

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024304.D
 Acq On : 12 Oct 2016 16:54
 Operator : UM/SJ
 Sample : H5145-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN84

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	3.641	133	136	144	rVB6	36559	69245	1.54%	0.120%
2	3.970	189	192	195	rVB5	12961	15202	0.34%	0.026%
3	4.416	265	268	274	rVB7	14186	29333	0.65%	0.051%
4	5.362	424	429	436	rVB5	29152	50154	1.12%	0.087%
5	6.332	591	594	597	rBV5	8080	11250	0.25%	0.019%
6	6.467	615	617	624	rBV8	7538	12174	0.27%	0.021%
7	6.713	657	659	666	rVB8	10265	16964	0.38%	0.029%
8	6.819	671	677	680	rBV8	13901	21141	0.47%	0.037%
9	6.907	686	692	698	rBV9	13029	31645	0.70%	0.055%
10	7.007	704	709	712	rBV6	10530	14938	0.33%	0.026%
11	7.213	741	744	749	rVB7	9104	12734	0.28%	0.022%
12	7.418	772	779	789	rBV	674255	1256884	27.97%	2.176%
13	7.606	803	811	820	rBV	465990	846880	18.85%	1.466%
14	7.812	838	846	856	rVV2	634044	1109916	24.70%	1.922%
15	8.082	888	892	897	rVB7	12854	23919	0.53%	0.041%
16	8.135	897	901	902	rBV3	10452	12935	0.29%	0.022%
17	8.288	917	927	941	rVB2	603888	1170027	26.04%	2.026%
18	8.376	941	942	947	rBV5	9189	14767	0.33%	0.026%
19	8.517	961	966	969	rBV6	8934	15190	0.34%	0.026%
20	8.805	1012	1015	1019	rVB6	9793	11132	0.25%	0.019%
21	8.975	1037	1044	1053	rBV2	756360	1345711	29.95%	2.330%
