

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
 Data File : BG024361.D
 Acq On : 14 Oct 2016 21:01
 Operator : UM/SJ
 Sample : H5187-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDPC4

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-BG0100716.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	3.643	134	137	148	rVB6	26768	44933	1.12%	0.091%
2	4.407	266	267	273	rVB6	15637	21558	0.54%	0.044%
3	4.724	319	321	326	rBV6	9984	12517	0.31%	0.025%
4	4.977	361	364	369	rVB6	8523	13155	0.33%	0.027%
5	5.042	372	375	378	rBV5	8742	14456	0.36%	0.029%
6	5.353	423	428	439	rVB4	12654	24861	0.62%	0.050%
7	5.846	511	512	520	rVB7	6366	11318	0.28%	0.023%
8	5.970	530	533	540	rVB4	10273	15117	0.38%	0.031%
9	6.275	583	585	591	rBV6	6425	12232	0.31%	0.025%
10	6.481	616	620	622	rVB5	9676	13405	0.33%	0.027%
11	6.751	661	666	668	rBV6	7579	12674	0.32%	0.026%
12	7.409	769	778	791	rBV	534491	1026876	25.61%	2.082%
13	7.597	801	810	819	rBV	391909	658395	16.42%	1.335%
14	7.809	834	846	855	rBV	503952	905106	22.57%	1.835%
15	8.285	919	927	936	rVB	529952	966739	24.11%	1.960%
16	8.490	957	962	964	rBV5	10606	13203	0.33%	0.027%
17	8.532	965	969	972	rVB5	8177	10978	0.27%	0.022%
18	8.966	1033	1043	1053	rVB2	659550	1178982	29.40%	2.391%
19	9.454	1118	1126	1134	rBV	524612	981597	24.48%	1.991%
