

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
 Data File : BM004427.D
 Acq On : 26 Feb 2016 14:42
 Operator : SJ/UM
 Sample : H1564-27
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9R23

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BM022216.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	2.734	3	8	18	rVV	30741	49425	8.68%	0.508%
2	2.810	18	21	28	rVB	10697	12210	2.14%	0.126%
3	6.757	688	692	697	rBV	74815	120379	21.14%	1.237%
4	6.804	697	700	712	rVB	49879	78020	13.70%	0.802%
5	6.951	720	725	733	rBB	43332	65787	11.55%	0.676%
6	7.151	754	759	770	rBB2	57525	96775	16.99%	0.995%
7	7.610	832	837	845	rBB	60836	95162	16.71%	0.978%
8	8.339	956	961	968	rBV	74351	117978	20.72%	1.213%
9	8.775	1030	1035	1045	rBB	54095	84716	14.88%	0.871%
10	9.498	1152	1158	1160	rBV	46146	76316	13.40%	0.784%
11	9.528	1160	1163	1171	rVB	60276	91901	16.14%	0.945%
12	10.039	1245	1250	1264	rBB	68880	123004	21.60%	1.264%
13	10.398	1305	1311	1316	rBV	101360	162700	28.57%	1.672%
14	10.451	1316	1320	1327	rVB	31157	49205	8.64%	0.506%
15	10.551	1332	1337	1353	rBB	50617	91429	16.05%	0.940%
16	10.728	1362	1367	1373	rBB	55803	81059	14.23%	0.833%
17	11.722	1531	1536	1549	rBB	50137	84250	14.79%	0.866%
18	12.298	1628	1634	1642	rBB	87916	132423	23.25%	1.361%
19	12.457	1656	1661	1666	rBB	30444	43195	7.59%	0.444%
20	12.710	1699	1704	1712	rBB	61217	90524	15.90%	0.931%
21	13.104	1765	1771	1779	rBV	176625	261403	45.90%	2.687%
