

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023806.D
 Acq On : 20 Aug 2016 7:47
 Operator : UM/SJ
 Sample : H4496-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHPW8

Integration Parameters: LSCINT.P

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

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.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	3.375	89	91	94	rBV3	5020	5456	0.16%	0.013%
2	3.463	102	106	113	rVB2	27451	43111	1.29%	0.100%
3	4.221	232	235	237	rBV4	9611	8562	0.26%	0.020%
4	4.444	270	273	279	rVB4	14659	21637	0.65%	0.050%
5	4.597	292	299	304	rBV6	11501	19661	0.59%	0.046%
6	4.855	341	343	348	rVB5	6990	10861	0.32%	0.025%
7	5.278	411	415	416	rBV3	3270	4818	0.14%	0.011%
8	6.142	560	562	565	rBV2	6510	5813	0.17%	0.013%
9	6.518	624	626	629	rVB	4662	4624	0.14%	0.011%
10	6.706	654	658	659	rBV2	6020	7559	0.23%	0.018%
11	6.853	681	683	686	rVB3	3667	4595	0.14%	0.011%
12	7.252	743	751	763	rBV	616963	1198406	35.74%	2.781%
13	7.411	771	778	786	rBV	474246	802389	23.93%	1.862%
14	7.622	807	814	824	rBV	614763	1066563	31.80%	2.475%
15	8.092	888	894	902	rBV	456884	784359	23.39%	1.820%
16	8.368	935	941	949	rVB8	5874	18622	0.56%	0.043%
17	8.809	1007	1016	1029	rBV	743895	1329198	39.64%	3.085%
18	9.062	1056	1059	1061	rVB3	7424	6837	0.20%	0.016%
19	9.091	1061	1064	1067	rBV3	4212	6133	0.18%	0.014%
20	9.273	1087	1095	1105	rBV	572856	1069297	31.89%	2.482%
21	9.390	1111	1115	1116	rBV4	8785	9999	0.30%	0.023%