20	9.589	1144	1149	1155	rVV9	7002	13528	0.34%	0.027%
21	9.818	1180	1188	1195	rVB6	18887	50813	1.27%	0.103%
22	9.906	1195	1203	1206	rBV7	7871	15337	0.38%	0.031%
23	10.042	1225	1226	1233	rBV4	7682	12092	0.30%	0.025%
24	10.112	1233	1238	1241	rBV3	9320	11800	0.29%	0.024%
25	10.183	1241	1250	1259	rVB2	443321	834140	20.80%	1.692%
26	10.717	1331	1341	1351	rVB	695607	1275565	31.81%	2.587%
27	11.111	1400	1408	1416	rVB	801449	1495328	37.29%	3.032%
28	11.170	1416	1418	1421	rBV4	11383	10729	0.27%	0.022%
29	11.240	1422	1430	1440	rBV2	463140	882491	22.01%	1.790%
30	11.505	1473	1475	1478	rBV4	12127	11705	0.29%	0.024%
31	11.663	1497	1502	1504	rVB4	9378	11627	0.29%	0.024%
32	11.804	1521	1526	1529	rBV7	6826	10796	0.27%	0.022%
33	11.834	1529	1531	1541	rVB7	12585	22320	0.56%	0.045%
34	12.022	1558	1563	1564	rVB5	8827	12250	0.31%	0.025%

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35	12.110	1574	1578	1581	rBV6	7442	11146	0.28%	0.023%
36	12.298	1605	1610	1613	rVB5	10894	15688	0.39%	0.032%
37	12.356	1616	1620	1624	rBV6	6765	11273	0.28%	0.023%
38	12.486	1638	1642	1648	rVB8	8250	19376	0.48%	0.039%
39	12.674	1665	1674	1684	rBV8	25638	60923	1.52%	0.124%
40	13.690	1843	1847	1853	rBV8	13878	20975	0.52%	0.043%
41	13.761	1853	1859	1865	rVB3	51955	93978	2.34%	0.191%
