

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025134.D
 Acq On : 13 Dec 2016 3:59
 Operator : UM/SJ
 Sample : H5990-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKGROUND03-0106-03

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.273	70	74	85	rVB6	24759	43589	0.48%	0.043%
2	3.361	86	89	94	rVB5	18571	23089	0.25%	0.023%
3	3.590	125	128	136	rVB5	20921	31913	0.35%	0.031%
4	4.131	217	220	226	rVB6	24444	35062	0.39%	0.034%
5	4.924	350	355	363	rBV9	7875	23752	0.26%	0.023%
6	5.306	413	420	426	rBV7	11093	24791	0.27%	0.024%
7	6.892	684	690	697	rVB4	54120	92707	1.02%	0.091%
8	7.203	734	743	755	rVV8	22506	63939	0.70%	0.062%
9	7.386	763	774	788	rBV2	472555	1040373	11.47%	1.016%
10	7.556	796	803	812	rBV	317962	560671	6.18%	0.547%
11	7.768	827	839	848	rBV	432628	820058	9.04%	0.801%
12	8.238	911	919	932	rVB2	387313	727510	8.02%	0.710%
13	8.937	1031	1038	1050	rBV2	580381	1102299	12.15%	1.076%
14	9.419	1110	1120	1130	rBV	457578	885830	9.76%	0.865%
15	10.141	1233	1243	1256	rBV2	416632	822628	9.07%	0.803%
16	10.300	1264	1270	1272	rBV7	13679	27205	0.30%	0.027%
17	10.682	1325	1335	1346	rBV2	593653	1174581	12.95%	1.147%
18	10.835	1354	1361	1368	rVB9	10161	28072	0.31%	0.027%
19	11.064	1392	1400	1417	rBV	587022	1143426	12.60%	1.116%
20	11.216	1417	1426	1436	rBV6	62829	187144	2.06%	0.183%
21	12.638	1662	1668	1673	rBV3	13408	24465	0.27%	0.024%
22	13.214	1758	1766	1775	rBV9	31810	79395	0.88%	0.078%
23	13.602	1823	1832	1837	rBV10	25094	57305	0.63%	0.056%
24	13.719	1845	1852	1859	rVB4	57612	97945	1.08%	0.096%
25	13.796	1859	1865	1868	rBV5	16595	29684	0.33%	0.029%
26	13.960	1884	1893	1898	rBV6	17868	43946	0.48%	0.043%
27	14.172	1925	1929	1935	rBV9	17151	34490	0.38%	0.034%
28	14.254	1935	1943	1947	rVV	1169708	1828075	20.15%	1.785%
29	14.295	1947	1950	1959	rVB2	253797	363071	4.00%	0.354%
30	14.560	1986	1995	2007	rBV	1168093	1952667	21.52%	1.906%
31	14.677	2009	2015	2018	rBV8	29675	50699	0.56%	0.049%
32	14.795	2026	2035	2040	rBV2	333482	513702	5.66%	0.501%
33	14.859	2040	2046	2065	rVB	1040232	1831798	20.19%	1.788%
34	15.059	2070	2080	2092	rBV	483058	1135931	12.52%	1.109%

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35	15.147	2093	2095	2101	rVV7	47208	70063	0.77%	0.068%
36	15.212	2101	2106	2117	rVV8	45758	117002	1.29%	0.114%
37	15.652	2176	2181	2188	rVB2	55130	76893	0.85%	0.075%
38	15.846	2205	2214	2228	rBV	1621187	2588598	28.53%	2.527%
39	15.964	2228	2234	2241	rBV	593581	941956	10.38%	0.920%
40	16.164	2263	2268	2279	rBV	53739	107087	1.18%	0.105%
41	16.305	2286	2292	2298	rVB3	172161	251082	2.77%	0.245%
42	16.404	2305	2309	2314	rVB7	22652	32062	0.35%	0.031%
43	16.510	2323	2327	2331	rBV2	45271	77912	0.86%	0.076%
44	16.733	2362	2365	2371	rVB8	18073	29088	0.32%	0.028%
45	16.945	2397	2401	2413	rBV8	33765	68811	0.76%	0.067%
46	17.198	2440	2444	2450	rVB9	13056	26843	0.30%	0.026%
47	17.298	2457	2461	2465	rBV4	40795	58353	0.64%	0.057%
48	17.444	2481	2486	2493	rVB8	68691	111302	1.23%	0.109%
49	17.603	2506	2513	2518	rBV	1295699	2111949	23.28%	2.062%
50	17.703	2524	2530	2539	rVB	1629407	2552231	28.13%	2.491%
51	18.032	2585	2586	2594	rVB8	28240	36839	0.41%	0.036%
52	18.185	2607	2612	2625	rVB9	60583	120713	1.33%	0.118%
53	18.326	2630	2636	2642	rBV9	67205	134193	1.48%	0.131%
54	18.384	2642	2646	2651	rBV3	94128	131068	1.44%	0.128%
55	18.443	2651	2656	2665	rBV	1512282	2196827	24.21%	2.145%
56	18.526	2666	2670	2679	rVB2	88706	177352	1.95%	0.173%
57	18.667	2688	2694	2699	rBV8	32745	69547	0.77%	0.068%
58	18.737	2702	2706	2710	rVB7	42931	63232	0.70%	0.062%
59	18.855	2724	2726	2731	rVB6	26678	41868	0.46%	0.041%
60	18.919	2734	2737	2741	rVB5	44776	55070	0.61%	0.054%
61	19.013	2749	2753	2761	rVB9	53277	106933	1.18%	0.104%
62	19.295	2797	2801	2806	rBV7	42123	76281	0.84%	0.074%
63	19.348	2806	2810	2817	rVV4	65405	112838	1.24%	0.110%
64	19.589	2843	2851	2856	rBV3	289258	651587	7.18%	0.636%
65	19.636	2856	2859	2864	rVB	408884	587618	6.48%	0.574%
66	19.701	2865	2870	2887	rVB	1012990	1426468	15.72%	1.393%
67	19.918	2904	2907	2910	rVB2	43224	46622	0.51%	0.046%
68	19.977	2910	2917	2928	rVB2	1970017	3417934	37.67%	3.337%
69	20.329	2970	2977	2983	rVB3	114598	224000	2.47%	0.219%
70	20.441	2989	2996	3000	rBV5	262780	540011	5.95%	0.527%
71	20.782	3048	3054	3059	rBV9	61547	163173	1.80%	0.159%

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72	20.940	3078	3081	3091	rVB4	112640	192095	2.12%	0.188%
73	21.134	3110	3114	3120	rVB5	147014	205176	2.26%	0.200%
74	21.316	3139	3145	3151	rVB	1417968	2029614	22.37%	1.981%
75	21.469	3164	3171	3183	rBV	1846621	3340897	36.82%	3.261%
76	21.892	3232	3243	3249	rBV	1385372	3073777	33.88%	3.001%
77	22.027	3263	3266	3268	rBV2	82075	98716	1.09%	0.096%
78	22.292	3306	3311	3325	rVB3	350501	622343	6.86%	0.608%
79	22.703	3368	3381	3397	rBV	2946482	7929784	87.40%	7.741%
80	22.973	3423	3427	3437	rVB10	142797	310153	3.42%	0.303%
81	23.191	3460	3464	3475	rVB10	103511	244191	2.69%	0.238%
82	23.396	3490	3499	3505	rBV2	963738	2108008	23.23%	2.058%
83	23.455	3506	3509	3522	rVB5	188146	417275	4.60%	0.407%
84	23.766	3555	3562	3572	rVB2	710023	1440769	15.88%	1.406%
85	24.236	3632	3642	3650	rBV	3723104	9072948	100.00%	8.857%
86	24.325	3650	3657	3673	rVB2	1275210	3795999	41.84%	3.706%
87	24.460	3676	3680	3703	rVB5	208858	601489	6.63%	0.587%
88	24.689	3714	3719	3728	rVB6	147922	331458	3.65%	0.324%
89	25.083	3777	3786	3796	rBV2	876928	2384284	26.28%	2.328%
90	25.224	3805	3810	3817	rVB2	243852	569692	6.28%	0.556%
91	25.323	3818	3827	3846	rVB	744948	2530160	27.89%	2.470%
92	25.793	3898	3907	3920	rVB2	603220	1701361	18.75%	1.661%
93	26.428	4002	4015	4030	rVB	2722637	8868818	97.75%	8.658%
94	26.587	4033	4042	4062	rBV4	533955	2378856	26.22%	2.322%
95	26.775	4066	4074	4090	rVB2	428296	1410404	15.55%	1.377%
96	28.714	4394	4404	4421	rVB5	379154	1520343	16.76%	1.484%
97	29.571	4540	4550	4567	rVB3	472107	2167236	23.89%	2.116%
98	30.135	4636	4646	4665	rVB3	363541	1708069	18.83%	1.667%
99	30.935	4769	4782	4802	rVB3	343419	1843043	20.31%	1.799%
100	31.851	4923	4938	4960	rBV10	506075	3038413	33.49%	2.966%

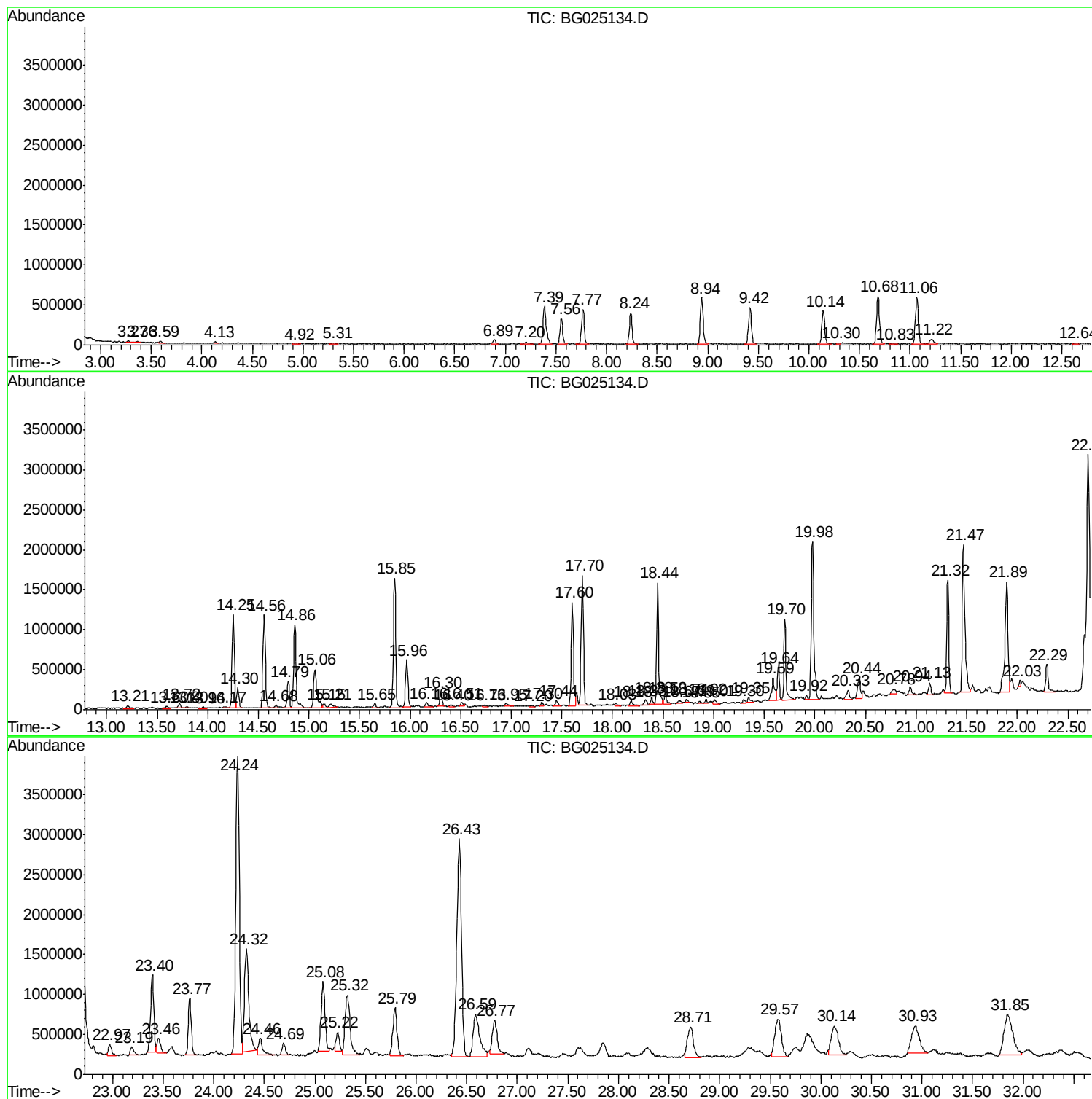
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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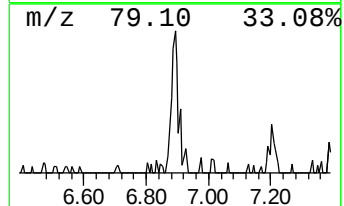
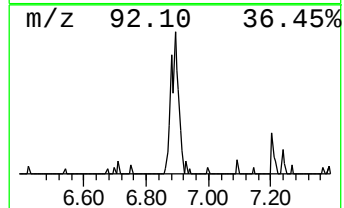
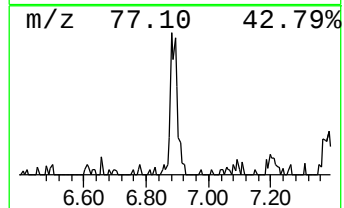
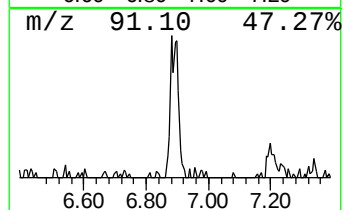
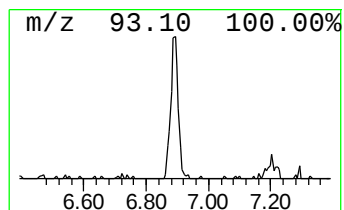
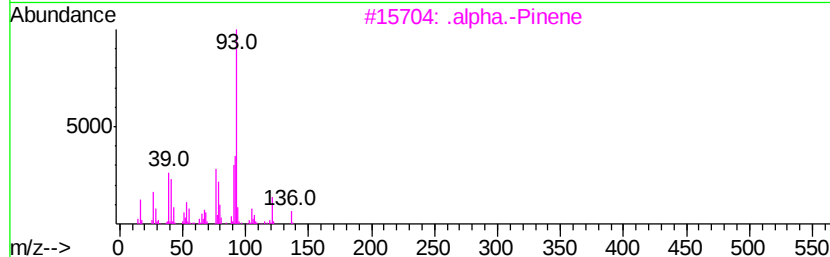
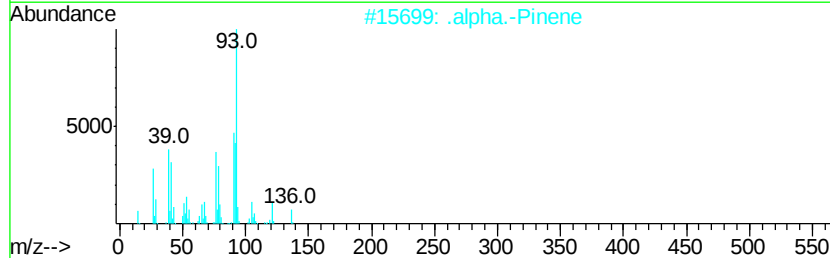
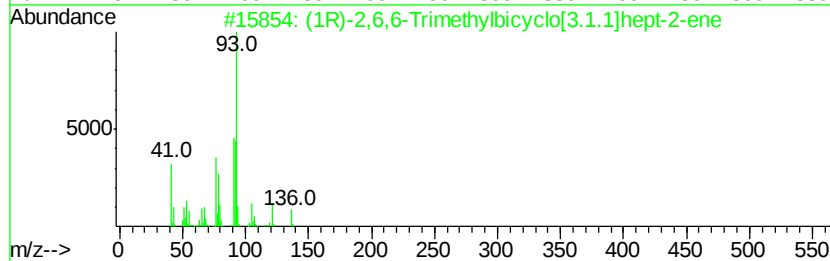
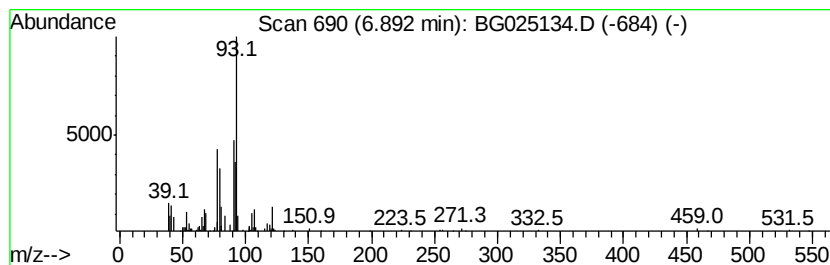
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	2.55 ng/ul	92707	1,4-Dichlorobenzene-d4	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	86
2		.alpha.-Pinene	136	C10H16	000080-56-8	86
3		.alpha.-Pinene	136	C10H16	000080-56-8	72
4		Bicyclo[3.1.0]hex-2-ene, 2-methyl-	136	C10H16	002867-05-2	72
5		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	72



