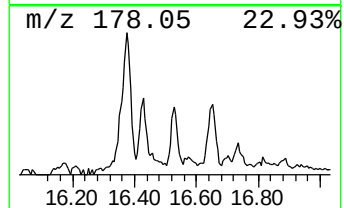
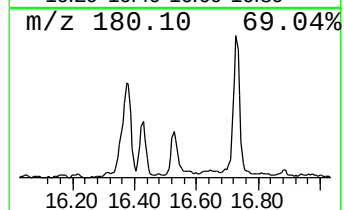
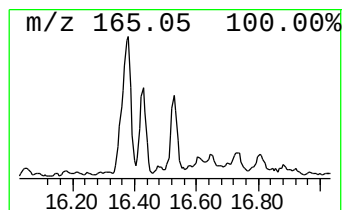
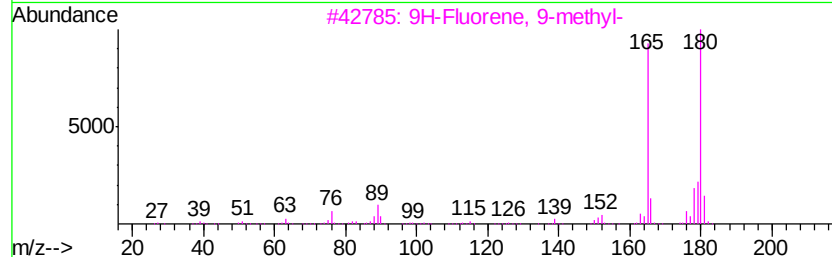
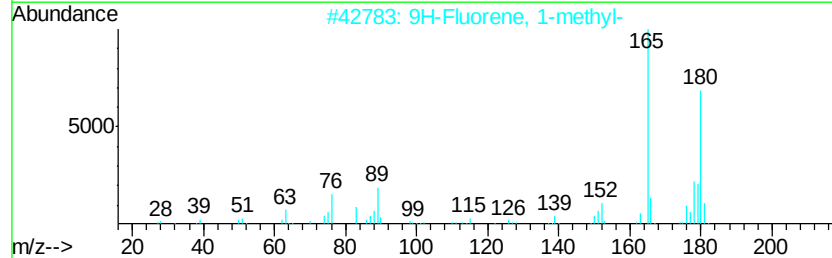
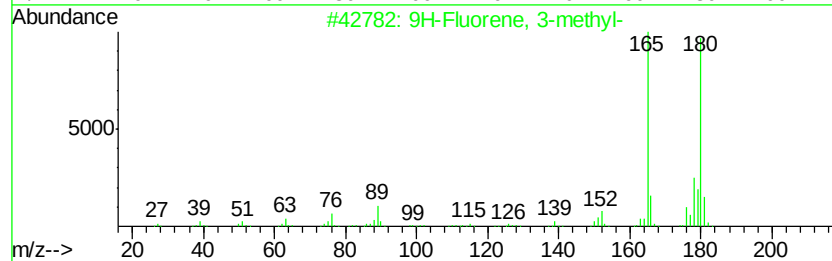
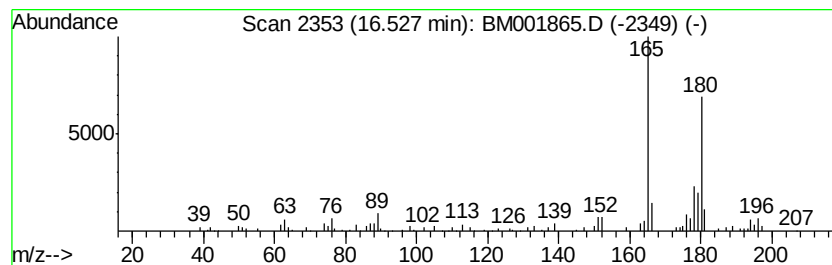
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 9H-Fluorene, 3-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.89 ng/ul	123419	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
Operator : TP/UM
Sample : G2861-05
Misc :
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Instrument :
BNA_M
ClientSampleId :
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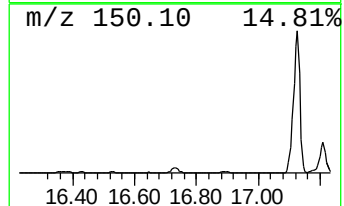
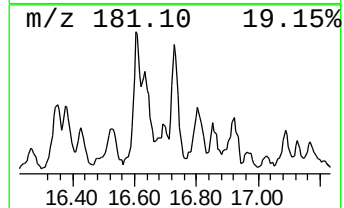
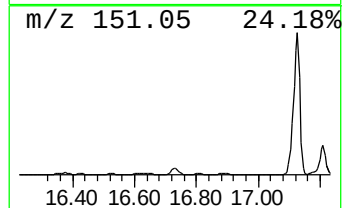
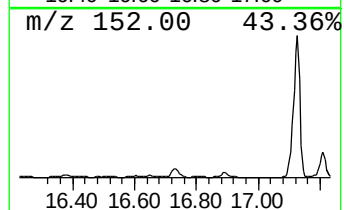
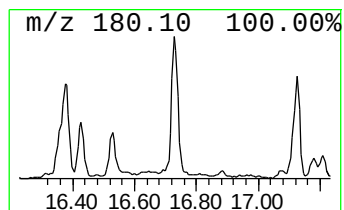
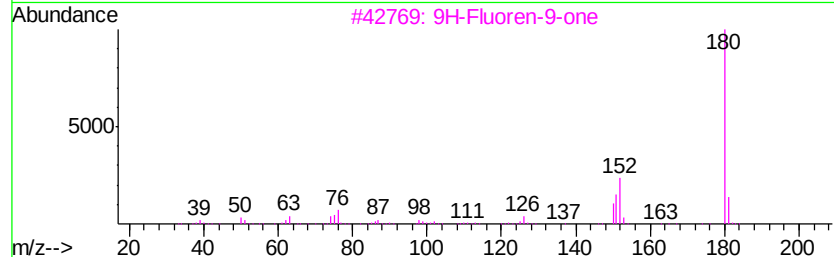