22	9.111	1064	1067	1071	rVB4	10006	11522	0.26%	0.020%
23	9.369	1107	1111	1117	rBV5	6670	13679	0.30%	0.024%
24	9.463	1119	1127	1134	rBV	679047	1263553	28.12%	2.188%
25	9.822	1183	1188	1193	rBV9	17837	40024	0.89%	0.069%
26	10.027	1216	1223	1225	rBV6	9779	16585	0.37%	0.029%
27	10.186	1243	1250	1263	rVV2	590753	1104468	24.58%	1.912%
28	10.374	1280	1282	1288	rVB7	12128	16978	0.38%	0.029%
29	10.720	1331	1341	1352	rBV	883371	1618453	36.02%	2.802%
30	11.032	1388	1394	1395	rBV5	6940	12623	0.28%	0.022%
31	11.120	1401	1409	1419	rBV	909534	1681176	37.41%	2.911%
32	11.243	1421	1430	1439	rBV	778763	1438438	32.01%	2.491%
33	11.402	1454	1457	1463	rVB8	9425	12809	0.29%	0.022%
34	11.467	1463	1468	1471	rVB6	10697	11250	0.25%	0.019%

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35	11.614	1489	1493	1498	rVB7	10226	19835	0.44%	0.034%
36	11.778	1519	1521	1526	rVB5	7191	11209	0.25%	0.019%
37	12.512	1644	1646	1651	rVB6	7265	11615	0.26%	0.020%
38	12.554	1651	1653	1657	rBV4	9570	15332	0.34%	0.027%
39	12.607	1660	1662	1667	rVB6	11349	13690	0.30%	0.024%
40	12.683	1667	1675	1683	rBV7	26816	59547	1.33%	0.103%
41	12.789	1687	1693	1695	rBV4	10414	16316	0.36%	0.028%
42	12.959	1717	1722	1723	rVB5	11230	13074	0.29%	0.023%
43	13.223	1766	1767	1770	rBV3	10039	11732	0.26%	0.020%