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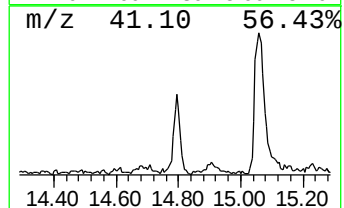
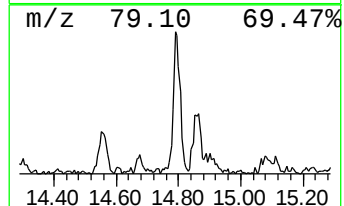
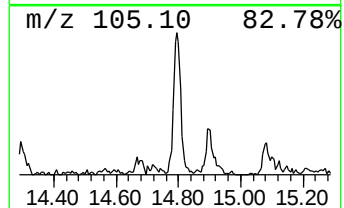
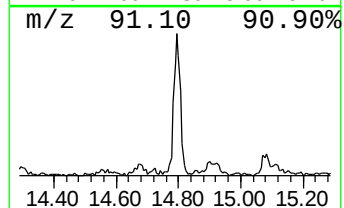
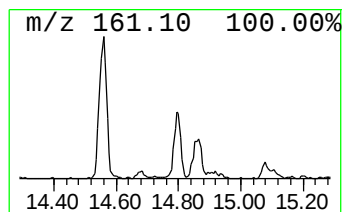
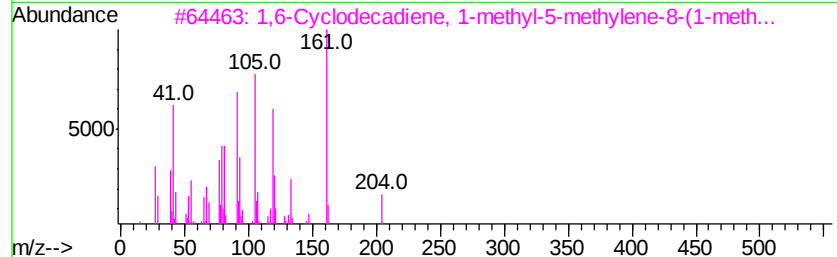
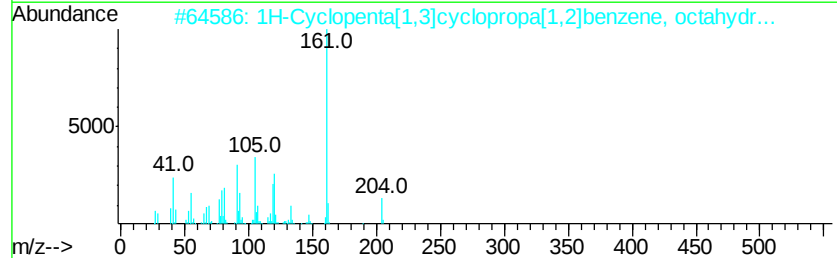
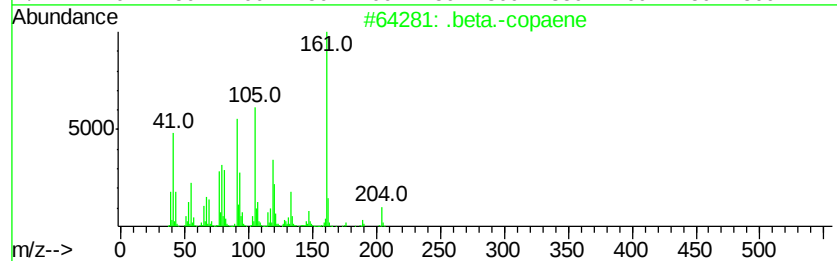
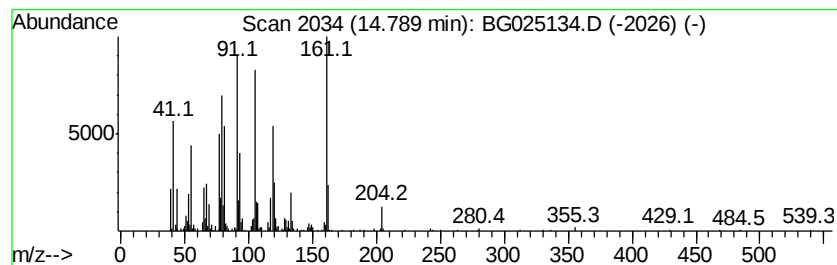
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Peak Number 2 .beta.-copaene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	5.61 ng/ul	513702	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-copaene	204	C15H24	1000374-18-9	91
2		1H-Cyclopenta[1,3]cyclopropa[1,2]...	204	C15H24	013744-15-5	91
3		1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	90
4		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	81
5		Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	62



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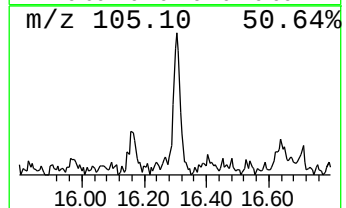
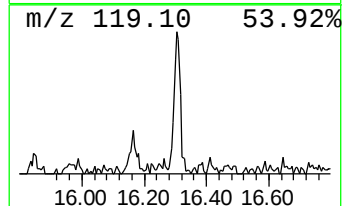
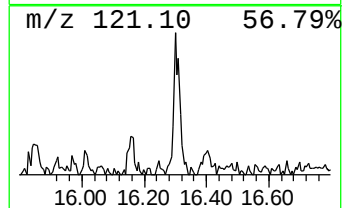
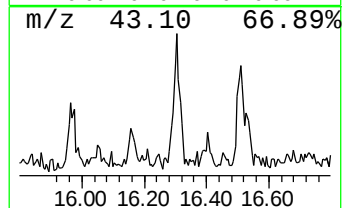
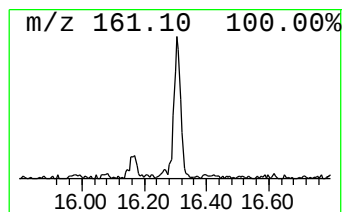
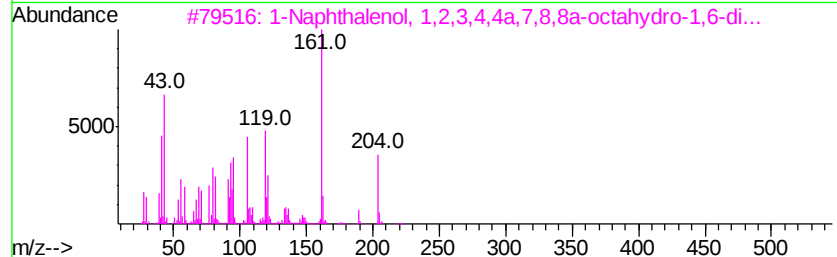
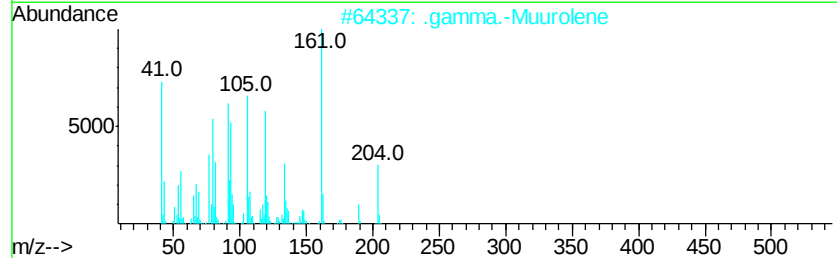
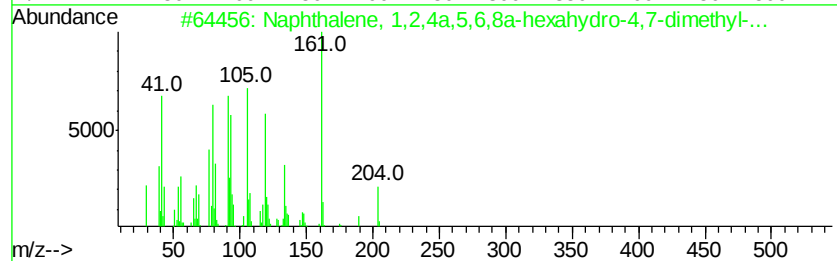
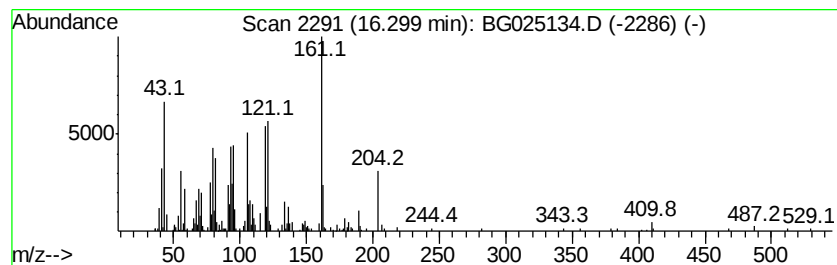
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,4a,5,6,8a-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.38 ng/ul	251082	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	90
2		.gamma.-Muurolene	204	C15H24	030021-74-0	90
3		1-Naphthalenol, 1,2,3,4,4a,7,8,8...	222	C15H26O	133645-25-7	87
4		.gamma.-Muurolene	204	C15H24	030021-74-0	81
5		.gamma.-Muurolene	204	C15H24	030021-74-0	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BACKGROUND03-0106-03

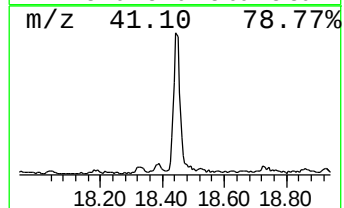
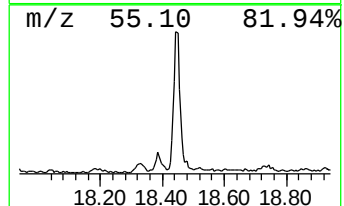
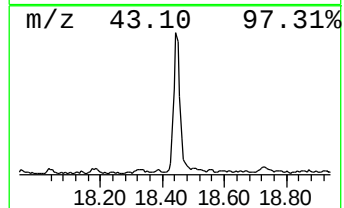
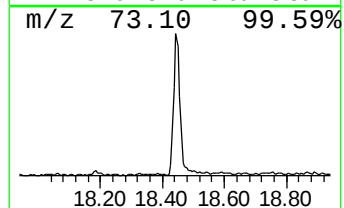
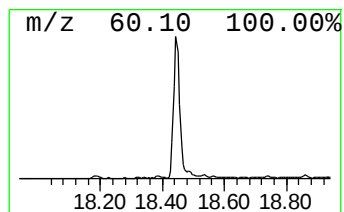
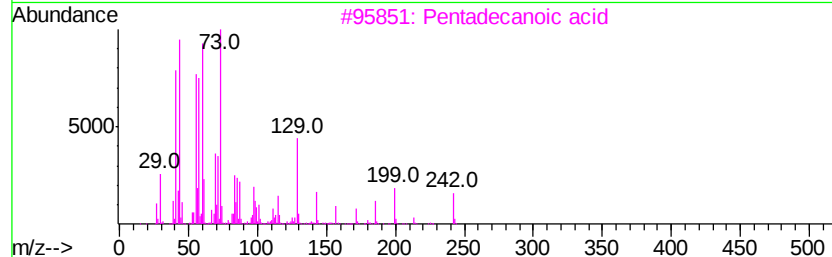
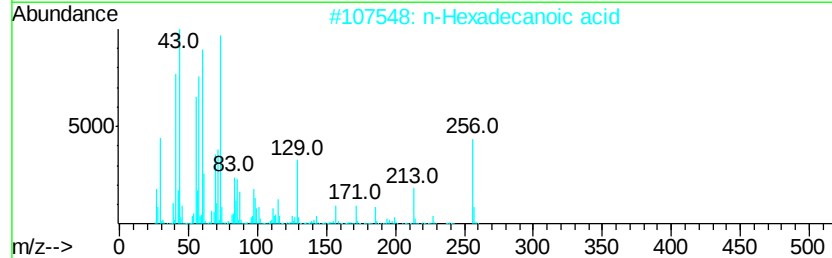
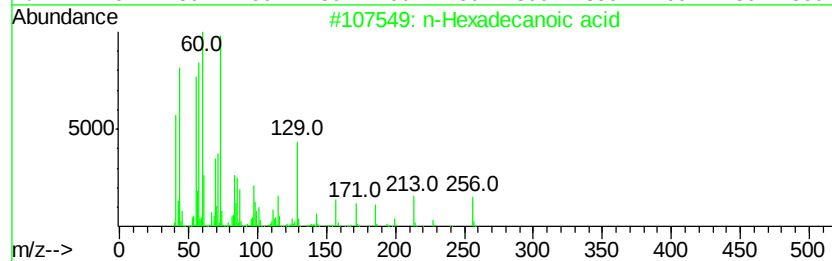
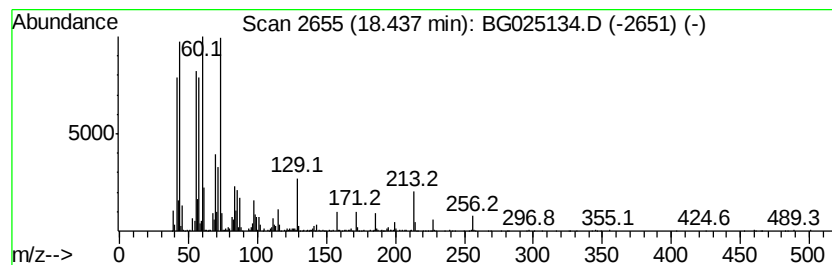
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	20.80 ng/ul	2196830	Phenanthrene-d10	17.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72	