22	9.649	1151	1159	1163	rBV3	11521	18574	0.55%	0.043%
23	10.001	1208	1219	1228	rBV	518542	944672	28.17%	2.192%
24	10.295	1266	1269	1271	rBV	4176	5259	0.16%	0.012%
25	10.424	1284	1291	1292	rBV4	3472	5396	0.16%	0.013%
26	10.554	1306	1313	1324	rBV	678564	1340178	39.96%	3.110%
27	10.871	1364	1367	1370	rBV4	6120	7786	0.23%	0.018%
28	10.930	1370	1377	1389	rVB	621769	1134782	33.84%	2.634%
29	11.071	1393	1401	1410	rBV	646268	1225883	36.55%	2.845%
30	11.317	1440	1443	1446	rVB4	4463	4957	0.15%	0.012%
31	11.347	1446	1448	1452	rBV3	3625	5272	0.16%	0.012%
32	11.928	1540	1547	1550	rBV5	16807	26586	0.79%	0.062%
33	12.069	1568	1571	1573	rVB3	4781	5071	0.15%	0.012%
34	12.328	1611	1615	1618	rBV5	11123	17834	0.53%	0.041%

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Integration Parameters: LSCINT.P

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35	12.522	1644	1648	1656	rVB7	19900	36995	1.10%	0.086%
36	12.727	1681	1683	1686	rBV3	4365	4607	0.14%	0.011%
37	12.868	1705	1707	1709	rVB3	7000	5562	0.17%	0.013%
38	12.898	1709	1712	1713	rBV3	5778	5929	0.18%	0.014%
39	12.956	1719	1722	1726	rBV4	6004	10458	0.31%	0.024%
40	13.044	1735	1737	1739	rBV3	4324	4820	0.14%	0.011%
41	13.103	1745	1747	1749	rBV3	7152	5540	0.17%	0.013%
42	13.197	1762	1763	1765	rBV2	5216	5059	0.15%	0.012%
43	13.268	1770	1775	1780	rVV4	23471	40004	1.19%	0.093%
44	13.356	1785	1790	1795	rVB7	9695	16636	0.50%	0.039%
45	13.561	1821	1825	1832	rVB5	21394	34507	1.03%	0.080%