22	13.692	1865	1871	1875	rBV	192014	265299	46.59%	2.727%
23	13.739	1875	1879	1887	rVB	205109	274101	48.13%	2.818%
24	13.869	1897	1901	1907	rBB	55779	70952	12.46%	0.729%
25	13.969	1912	1918	1928	rBB	232445	329731	57.90%	3.389%
26	14.174	1949	1953	1957	rBB	14311	17303	3.04%	0.178%
27	14.280	1964	1971	1977	rBB2	155569	236618	41.55%	2.432%
28	14.533	2008	2014	2026	rBV2	87189	207486	36.43%	2.133%
29	14.621	2026	2029	2034	rVV5	3908	7427	1.30%	0.076%
30	14.680	2034	2039	2046	rVB	74749	106340	18.67%	1.093%
31	15.133	2111	2116	2120	rBB	21886	27350	4.80%	0.281%
32	15.280	2135	2141	2149	rBB	299916	441758	77.57%	4.541%
33	15.433	2162	2167	2177	rBB2	76540	142721	25.06%	1.467%
34	15.527	2178	2183	2184	rBV2	5856	8988	1.58%	0.092%

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35	15.545	2184	2186	2190	rVB3	6416	6911	1.21%	0.071%
36	15.992	2258	2262	2270	rBV	20151	37435	6.57%	0.385%
37	16.345	2313	2322	2328	rBV	55597	80717	14.17%	0.830%
38	16.451	2335	2340	2345	rVV2	3123	5761	1.01%	0.059%
39	16.510	2345	2350	2356	rVB2	4028	6234	1.09%	0.064%
40	16.704	2374	2383	2393	rBV2	36340	59273	10.41%	0.609%
41	16.786	2393	2397	2400	rVV	12894	14966	2.63%	0.154%
42	16.833	2400	2405	2411	rVB3	2985	7754	1.36%	0.080%
43	17.033	2434	2439	2443	rBV	192403	270940	47.58%	2.785%
44	17.074	2443	2446	2451	rVV	272473	362870	63.72%	3.730%
45	17.133	2451	2456	2459	rVV	346535	473627	83.17%	4.869%
46	17.168	2459	2462	2468	rVB	111849	146134	25.66%	1.502%