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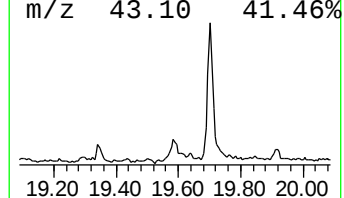
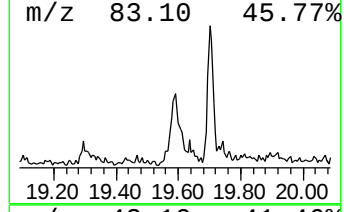
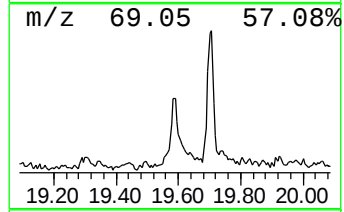
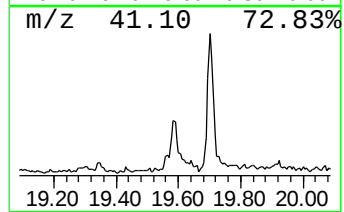
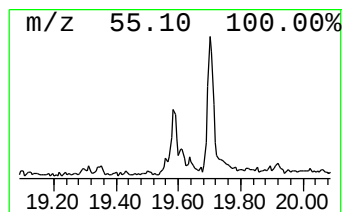
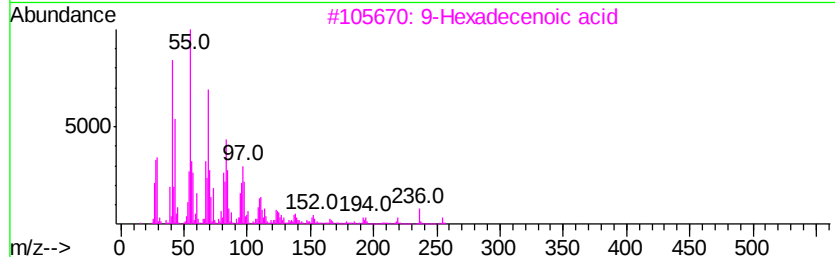
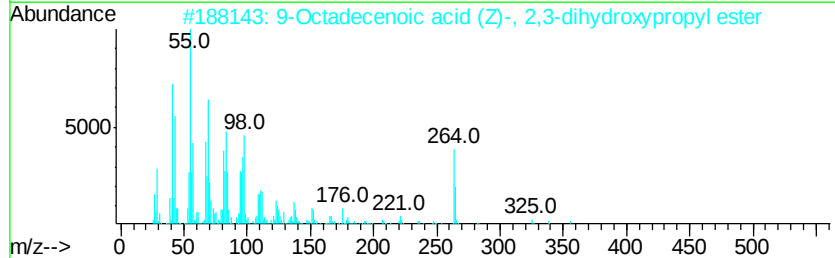
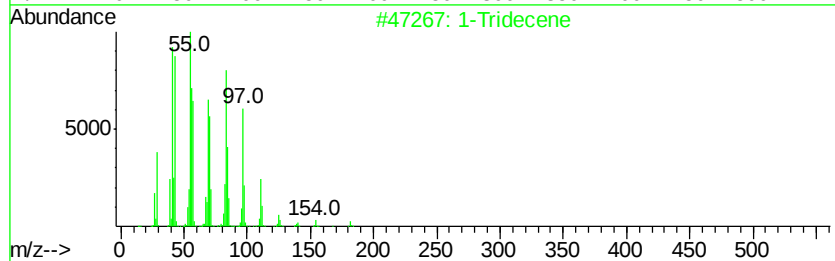
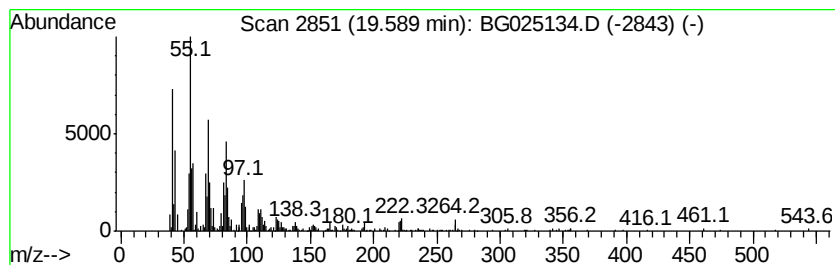
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic19.59 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	6.17 ng/ul	651587	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tridecene	182	C13H26	002437-56-1	95
2		9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	90
3		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	81
4		Erucic acid	338	C22H42O2	000112-86-7	81
5		9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	81



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Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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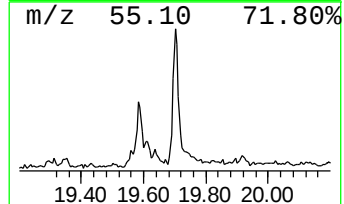
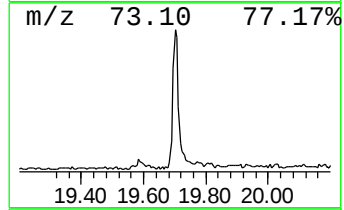
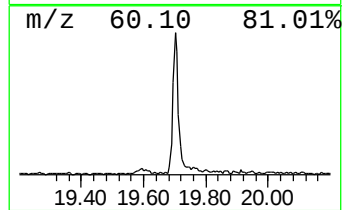
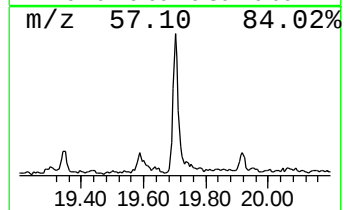
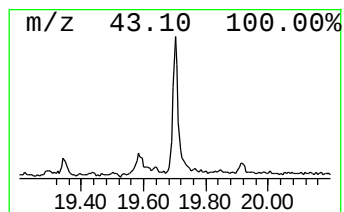
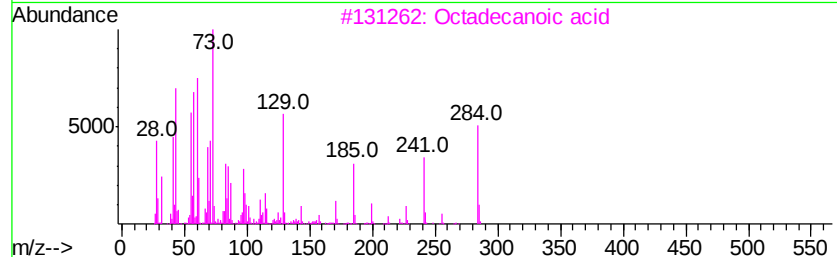
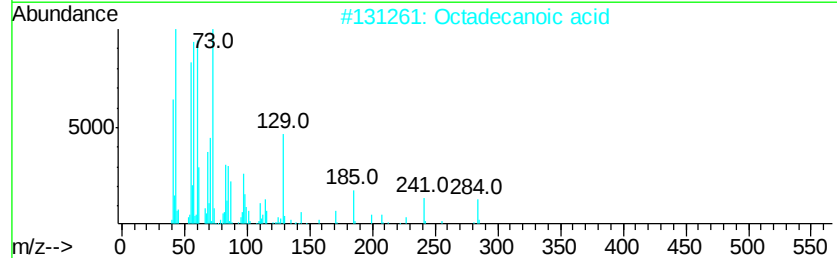
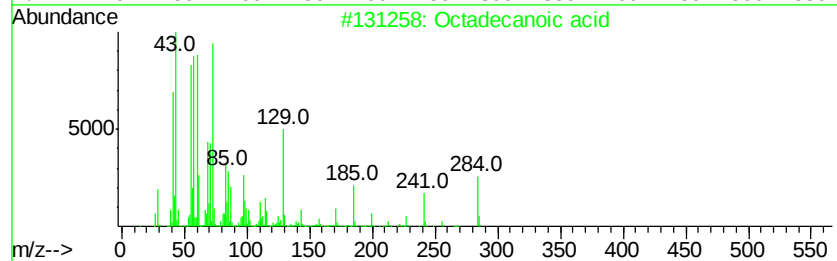
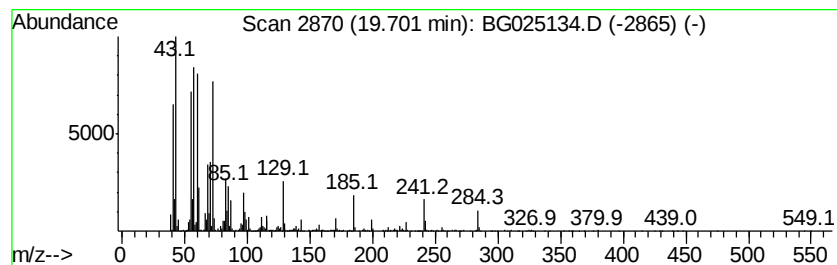
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	13.51 ng/ul	1426470	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	97
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	93



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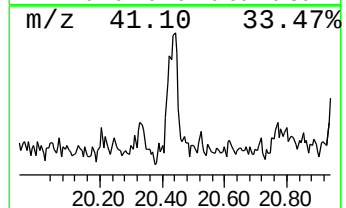
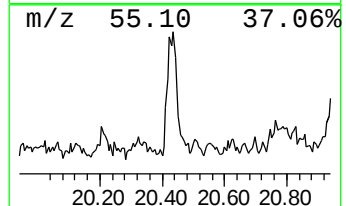
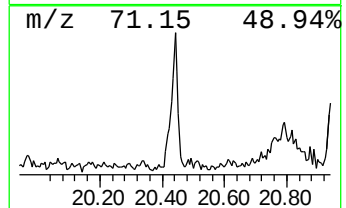
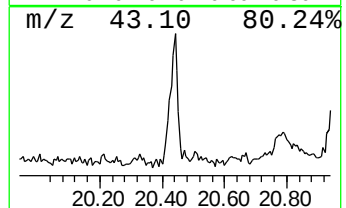
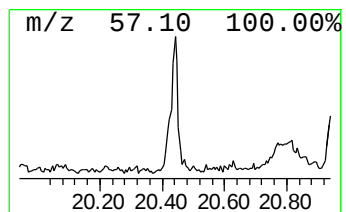
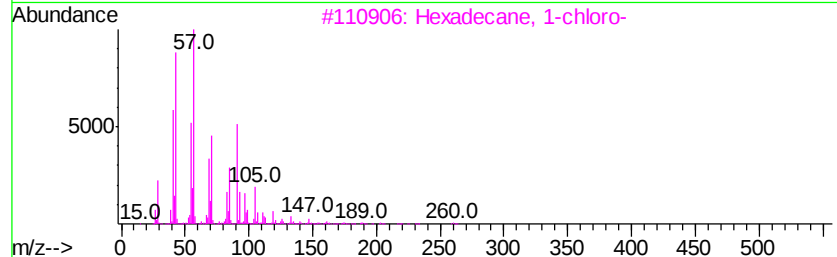
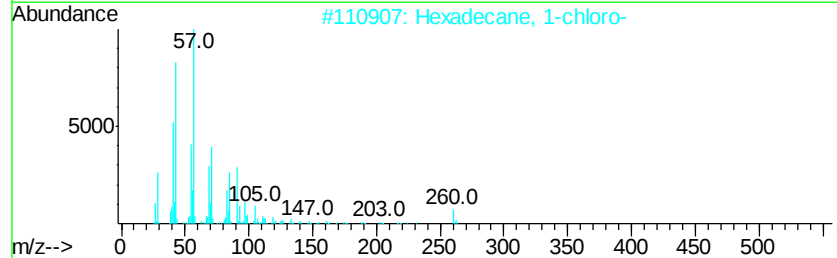
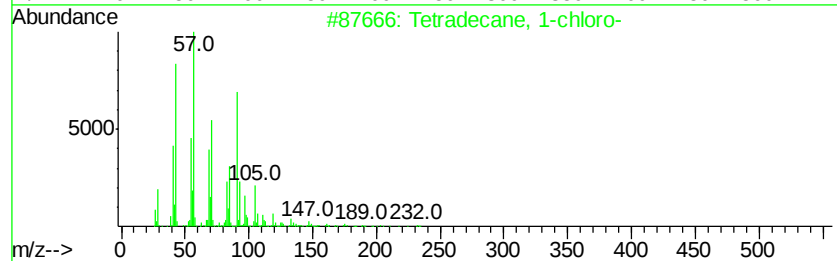
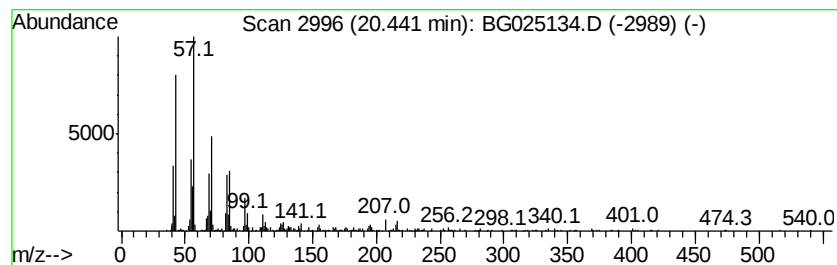
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Tetradecane, 1-chloro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.51 ng/ul	540011	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	87
2		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	81
3		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	81
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	74
5		Hexadecane	226	C16H34	000544-76-3	70



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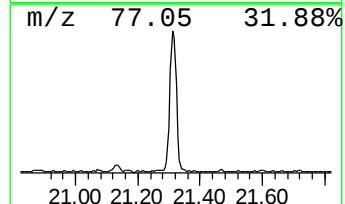
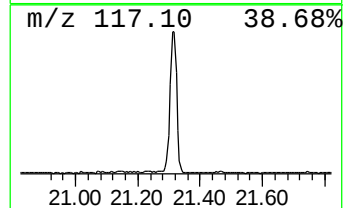
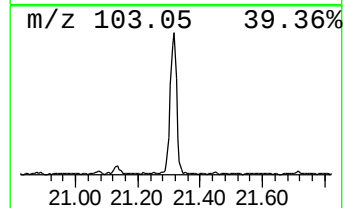
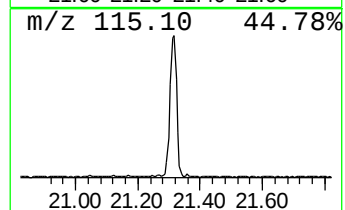
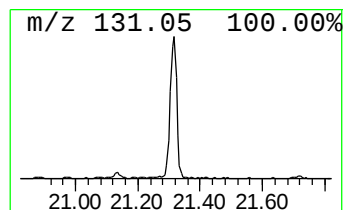
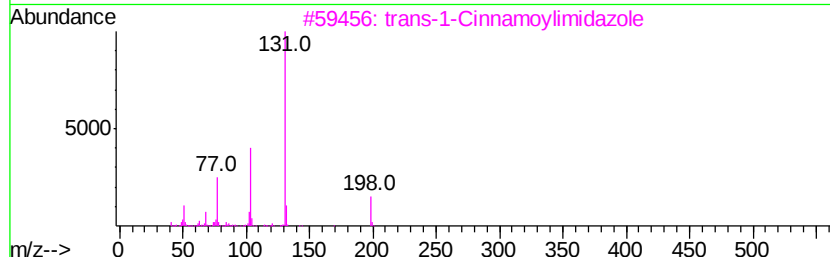
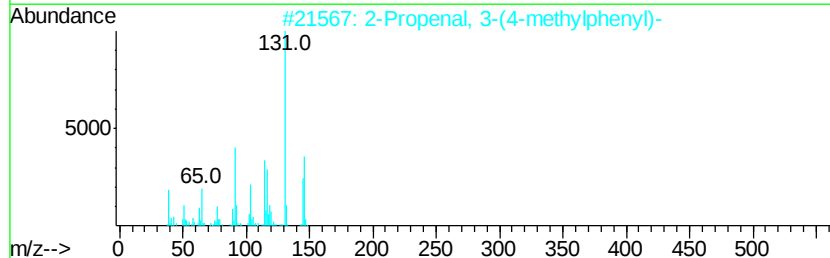
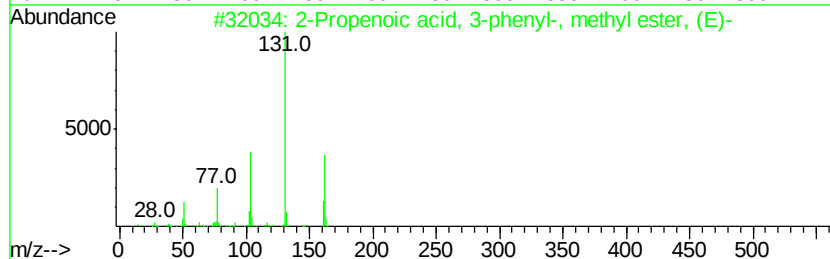
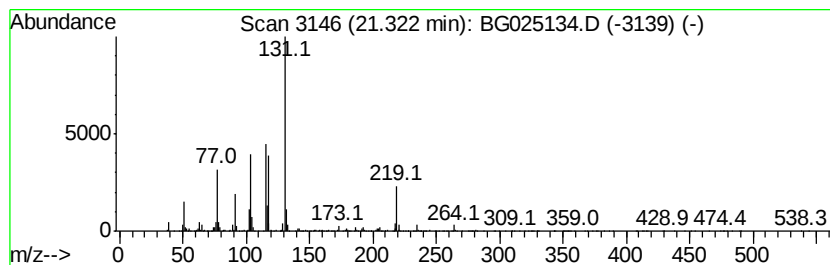
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	13.21 ng/ul	2029610	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenoic acid, 3-phenyl-, met...	162	C10H10O2	001754-62-7	47
2		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	45
3		trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	43
4		1-Penten-3-one, 1-phenyl-	160	C11H12O	003152-68-9	43
5		1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	43