46	13.638	1832	1838	1844	rVB7	17239	30953	0.92%	0.072%
47	14.160	1920	1927	1931	rBV	1309577	1909745	56.95%	4.432%
48	14.207	1931	1935	1941	rVB	929620	1312278	39.13%	3.046%
49	14.460	1971	1978	1985	rBV	1358644	2198994	65.57%	5.104%
50	14.630	2003	2007	2012	rBV3	62623	82242	2.45%	0.191%
51	14.766	2024	2030	2037	rVB3	920892	1479769	44.13%	3.434%
52	14.989	2062	2068	2082	rBV2	399494	936690	27.93%	2.174%
53	15.324	2122	2125	2130	rVB5	13383	19775	0.59%	0.046%
54	15.476	2148	2151	2152	rBV2	8251	8674	0.26%	0.020%
55	15.588	2165	2170	2175	rVB	97067	131861	3.93%	0.306%
56	15.764	2193	2200	2210	rVB	1820109	2775435	82.76%	6.441%
57	15.893	2217	2222	2232	rBV	590311	884552	26.38%	2.053%
58	15.999	2235	2240	2245	rVB4	54750	91937	2.74%	0.213%
59	16.146	2261	2265	2272	rBV6	42463	70206	2.09%	0.163%
60	16.217	2274	2277	2281	rVB6	19673	21764	0.65%	0.051%
61	16.387	2301	2306	2313	rBV3	117767	182641	5.45%	0.424%
62	16.451	2313	2317	2320	rBV2	98862	132057	3.94%	0.306%
63	17.250	2449	2453	2460	rBV3	63950	118234	3.53%	0.274%
64	17.368	2471	2473	2476	rBV4	10679	11432	0.34%	0.027%
65	17.462	2487	2489	2494	rBV6	13831	15103	0.45%	0.035%
66	17.527	2494	2500	2507	rBV2	1163721	1810070	53.97%	4.201%
67	17.632	2512	2518	2524	rVB	1856606	2913590	86.88%	6.762%
68	17.726	2531	2534	2541	rVB6	34121	55526	1.66%	0.129%
69	18.284	2625	2629	2634	rBV5	32461	46977	1.40%	0.109%
70	18.343	2635	2639	2644	rBV2	64753	91888	2.74%	0.213%