42	13.837	1865	1872	1875	rBV7	11616	16582	0.41%	0.034%
43	13.943	1885	1890	1895	rBV7	9365	14298	0.36%	0.029%
44	14.007	1897	1901	1903	rBV5	8656	12663	0.32%	0.026%
45	14.090	1909	1915	1919	rBV5	18003	28660	0.71%	0.058%
46	14.289	1940	1949	1953	rBV	1198534	1783920	44.48%	3.618%
47	14.336	1953	1957	1966	rVB	560030	786345	19.61%	1.595%
48	14.454	1974	1977	1980	rVB5	8957	11494	0.29%	0.023%
49	14.489	1980	1983	1986	rBV3	7369	11261	0.28%	0.023%
50	14.595	1992	2001	2014	rVB	1445260	2385174	59.47%	4.837%
51	14.754	2022	2028	2032	rBV4	38827	53040	1.32%	0.108%
52	14.901	2043	2053	2061	rVV	1440031	2340811	58.37%	4.747%
53	15.059	2071	2080	2092	rBV	697616	1159460	28.91%	2.351%
54	15.194	2099	2103	2109	rVB7	9855	20972	0.52%	0.043%
55	15.265	2109	2115	2118	rBV8	20977	31090	0.78%	0.063%
56	15.306	2120	2122	2127	rVB6	11711	12396	0.31%	0.025%
57	15.365	2127	2132	2139	rVB7	17129	26801	0.67%	0.054%
58	15.441	2139	2145	2148	rBV7	13751	15073	0.38%	0.031%
59	15.653	2177	2181	2184	rVV5	13449	18154	0.45%	0.037%
60	15.700	2184	2189	2194	rVV	86292	107779	2.69%	0.219%
61	15.764	2194	2200	2204	rVB8	10320	21680	0.54%	0.044%
62	15.805	2204	2207	2211	rBV5	14766	18701	0.47%	0.038%
63	15.882	2213	2220	2228	rBV	1974026	3170657	79.06%	6.430%
64	15.987	2230	2238	2246	rBV	574849	915497	22.83%	1.857%