44	13.259	1770	1773	1775	rBV4	10216	14877	0.33%	0.026%
45	13.329	1782	1785	1787	rBV3	11650	12111	0.27%	0.021%
46	13.500	1807	1814	1819	rBV3	15141	26846	0.60%	0.046%
47	13.623	1832	1835	1840	rVB7	8428	17190	0.38%	0.030%
48	13.705	1844	1849	1853	rVB6	12849	19024	0.42%	0.033%
49	13.764	1853	1859	1867	rBV6	39197	78466	1.75%	0.136%
50	13.840	1867	1872	1879	rVV9	13747	25097	0.56%	0.043%
51	13.981	1894	1896	1904	rBV8	9499	18361	0.41%	0.032%
52	14.099	1909	1916	1924	rBV2	79646	131404	2.92%	0.228%
53	14.299	1941	1950	1954	rVV	1704066	2647846	58.92%	4.585%
54	14.346	1954	1958	1967	rVB	1148986	1661956	36.98%	2.878%
55	14.604	1993	2002	2013	rVB	1768733	2995090	66.65%	5.186%
56	14.763	2023	2029	2034	rBV4	43968	71643	1.59%	0.124%
57	14.827	2034	2040	2043	rBV7	9313	18892	0.42%	0.033%
58	14.904	2043	2053	2064	rVB	1634814	2620799	58.32%	4.538%
59	15.062	2070	2080	2092	rBV	865290	1436515	31.97%	2.487%
60	15.198	2099	2103	2104	rBV4	14084	18988	0.42%	0.033%
61	15.268	2110	2115	2119	rBV8	23879	44484	0.99%	0.077%
62	15.368	2129	2132	2140	rVB7	22477	47198	1.05%	0.082%
63	15.444	2140	2145	2150	rBV7	17513	34523	0.77%	0.060%
64	15.521	2157	2158	2164	rVB5	9171	11611	0.26%	0.020%
65	15.591	2167	2170	2173	rBV5	11714	15672	0.35%	0.027%
66	15.668	2178	2183	2185	rBV6	21788	24397	0.54%	0.042%
