

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023822.D
 Acq On : 20 Aug 2016 18:27
 Operator : UM/SJ
 Sample : H4533-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TS01-01

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	3.460	102	106	111	rBV3	26145	36088	1.29%	0.103%
2	3.495	111	112	118	rVB3	6036	4714	0.17%	0.014%
3	3.654	137	139	142	rVB3	5213	4565	0.16%	0.013%
4	4.218	231	235	242	rVB2	23747	40861	1.46%	0.117%
5	4.553	287	292	294	rBV3	11769	17433	0.62%	0.050%
6	4.594	296	299	306	rVB2	26515	40201	1.43%	0.115%
7	5.028	371	373	378	rVB3	3435	4570	0.16%	0.013%
8	5.158	392	395	402	rVB3	24880	34822	1.24%	0.100%
9	5.246	407	410	412	rBV3	4546	4689	0.17%	0.013%
10	5.305	418	420	425	rBV3	3536	4356	0.16%	0.012%
11	5.816	504	507	510	rBV4	2988	4090	0.15%	0.012%
12	6.274	582	585	586	rBV3	5233	6050	0.22%	0.017%
13	6.808	674	676	680	rBV2	3131	3967	0.14%	0.011%
14	7.178	735	739	741	rVB4	4527	4777	0.17%	0.014%
15	7.249	744	751	763	rVV	492717	928476	33.13%	2.662%
16	7.408	770	778	785	rBV	400031	653589	23.32%	1.874%
17	7.619	807	814	823	rBV	475060	853260	30.45%	2.446%
18	8.089	888	894	902	rBV	442426	780599	27.85%	2.238%
19	8.377	937	943	945	rBV4	8551	14702	0.52%	0.042%
20	8.400	945	947	950	rVB3	5395	4372	0.16%	0.013%