47	17.415	2496	2504	2514	rBV	39696	64163	11.27%	0.660%
48	17.527	2519	2523	2527	rVB	6781	8489	1.49%	0.087%
49	18.004	2598	2604	2615	rVB	139584	179015	31.43%	1.840%
50	18.221	2637	2641	2646	rBV	3962	7351	1.29%	0.076%
51	18.356	2659	2664	2669	rVB	4515	6701	1.18%	0.069%
52	18.668	2707	2717	2725	rBV3	4469	11554	2.03%	0.119%
53	18.792	2733	2738	2748	rBV	139940	205222	36.04%	2.110%
54	19.103	2787	2791	2799	rVB	226788	313972	55.13%	3.227%
55	19.198	2799	2807	2815	rBV4	10952	22190	3.90%	0.228%
56	19.445	2843	2849	2852	rBV	362986	569477	100.00%	5.854%
57	19.474	2852	2854	2862	rVB	249466	268369	47.13%	2.759%
58	19.986	2932	2941	2944	rVV6	4815	12452	2.19%	0.128%
59	20.121	2959	2964	2969	rBV3	5680	9504	1.67%	0.098%
60	20.192	2969	2976	2979	rVB3	4188	7235	1.27%	0.074%
61	20.315	2992	2997	3002	rBV3	13137	21711	3.81%	0.223%
62	20.639	3049	3052	3060	rBV4	4055	7447	1.31%	0.077%
63	20.945	3100	3104	3115	rBV	81147	116765	20.50%	1.200%
64	21.156	3136	3140	3147	rVB	244541	266794	46.85%	2.743%
65	21.245	3151	3155	3159	rBV	188155	258304	45.36%	2.655%
66	21.286	3159	3162	3169	rVB	211621	256214	44.99%	2.634%
67	22.397	3347	3351	3359	rVB	19085	27194	4.78%	0.280%
68	23.333	3503	3510	3514	rBV	254411	474841	83.38%	4.881%
69	23.374	3514	3517	3524	rVV	135013	226636	39.80%	2.330%
70	23.474	3527	3534	3547	rVB2	125425	251229	44.12%	2.583%
71	25.709	3904	3914	3928	rBV2	148348	425694	74.75%	4.376%

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72	26.391	4024	4030	4038	rVB2	21974	52340	9.19%	0.538%