67	15.709	2185	2190	2195	rVB	123132	169002	3.76%	0.293%
68	15.756	2197	2198	2204	rBV5	13150	23096	0.51%	0.040%
69	15.891	2213	2221	2229	rVB	2460936	3944415	87.77%	6.829%
70	15.991	2231	2238	2248	rBV	837677	1263292	28.11%	2.187%
71	16.114	2250	2259	2267	rBV9	60316	178834	3.98%	0.310%

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72	16.208	2272	2275	2279	rVB5	19011	24990	0.56%	0.043%
73	16.261	2281	2284	2290	rBV5	30029	39266	0.87%	0.068%
74	16.332	2293	2296	2301	rVB7	21424	32223	0.72%	0.056%
75	16.531	2324	2330	2331	rVB6	11617	18666	0.42%	0.032%
76	16.567	2331	2336	2352	rBV	181420	369514	8.22%	0.640%
77	16.907	2390	2394	2396	rBV5	26564	40583	0.90%	0.070%
78	16.966	2401	2404	2407	rBV5	17300	20477	0.46%	0.035%
79	17.072	2419	2422	2425	rVB5	25709	29446	0.66%	0.051%
80	17.366	2466	2472	2477	rBV	486547	739981	16.47%	1.281%
81	17.518	2495	2498	2500	rBV4	14368	11909	0.27%	0.021%
82	17.642	2510	2519	2529	rBV	1892867	3085488	68.66%	5.342%
83	17.742	2529	2536	2547	rVB2	2548395	4103641	91.32%	7.105%
84	17.889	2558	2561	2569	rBV10	19560	40222	0.90%	0.070%
85	17.971	2571	2575	2579	rBV7	25426	47799	1.06%	0.083%
86	18.100	2592	2597	2603	rBV2	72242	112922	2.51%	0.196%
87	18.370	2636	2643	2647	rBV10	27564	57668	1.28%	0.100%
88	18.488	2659	2663	2670	rBV2	549839	746979	16.62%	1.293%