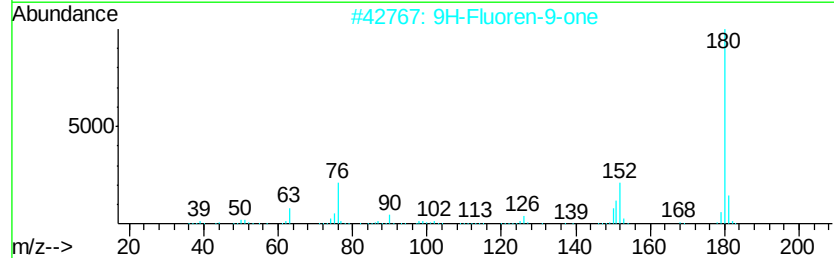
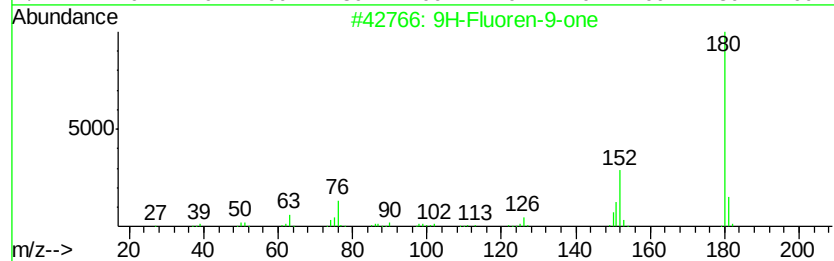
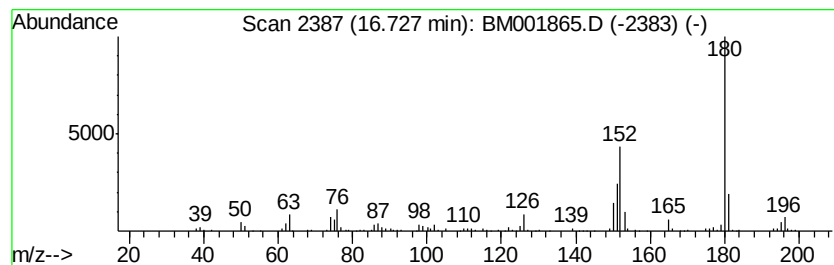
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 9H-Fluoren-9-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	6.17 ng/ul	263440	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5		2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
Operator : TP/UM
Sample : G2861-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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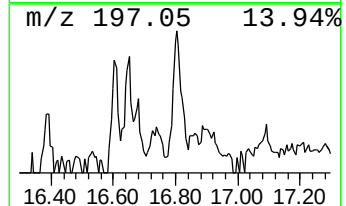
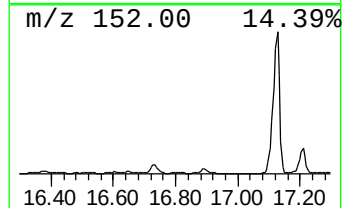
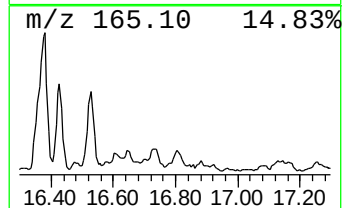
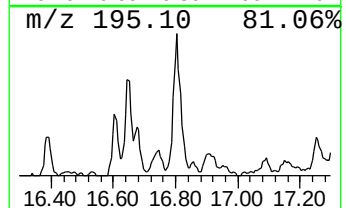
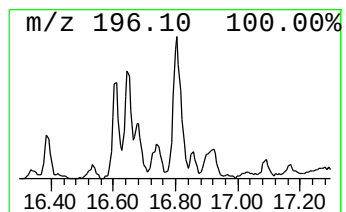
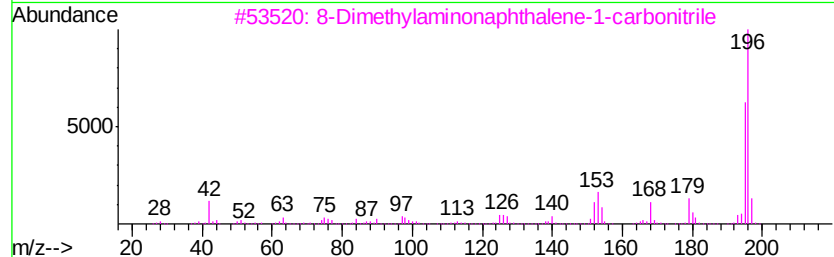
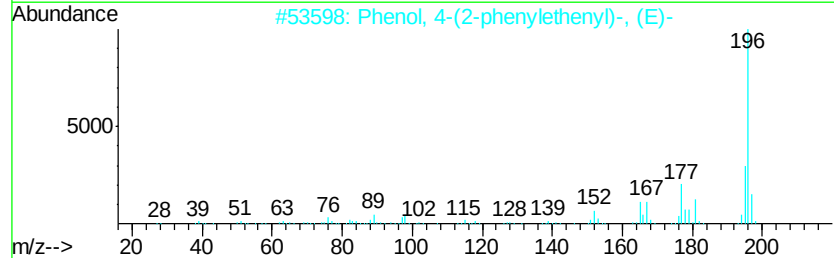
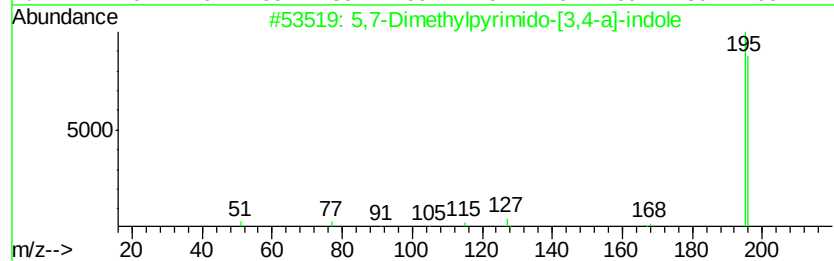
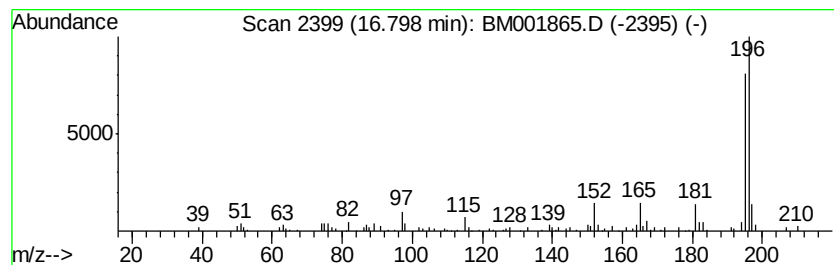