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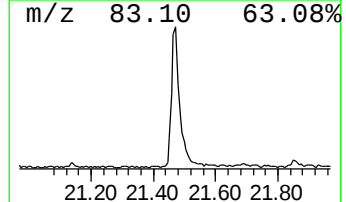
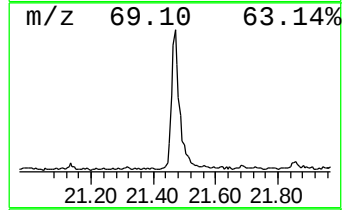
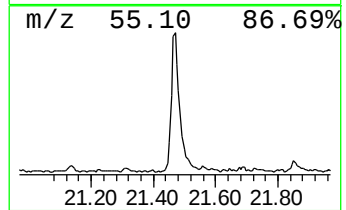
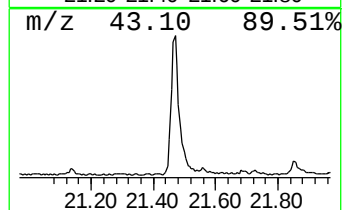
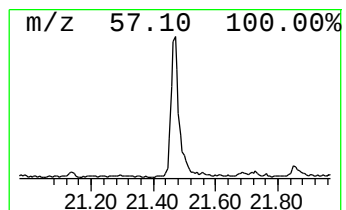
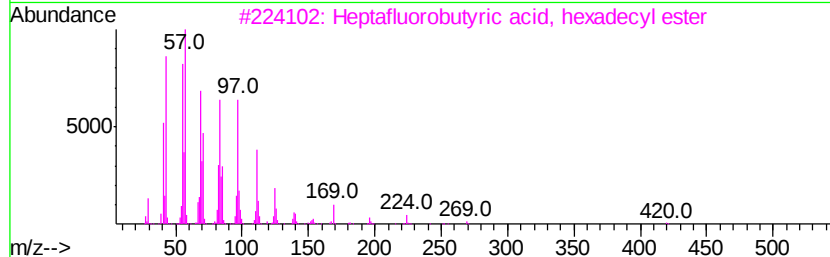
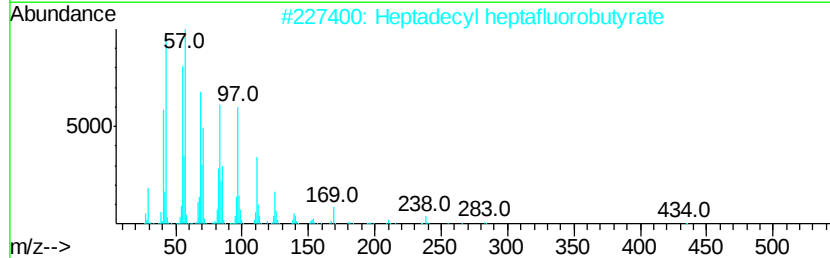
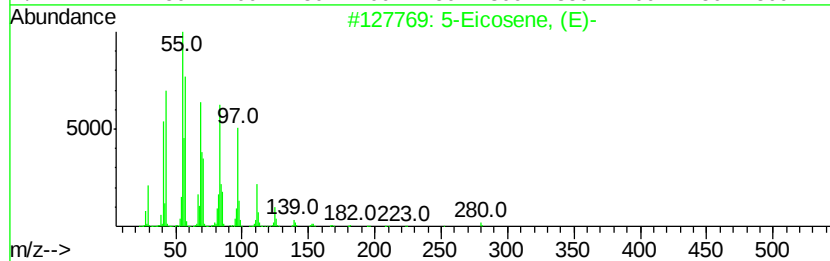
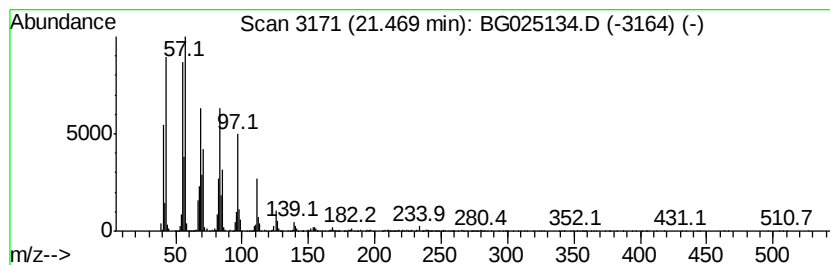
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic21.47 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	21.74 ng/ul	3340900	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4		Cyclotetracosane	336	C24H48	000297-03-0	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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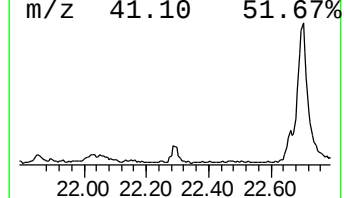
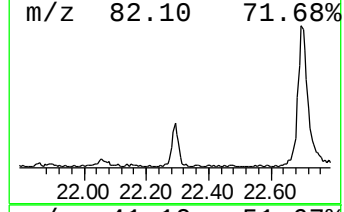
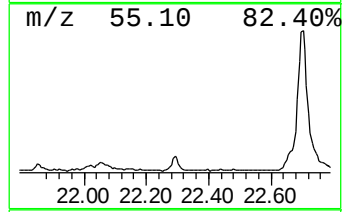
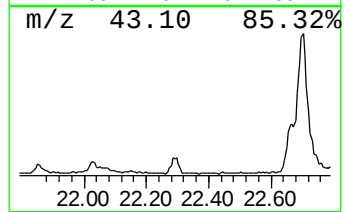
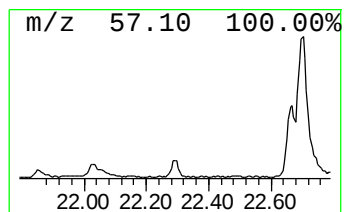
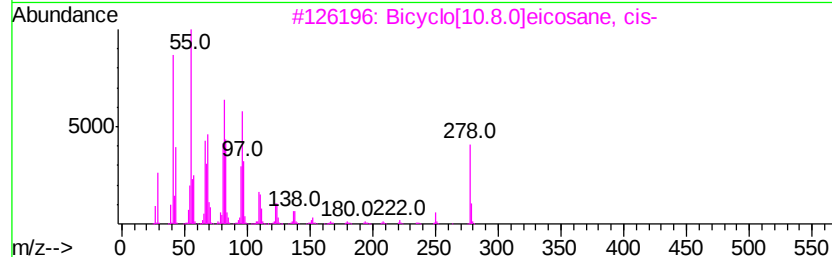
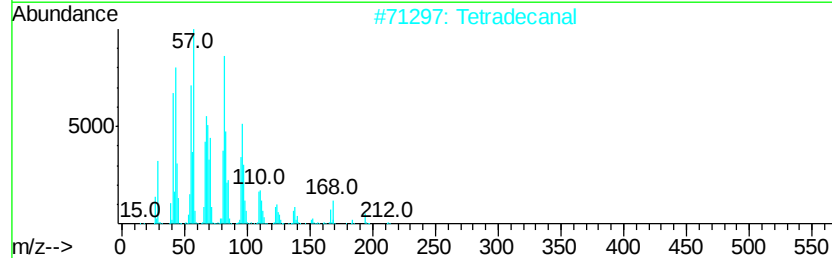
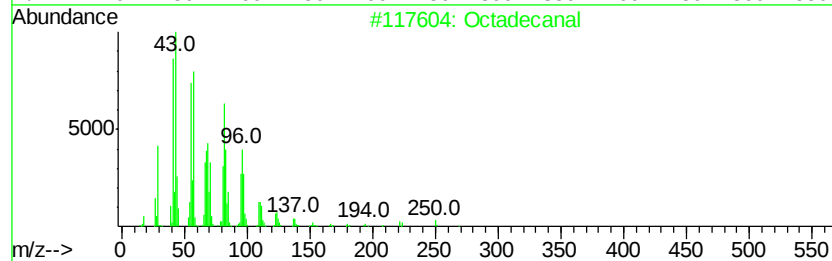
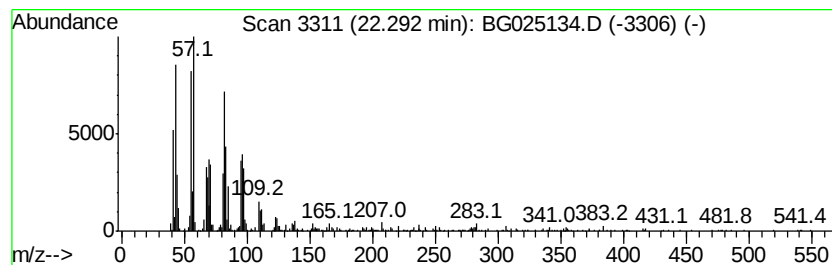
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Octadecanal Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	4.05 ng/ul	622343	Chrysene-d12	21.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	94
2			Tetradecanal	212	C14H28O	000124-25-4	94
3			Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	91
4			Octadecanal	268	C18H36O	000638-66-4	91
5			Tetradecanal	212	C14H28O	000124-25-4	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BACKGROUND03-0106-03