89	18.776	2710	2712	2717	rVB4	46933	56057	1.25%	0.097%
90	19.234	2786	2790	2794	rVB6	36182	58211	1.30%	0.101%
91	19.399	2816	2818	2821	rBV4	29165	30710	0.68%	0.053%
92	19.563	2839	2846	2848	rBV8	41494	89524	1.99%	0.155%
93	19.745	2873	2877	2887	rBV3	273599	425070	9.46%	0.736%
94	19.898	2901	2903	2910	rVB6	45589	61490	1.37%	0.106%
95	20.010	2915	2922	2934	rBV	3050388	4493795	100.00%	7.781%
96	21.525	3176	3180	3193	rVB3	250039	414821	9.23%	0.718%
97	21.943	3244	3251	3259	rVB	1996690	3434597	76.43%	5.947%
98	23.705	3547	3551	3557	rVB3	91562	175900	3.91%	0.305%
99	25.151	3786	3797	3811	rVB3	1436111	4382148	97.52%	7.587%
100	25.392	3827	3838	3853	rVB	1133993	3534289	78.65%	6.119%

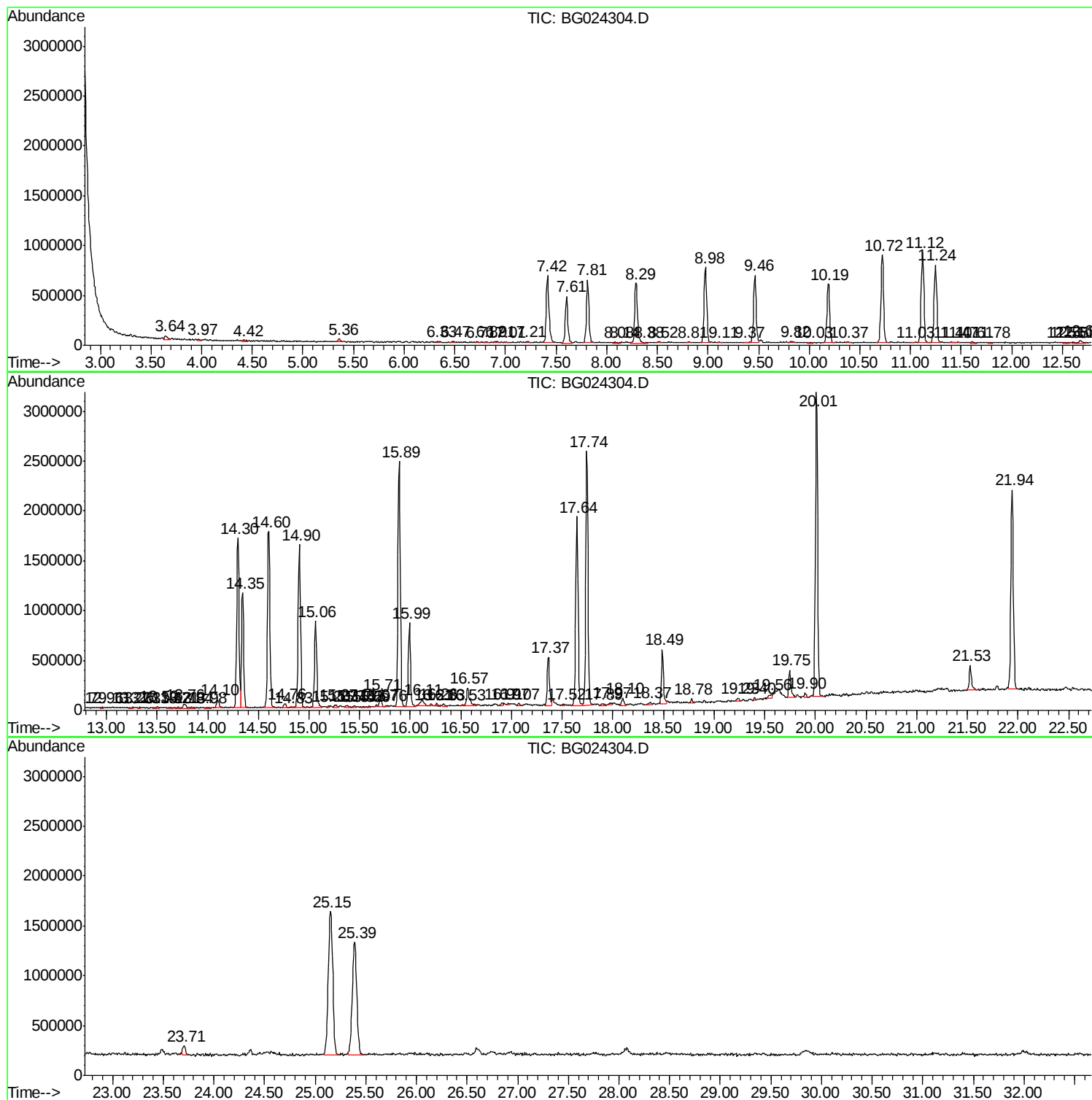
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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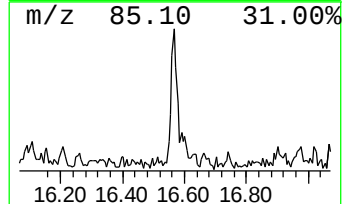
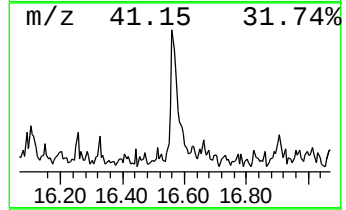
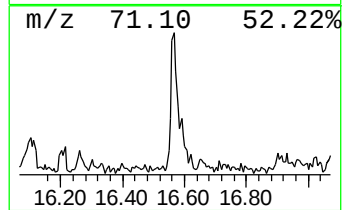
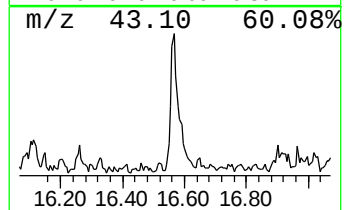
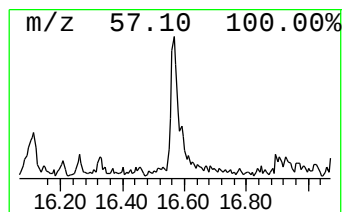
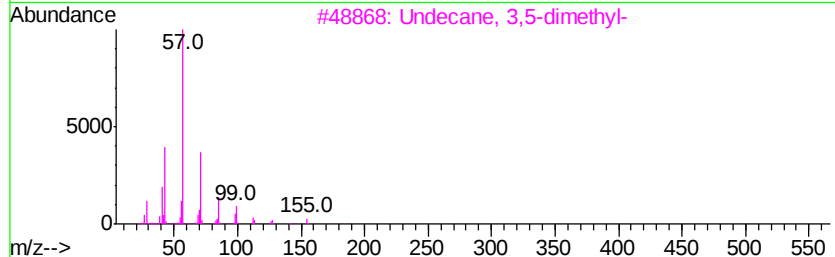
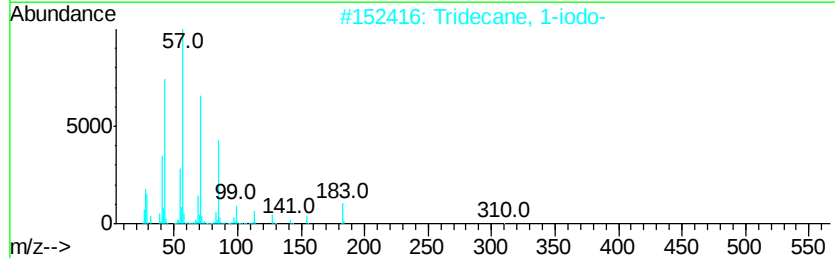
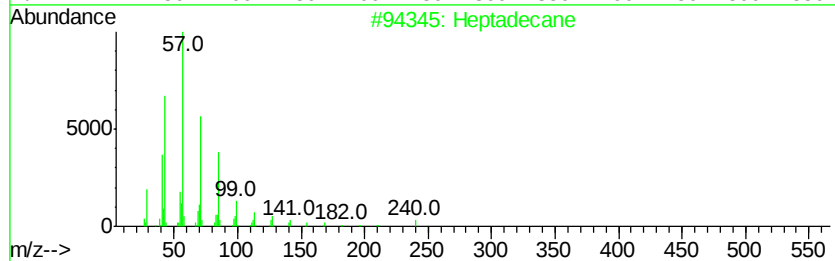
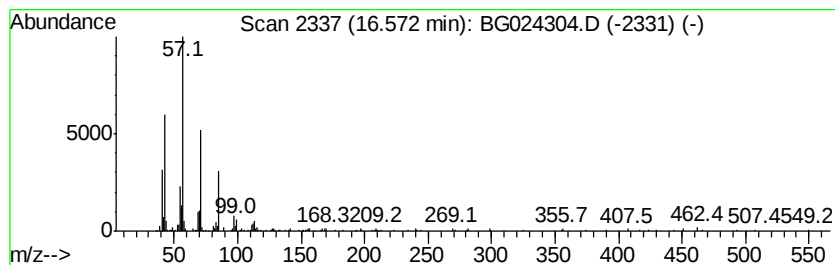
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	2.40 ng/ul	369514	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	74