73	29.262	4511	4518	4531	rVB6	10977	40634	7.14%	0.418%

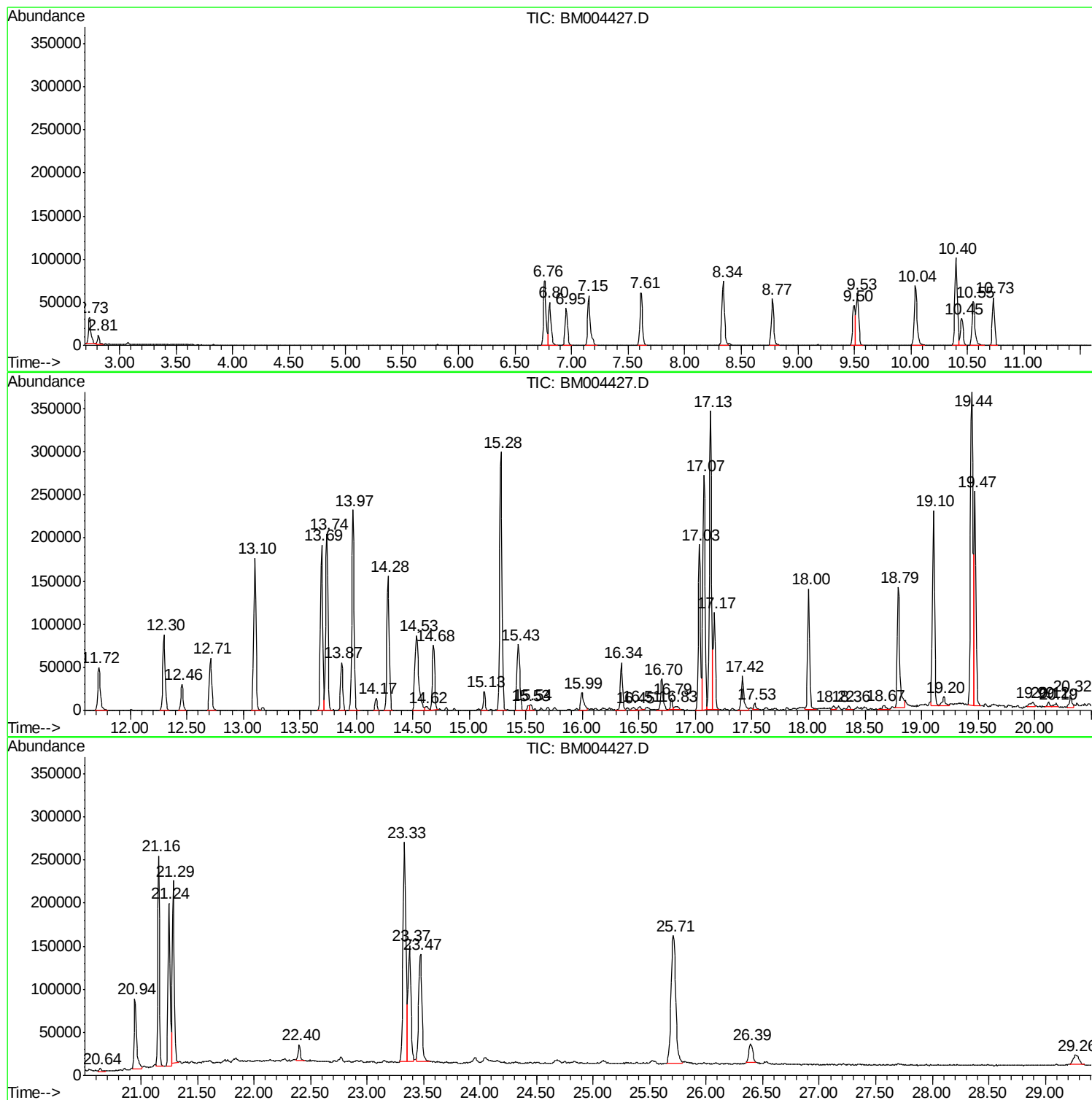
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

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



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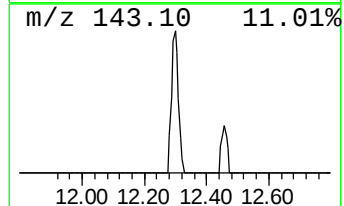
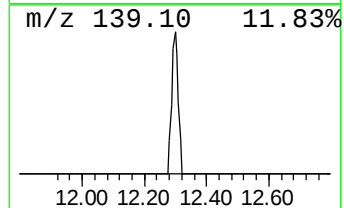
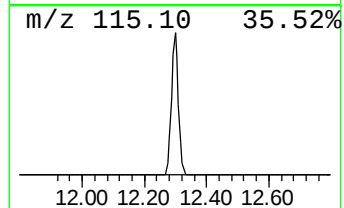
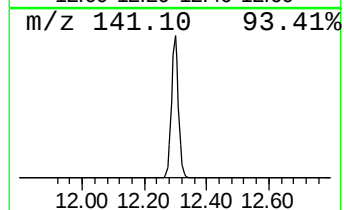
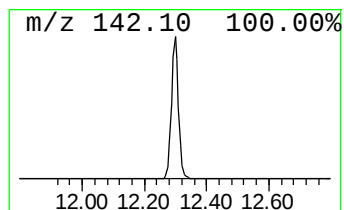
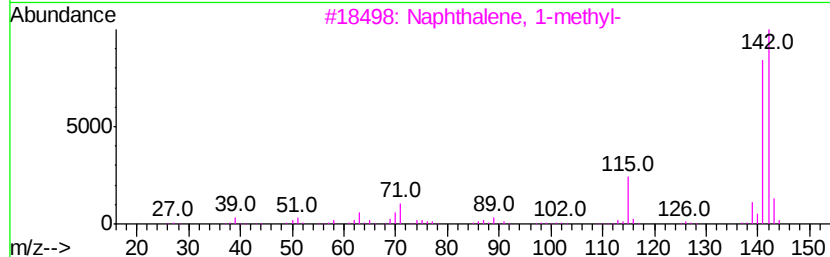
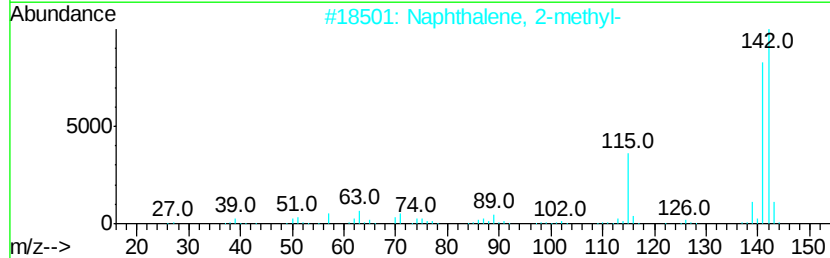
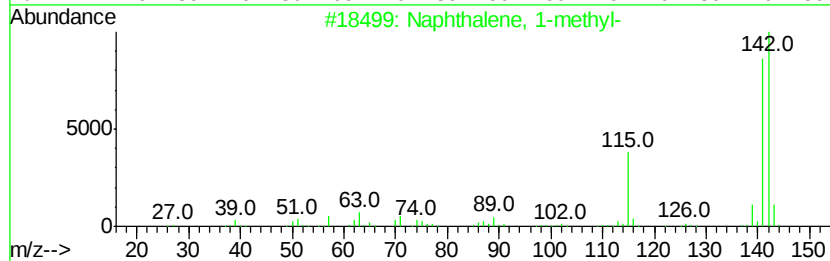
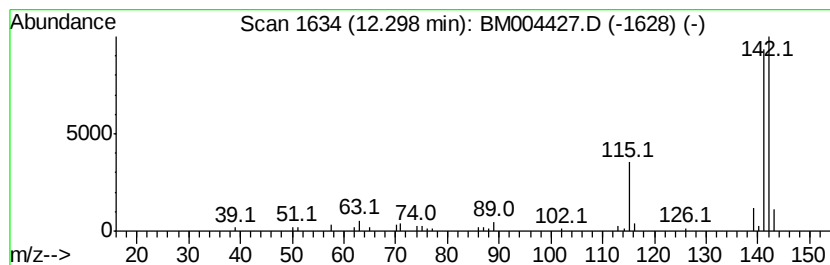
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.30	16.28 ng/ul	132423	Naphthalene-d8	10.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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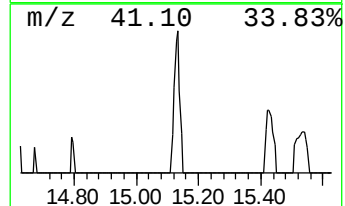
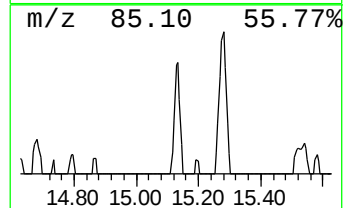
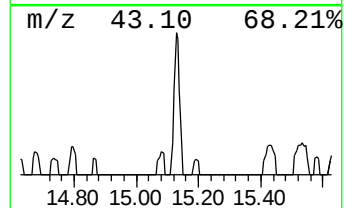
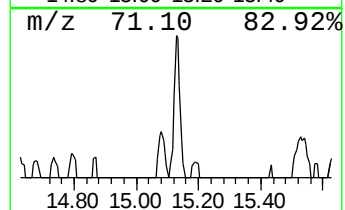
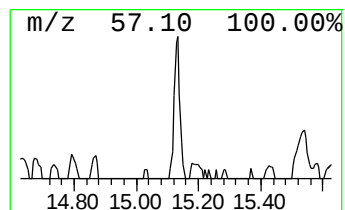
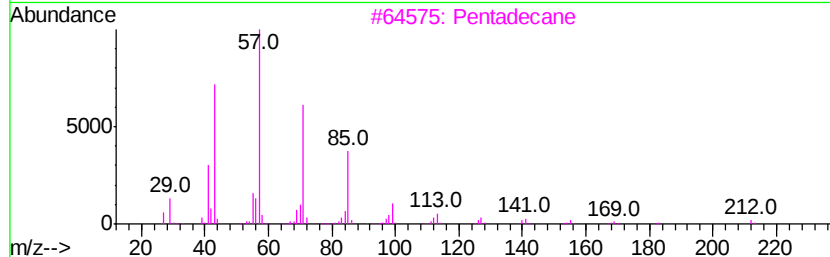
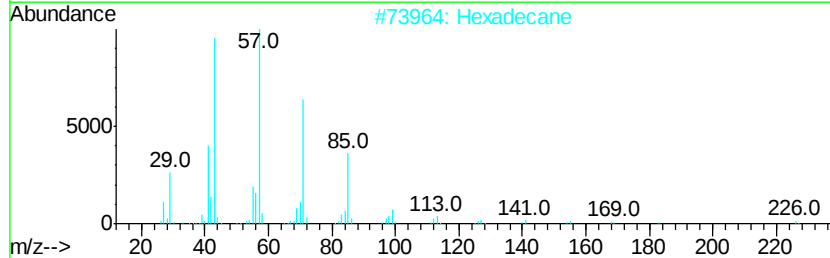
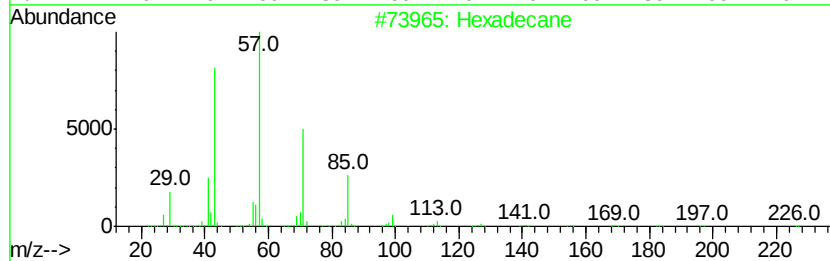
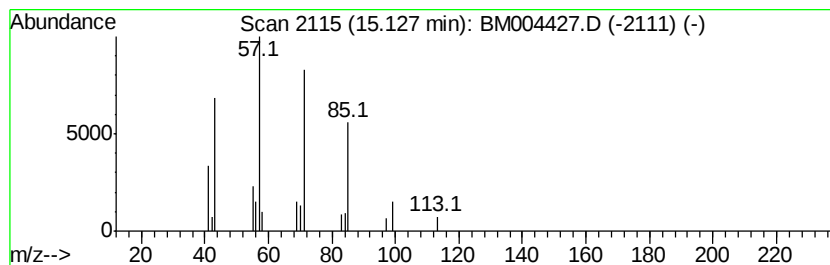
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.31 ng/ul	27350	Acenaphthene-d10	14.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Hexadecane	226	C16H34	000544-76-3	78
3		Pentadecane	212	C15H32	000629-62-9	78