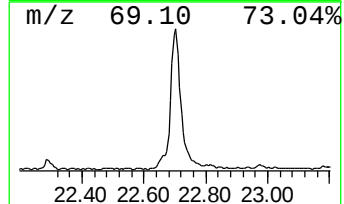
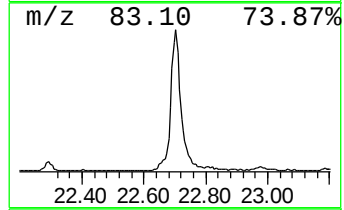
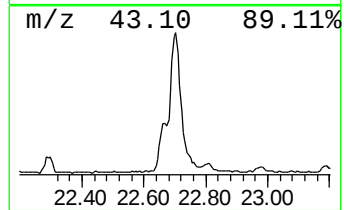
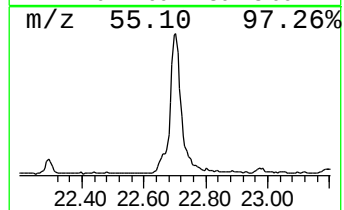
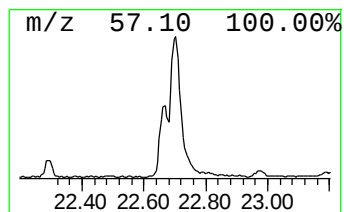
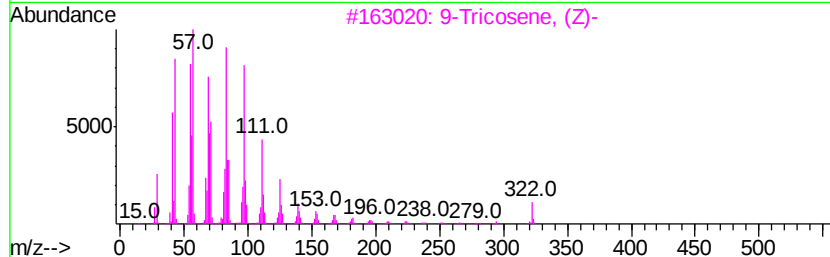
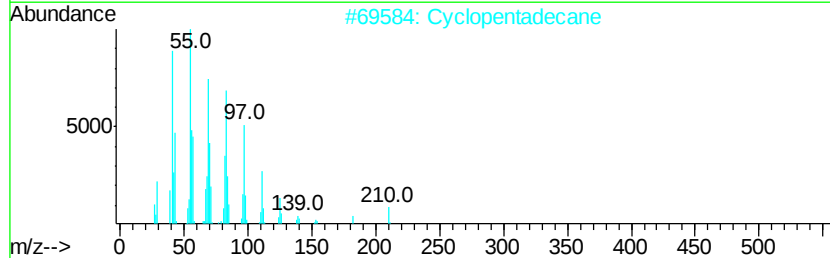
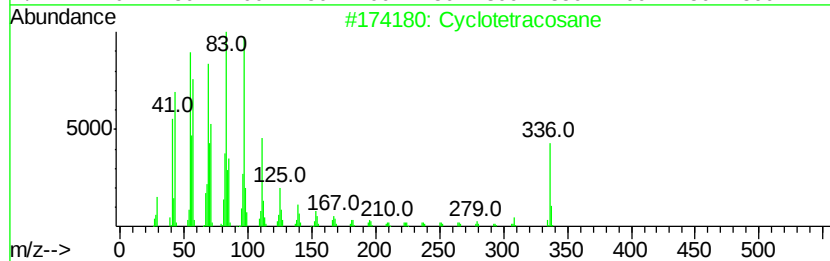
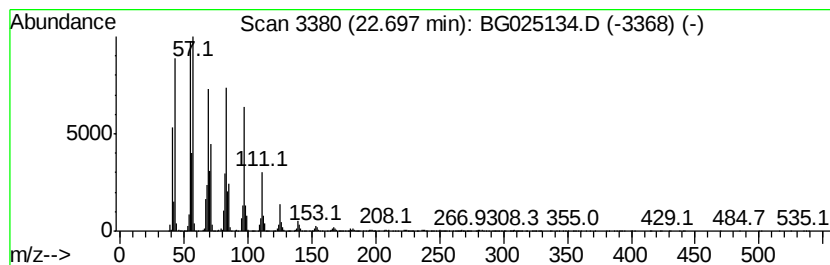
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic22.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	51.60 ng/ul	7929780	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	98
2		Cyclopentadecane	210	C15H30	000295-48-7	96
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025134.D
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ClientSampleId :
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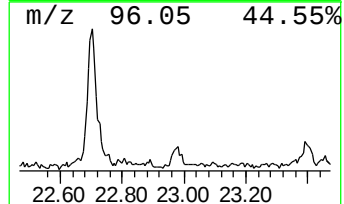
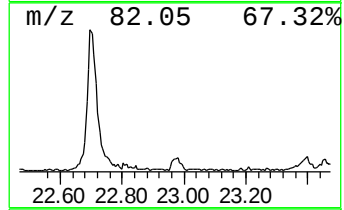
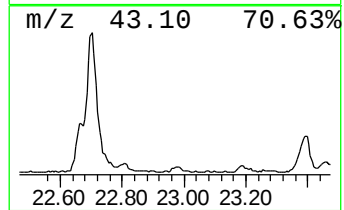
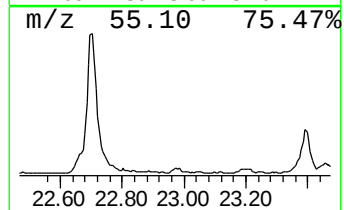
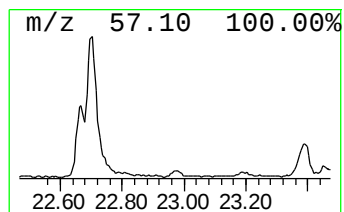
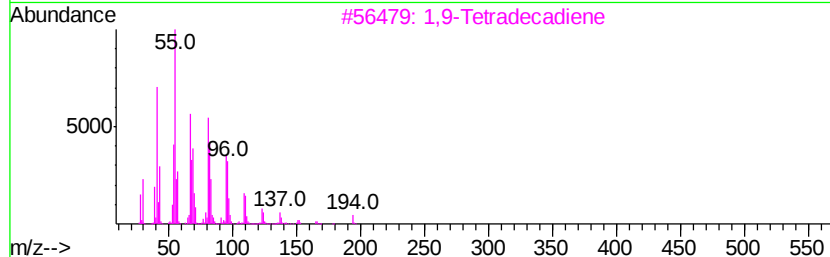
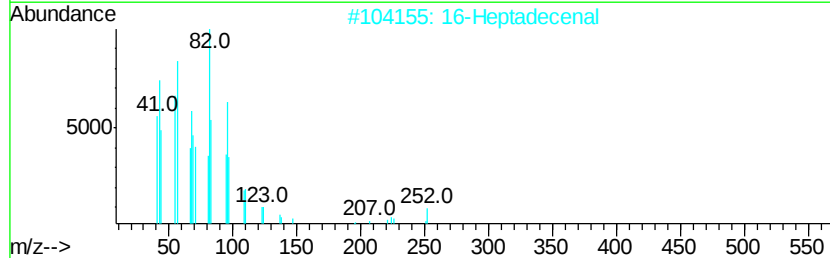
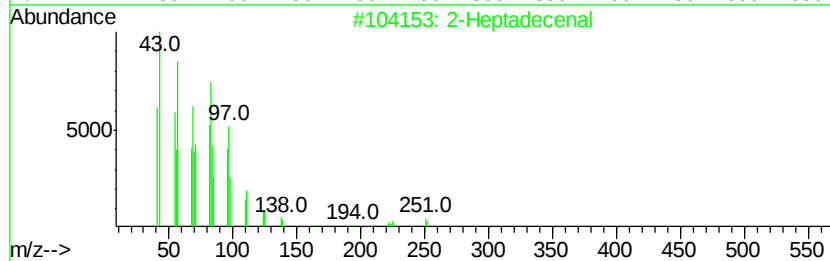
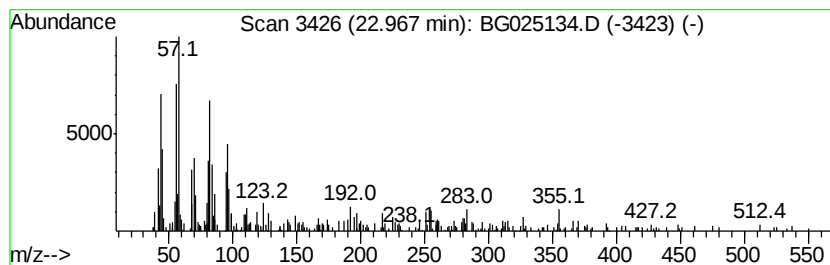
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 2-Heptadecenal Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	2.02 ng/ul	310153	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptadecenal	252	C17H32O	1000143-48-6	53
2		16-Heptadecenal	252	C17H32O	1000144-57-9	50
3		1,9-Tetradecadiene	194	C14H26	112929-06-3	46
4		4-Isopropenylcyclohexanone	138	C9H14O	022460-53-3	45
5		17-Octadecenal	266	C18H34O	056554-86-0	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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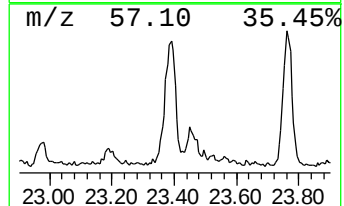
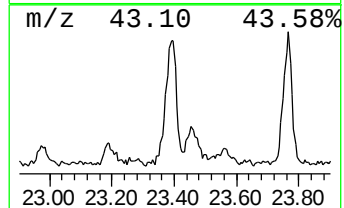
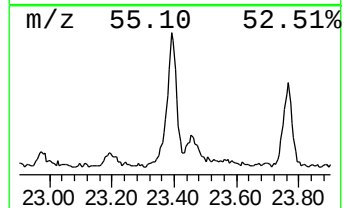
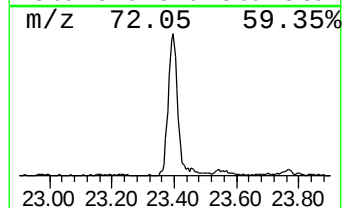
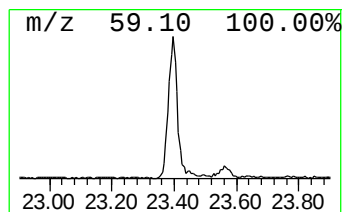
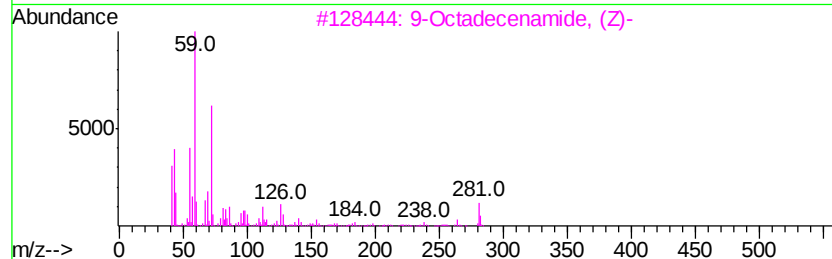
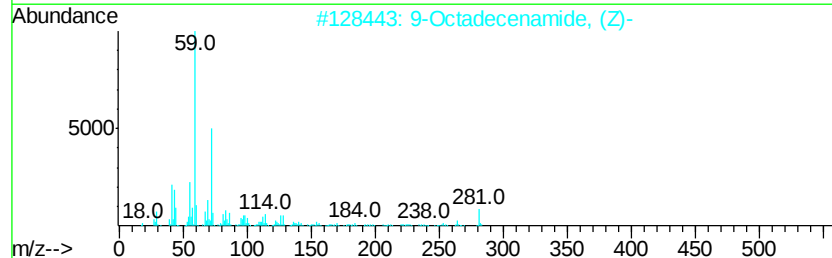
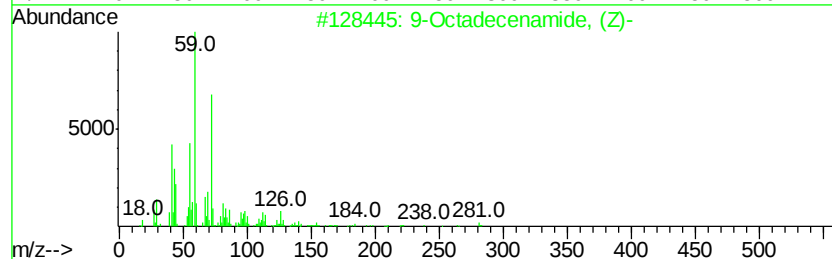
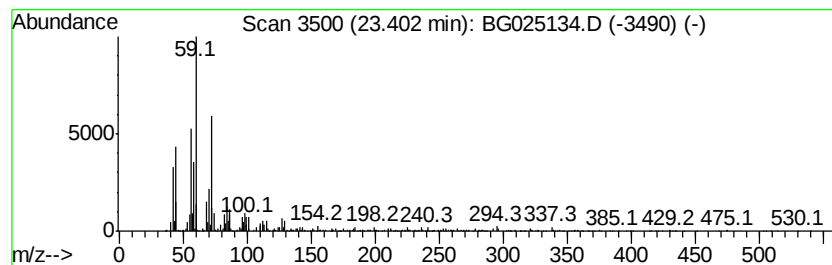
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	13.72 ng/ul	2108010	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
4		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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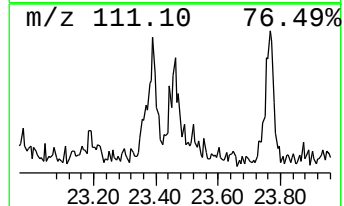
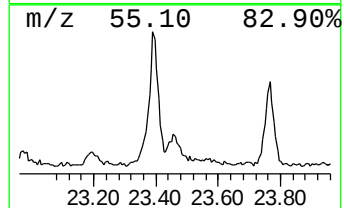
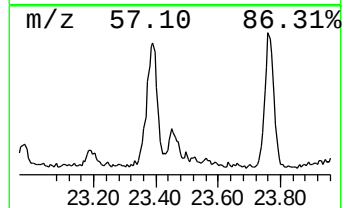
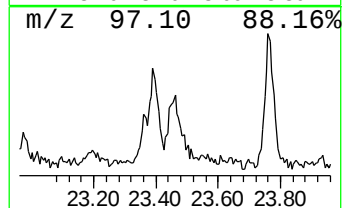
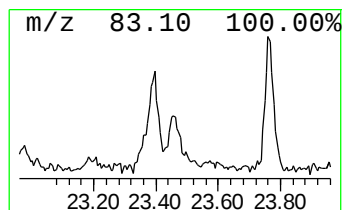
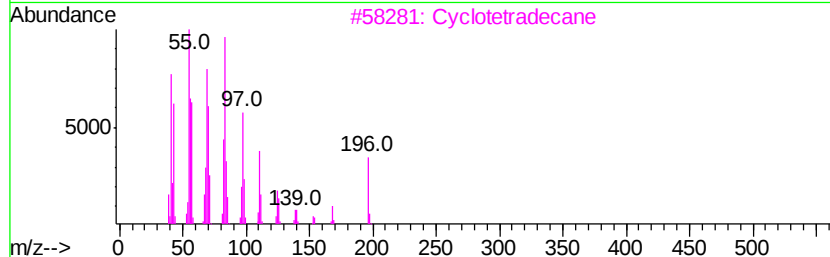
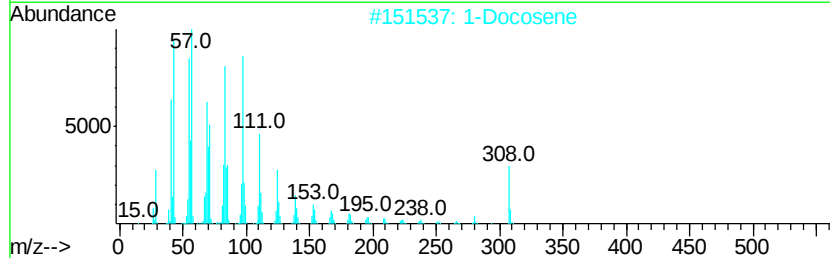
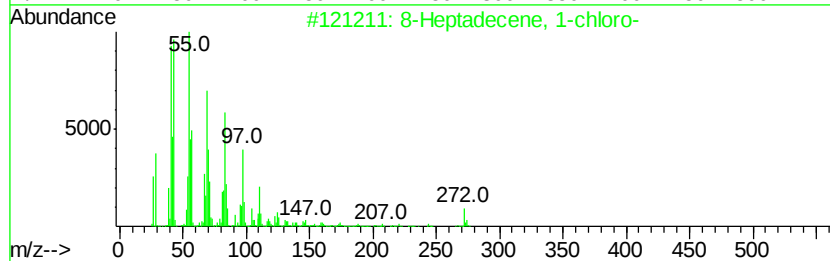
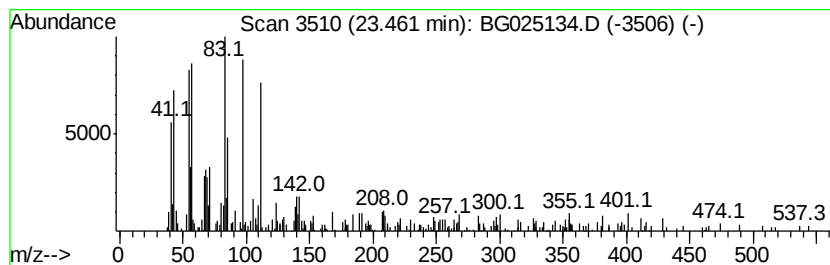
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 8-Heptadecene, 1-chloro- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	2.72 ng/ul	417275	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Heptadecene, 1-chloro-	272	C17H33Cl	056554-80-4	83
2		1-Docosene	308	C22H44	001599-67-3	76
3		Cyclotetradecane	196	C14H28	000295-17-0	74
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	68
5		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
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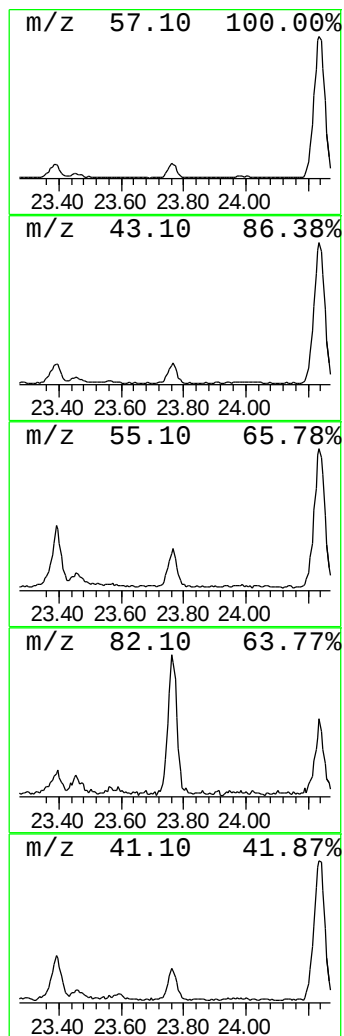
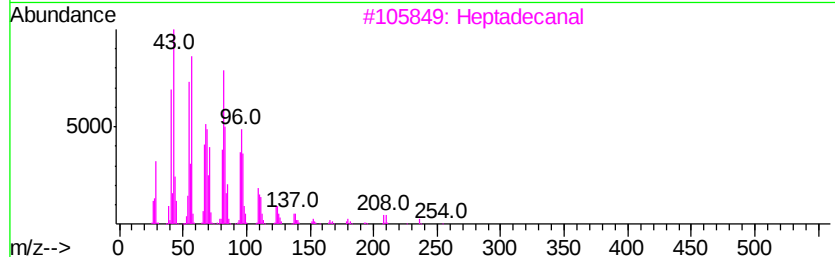
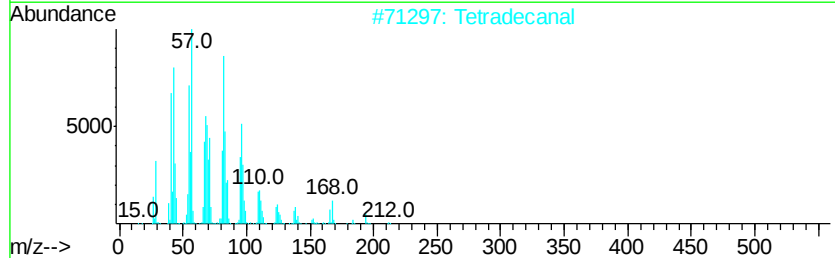
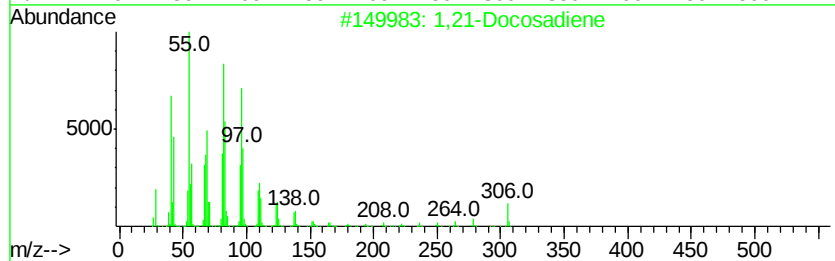
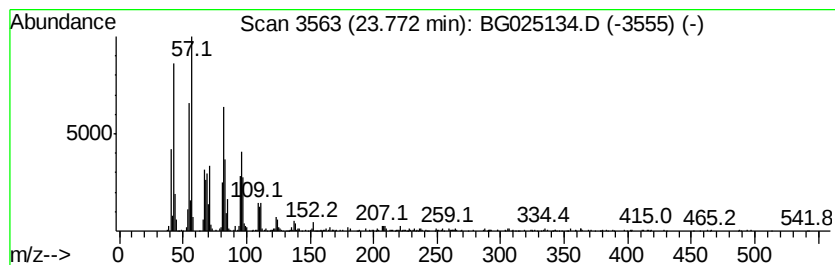
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,21-Docosadiene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	11.39 ng/ul	1440770	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,21-Docosadiene	306	C22H42	053057-53-7	97
2		Tetradecanal	212	C14H28O	000124-25-4	91
3		Heptadecanal	254	C17H34O	1000376-70-0	91
4		1,19-Eicosadiene	278	C20H38	014811-95-1	89
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
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ClientSampleId :
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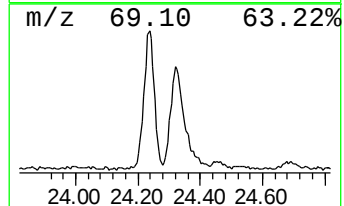
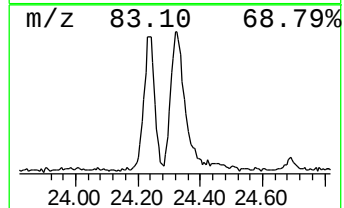
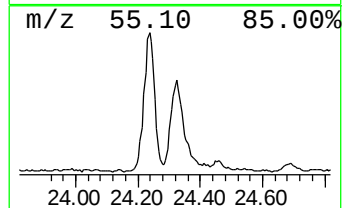
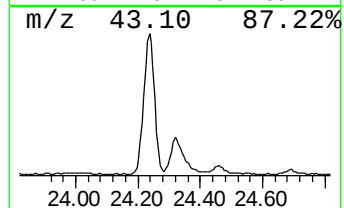
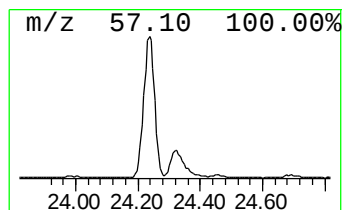
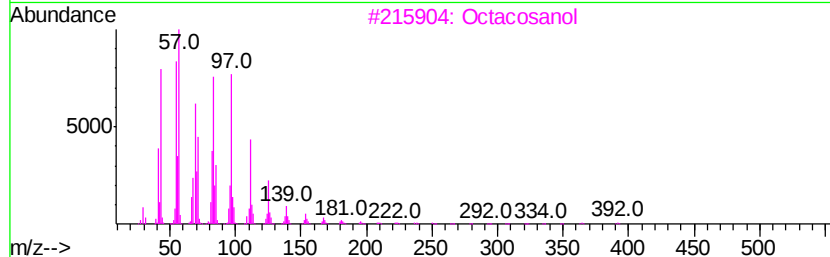
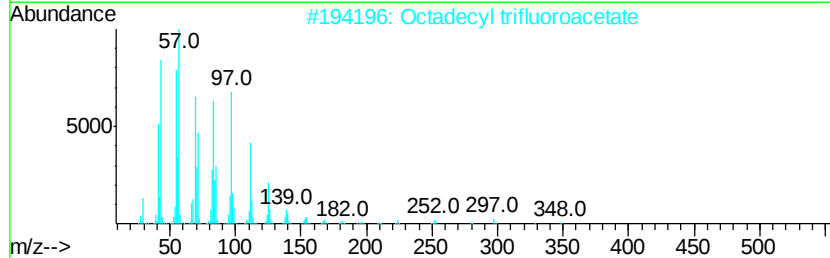
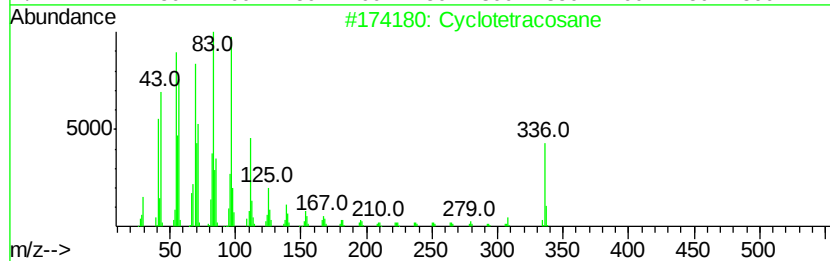
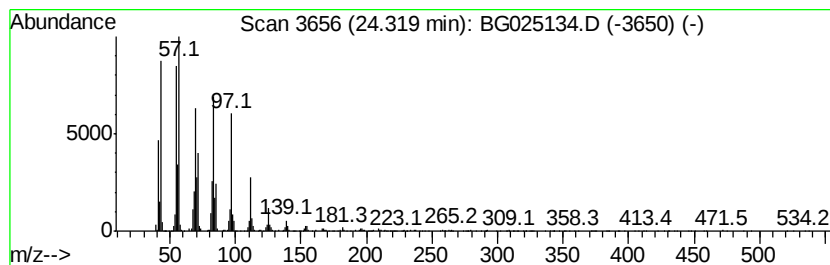
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic24.32 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	30.01 ng/ul	3796000	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	98
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3		Octacosanol	410	C28H58O	000557-61-9	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025134.D
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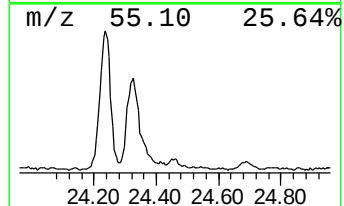
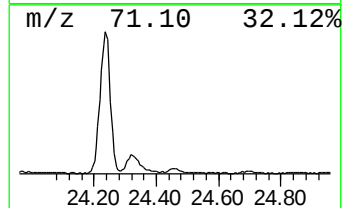
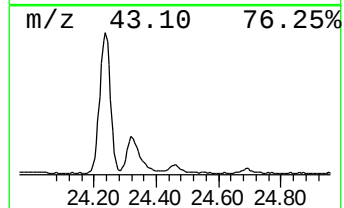
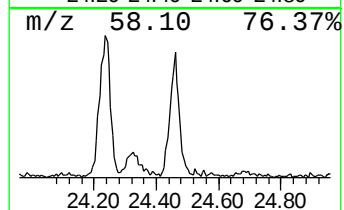
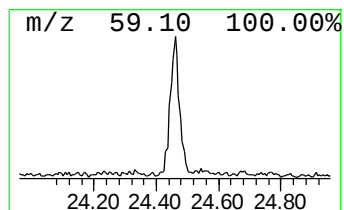
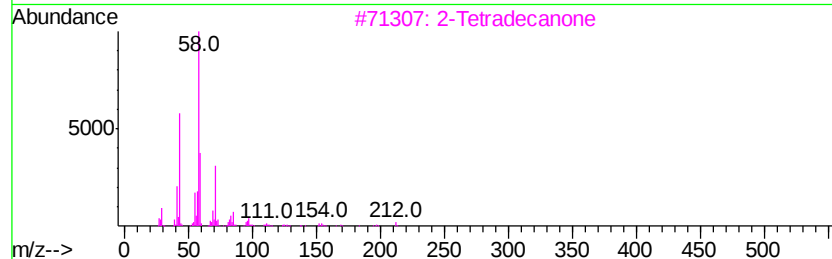
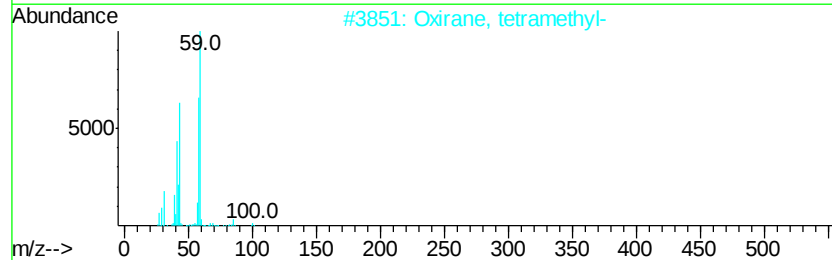
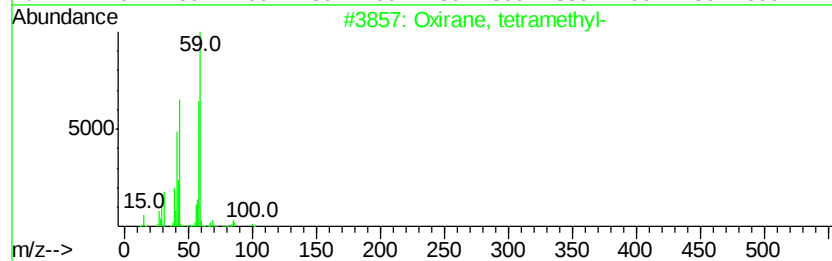
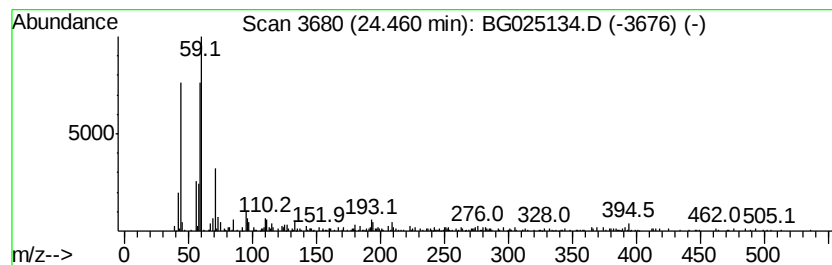
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Oxirane, tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	4.75 ng/ul	601489	Perylene-d12	25.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, tetramethyl-	100	C6H12O	005076-20-0	72
2			Oxirane, tetramethyl-	100	C6H12O	005076-20-0	72
3			2-Tetradecanone	212	C14H28O	002345-27-9	43
4			2-Nonadecanone	282	C19H38O	000629-66-3	40
5			Cyclohexane, 1,3-dimethoxy-, cis-	144	C8H16O2	030363-81-6	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BACKGROUND03-0106-03