21	8.806	1010	1016	1029	rBV	568533	1052005	37.54%	3.016%
22	9.005	1048	1050	1053	rVB2	4644	5199	0.19%	0.015%
23	9.199	1080	1083	1085	rVB2	5601	4828	0.17%	0.014%
24	9.270	1089	1095	1102	rBV	463272	832445	29.71%	2.386%
25	9.393	1107	1116	1117	rBV8	13972	24007	0.86%	0.069%
26	9.998	1211	1219	1230	rBV2	407004	755394	26.96%	2.165%
27	10.257	1260	1263	1265	rBV2	3910	3847	0.14%	0.011%
28	10.333	1273	1276	1280	rVB3	5330	6817	0.24%	0.020%
29	10.550	1304	1313	1325	rBV	546388	1094066	39.04%	3.136%
30	10.926	1369	1377	1386	rBV	606974	1123347	40.09%	3.220%
31	11.067	1394	1401	1418	rBV	437858	849232	30.30%	2.434%
32	11.220	1425	1427	1430	rVB3	4691	5040	0.18%	0.014%
33	11.426	1459	1462	1465	rVB3	5152	4639	0.17%	0.013%
34	11.461	1465	1468	1469	rBV2	3887	4199	0.15%	0.012%

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Integration Parameters: LSCINT.P

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 Title : SVOA CALIBRATION

35	11.625	1492	1496	1498	rBV	3039	4041	0.14%	0.012%
36	12.154	1583	1586	1590	rVB2	5297	4946	0.18%	0.014%
37	12.448	1627	1636	1642	rBV2	56535	107593	3.84%	0.308%
38	12.524	1644	1649	1654	rVB5	11939	23965	0.86%	0.069%
39	13.059	1737	1740	1742	rBV3	3136	4180	0.15%	0.012%
40	13.100	1746	1747	1755	rVV3	5493	9548	0.34%	0.027%