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 5,7-Dimethylpyrimido-[3,4-a... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.22 ng/ul	137465	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53
2		Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50
3		8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	50
4		Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
5		Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
Operator : TP/UM
Sample : G2861-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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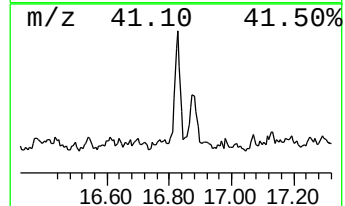
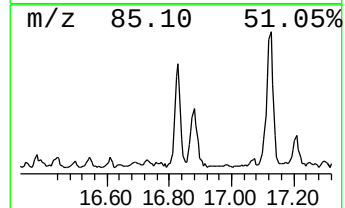
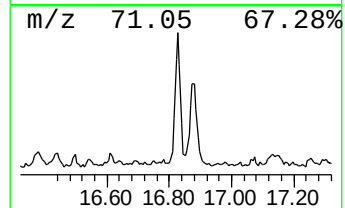
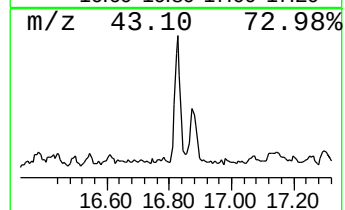
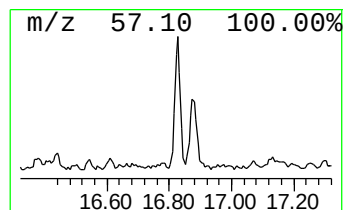
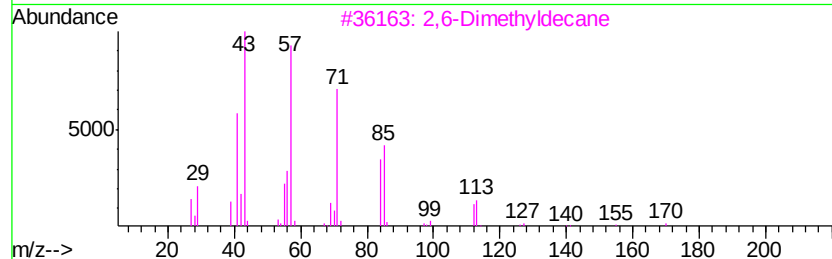
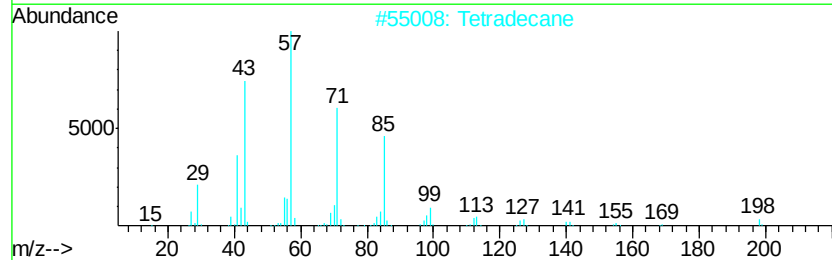
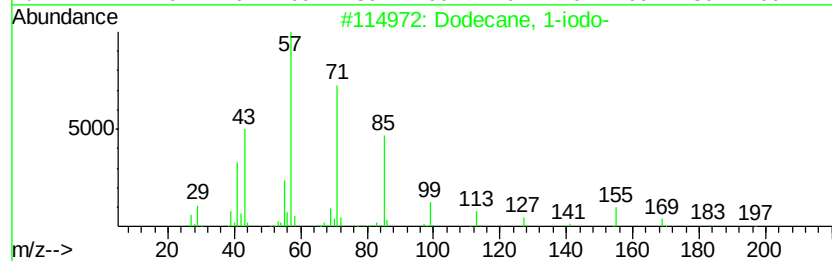
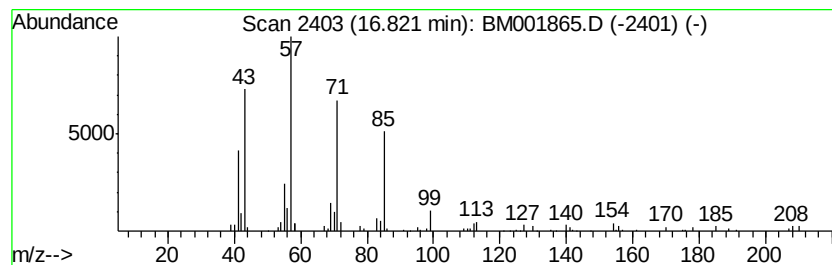