71	18.402	2644	2649	2658	rVV	318194	448989	13.39%	1.042%

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72	19.553	2842	2845	2852	rVB2	47224	65446	1.95%	0.152%
73	19.665	2861	2864	2873	rBV	101898	141153	4.21%	0.328%
74	19.806	2885	2888	2895	rBV2	19113	40648	1.21%	0.094%
75	19.923	2902	2908	2914	rVB	2334454	3353536	100.00%	7.783%
76	21.445	3162	3167	3181	rVB2	368716	785082	23.41%	1.822%
77	21.844	3229	3235	3244	rVB	1289110	2097965	62.56%	4.869%
78	22.637	3365	3370	3373	rBV	367359	613501	18.29%	1.424%
79	23.730	3551	3556	3562	rVB3	181126	344651	10.28%	0.800%
80	24.200	3630	3636	3643	rVB	200716	425451	12.69%	0.987%
81	24.276	3643	3649	3664	rBV4	287283	1046453	31.20%	2.429%
82	24.987	3761	3770	3782	rVB2	1103600	3053197	91.04%	7.086%
83	25.222	3802	3810	3821	rVB2	649187	1998321	59.59%	4.638%

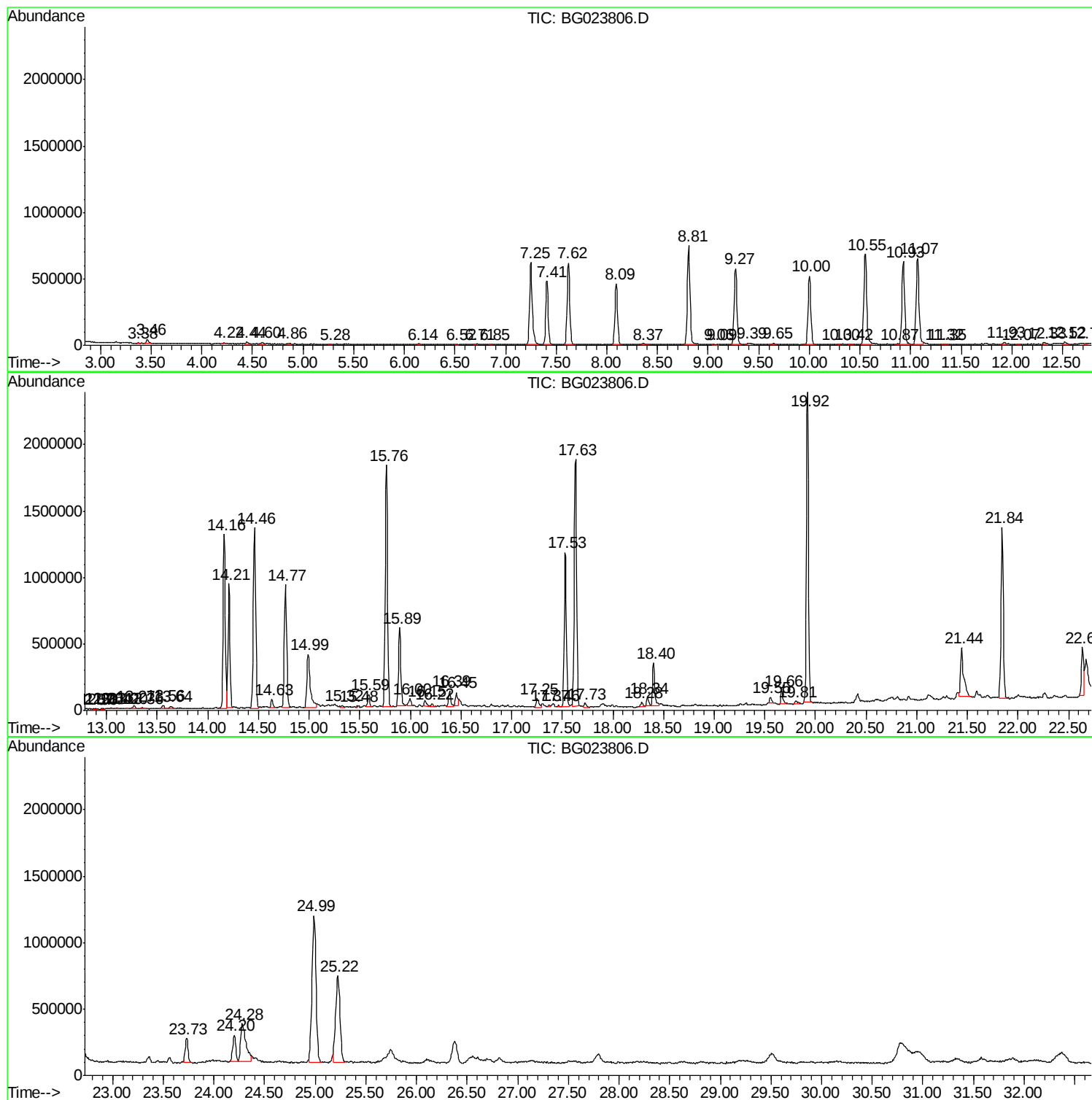
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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



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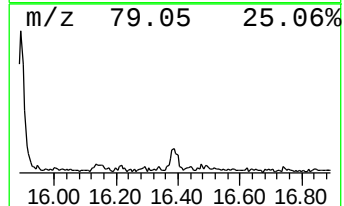
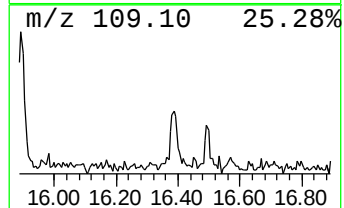
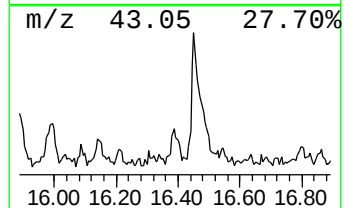
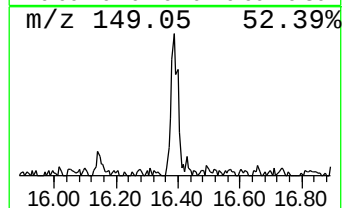
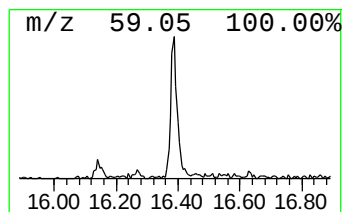
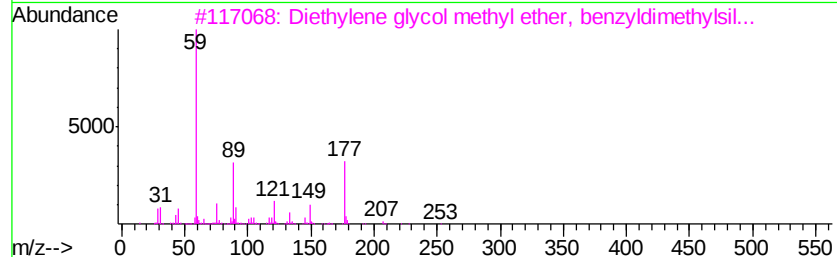
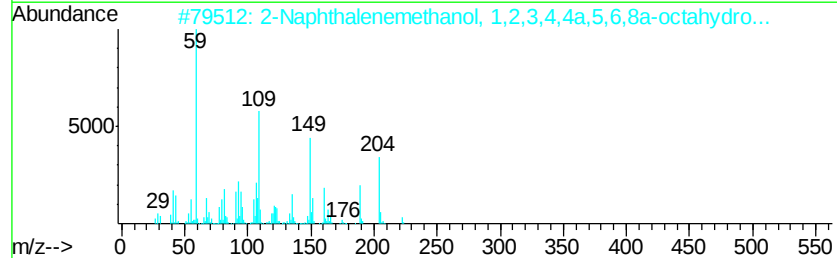
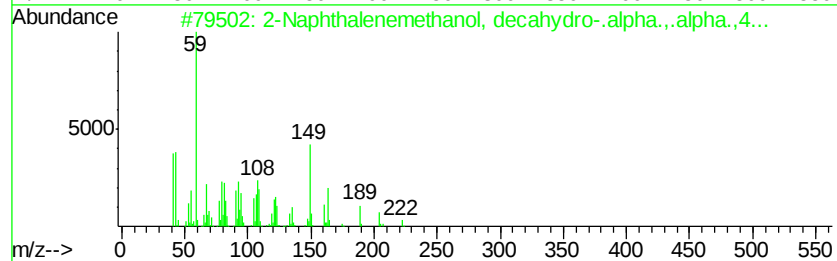
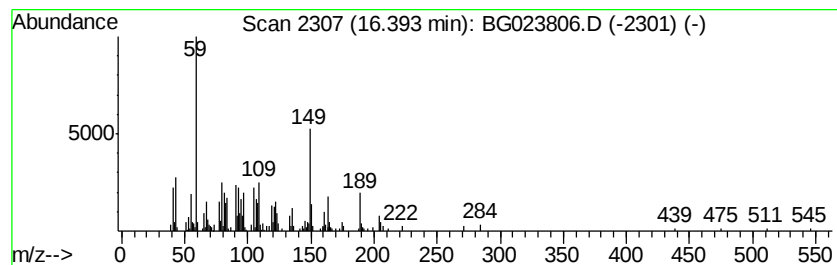