4		Eicosane	282	C20H42	000112-95-8	74
5		Tetradecane	198	C14H30	000629-59-4	72



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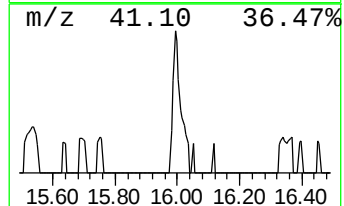
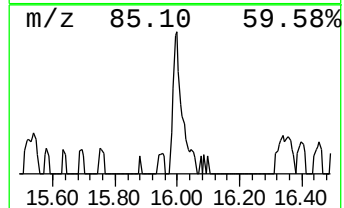
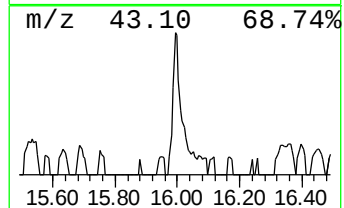
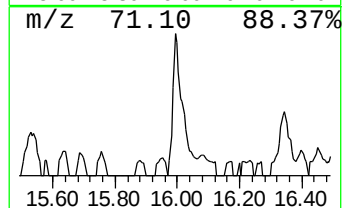
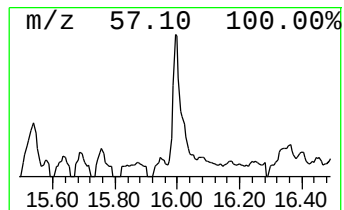
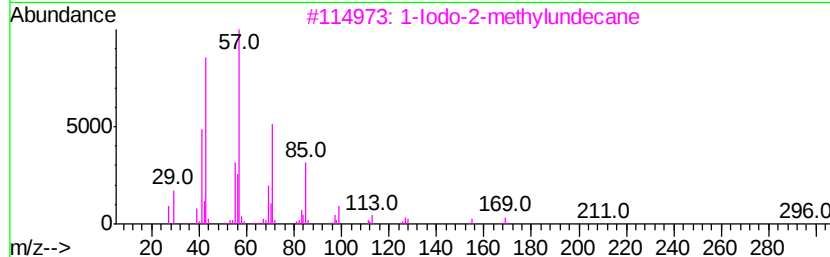
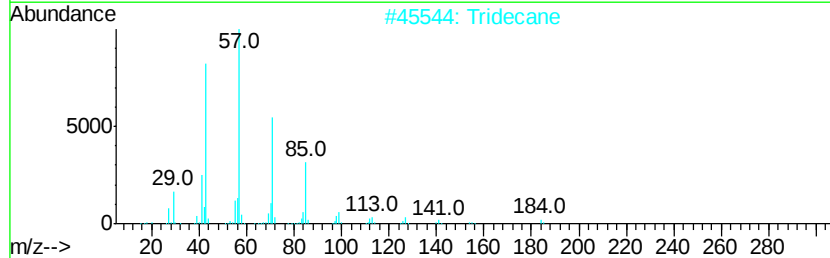
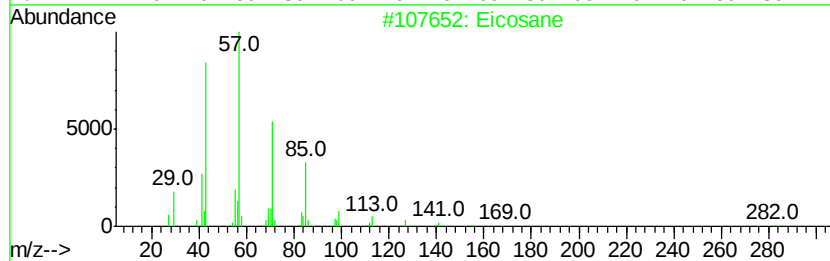
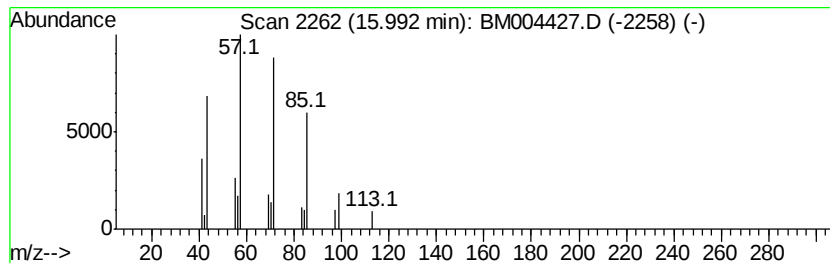
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.76 ng/ul	37435	Phenanthrene-d10	17.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	83
2	Tridecane		184	C13H28	000629-50-5	72
3	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	64
4	Pentadecane		212	C15H32	000629-62-9	56
5	Hexadecane		226	C16H34	000544-76-3	56



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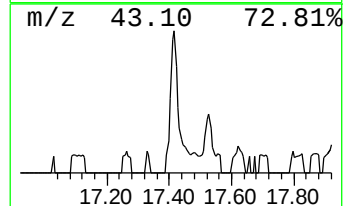
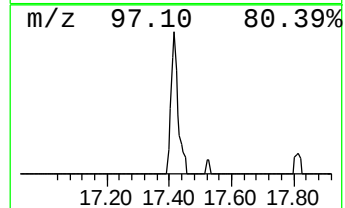
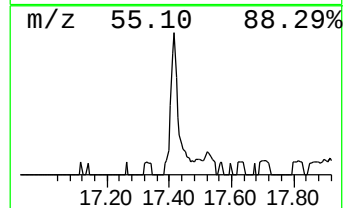
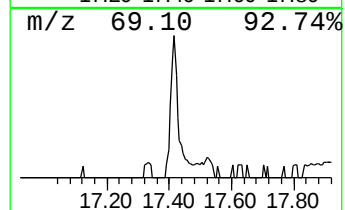
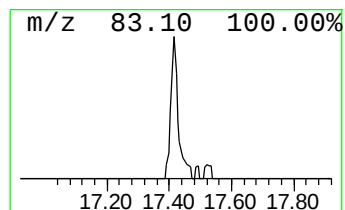
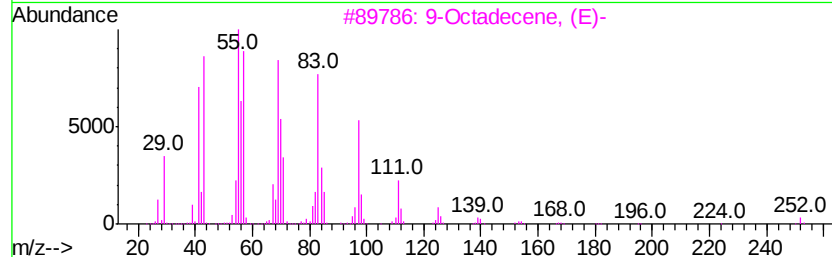
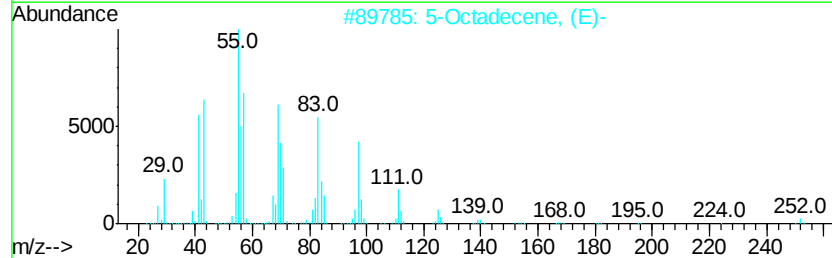
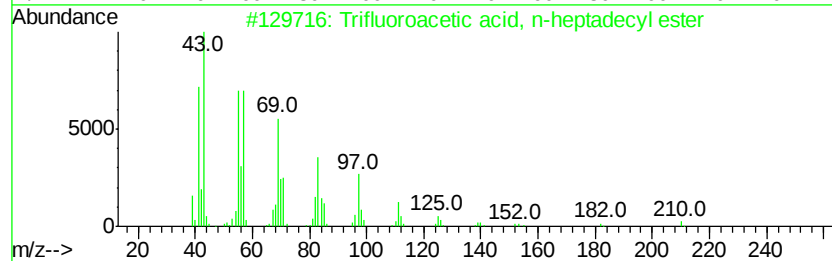
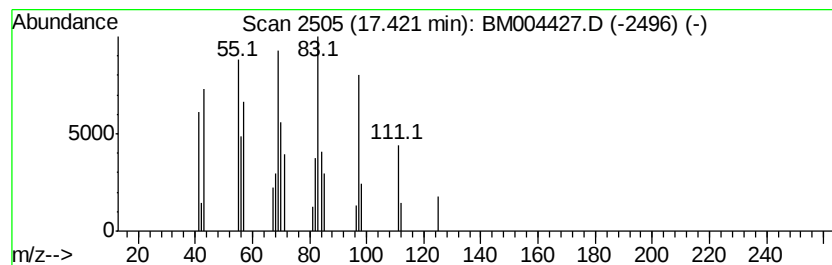