41	13.176	1757	1760	1763	rVB2	4085	5883	0.21%	0.017%
42	13.352	1786	1790	1795	rVB6	8656	13860	0.49%	0.040%
43	13.488	1811	1813	1816	rBV2	3565	3818	0.14%	0.011%
44	13.634	1835	1838	1841	rVB2	9478	11450	0.41%	0.033%
45	14.034	1904	1906	1910	rVB3	3612	5034	0.18%	0.014%
46	14.069	1910	1912	1915	rBV2	5142	7122	0.25%	0.020%
47	14.163	1920	1928	1932	rBV	1068419	1590554	56.76%	4.560%
48	14.210	1932	1936	1943	rVB	799682	1138147	40.61%	3.263%
49	14.333	1955	1957	1962	rVB3	3763	5015	0.18%	0.014%
50	14.463	1969	1979	1988	rBV	1136717	1801009	64.27%	5.163%
51	14.586	1998	2000	2004	rVB3	4026	3952	0.14%	0.011%
52	14.633	2004	2008	2012	rVB2	18448	22697	0.81%	0.065%
53	14.768	2024	2031	2038	rBV2	944367	1532773	54.70%	4.394%
54	14.997	2063	2070	2081	rBV2	295561	680538	24.28%	1.951%
55	15.132	2090	2093	2094	rBV3	5362	4401	0.16%	0.013%
56	15.250	2110	2113	2120	rVV9	8717	13626	0.49%	0.039%
57	15.314	2122	2124	2129	rVB4	6690	10274	0.37%	0.029%
58	15.408	2138	2140	2142	rVB3	5049	3690	0.13%	0.011%
59	15.544	2158	2163	2167	rBV2	17143	25880	0.92%	0.074%
60	15.591	2167	2171	2176	rVB	47810	63773	2.28%	0.183%
61	15.649	2177	2181	2182	rBV3	4161	5195	0.19%	0.015%
62	15.767	2194	2201	2207	rBV	1437391	2301578	82.13%	6.598%
63	15.896	2217	2223	2233	rBV	471288	743783	26.54%	2.132%