65	16.117	2248	2260	2268	rBV10	47779	134221	3.35%	0.272%
66	16.252	2280	2283	2287	rBV6	12572	15382	0.38%	0.031%
67	16.322	2291	2295	2301	rBV8	21833	35784	0.89%	0.073%
68	16.493	2321	2324	2325	rBV2	15468	13903	0.35%	0.028%
69	16.557	2330	2335	2347	rVB3	100044	178534	4.45%	0.362%
70	16.834	2379	2382	2390	rVB9	10259	22678	0.57%	0.046%
71	16.898	2390	2393	2400	rVB9	19203	40581	1.01%	0.082%

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72	16.963	2400	2404	2406	rBV4	14493	23782	0.59%	0.048%
73	16.980	2406	2407	2417	rVB10	13572	30415	0.76%	0.062%
74	17.063	2420	2421	2425	rVB3	18752	20663	0.52%	0.042%
75	17.215	2445	2447	2453	rBV7	8737	12743	0.32%	0.026%
76	17.351	2463	2470	2474	rBV	69654	105115	2.62%	0.213%
77	17.398	2475	2478	2481	rBV5	10336	14141	0.35%	0.029%
78	17.639	2509	2519	2529	rBV2	1828381	2993756	74.65%	6.071%
79	17.738	2529	2536	2545	rVB	2220341	3461348	86.31%	7.019%
80	17.979	2572	2577	2588	rBV	335363	543751	13.56%	1.103%
81	18.091	2592	2596	2599	rVB5	27686	31420	0.78%	0.064%
82	18.267	2624	2626	2629	rVB4	13503	12100	0.30%	0.025%
83	18.479	2656	2662	2672	rBV2	325425	489590	12.21%	0.993%
84	18.772	2708	2712	2715	rBV6	18182	22379	0.56%	0.045%
85	18.843	2721	2724	2730	rVB7	11117	17393	0.43%	0.035%
86	18.902	2731	2734	2739	rVB7	20454	25739	0.64%	0.052%