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Naphthalenemethanol, deca... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.39	2.02 ng/ul	182641	Phenanthrene-d10	17.53		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	72	
2	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	079254-46-9	42	
3	Diethylene glycol methyl ether, ...	268	C14H24O3Si	1000375-90-2	38	
4	3,7-Cyclodecadiene-1-methanol, ...	222	C15H26O	021657-90-9	37	
5	3,7-Cyclodecadiene-1-methanol,	222	C15H26O	021657-90-9	37	



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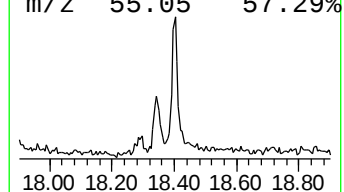
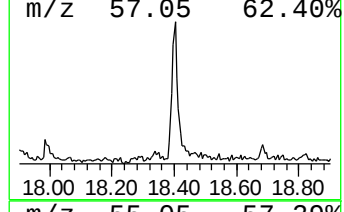
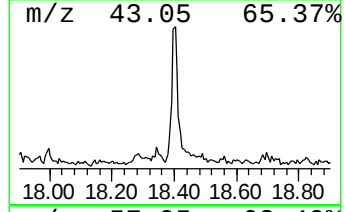
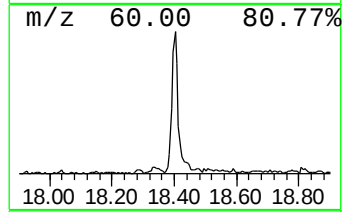
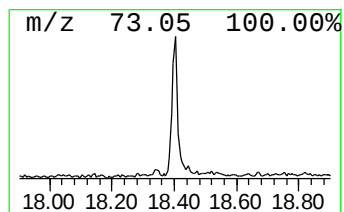
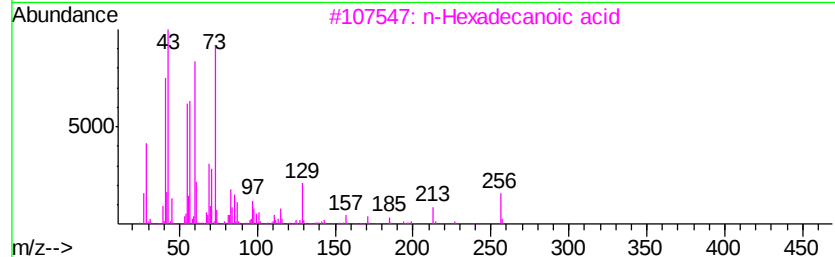
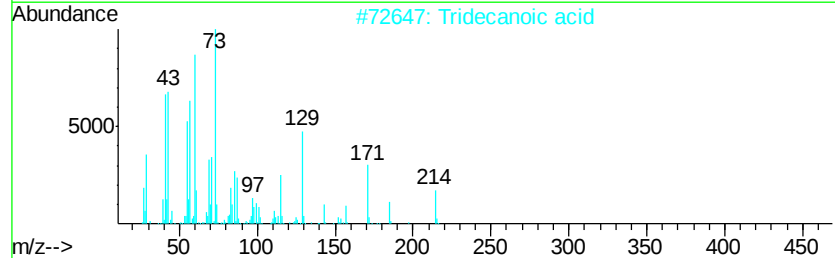
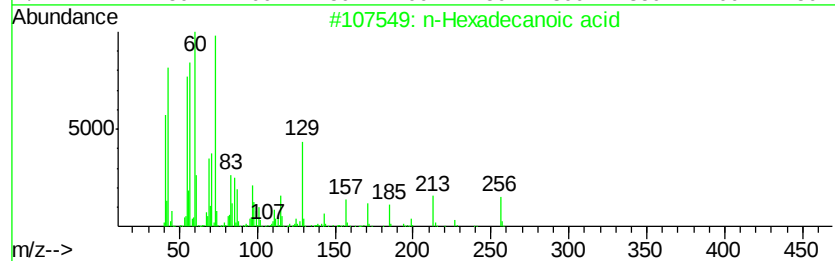
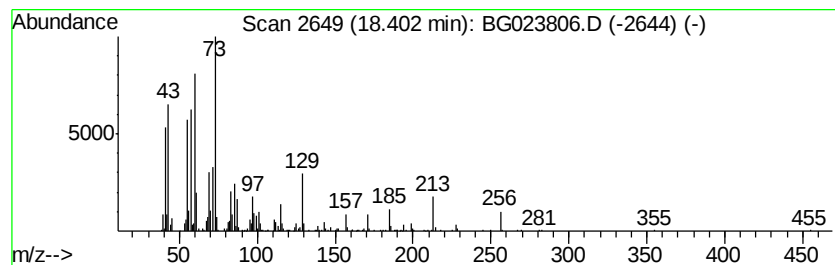
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.40	4.96 ng/ul	448989	Phenanthrene-d10		17.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	



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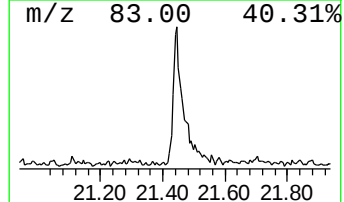
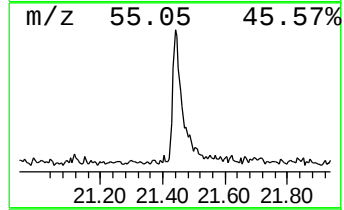
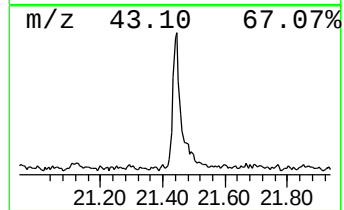
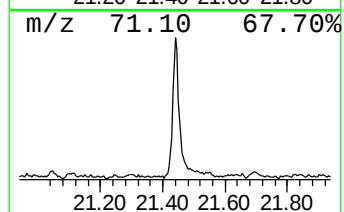
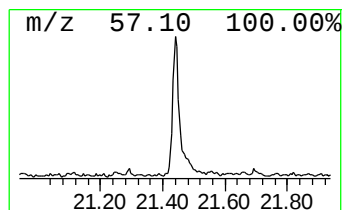
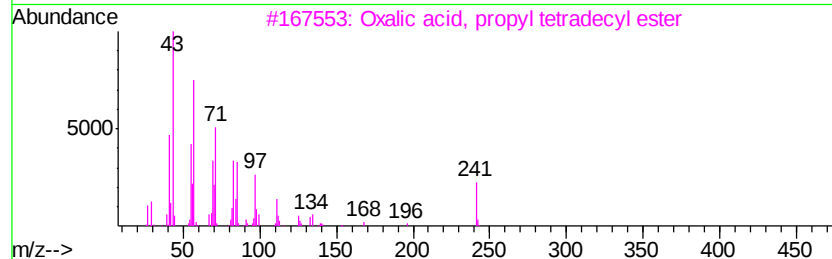
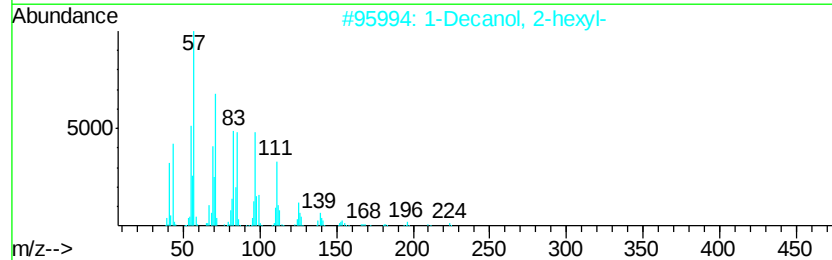
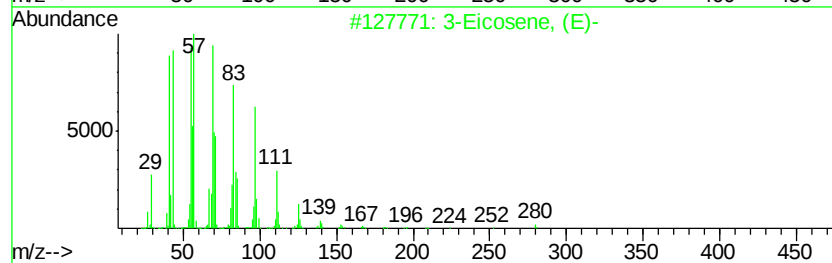
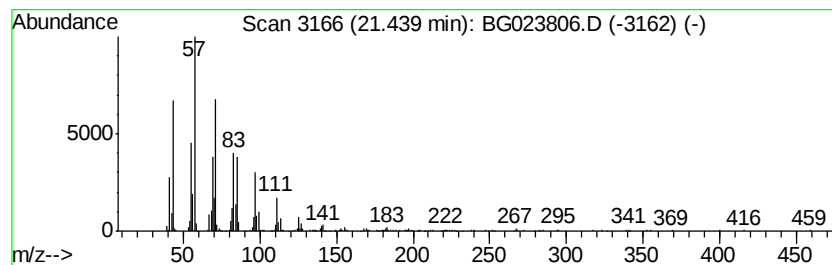