64	16.002	2236	2241	2246	rVV6	32325	63122	2.25%	0.181%
65	16.043	2246	2248	2251	rVB3	6169	5293	0.19%	0.015%
66	16.096	2255	2257	2262	rVB6	9060	7907	0.28%	0.023%
67	16.143	2264	2265	2269	rVB3	8865	9574	0.34%	0.027%
68	16.213	2272	2277	2280	rBV5	12475	19843	0.71%	0.057%
69	16.337	2294	2298	2305	rVB8	8640	18579	0.66%	0.053%
70	16.401	2305	2309	2313	rBV5	9231	14515	0.52%	0.042%
71	16.454	2314	2318	2326	rVV2	63678	110792	3.95%	0.318%

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72	16.795	2373	2376	2378	rBV3	7656	9445	0.34%	0.027%
73	16.906	2392	2395	2401	rBV8	12276	20769	0.74%	0.060%
74	17.030	2412	2416	2419	rBV5	8167	12143	0.43%	0.035%
75	17.253	2450	2454	2458	rBV	43687	53333	1.90%	0.153%
76	17.306	2459	2463	2468	rVB6	13887	27304	0.97%	0.078%
77	17.529	2495	2501	2511	rBV2	1146813	1839376	65.64%	5.273%
78	17.629	2512	2518	2530	rVB2	1509791	2414232	86.15%	6.921%
79	17.887	2557	2562	2577	rBV4	101257	262749	9.38%	0.753%
80	17.999	2577	2581	2584	rVB	19363	22428	0.80%	0.064%
81	18.281	2625	2629	2637	rBV9	17775	39197	1.40%	0.112%
82	18.346	2639	2640	2642	rBV2	8561	5163	0.18%	0.015%
83	18.404	2645	2650	2656	rBV	189573	271441	9.69%	0.778%
84	18.686	2695	2698	2701	rBV4	14694	19427	0.69%	0.056%
85	19.133	2771	2774	2778	rBV4	20791	30833	1.10%	0.088%