87	19.331	2802	2807	2818	rBV	739729	1079647	26.92%	2.189%
88	19.601	2850	2853	2855	rBV4	36087	43646	1.09%	0.089%
89	19.636	2856	2859	2871	rVB8	62746	156570	3.90%	0.318%
90	19.742	2871	2877	2886	rBV5	196331	324754	8.10%	0.659%
91	19.895	2899	2903	2907	rBV6	33836	48979	1.22%	0.099%
92	20.006	2915	2922	2937	rVB	2688298	4010392	100.00%	8.133%
93	20.476	2997	3002	3004	rBV6	36416	60740	1.51%	0.123%
94	20.835	3057	3063	3068	rBV9	69850	127274	3.17%	0.258%
95	21.522	3175	3180	3192	rVB3	190393	351196	8.76%	0.712%
96	21.781	3221	3224	3230	rVB3	61653	82610	2.06%	0.168%
97	21.933	3243	3250	3258	rVB	1934808	3425083	85.41%	6.946%
98	23.467	3509	3511	3525	rVB	55965	133271	3.32%	0.270%
99	25.136	3784	3795	3810	rBV3	1279966	3818333	95.21%	7.743%
100	25.376	3825	3836	3850	rBV2	1136096	3598860	89.74%	7.298%

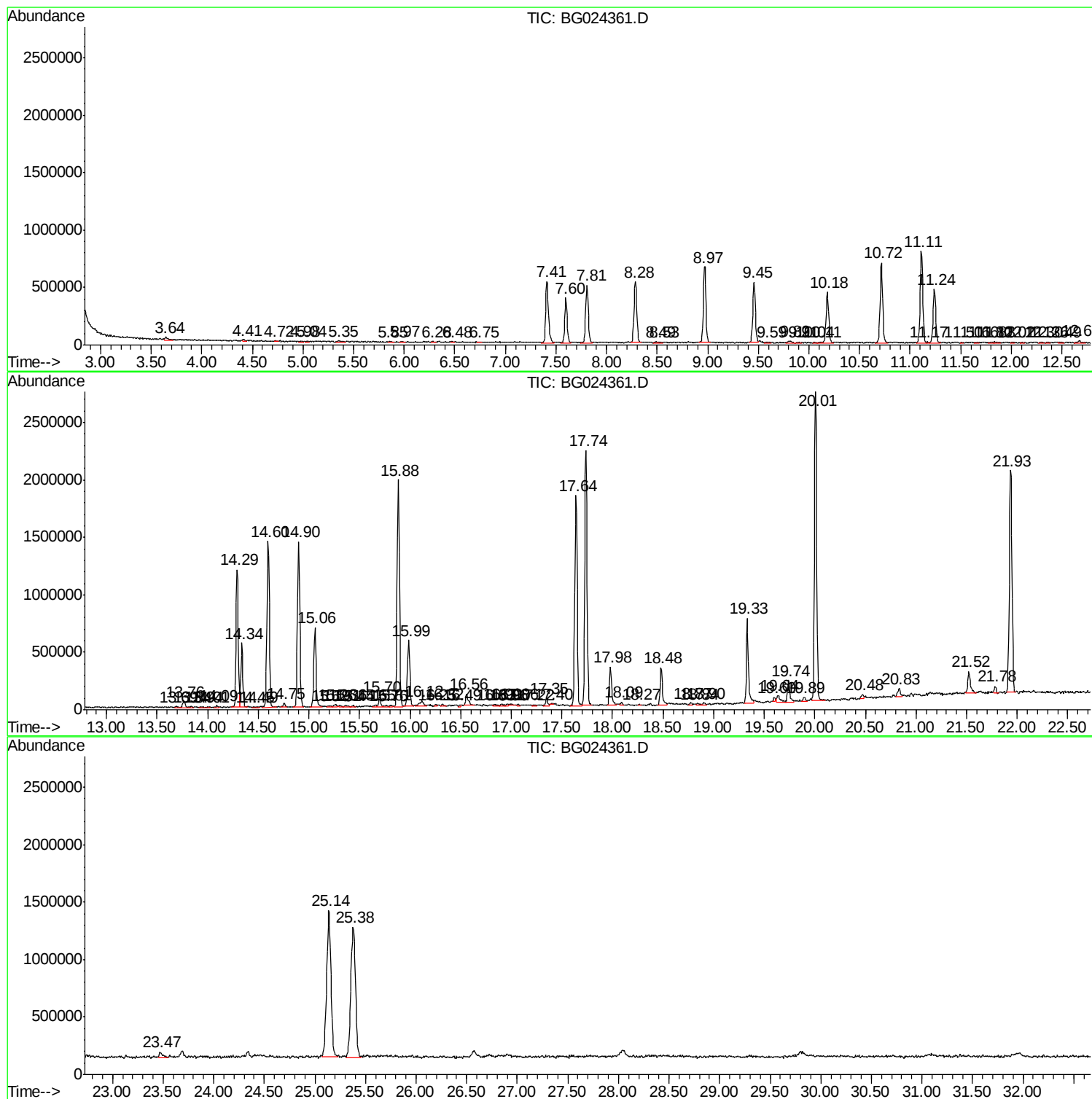
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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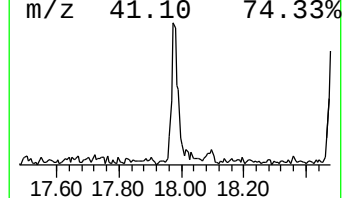
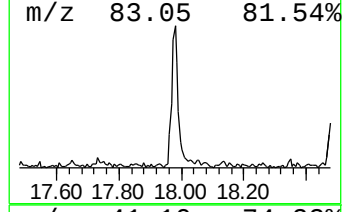
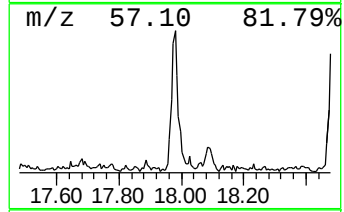
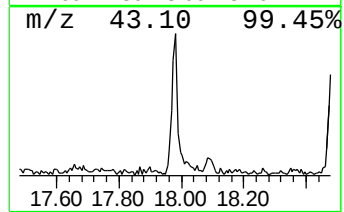
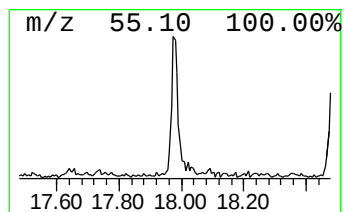
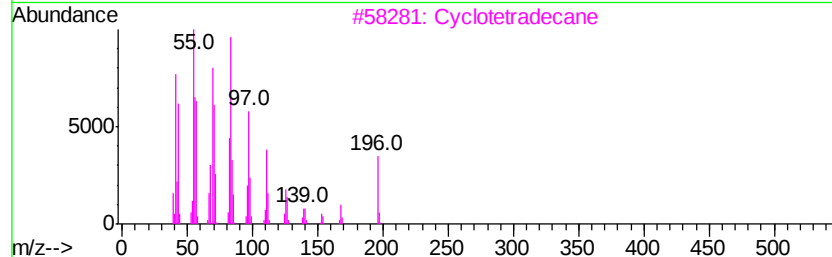
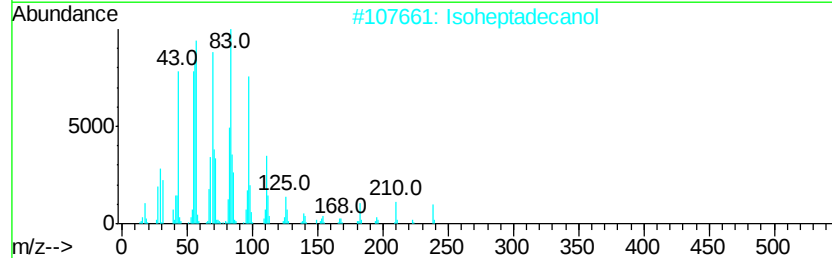
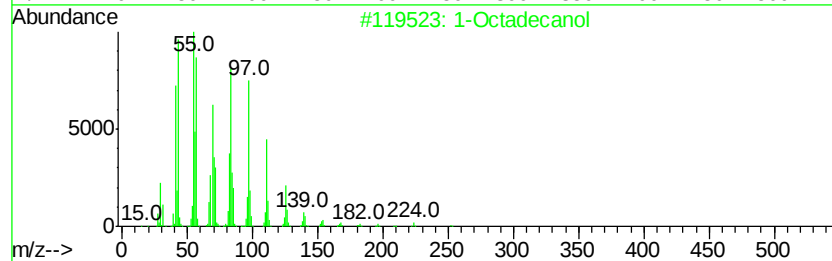
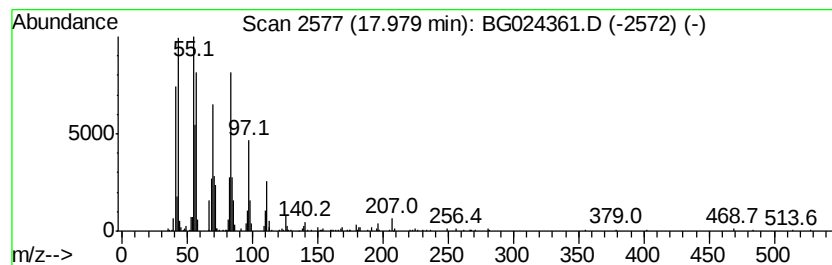