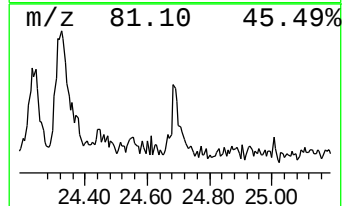
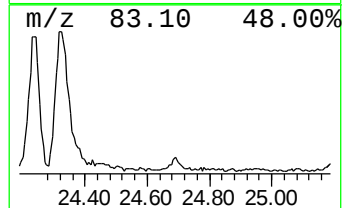
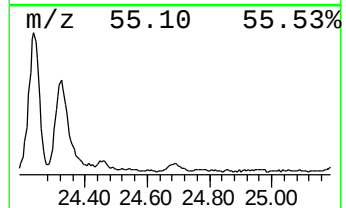
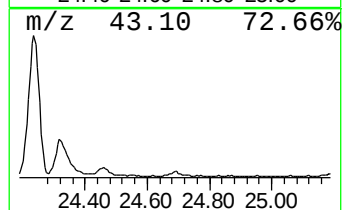
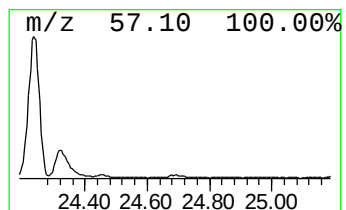
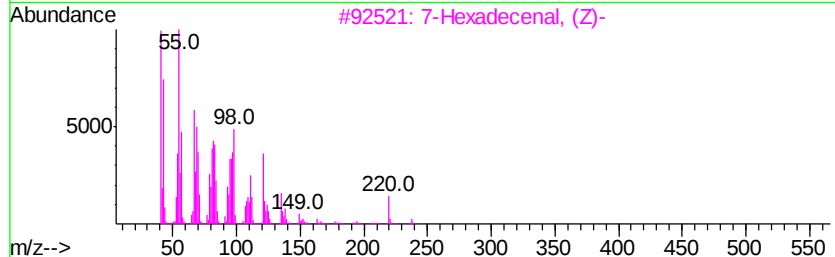
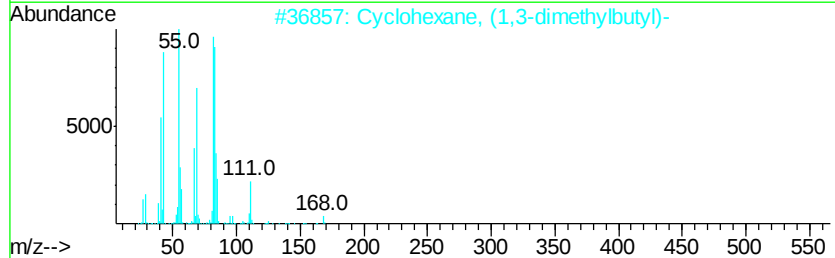
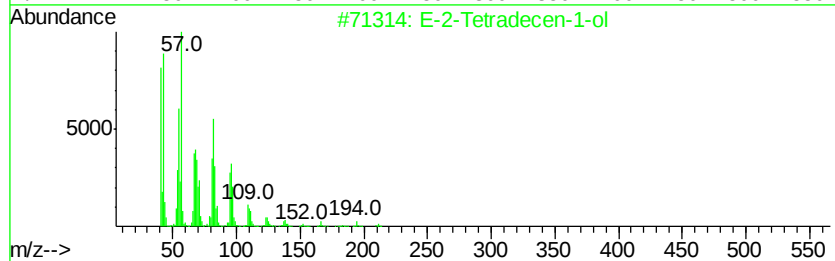
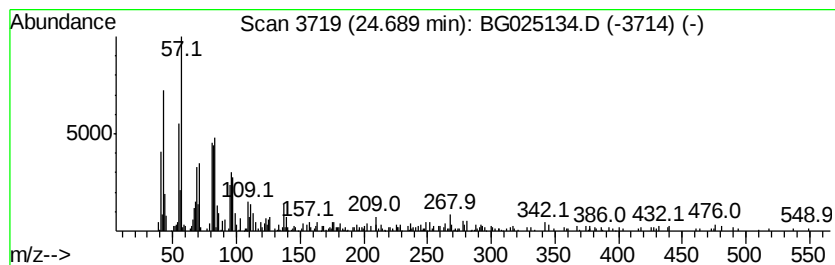
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 E-2-Tetradecen-1-ol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.62 ng/ul	331458	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	70
2		Cyclohexane, (1,3-dimethylbutyl)-	168	C12H24	061142-19-6	46
3		7-Hexadecenal, (Z)-	238	C16H30O	056797-40-1	46
4		E-15-Heptadecenoic acid	268	C17H32O2	1000130-98-1	46
5		E-11-Hexadecenal	238	C16H30O	1000130-86-1	43