86	19.632	2856	2859	2863	rVB3	46737	50859	1.81%	0.146%
87	19.667	2863	2865	2871	rBV6	42180	56888	2.03%	0.163%
88	19.926	2903	2909	2920	rVB	1864259	2802368	100.00%	8.033%
89	21.453	3165	3169	3179	rBV3	122694	274884	9.81%	0.788%
90	21.847	3230	3236	3247	rBV	1247506	2063782	73.64%	5.916%
91	22.693	3375	3380	3393	rVB7	111890	336747	12.02%	0.965%
92	23.568	3525	3529	3538	rVB	148655	278607	9.94%	0.799%
93	25.001	3764	3773	3783	rVB	891923	2415660	86.20%	6.925%
94	25.230	3803	3812	3825	rVB	653126	1966746	70.18%	5.638%

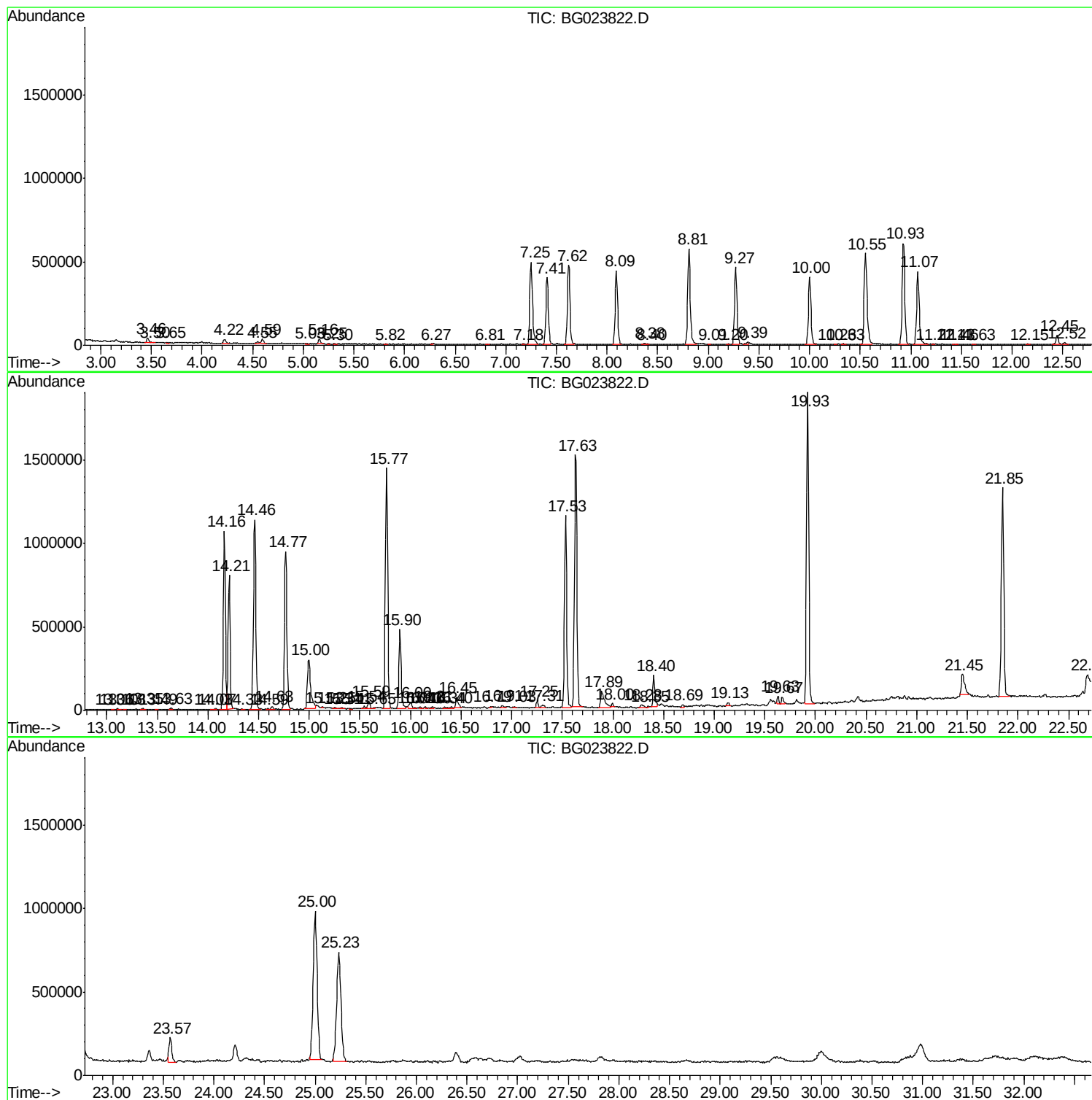
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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



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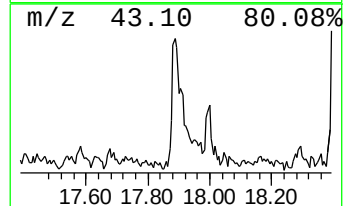
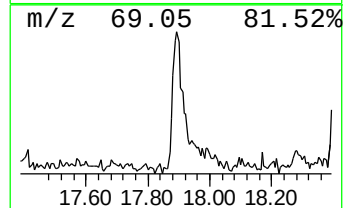
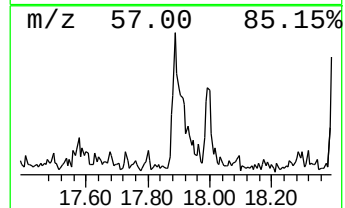
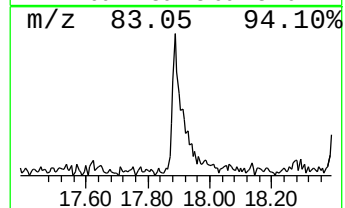
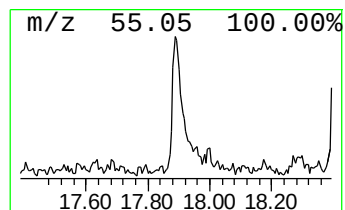
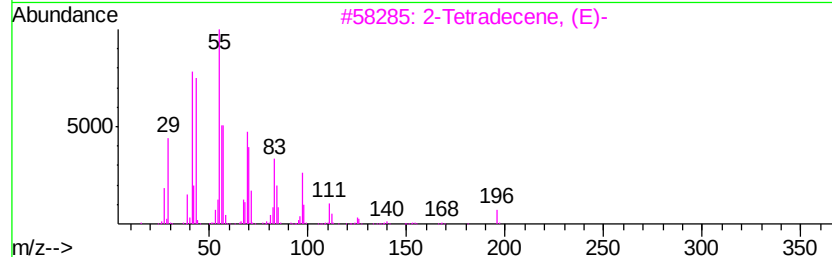
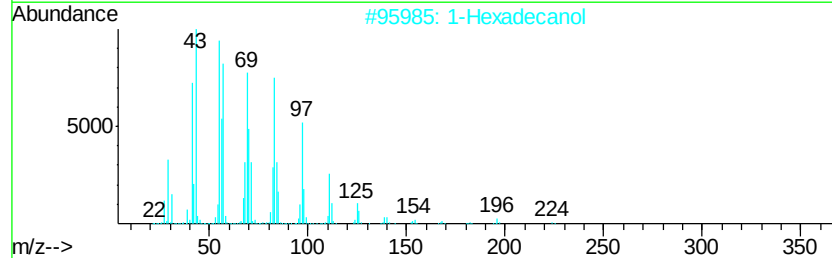
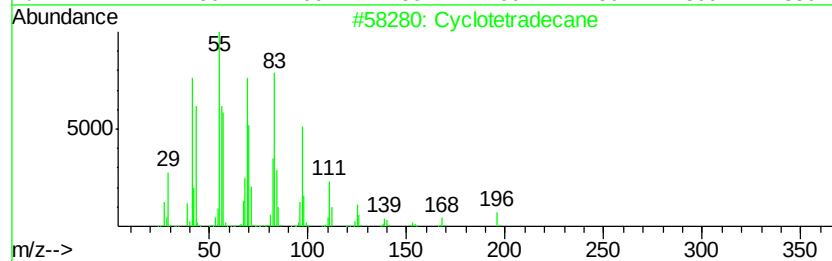
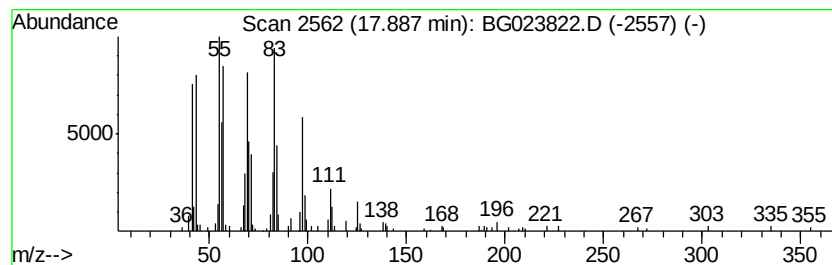
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	2.86 ng/ul	262749	Phenanthrene-d10		17.53
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	2-Tetradecene, (E)-	196	C14H28	035953-54-9	90