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4		Dodecane	170	C12H26	000112-40-3	64
5		Decane, 5-propyl-	184	C13H28	017312-62-8	64



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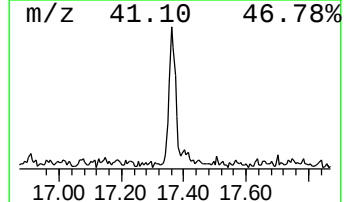
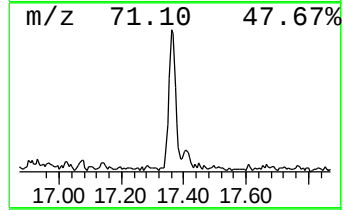
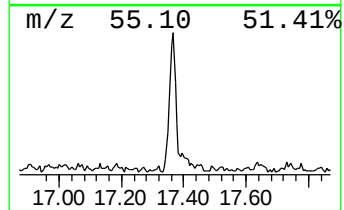
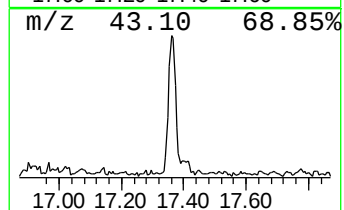
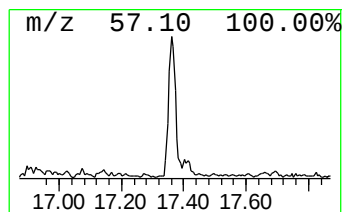
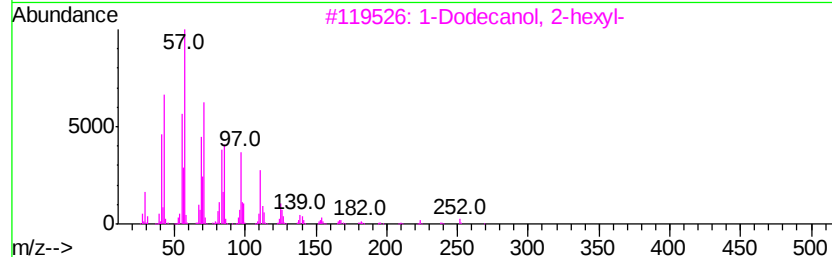
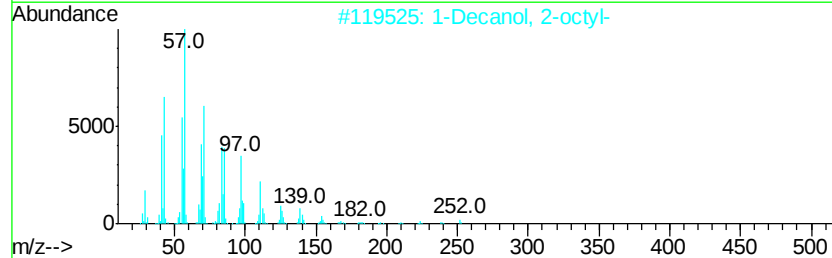
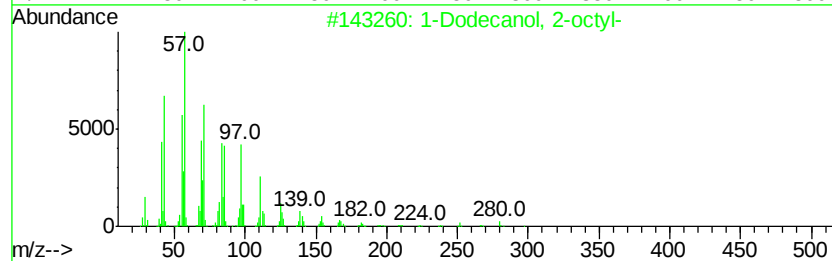
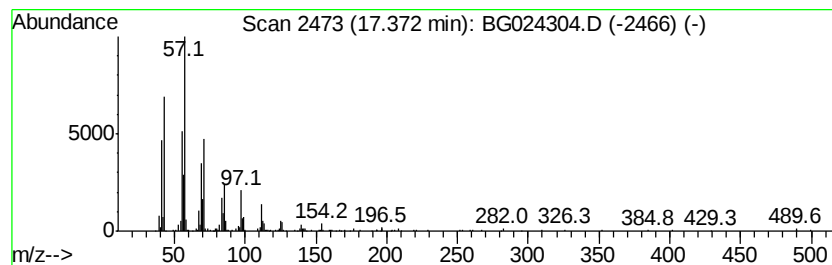
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Dodecanol, 2-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	4.80 ng/ul	739981	Phenanthrene-d10	17.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	90
3			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
4			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	80
5			Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	72



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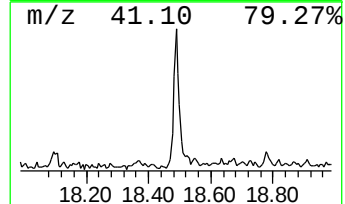
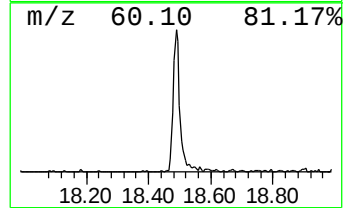
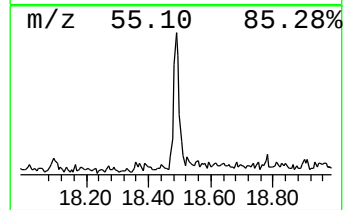
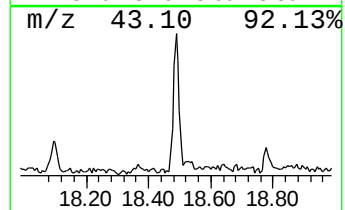
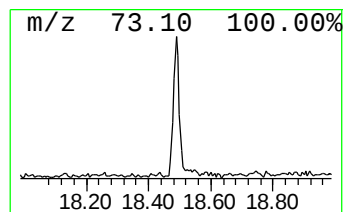
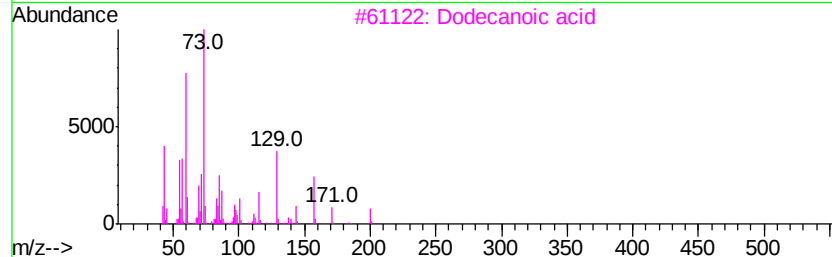