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.44	7.48 ng/ul	785082	Chrysene-d12	21.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	95
2	1-Decanol, 2-hexyl-		242	C16H34O	002425-77-6	91
3	Oxalic acid, propyl tetradecyl e...		328	C19H36O4	1000309-26-7	91
4	Octatriacontyl pentafluoropropio...		697	C41H77F5O2	1000351-89-1	91
5	Oxalic acid, hexadecyl propyl ester		356	C21H40O4	1000309-26-9	91



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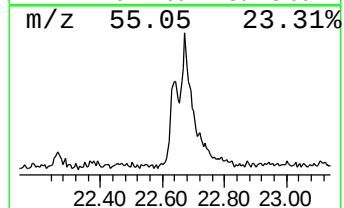
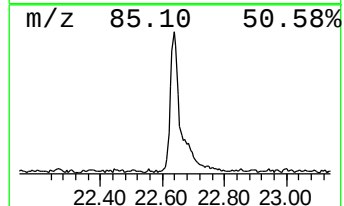
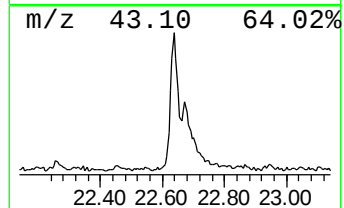
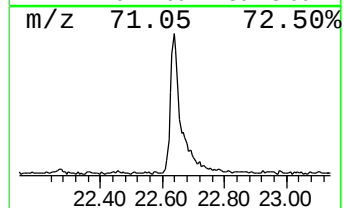
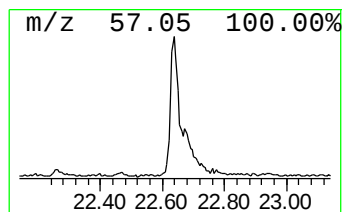
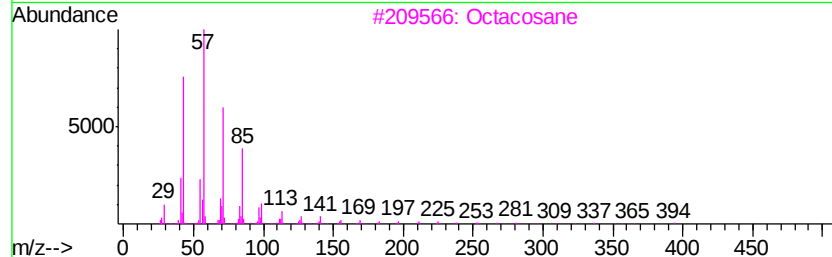
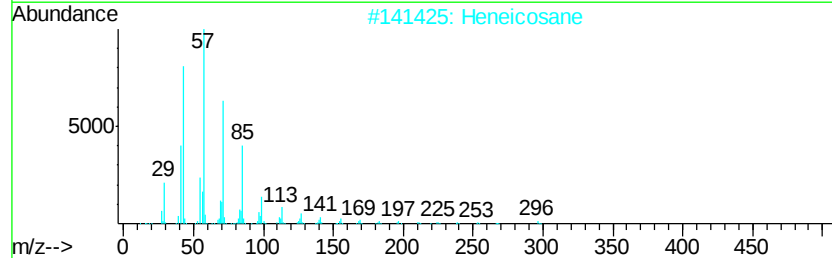
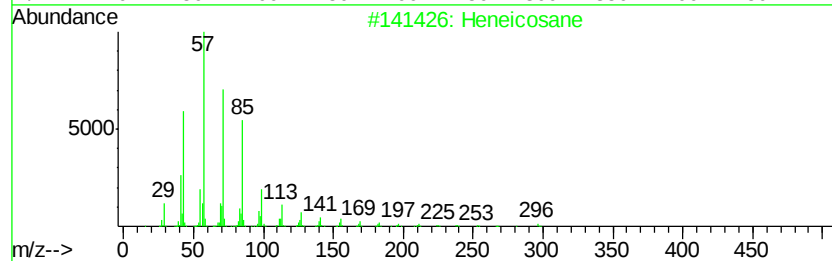
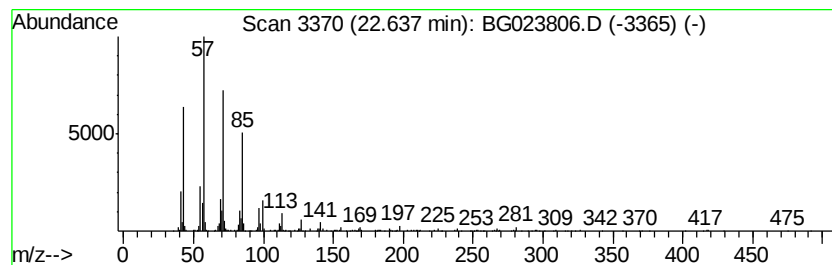
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	5.85 ng/ul	613501	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		10-Methylnonadecane	282	C20H42	056862-62-5	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023806.D
Acq On : 20 Aug 2016 7:47
Operator : UM/SJ
Sample : H4496-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

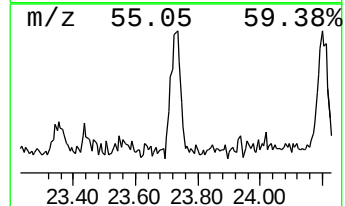
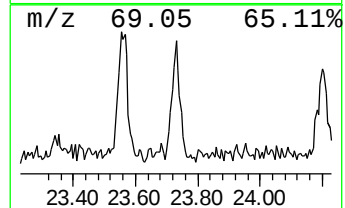
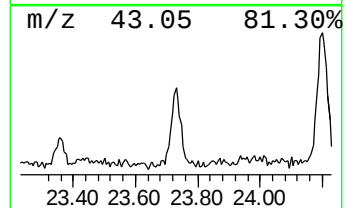
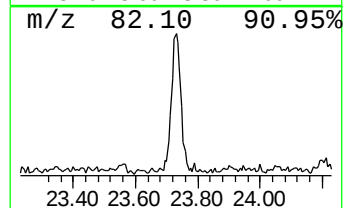
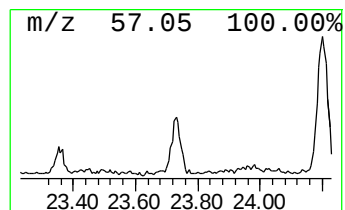
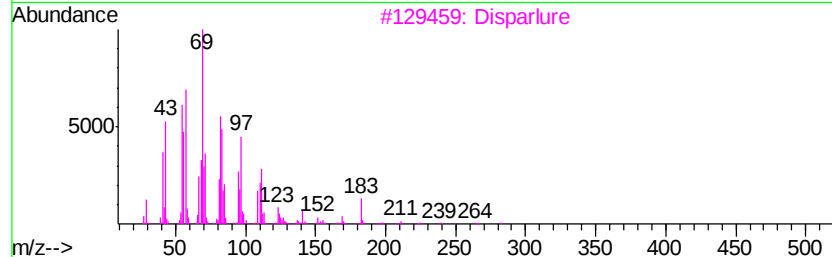