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
5	n-Pentadecanol	228	C15H32O	000629-76-5	87



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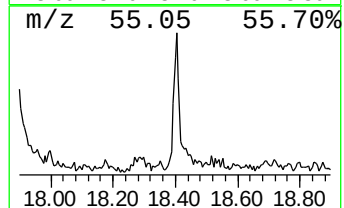
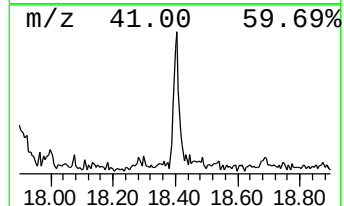
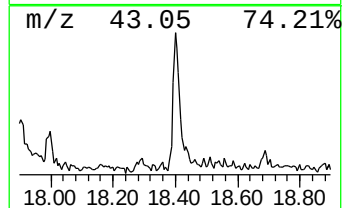
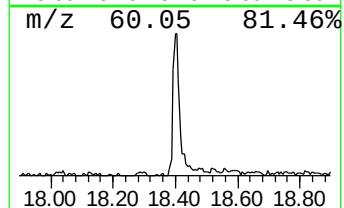
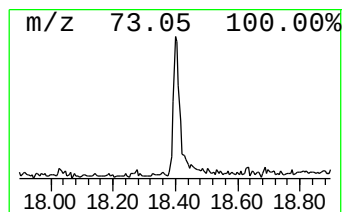
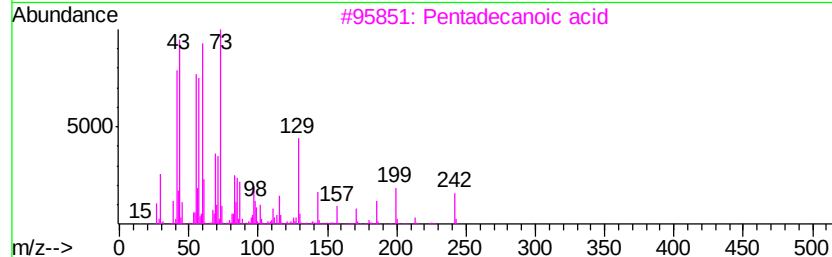
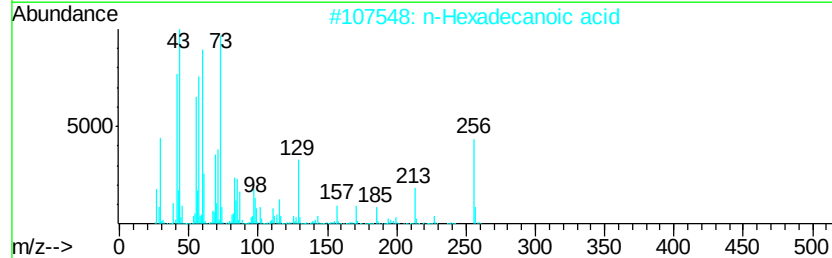
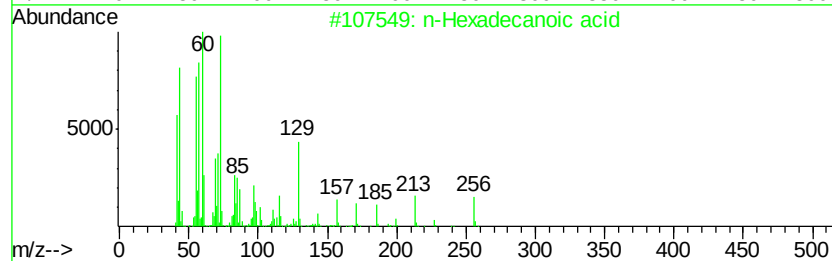
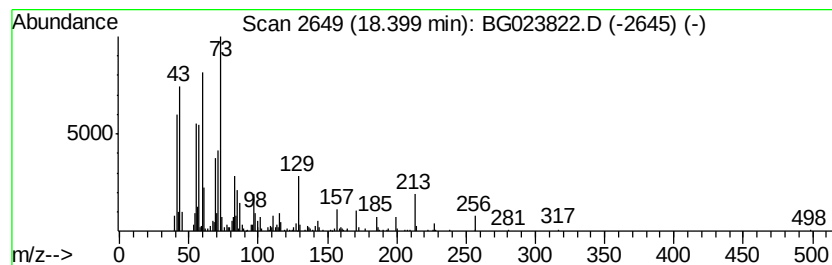
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.40	2.95 ng/ul	271441	Phenanthrene-d10	17.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58



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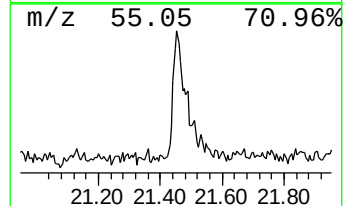
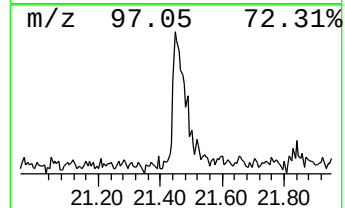
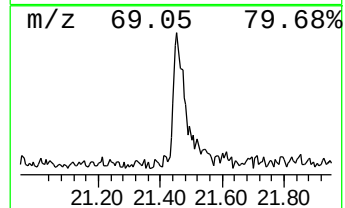
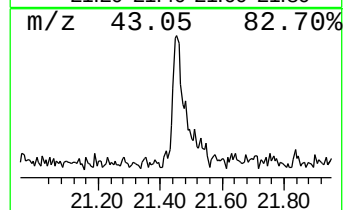
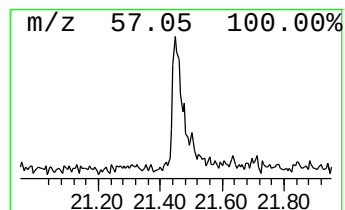
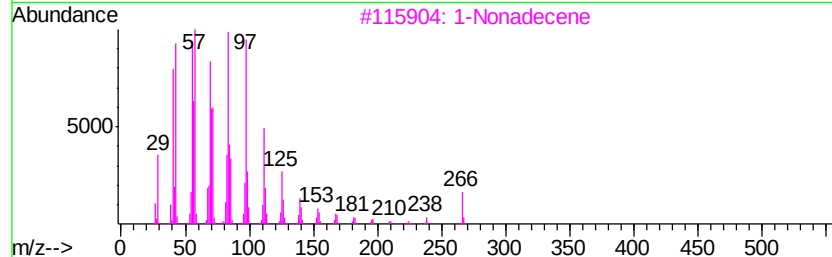
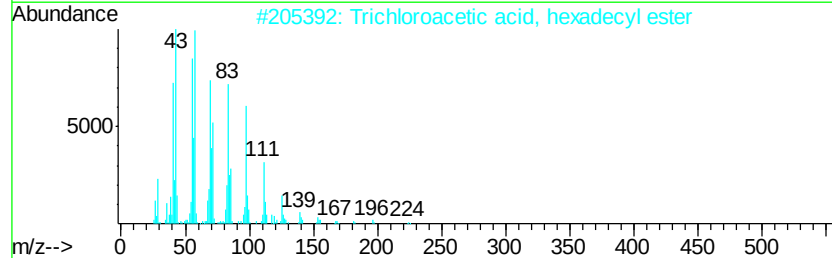
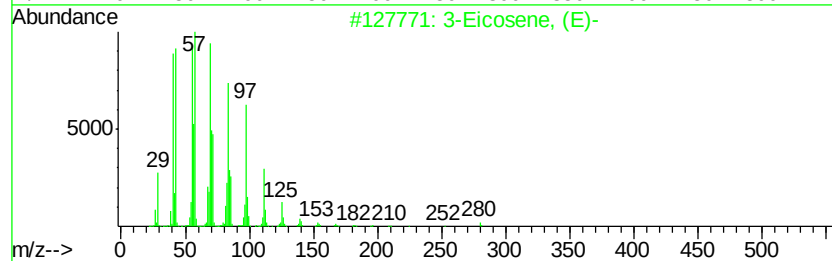
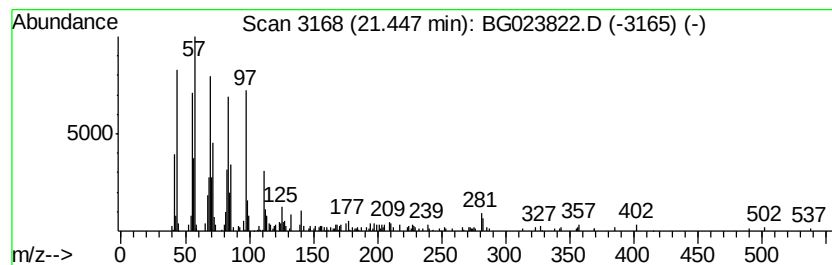