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	4.14 ng/ul	176802	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2			Tetradecane	198	C14H30	000629-59-4	72
3			2,6-Dimethyldecane	170	C12H26	013150-81-7	64
4			Eicosane	282	C20H42	000112-95-8	58
5			Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
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Instrument :
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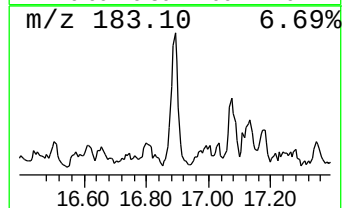
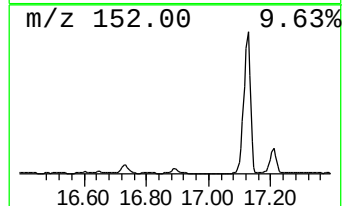
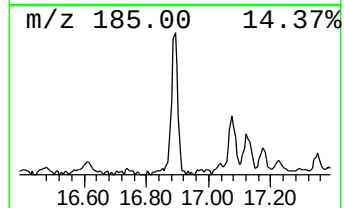
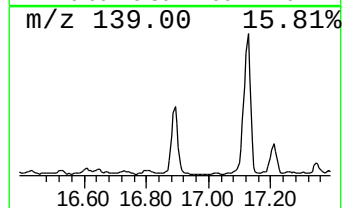
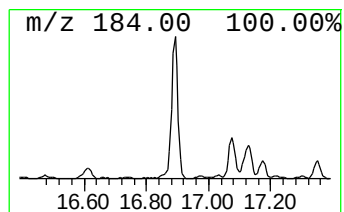
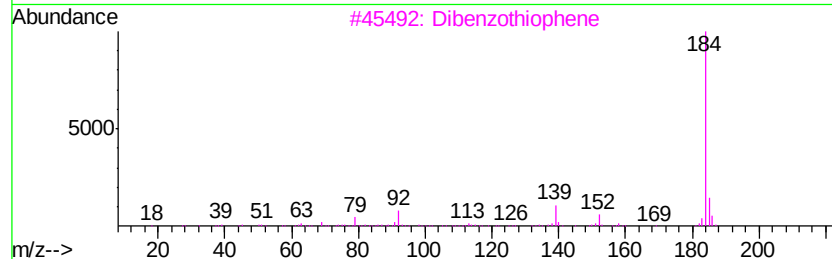
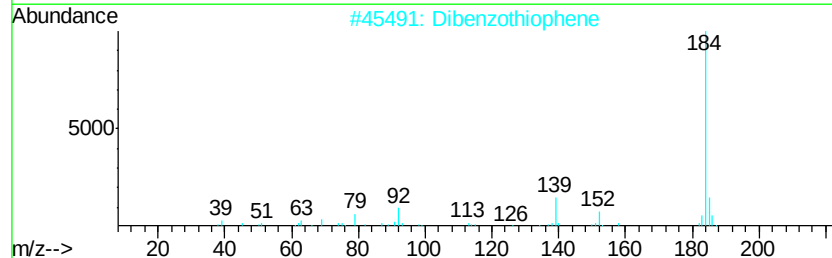
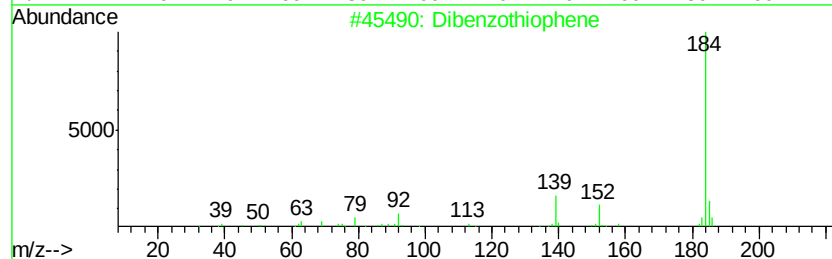
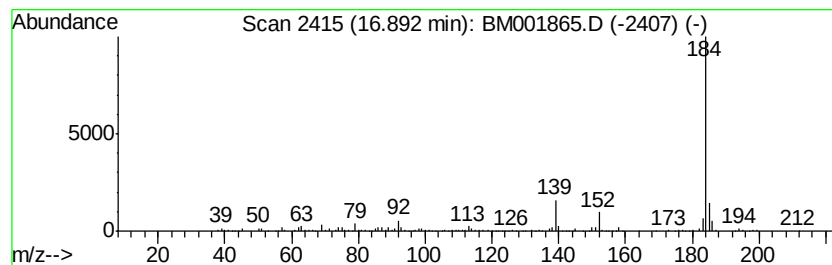
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	13.22 ng/ul	564695	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Dibenzothiophene	184	C12H8S	000132-65-0	93