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Octadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	3.63 ng/ul	543751	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanol	270	C18H38O	000112-92-5	90
2			Isoheptadecanol	256	C17H36O	057289-07-3	90
3			Cyclotetradecane	196	C14H28	000295-17-0	87
4			Cycloeicosane	280	C20H40	000296-56-0	87
5			1-Tetradecene	196	C14H28	001120-36-1	86



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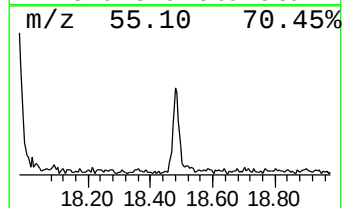
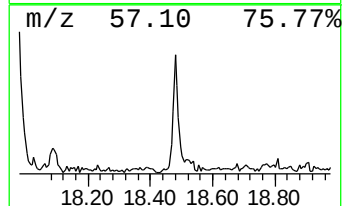
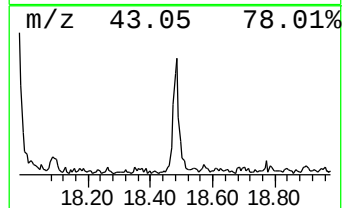
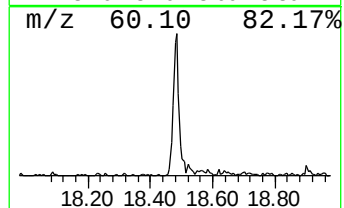
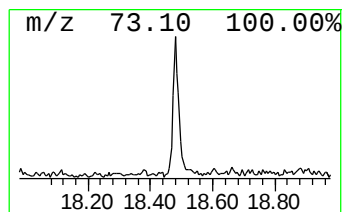
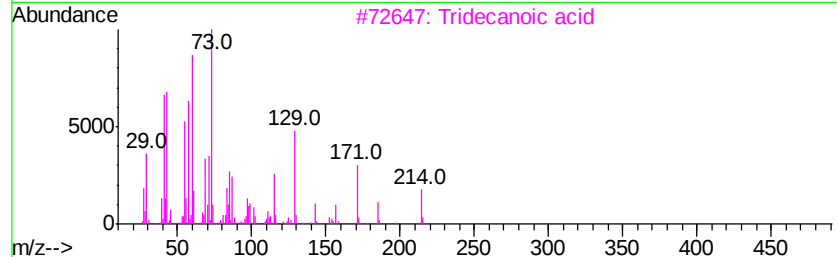
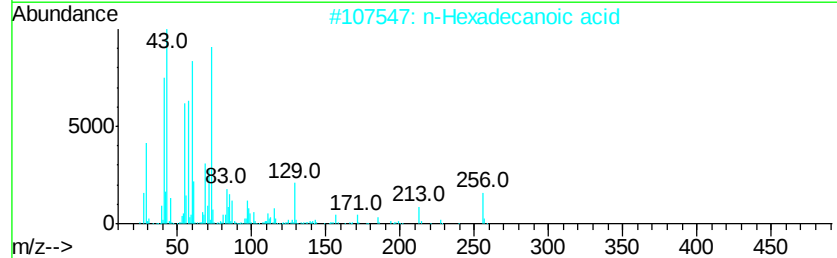
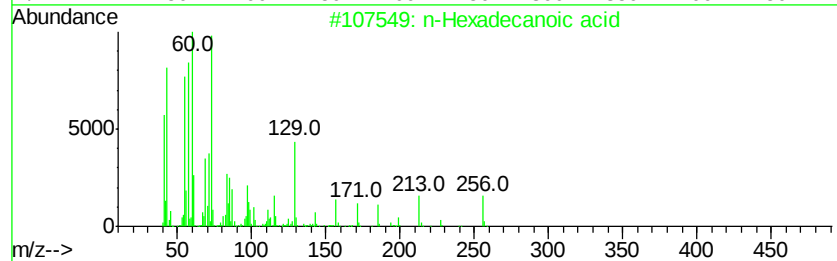
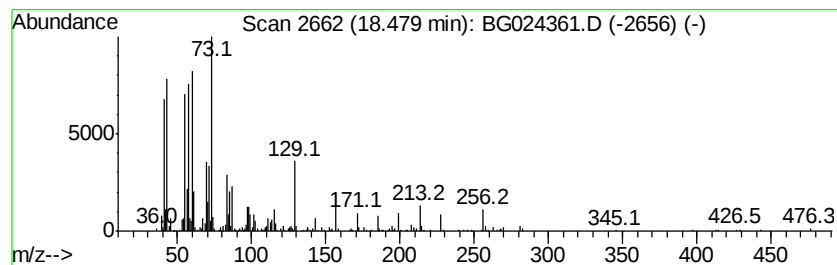
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.27 ng/ul	489590	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	74



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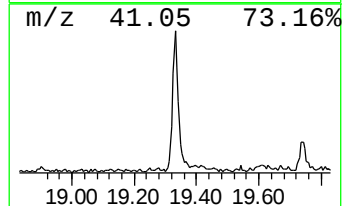
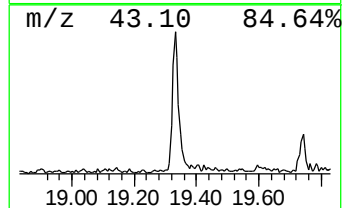
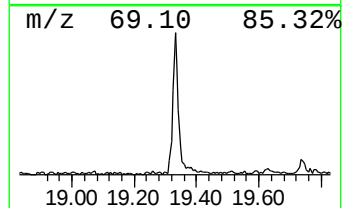
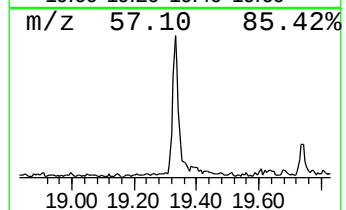
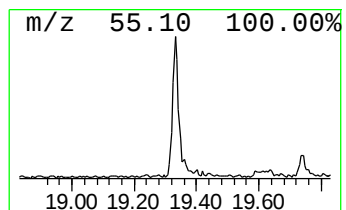
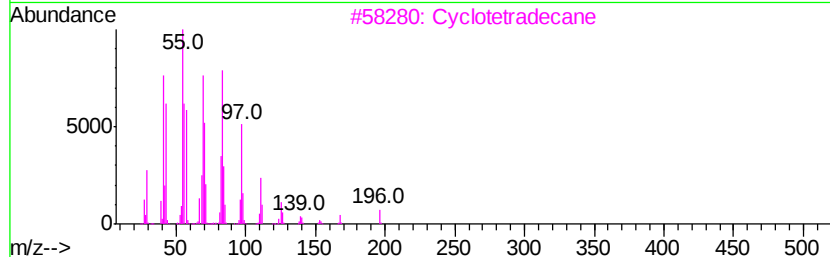