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.45 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.66 ng/ul	274884	Chrysene-d12	21.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-		280 C20H40	074685-33-9 95
2	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 94
3	1-Nonadecene		266 C19H38	018435-45-5 93
4	9-Eicosene, (E)-		280 C20H40	074685-29-3 91
5	1-Nonadecene		266 C19H38	018435-45-5 91



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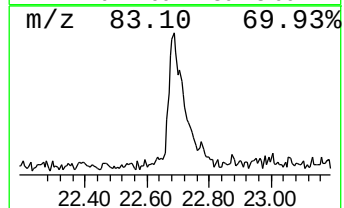
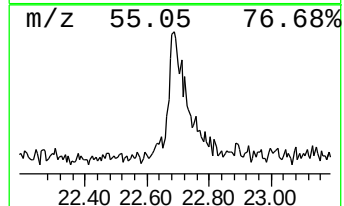
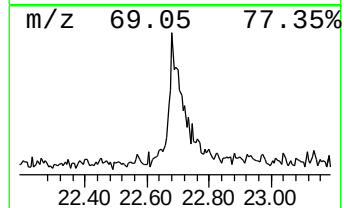
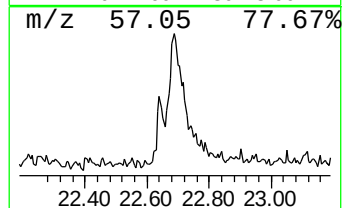
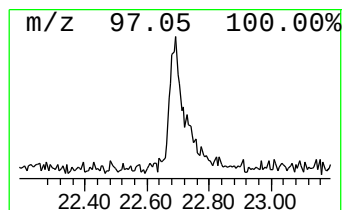
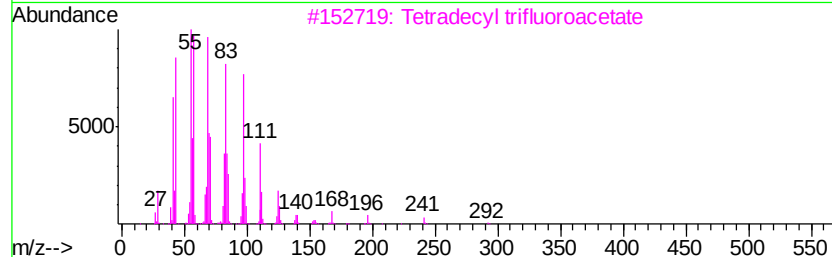
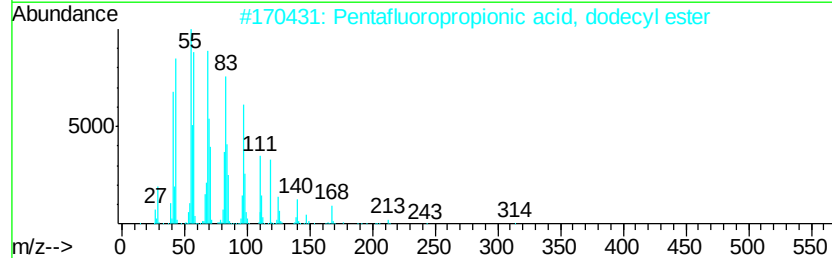
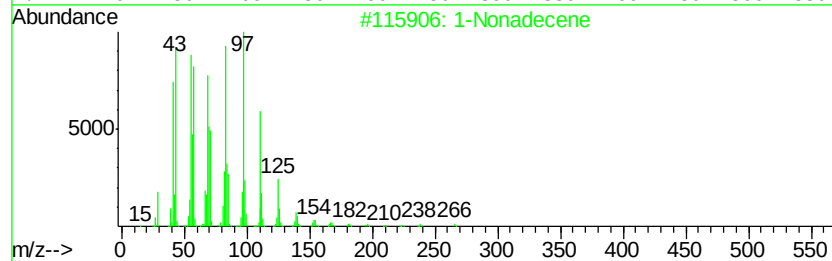
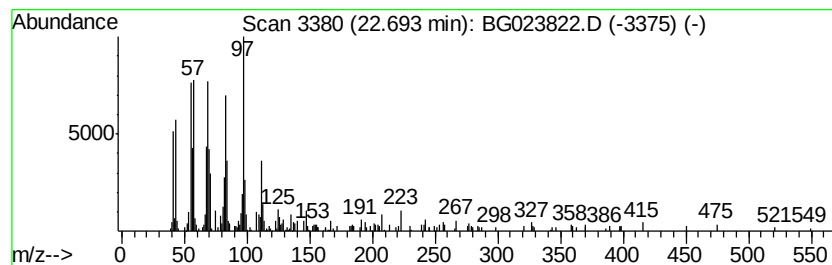
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic22.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	3.26 ng/ul	336747	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	81
2		Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	76
3		Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	70
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	68
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023822.D
Acq On : 20 Aug 2016 18:27
Operator : UM/SJ
Sample : H4533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TS01-01