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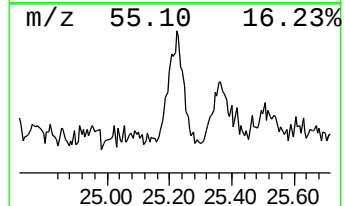
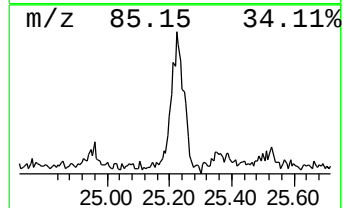
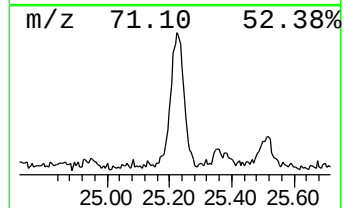
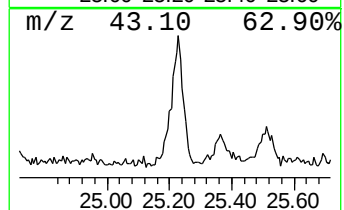
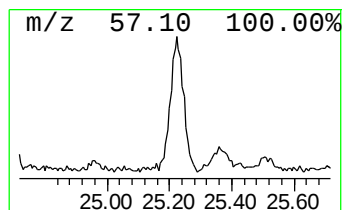
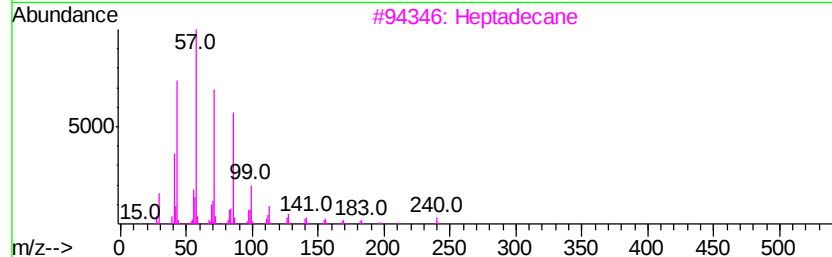
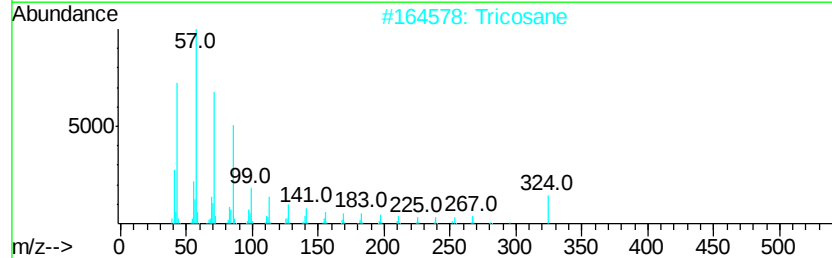
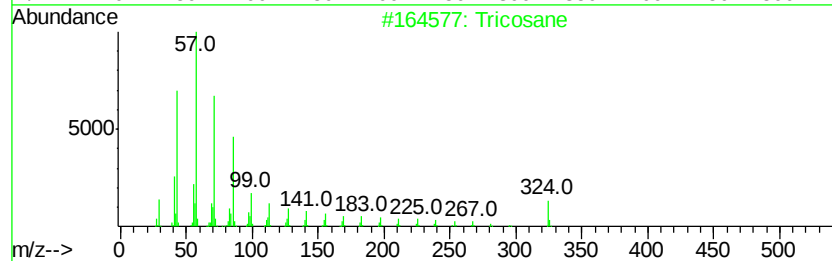
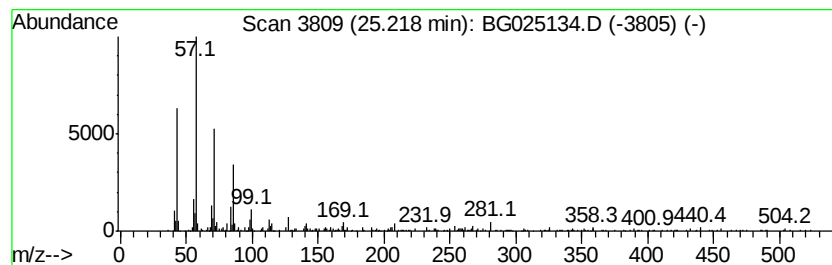
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.22	4.50 ng/ul	569692	Perylene-d12	25.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	76
2			Tricosane	324	C23H48	000638-67-5	68
3			Heptadecane	240	C17H36	000629-78-7	68
4			Heneicosane	296	C21H44	000629-94-7	64
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
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Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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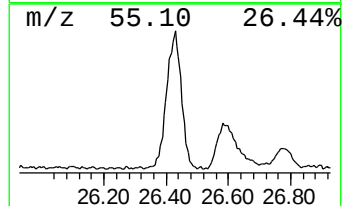
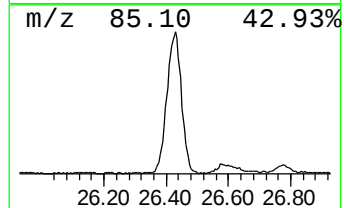
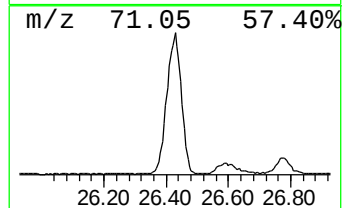
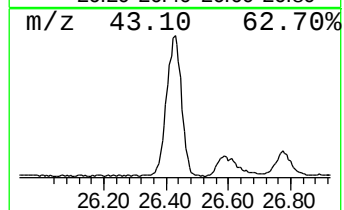
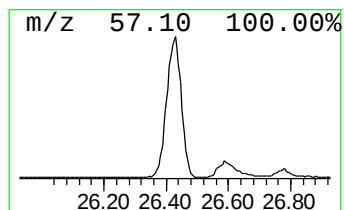
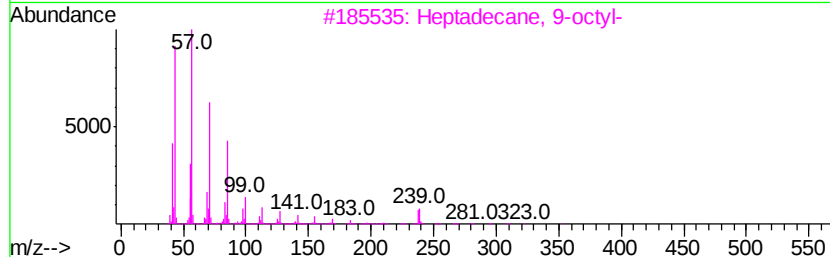
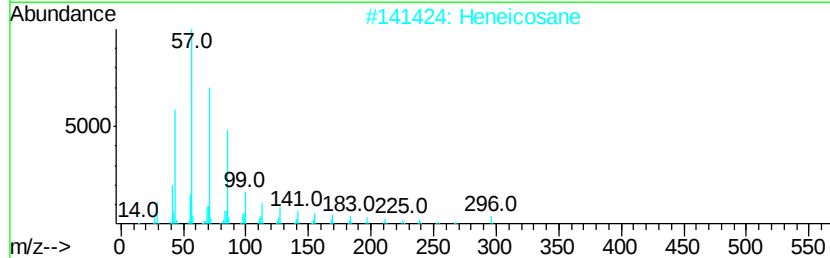
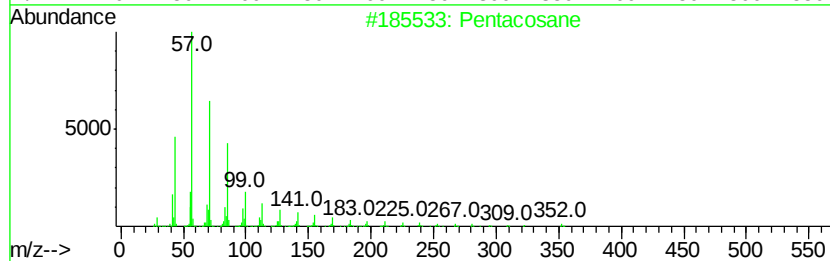
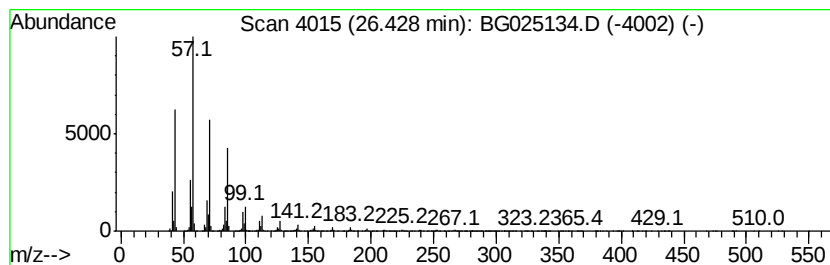
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.43	70.10 ng/ul	8868820	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	97
2		Heneicosane	296	C21H44	000629-94-7	96
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
4		Heneicosane	296	C21H44	000629-94-7	95
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94



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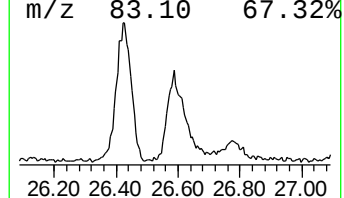
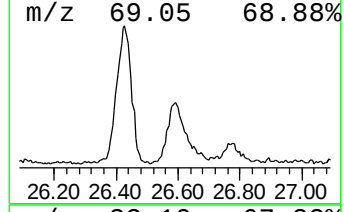
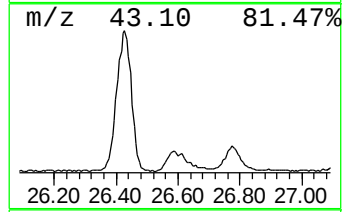
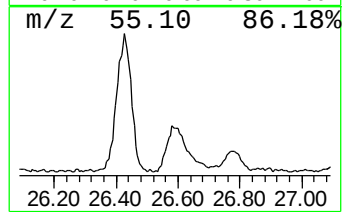
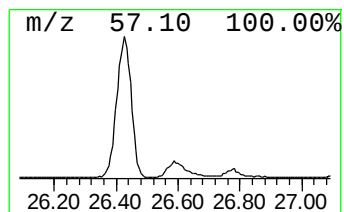
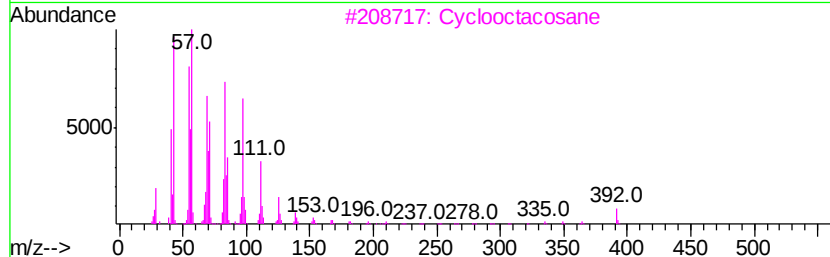
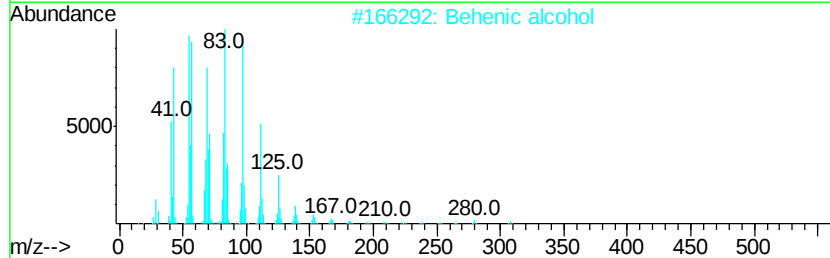
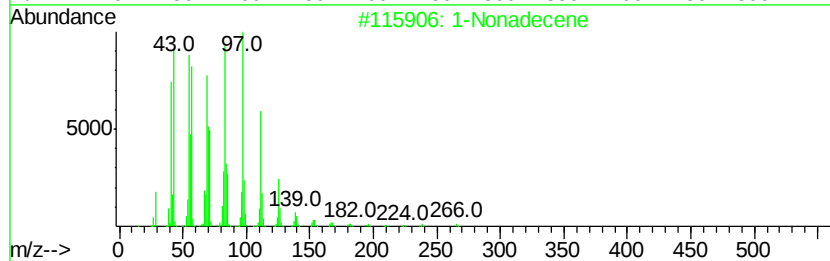
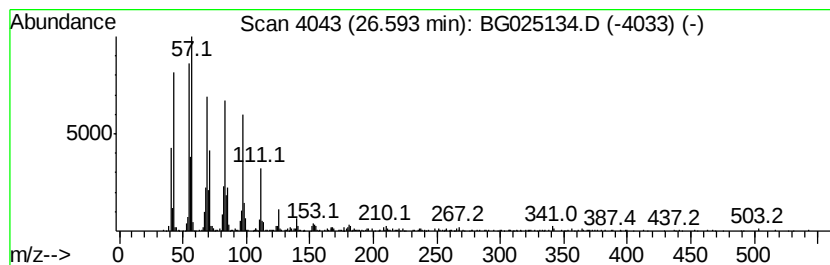
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Cyclic26.59 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.59	18.80 ng/ul	2378860	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	91
2		Behenic alcohol	326	C22H46O	000661-19-8	90
3		Cyclooctacosane	392	C28H56	000297-24-5	90
4		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	87
5		1-Docosene	308	C22H44	001599-67-3	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
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Acq On : 13 Dec 2016 3:59
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Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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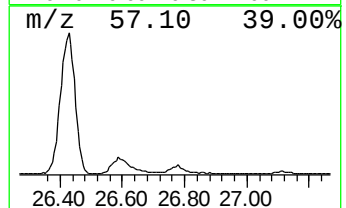
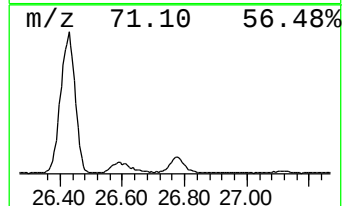
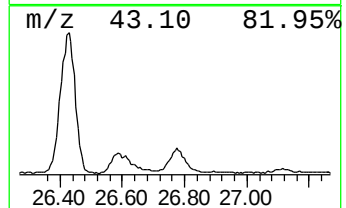
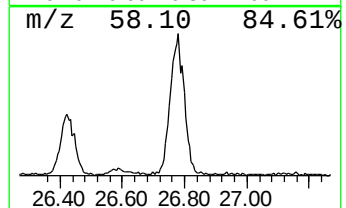
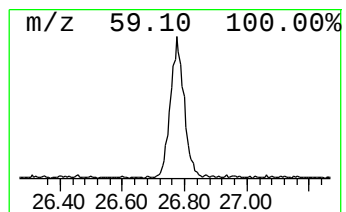
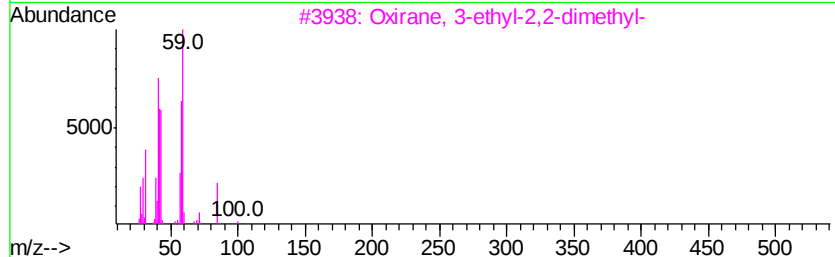
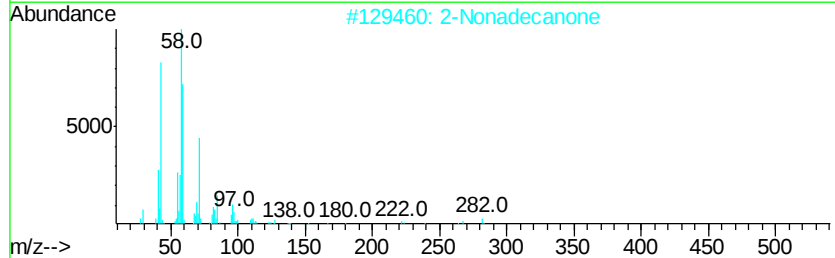
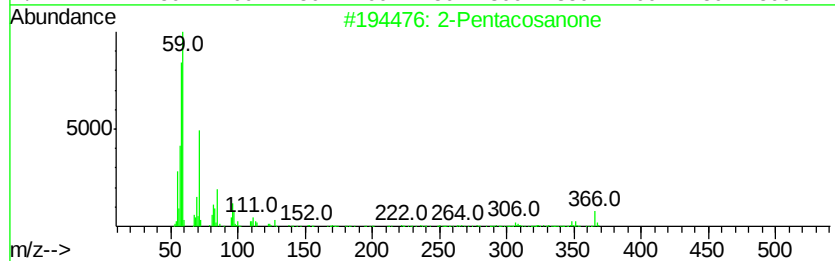
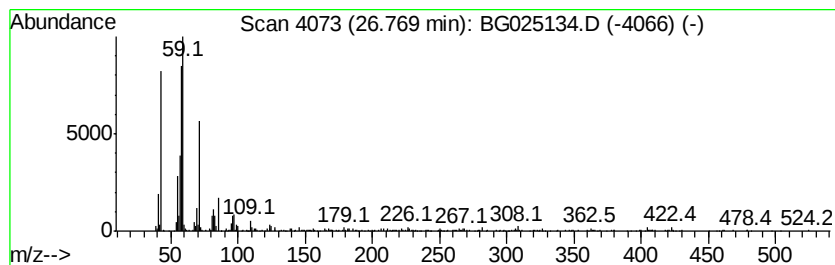
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 2-Pentacosanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	11.15 ng/ul	1410400	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentacosanone	366	C25H50O	075207-54-4	86
2		2-Nonadecanone	282	C19H38O	000629-66-3	58
3		Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	53
4		Oxirane, tetramethyl-	100	C6H12O	005076-20-0	50
5		Oxirane, tetramethyl-	100	C6H12O	005076-20-0	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
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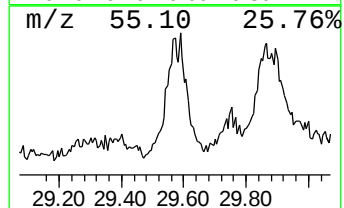
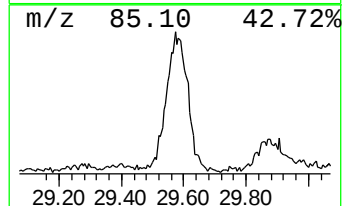
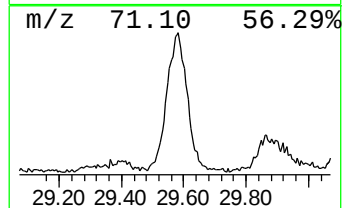
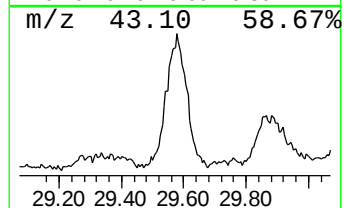
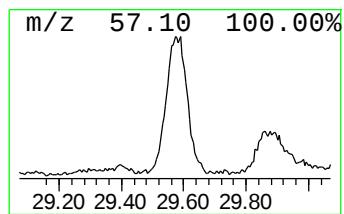
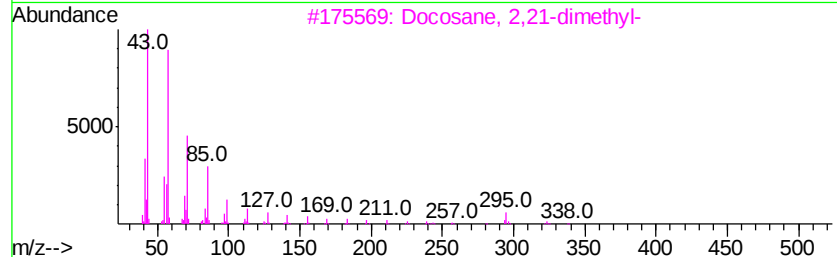
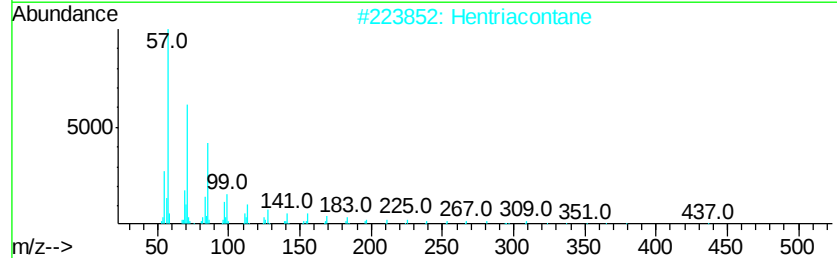
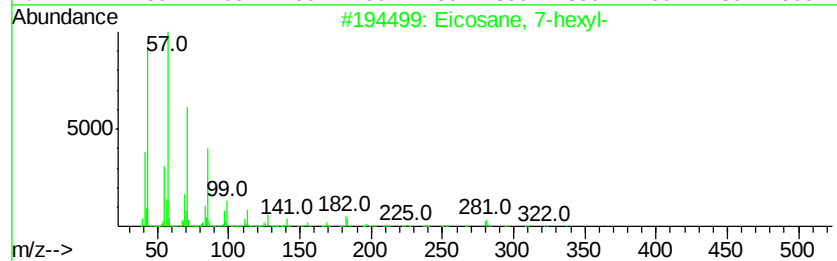
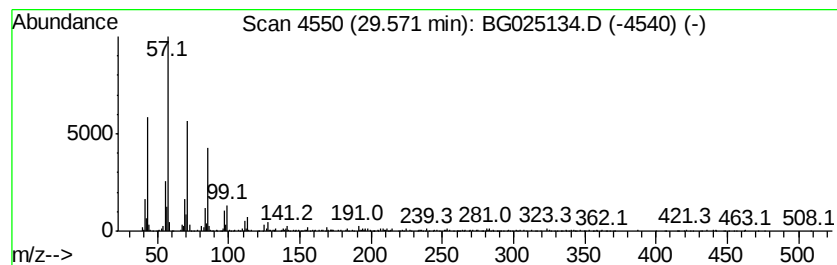
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.57	17.13 ng/ul	2167240	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
2		Hentriacontane	437	C31H64	000630-04-6	86
3		Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	83
4		Heptacosane	380	C27H56	000593-49-7	83
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
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ALS Vial : 17 Sample Multiplier: 1