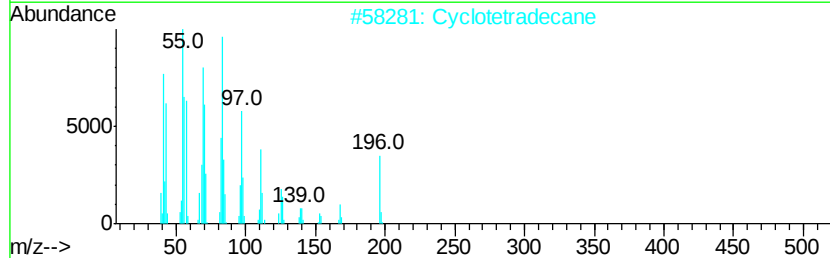
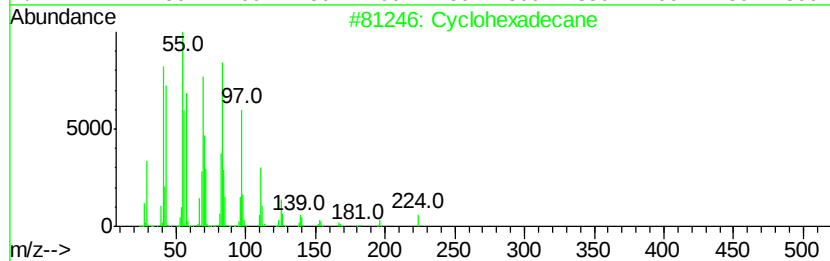
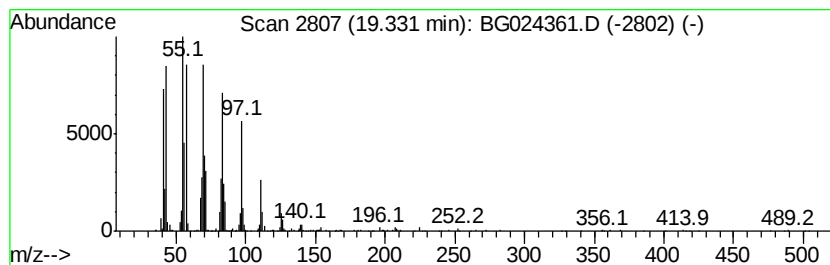
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic19.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	7.21 ng/ul	1079650	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	97
2		Cyclotetradecane	196	C14H28	000295-17-0	93
3		Cyclotetradecane	196	C14H28	000295-17-0	92
4		Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	91
5		3-Octadecene, (E)-	252	C18H36	007206-19-1	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
Data File : BG024361.D
Acq On : 14 Oct 2016 21:01
Operator : UM/SJ
Sample : H5187-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPC4

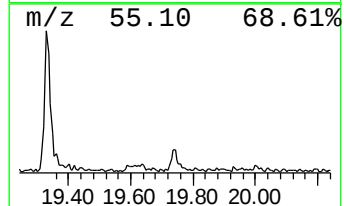
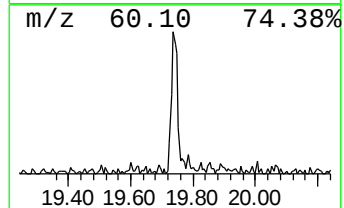
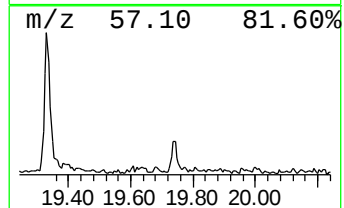
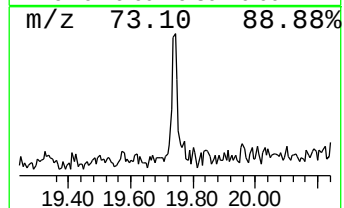
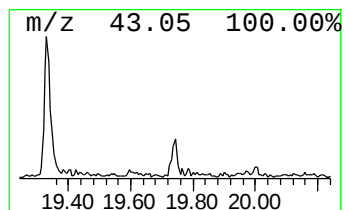
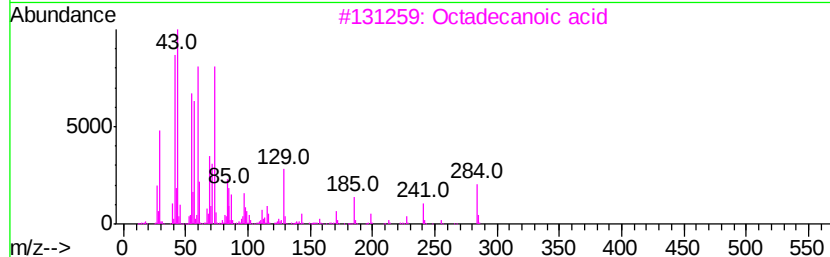
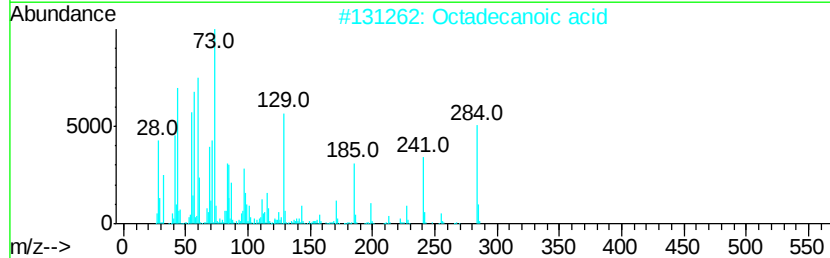
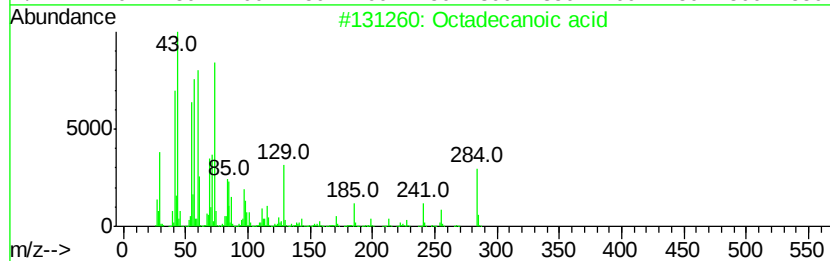
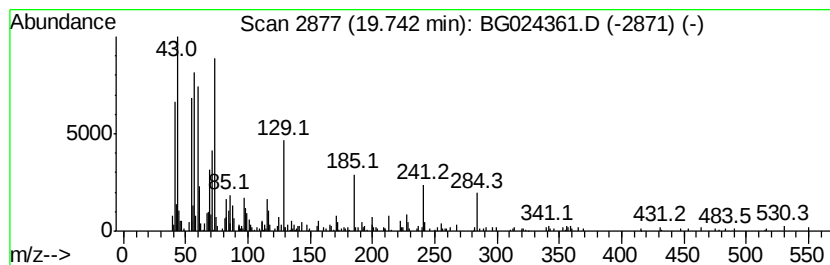
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.17 ng/ul	324754	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Octadecanoic acid	284	C18H36O2	000057-11-4	91
3			Octadecanoic acid	284	C18H36O2	000057-11-4	86