3		Dibenzothiophene	184	C12H8S	000132-65-0	91
4		Dibenzothiophene	184	C12H8S	000132-65-0	91
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
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Sample : G2861-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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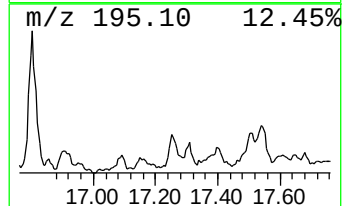
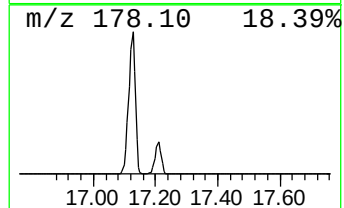
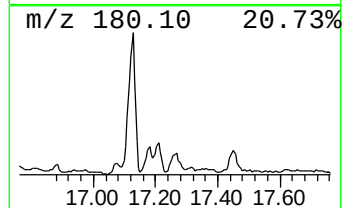
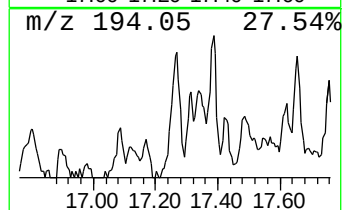
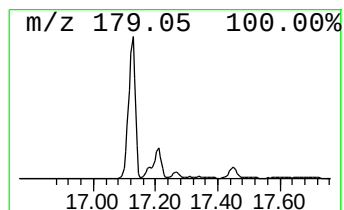
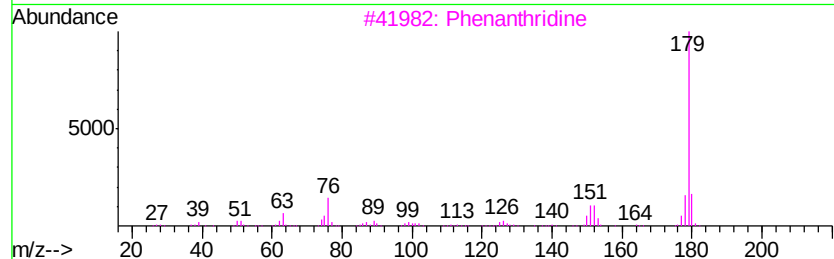
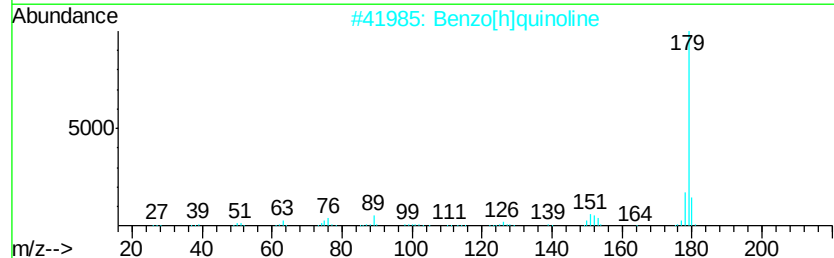
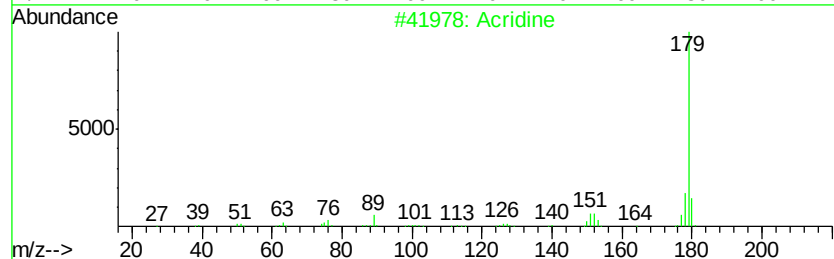
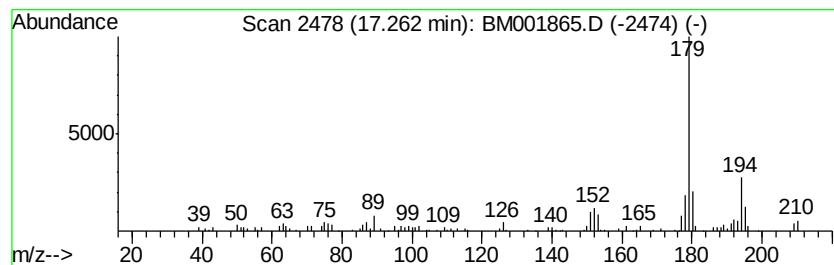
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Acridine Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	2.81 ng/ul	119834	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acridine	179	C13H9N	000260-94-6	76