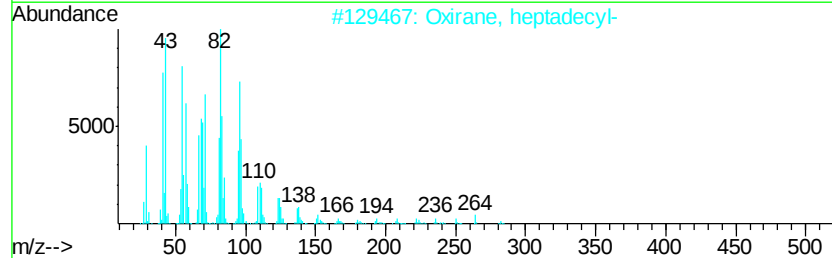
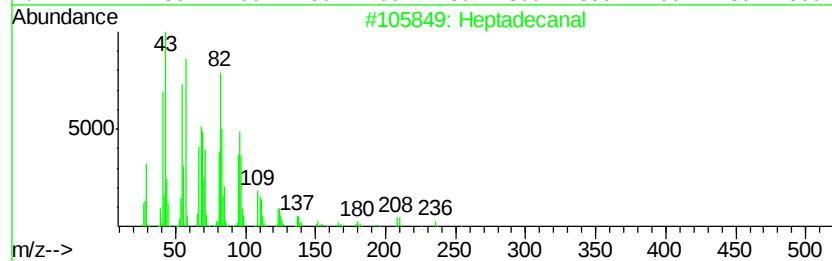
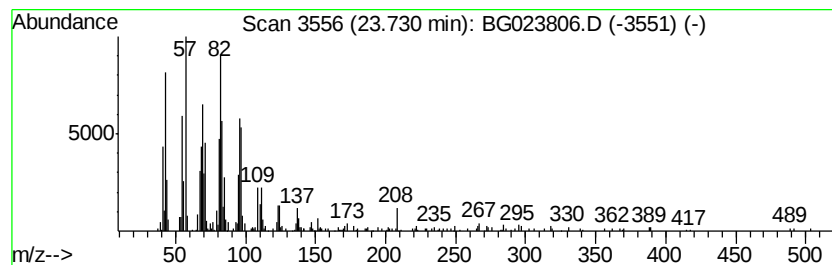
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Heptadecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.73	3.45 ng/ul	344651	Perylene-d12	25.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal	254	C17H34O	1000376-70-0	86
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	80
3	Disparlure	282	C19H38O	029804-22-6	68
4	Octadecanal	268	C18H36O	000638-66-4	68
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023806.D
Acq On : 20 Aug 2016 7:47
Operator : UM/SJ
Sample : H4496-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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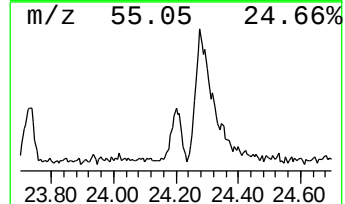
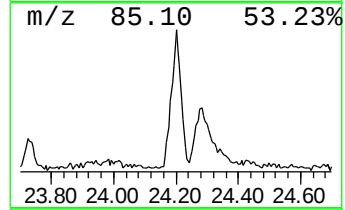
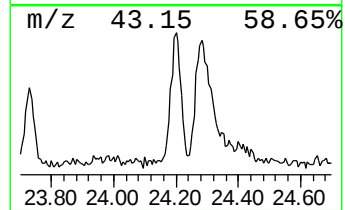
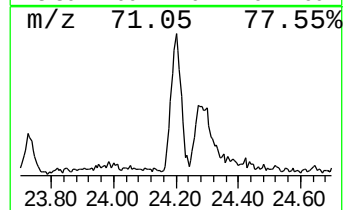
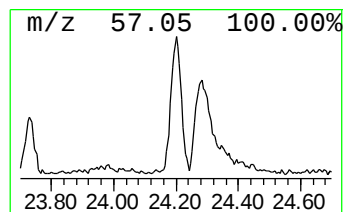
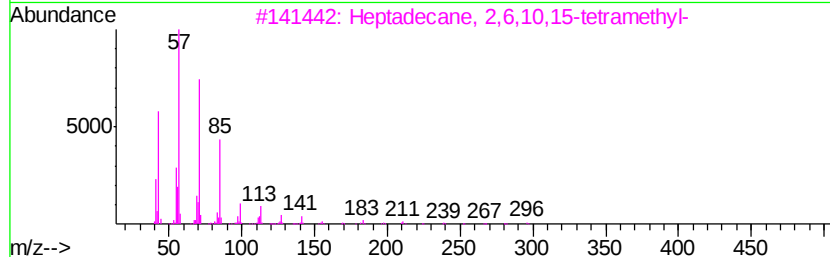
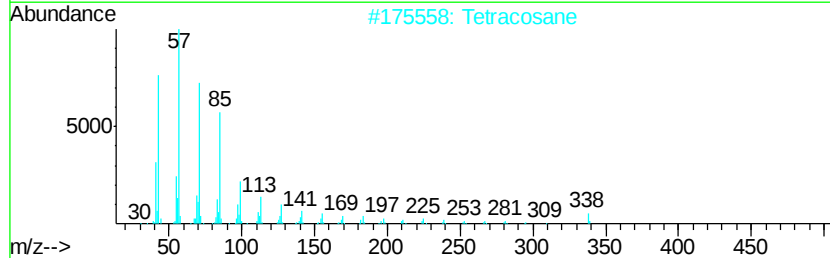
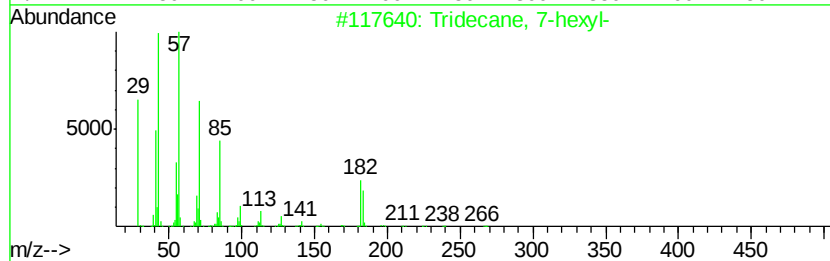
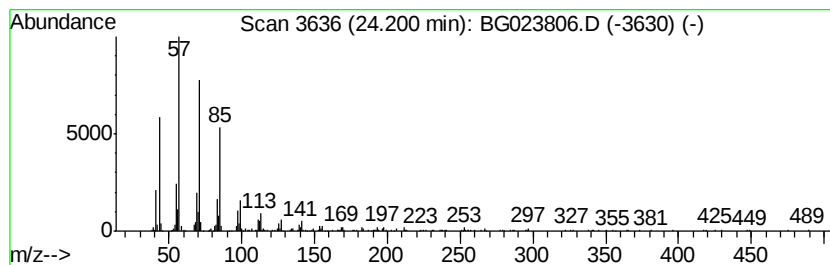
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	4.26 ng/ul	425451	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
2		Tetracosane	338	C24H50	000646-31-1	94
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023806.D
Acq On : 20 Aug 2016 7:47
Operator : UM/SJ