4			Pyrrole-2-carboxylic acid, 4-(1-...	339	C19H30ClNO2	1000295-53-6	60
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPC4

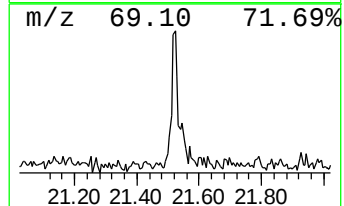
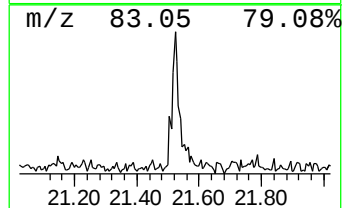
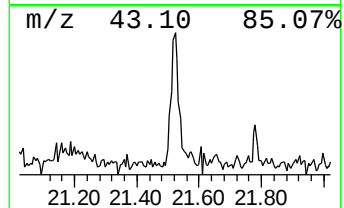
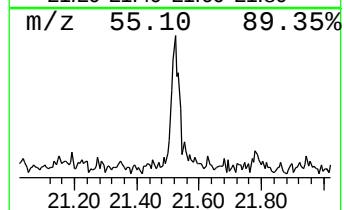
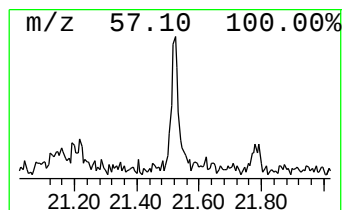
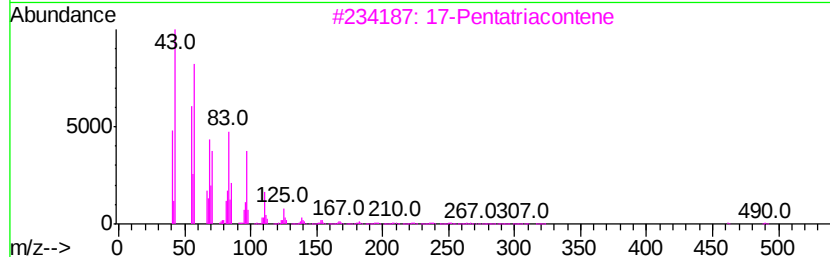
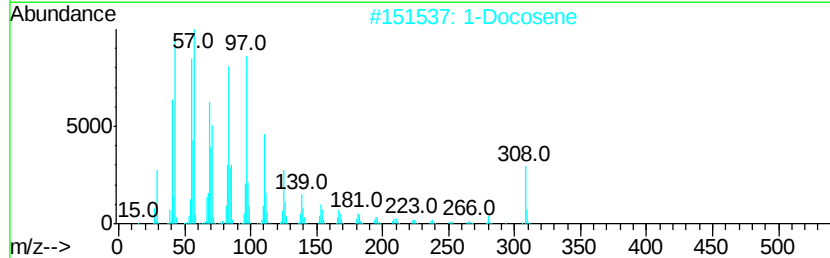
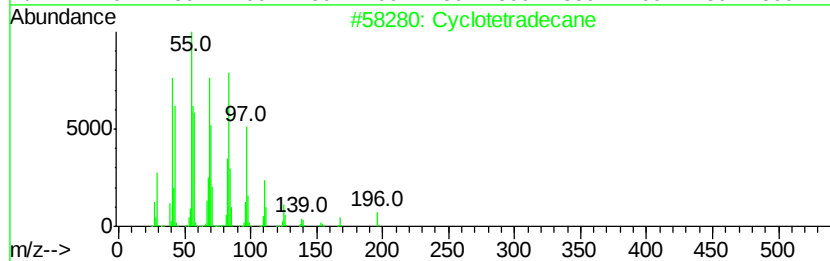
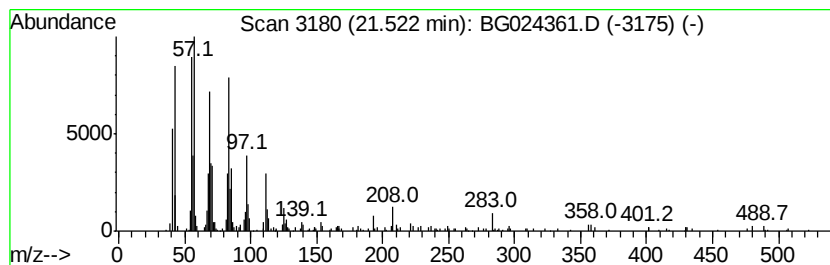
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.52 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.05 ng/ul	351196	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	94
2		1-Docosene	308	C22H44	001599-67-3	93
3		17-Pentatriacontene	491	C35H70	006971-40-0	93
4		1-Docosene	308	C22H44	001599-67-3	92
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	87



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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
1-Octadecanol	17.98	3.6	ng/ul	543751	4	17.64	2993760	20.0
n-Hexadecanoic acid	18.48	3.3	ng/ul	489590	4	17.64	2993760	20.0
(DEL) Alkane: Cyc...	19.33	7.2	ng/ul	1079650	4	17.64	2993760	20.0
Octadecanoic acid	19.74	2.2	ng/ul	324754	4	17.64	2993760	20.0
(DEL) Alkane: Cyc...	21.52	2.0	ng/ul	351196	5	21.93	3425080	20.0