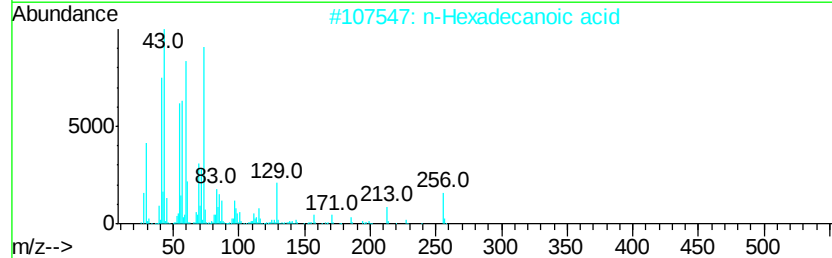
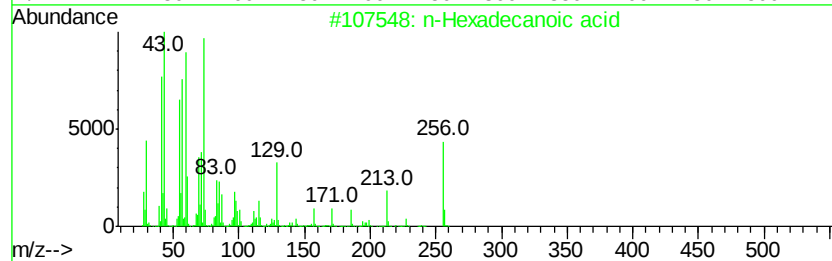
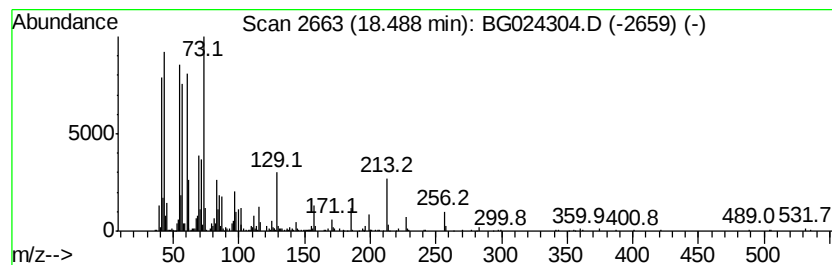
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.84 ng/ul	746979	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Dodecanoic acid	200	C12H24O2	000143-07-7	92
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
Data File : BG024304.D
Acq On : 12 Oct 2016 16:54
Operator : UM/SJ
Sample : H5145-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN84

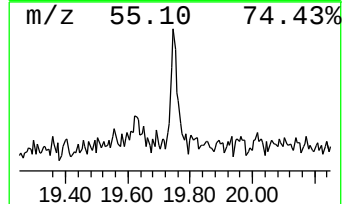
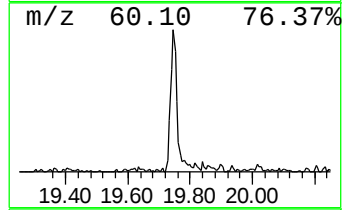
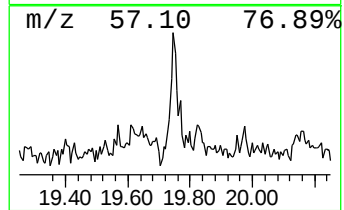
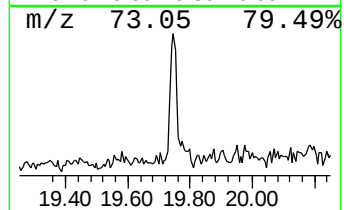
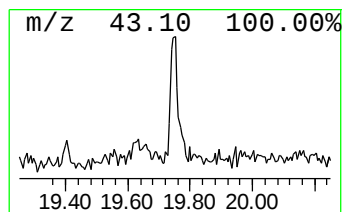
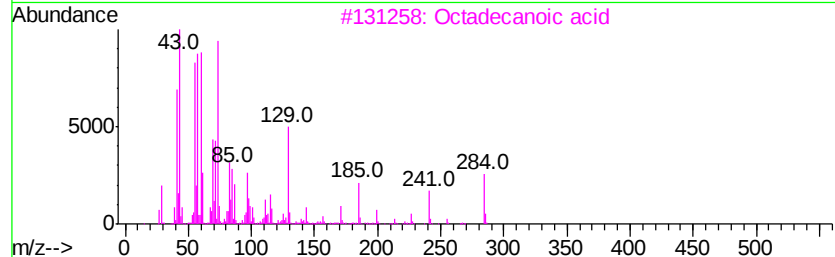
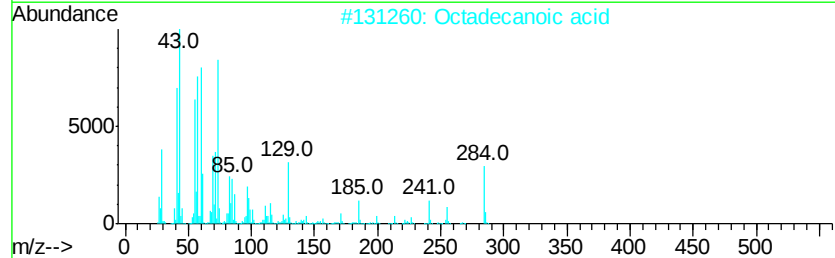
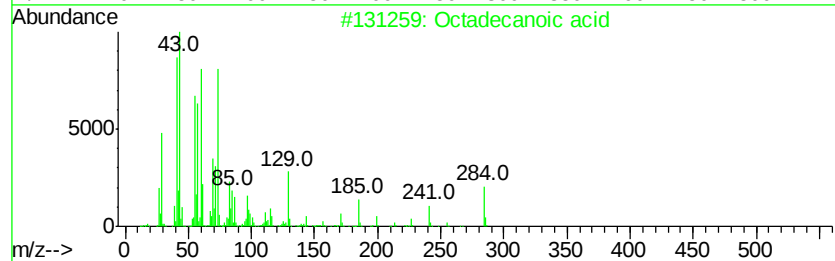
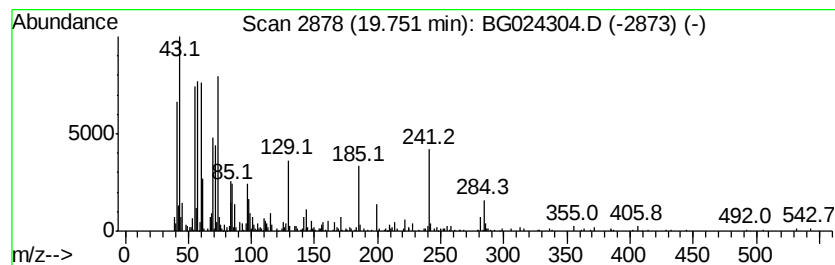
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.76 ng/ul	425070	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2		Octadecanoic acid	284	C18H36O2	000057-11-4	86
3		Octadecanoic acid	284	C18H36O2	000057-11-4	68
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
Data File : BG024304.D
Acq On : 12 Oct 2016 16:54
Operator : UM/SJ
Sample : H5145-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN84

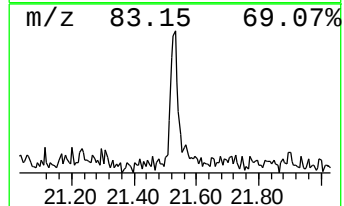