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Trifluoroacetic acid, n-hep... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	4.74 ng/ul	64163	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3		9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4		Acetic acid, trifluoro-, tetradec...	310	C16H29F3O2	006222-02-2	91
5		11-Tricosene	322	C23H46	052078-56-5	74



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Operator : SJ/UM
Sample : H1564-27
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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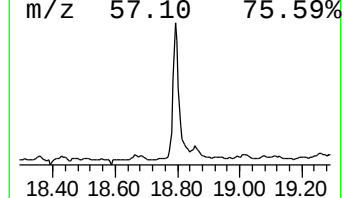
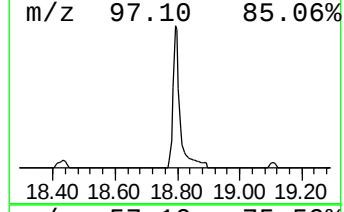
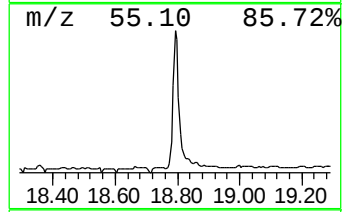
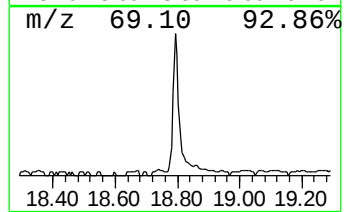
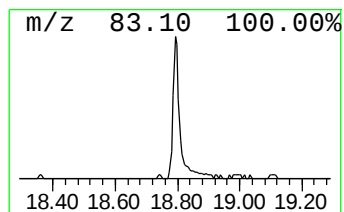
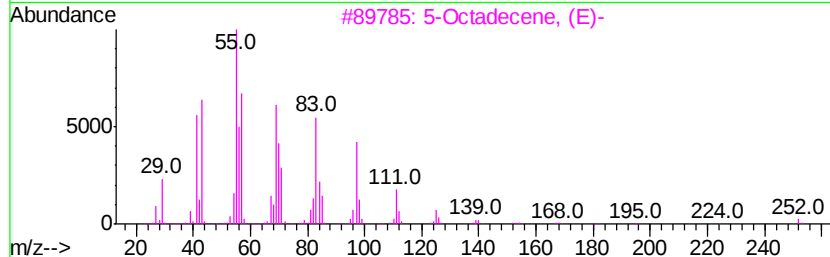
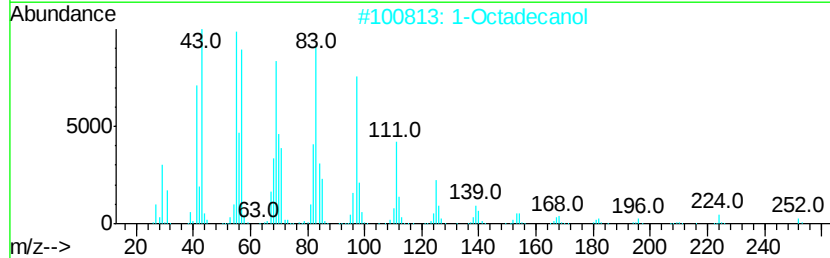
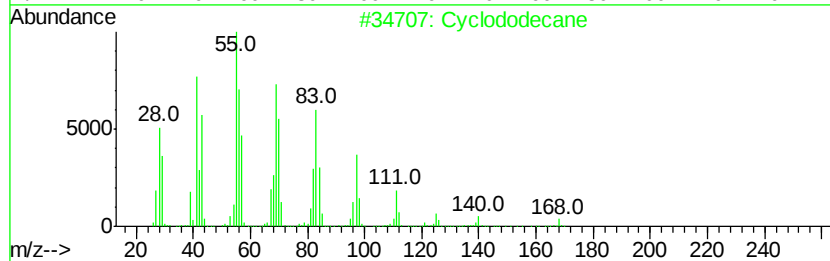
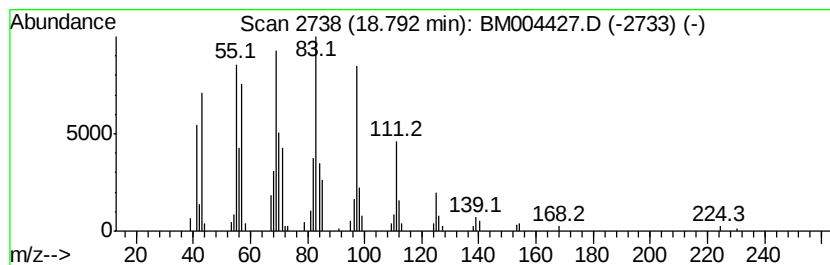
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic18.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	15.15 ng/ul	205222	Phenanthrene-d10	17.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclododecane	168	C12H24	000294-62-2	97
2		1-Octadecanol	270	C18H38O	000112-92-5	94
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		1-Hexadecanol	242	C16H34O	036653-82-4	91



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Misc :
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ClientSampleId :
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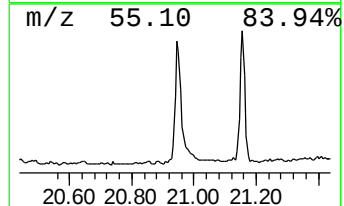
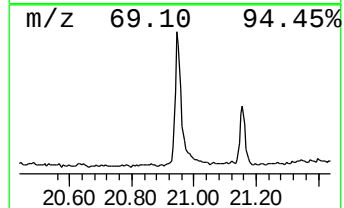