2			Benzo[h]quinoline	179	C13H9N	000230-27-3	70
3			Phenanthridine	179	C13H9N	000229-87-8	68
4			[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	64
5			9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001865.D
Acq On : 07 Jul 2015 13:24
Operator : TP/UM
Sample : G2861-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93L1

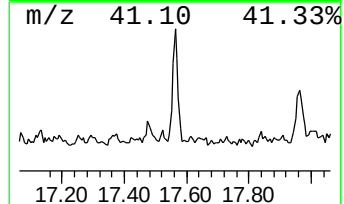
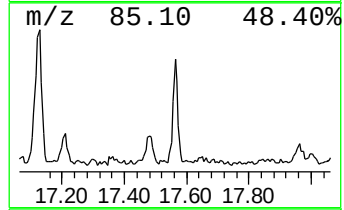
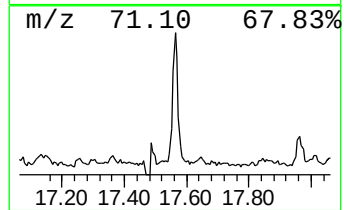
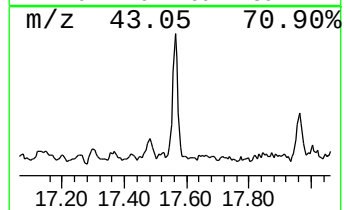
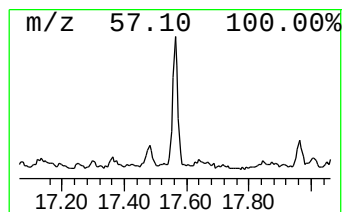
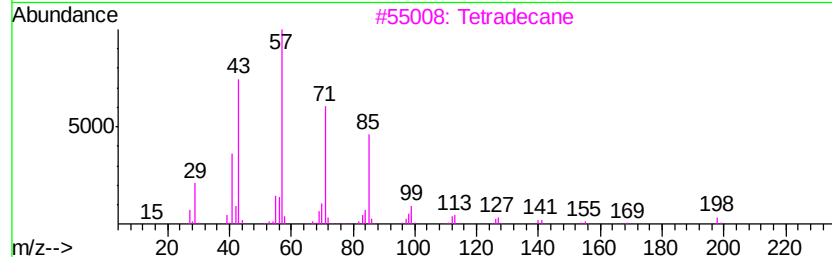
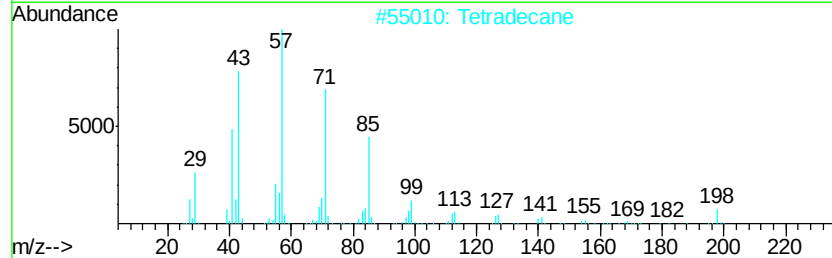
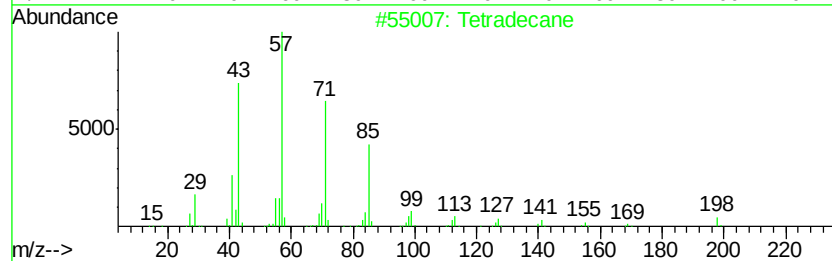
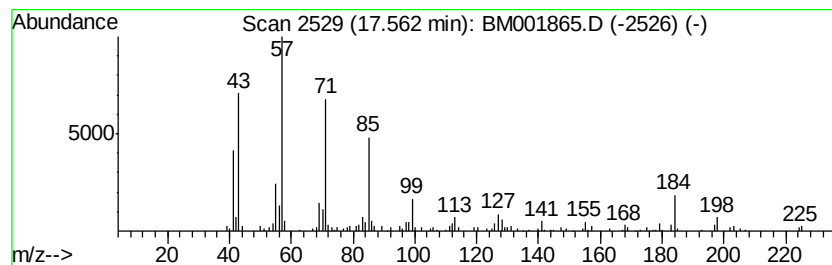
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	3.36 ng/ul	143736	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tetradecane	198	C14H30	000629-59-4	81