Sample : H4496-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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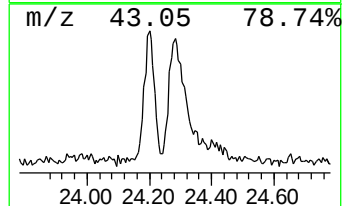
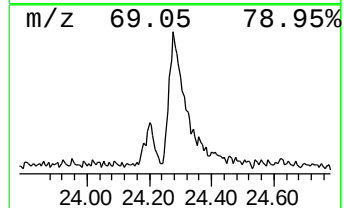
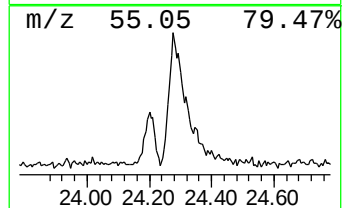
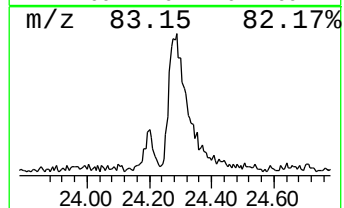
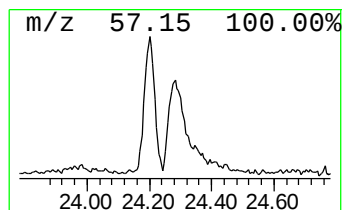
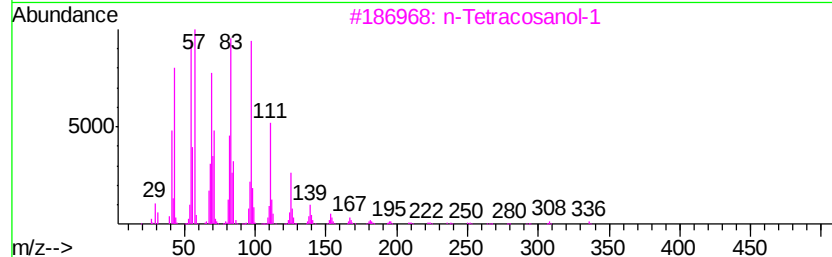
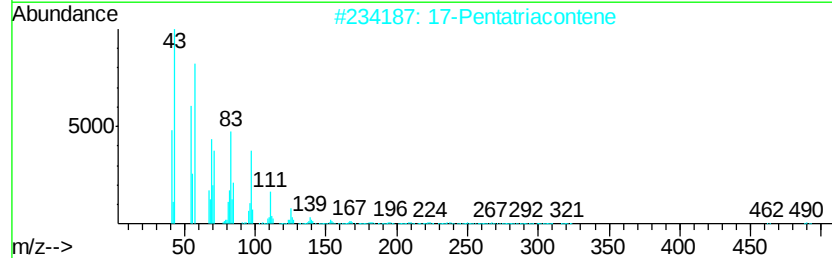
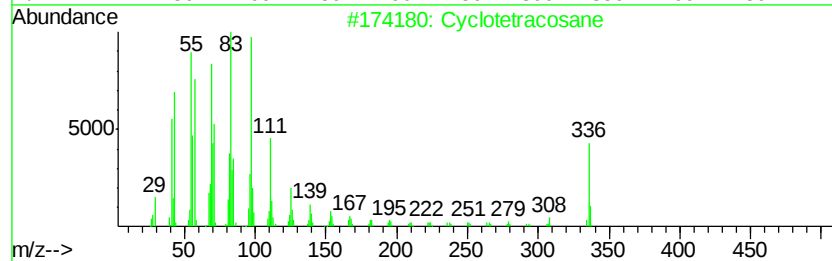
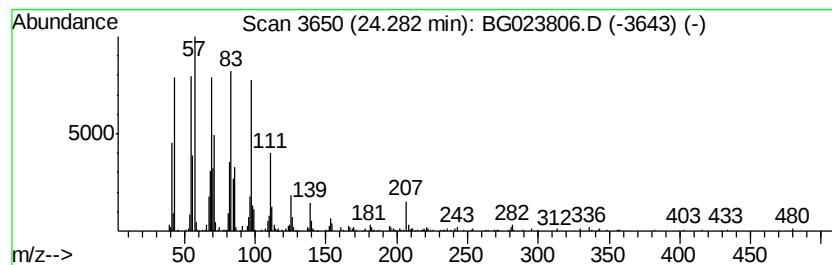
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic24.28 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.28	10.47 ng/ul	1046450	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	99
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		Octacosanol	410	C28H58O	000557-61-9	89
5		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023806.D
Acq On : 20 Aug 2016 7:47
Operator : UM/SJ
Sample : H4496-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHPW8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.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
2-Naphthalenemeth...	16.39	2.0	ng/ul	182641	4	17.53	1810070	20.0
n-Hexadecanoic acid	18.40	5.0	ng/ul	448989	4	17.53	1810070	20.0
(DEL) Alkane: Cyc...	21.44	7.5	ng/ul	785082	5	21.84	2097970	20.0
(DEL) Alkane: Str...	22.64	5.8	ng/ul	613501	5	21.84	2097970	20.0
Heptadecanal	23.73	3.5	ng/ul	344651	6	25.23	1998320	20.0
(DEL) Alkane: Str...	24.20	4.3	ng/ul	425451	6	25.23	1998320	20.0
(DEL) Alkane: Cyc...	24.28	10.5	ng/ul	1046450	6	25.23	1998320	20.0