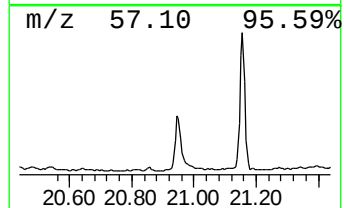
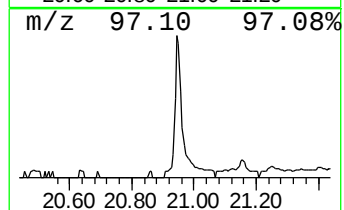
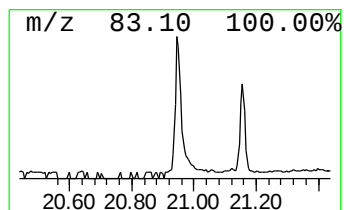
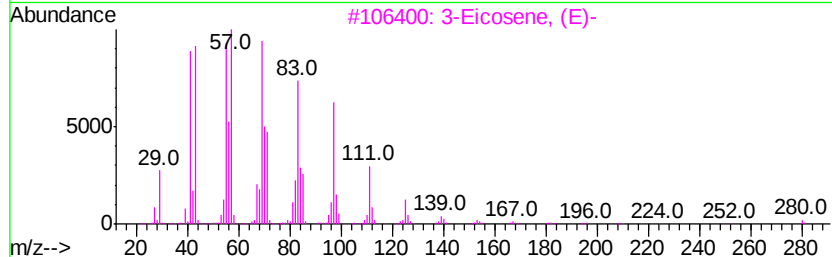
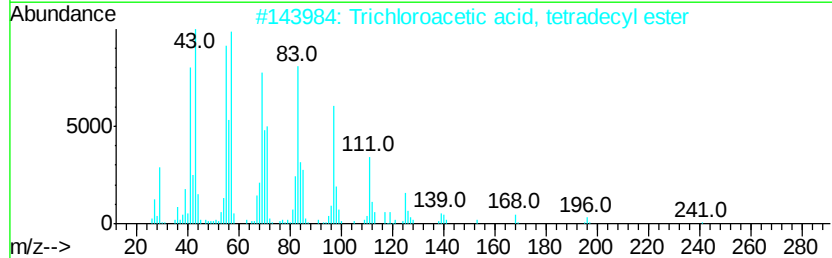
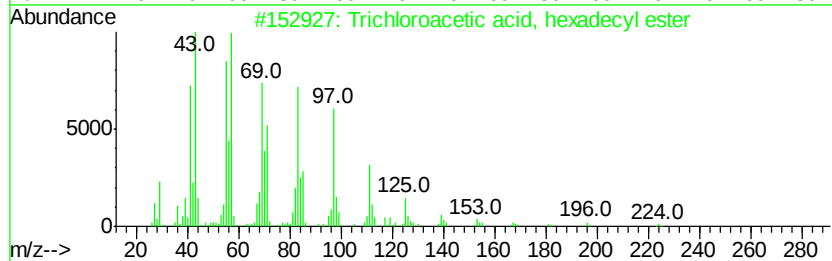
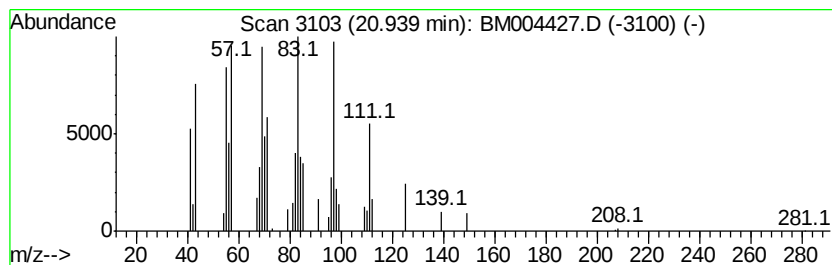
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	9.04 ng/ul	116765	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90



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Sample : H1564-27
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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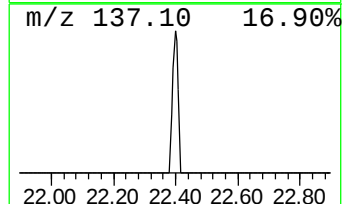
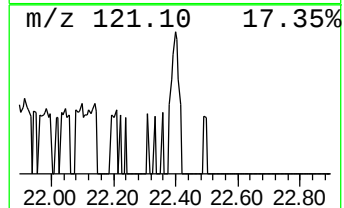
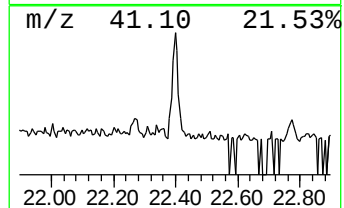
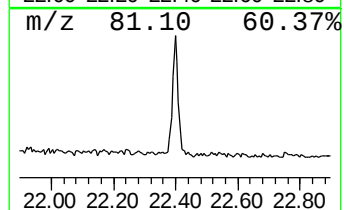
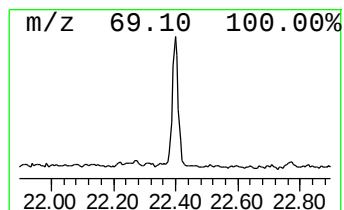
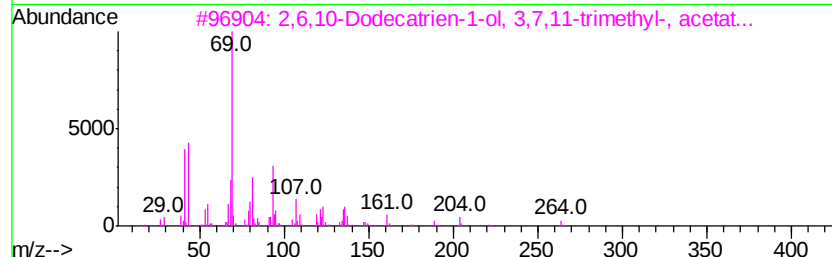
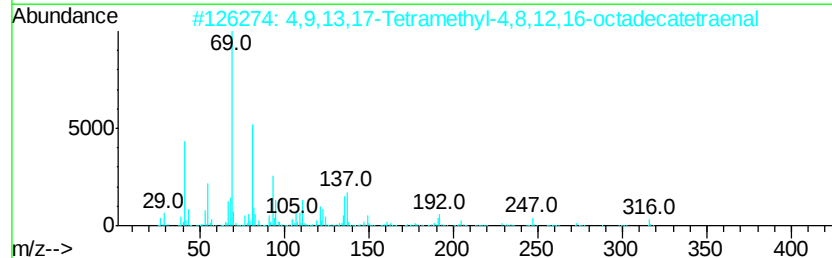
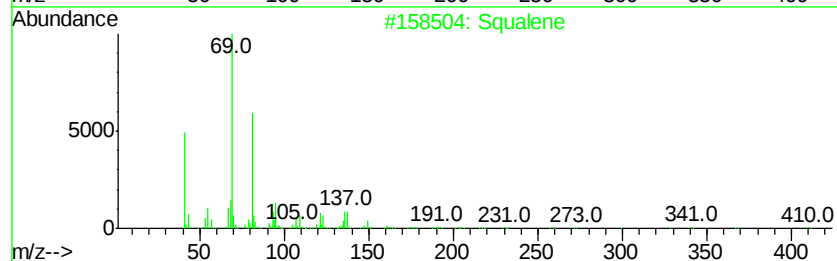
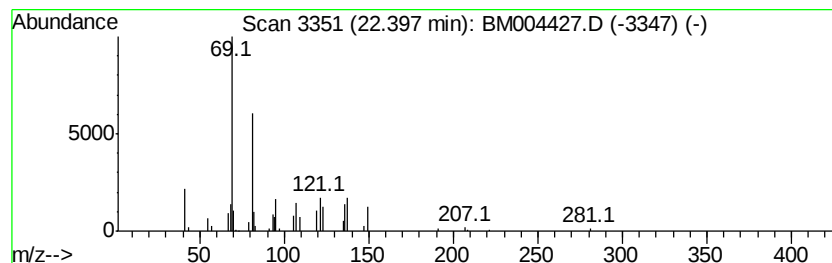
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.16 ng/ul	27194	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	78
2		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
3		2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
4		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
5		.beta.-D-Mannofuranoside, farnesyl-	384	C21H36O6	1000155-15-5	64



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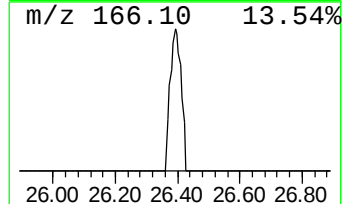
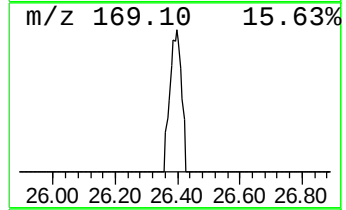