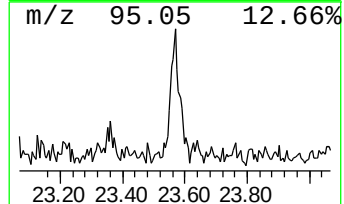
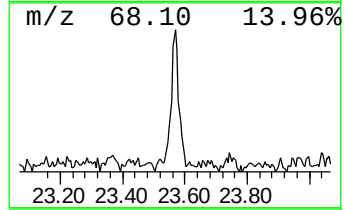
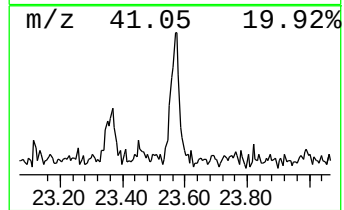
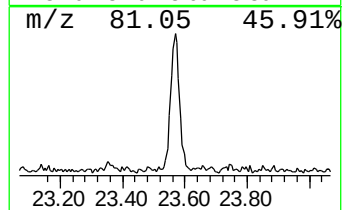
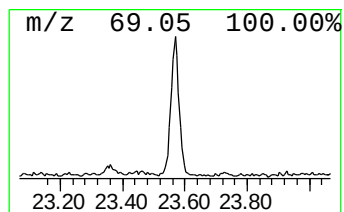
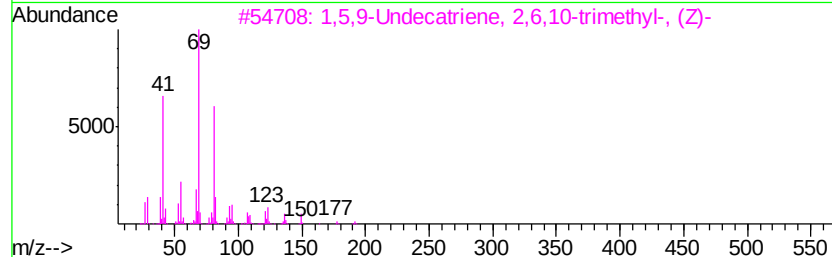
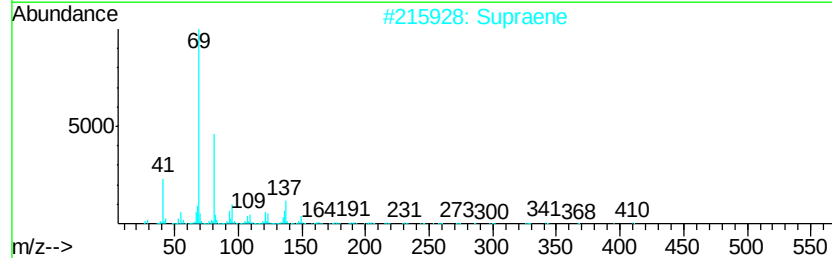
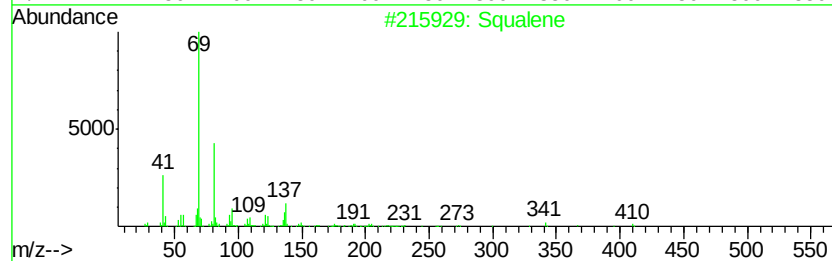
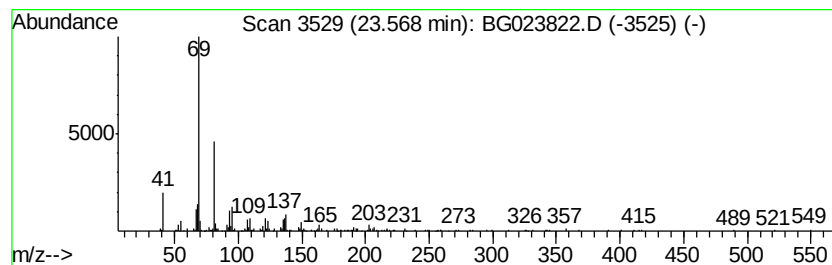
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	2.83 ng/ul	278607	Perylene-d12	25.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	83
2		Supraene	410	C30H50	007683-64-9	74
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
4		Squalene	410	C30H50	000111-02-4	72
5		Squalene	410	C30H50	000111-02-4	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023822.D
Acq On : 20 Aug 2016 18:27
Operator : UM/SJ
Sample : H4533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TS01-01

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
(DEL) Alkane: Cyc...	17.89	2.9	ng/ul	262749	4	17.53	1839380	20.0
n-Hexadecanoic acid	18.40	3.0	ng/ul	271441	4	17.53	1839380	20.0
(DEL) Alkane: Cyc...	21.45	2.7	ng/ul	274884	5	21.85	2063780	20.0
(DEL) Alkane: Cyc...	22.69	3.3	ng/ul	336747	5	21.85	2063780	20.0
Squalene	23.57	2.8	ng/ul	278607	6	25.24	1966750	20.0