4		Docosane	310	C22H46	000629-97-0	80
5		Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001865.D
 Acq On : 07 Jul 2015 13:24
 Operator : TP/UM
 Sample : G2861-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Buten-2-one, 3-...	2.85	10.2	ng/ul	209656	1	7.67	411605	20.0
Butane, 2-methoxy...	2.89	94.5	ng/ul	1944040	1	7.67	411605	20.0
3-Penten-2-ol	2.93	7.5	ng/ul	155466	1	7.67	411605	20.0
Methacrylamide	3.66	10.8	ng/ul	221699	1	7.67	411605	20.0
Benzene, 1-propynyl-	8.20	7.2	ng/ul	147200	1	7.67	411605	20.0
Benzene, (1-nitro...	9.49	5.2	ng/ul	146585	2	10.46	569025	20.0
Naphthalene, 1-me...	12.35	29.3	ng/ul	832230	2	10.46	569025	20.0
Ether, p-methylbe...	13.20	3.7	ng/ul	157889	3	14.32	863152	20.0
Naphthalene, 1,6-...	13.48	5.9	ng/ul	252693	3	14.32	863152	20.0
Naphthalene, 2,3-...	13.64	12.9	ng/ul	556565	3	14.32	863152	20.0
Naphthalene, 1,4-...	13.88	5.8	ng/ul	251574	3	14.32	863152	20.0