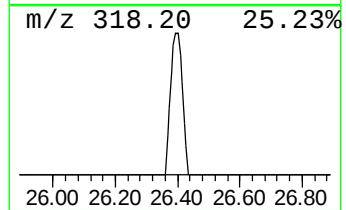
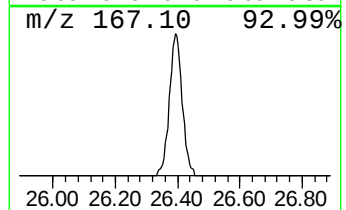
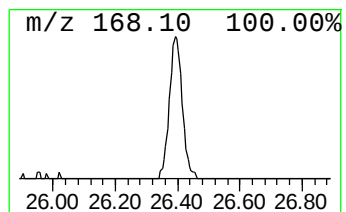
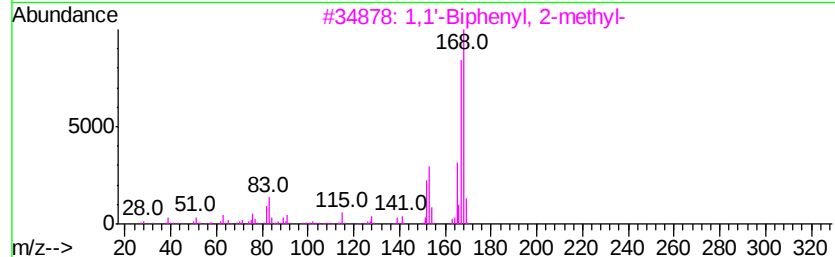
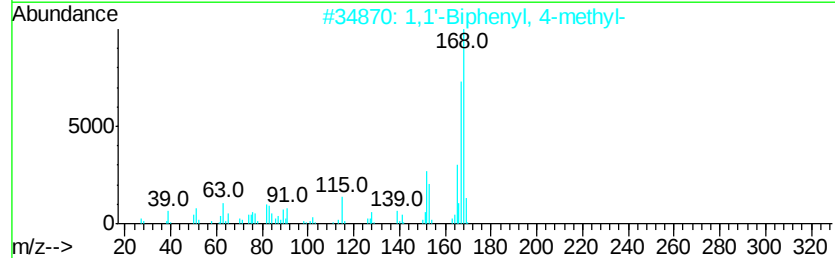
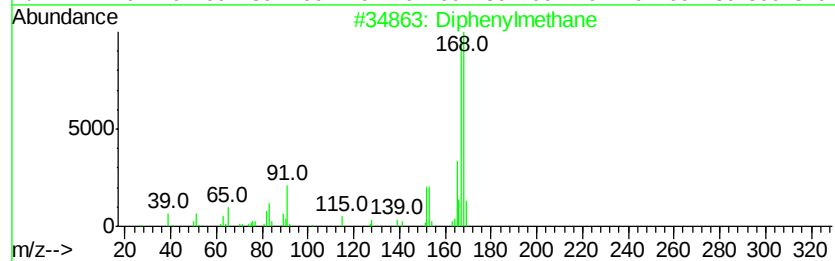
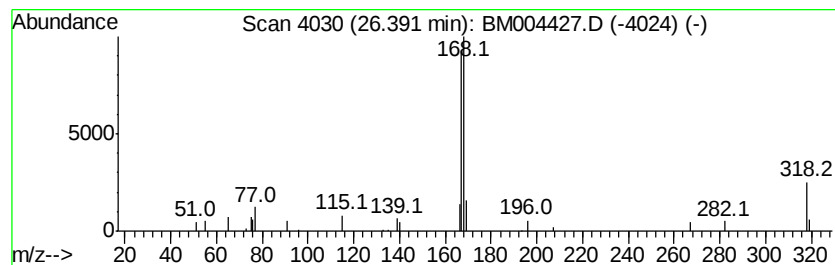
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Diphenylmethane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.39	4.17 ng/ul	52340	Perylene-d12	23.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenylmethane	168	C13H12	000101-81-5	72
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	72
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	72
4			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	72
5			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64



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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.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
Naphthalene, 1-me...	12.30	16.3	ng/ul	132423	2	10.40	162700	20.0
(DEL) Alkane: Str...	15.13	2.3	ng/ul	27350	3	14.28	236618	20.0
(DEL) Alkane: Str...	15.99	2.8	ng/ul	37435	4	17.03	270940	20.0
Trifluoroacetic a...	17.42	4.7	ng/ul	64163	4	17.03	270940	20.0
(DEL) Alkane: Cyc...	18.79	15.2	ng/ul	205222	4	17.03	270940	20.0
Trichloroacetic a...	20.94	9.0	ng/ul	116765	5	21.25	258304	20.0
Squalene	22.40	2.2	ng/ul	27194	6	23.47	251229	20.0
Diphenylmethane	26.39	4.2	ng/ul	52340	6	23.47	251229	20.0