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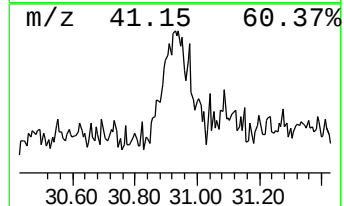
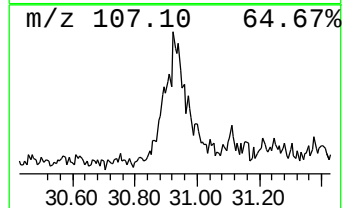
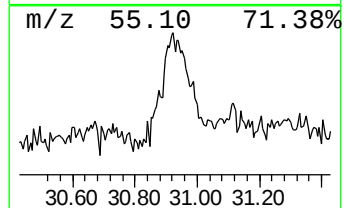
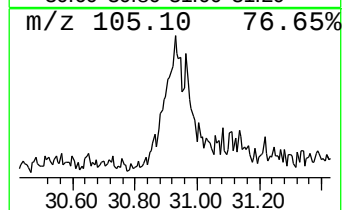
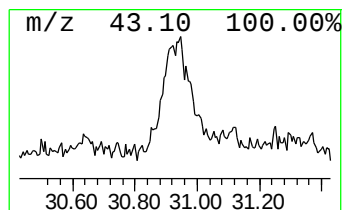
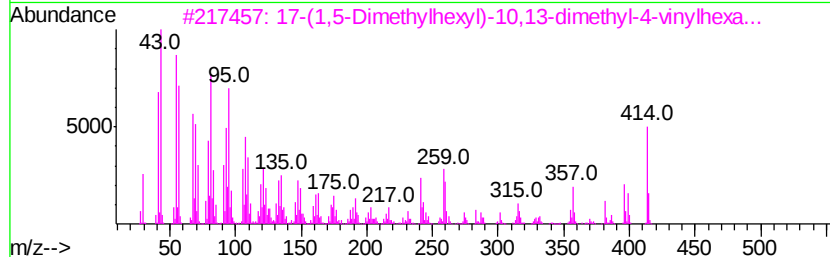
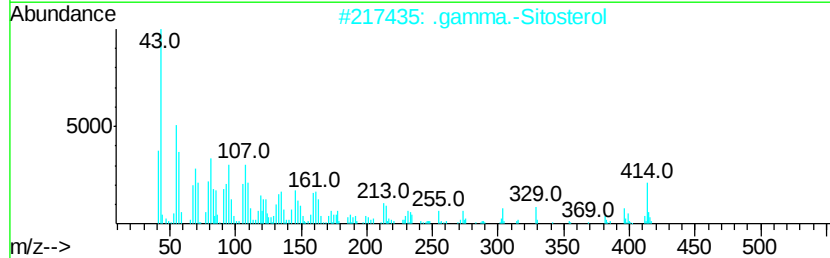
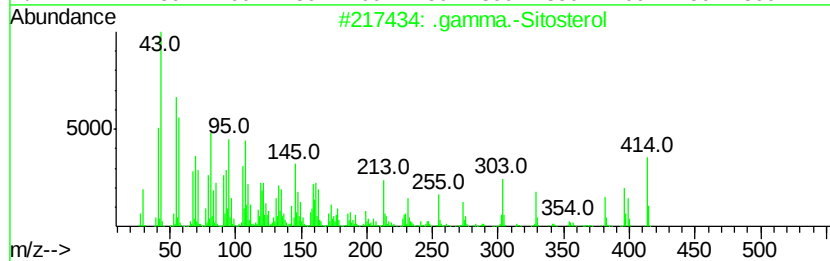
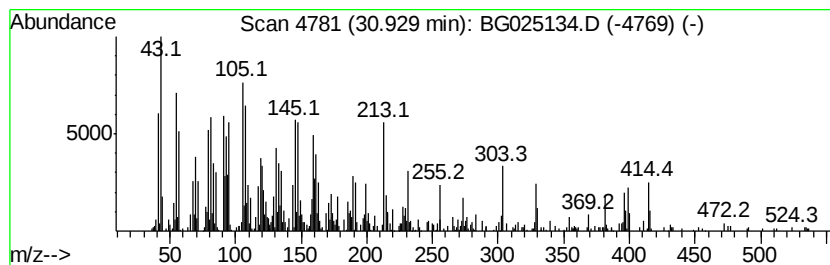
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.93	14.57 ng/ul	1843040	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	90
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	35
3		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	30
4		.beta.-Sitosterol	414	C29H50O	000083-46-5	30
5		Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

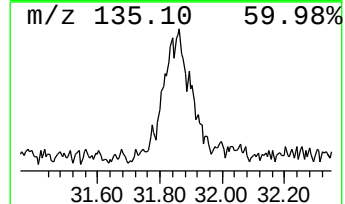
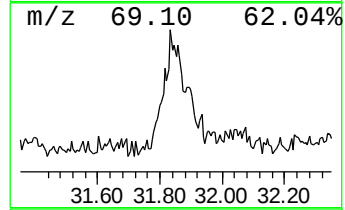
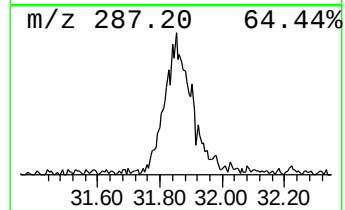
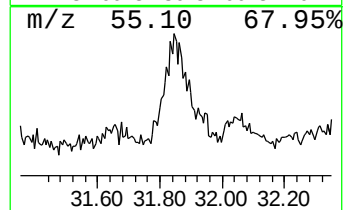
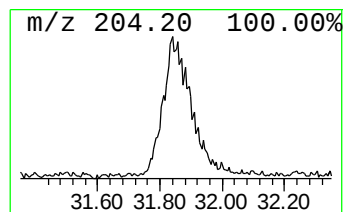
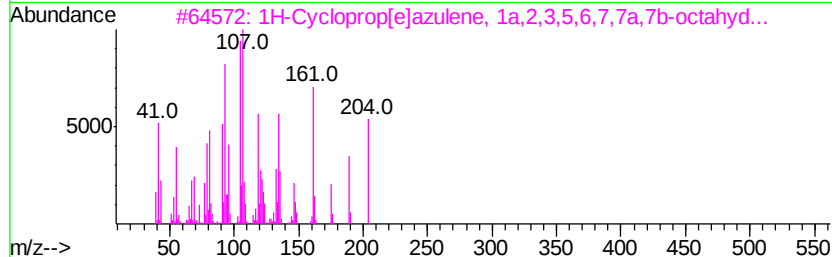
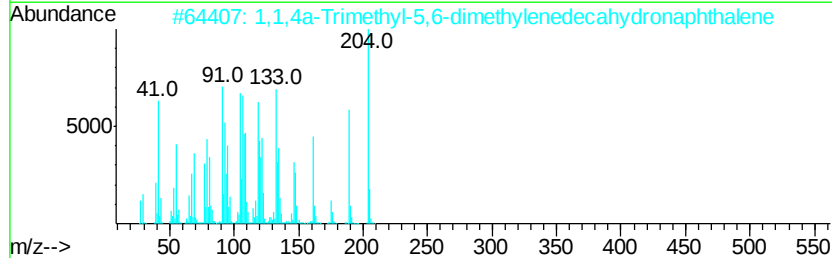
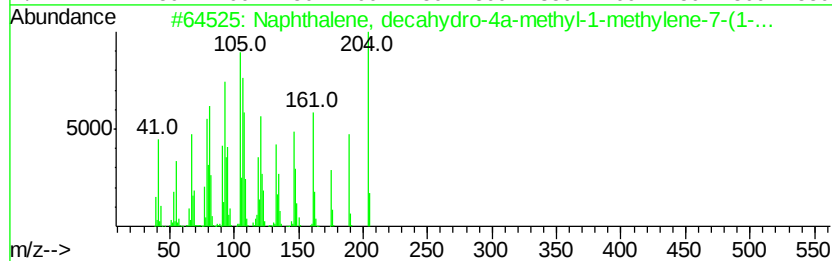
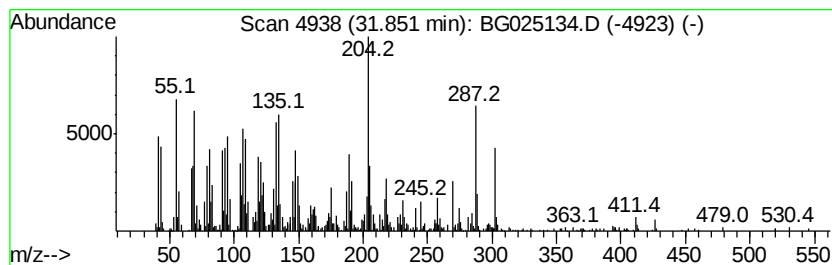
Instrument :
BNA_G
ClientSampleId :
BACKGROUND03-0106-03

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

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

Peak Number 28 Naphthalene, decahydro-4a-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.85	24.02 ng/ul	3038410	Perylene-d12	25.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-4a-methyl...	204 C15H24	017066-67-0 53
2		1,1,4a-Trimethyl-5,6-dimethylene...	204 C15H24	1000193-60-8 49
3		1H-Cycloprop[elazulene, 1a,2,3,5...	204 C15H24	021747-46-6 49
4		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204 C15H24	004630-07-3 49
5		Guaia-3,9-diene	204 C15H24	000489-83-8 46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
 Data File : BG025134.D
 Acq On : 13 Dec 2016 3:59
 Operator : UM/SJ
 Sample : H5990-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKGROUND03-0106-03

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	6.89	2.5	ng/ul	92707	1	8.24	727510	20.0
.beta.-copaene	14.79	5.6	ng/ul	513702	3	14.86	1831800	20.0
Naphthalene, 1,2,...	16.30	2.4	ng/ul	251082	4	17.60	2111950	20.0
n-Hexadecanoic acid	18.44	20.8	ng/ul	2196830	4	17.60	2111950	20.0
(DEL) Alkane: Cyc...	19.59	6.2	ng/ul	651587	4	17.60	2111950	20.0
Octadecanoic acid	19.70	13.5	ng/ul	1426470	4	17.60	2111950	20.0
Tetradecane, 1-ch...	20.44	3.5	ng/ul	540011	5	21.90	3073780	20.0
unknown-01	21.32	13.2	ng/ul	2029610	5	21.90	3073780	20.0
(DEL) Alkane: Cyc...	21.47	21.7	ng/ul	3340900	5	21.90	3073780	20.0
Octadecanal	22.29	4.0	ng/ul	622343	5	21.90	3073780	20.0
(DEL) Alkane: Cyc...	22.70	51.6	ng/ul	7929780	5	21.90	3073780	20.0
2-Heptadecenal	22.97	2.0	ng/ul	310153	5	21.90	3073780	20.0
9-Octadecenamamide,...	23.40	13.7	ng/ul	2108010	5	21.90	3073780	20.0
8-Heptadecene, 1-...	23.46	2.7	ng/ul	417275	5	21.90	3073780	20.0
1,21-Docosadiene	23.77	11.4	ng/ul	1440770	6	25.32	2530160	20.0
(DEL) Alkane: Cyc...	24.32	30.0	ng/ul	3796000	6	25.32	2530160	20.0
Oxirane, tetramet...	24.46	4.8	ng/ul	601489	6	25.32	2530160	20.0
E-2-Tetradecen-1-ol	24.69	2.6	ng/ul	331458	6	25.32	2530160	20.0
(DEL) Alkane: Str...	25.22	4.5	ng/ul	569692	6	25.32	2530160	20.0
(DEL) Alkane: Str...	26.43	70.1	ng/ul	8868820	6	25.32	2530160	20.0
(DEL) Alkane: Cyc...	26.59	18.8	ng/ul	2378860	6	25.32	2530160	20.0
2-Pentacosanone	26.77	11.2	ng/ul	1410400	6	25.32	2530160	20.0
(DEL) Alkane: Str...	29.57	17.1	ng/ul	2167240	6	25.32	2530160	20.0
.gamma.-Sitosterol	30.93	14.6	ng/ul	1843040	6	25.32	2530160	20.0
Naphthalene, deca...	31.85	24.0	ng/ul	3038410	6	25.32	2530160	20.0