Naphthalene, 1,4,...	14.80	3.0	ng/ul	129254	3	14.32	863152	20.0
Naphthalene, 1,6,...	14.94	4.9	ng/ul	212287	3	14.32	863152	20.0
Naphthalene, 2,3,...	15.12	4.4	ng/ul	188640	3	14.32	863152	20.0
[1,1'-Biphenyl]-4...	15.67	7.6	ng/ul	329271	3	14.32	863152	20.0
Dibenzofuran, 4-m...	15.82	14.3	ng/ul	610820	4	17.07	854389	20.0
(DEL) Alkane: Str...	16.05	10.2	ng/ul	437506	4	17.07	854389	20.0
9H-Fluorene, 1-me...	16.38	9.3	ng/ul	398388	4	17.07	854389	20.0
9H-Fluorene, 3-me...	16.53	2.9	ng/ul	123419	4	17.07	854389	20.0
9H-Fluoren-9-one	16.73	6.2	ng/ul	263440	4	17.07	854389	20.0
5,7-Dimethylpyrim...	16.80	3.2	ng/ul	137465	4	17.07	854389	20.0
(DEL) Alkane: Str...	16.82	4.1	ng/ul	176802	4	17.07	854389	20.0
Dibenzothiophene	16.89	13.2	ng/ul	564695	4	17.07	854389	20.0
Acridine	17.26	2.8	ng/ul	119834	4	17.07	854389	20.0
(DEL) Alkane: Str...	17.56	3.4	ng/ul	143736	4	17.07	854389	20.0