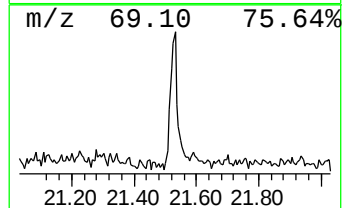
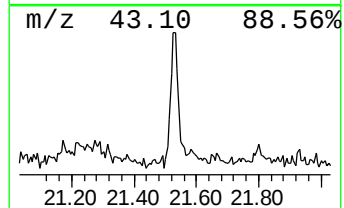
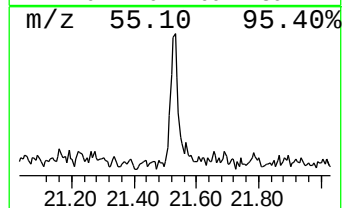
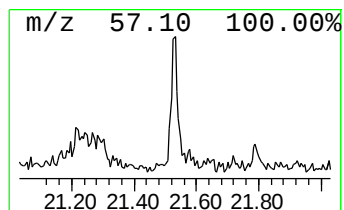
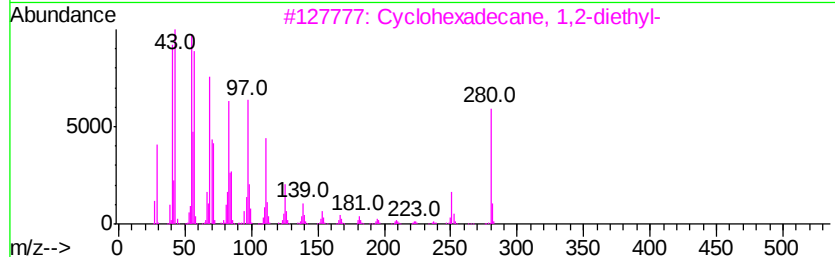
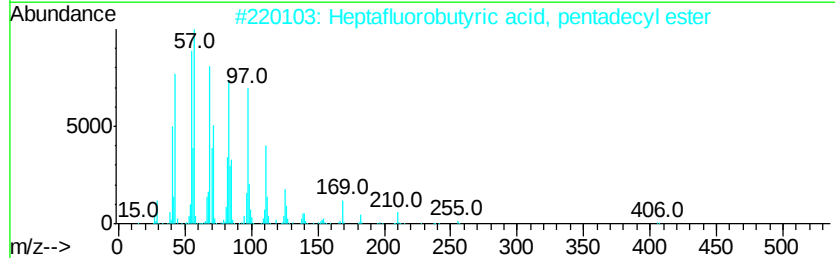
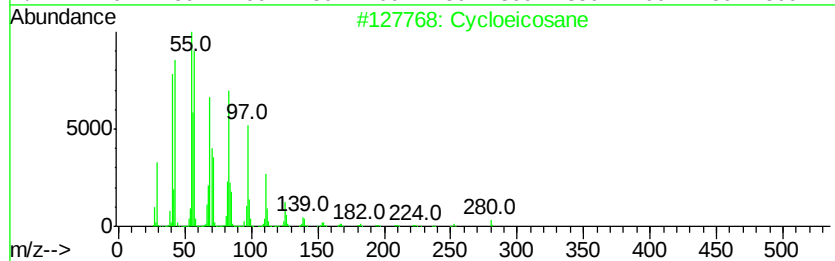
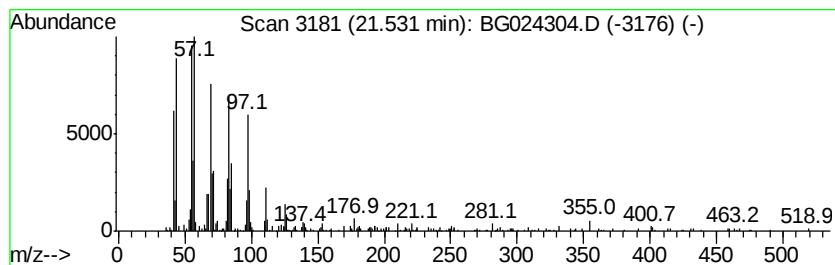
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.53 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.42 ng/ul	414821	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	93
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
3		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	90
4		Cyclohexadecane	224	C16H32	000295-65-8	86
5		8-Heptadecene	238	C17H34	002579-04-6	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101216\
Data File : BG024304.D
Acq On : 12 Oct 2016 16:54
Operator : UM/SJ
Sample : H5145-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN84

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
(DEL) Alkane: Str...	16.57	2.4	ng/ul	369514	4	17.65	3085490	20.0
1-Dodecanol, 2-oc...	17.37	4.8	ng/ul	739981	4	17.65	3085490	20.0
n-Hexadecanoic acid	18.49	4.8	ng/ul	746979	4	17.65	3085490	20.0
Octadecanoic acid	19.75	2.8	ng/ul	425070	4	17.65	3085490	20.0
(DEL) Alkane: Cyc...	21.53	2.4	ng/ul	414821	5	21.94	3434600	20.0