

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024326.D
 Acq On : 13 Oct 2016 18:34
 Operator : UM/SJ
 Sample : H5164-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNM5

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	3.649	133	138	145	rVB4	35226	57252	1.25%	0.091%
2	3.937	185	187	192	rBV6	11702	17804	0.39%	0.028%
3	4.295	247	248	252	rBV4	10027	13645	0.30%	0.022%
4	4.413	265	268	274	rVB4	12606	18472	0.40%	0.029%
5	4.566	288	294	295	rBV5	9929	16227	0.36%	0.026%
6	4.589	295	298	300	rBV3	10736	14576	0.32%	0.023%
7	4.624	302	304	309	rVB5	15976	15564	0.34%	0.025%
8	5.042	374	375	385	rVB9	11469	20031	0.44%	0.032%
9	5.171	392	397	400	rBV6	11569	21176	0.46%	0.034%
10	5.359	424	429	434	rBV4	31021	55001	1.20%	0.088%
11	5.647	469	478	481	rBV8	12825	28927	0.63%	0.046%
12	6.134	557	561	564	rVB4	7813	13629	0.30%	0.022%
13	6.264	579	583	584	rBV4	13210	14842	0.33%	0.024%
14	6.493	617	622	627	rBV7	13589	20266	0.44%	0.032%
15	7.221	741	746	756	rVB8	26507	71937	1.58%	0.115%
16	7.309	756	761	765	rBV7	9536	20674	0.45%	0.033%
17	7.415	770	779	791	rBV	737788	1336232	29.27%	2.127%
18	7.603	801	811	821	rVB	514219	880321	19.28%	1.401%
19	7.809	839	846	859	rVB	664953	1243567	27.24%	1.980%
20	7.915	862	864	870	rBV5	9223	14039	0.31%	0.022%
21	8.291	915	928	941	rVB	909436	1630585	35.72%	2.596%
22	8.819	1013	1018	1024	rVV10	12687	31500	0.69%	0.050%
23	8.925	1024	1036	1037	rVB10	11001	23707	0.52%	0.038%
24	8.972	1037	1044	1055	rBV2	767575	1395811	30.58%	2.222%
25	9.460	1119	1127	1134	rBV	707154	1336411	29.27%	2.127%
26	9.525	1134	1138	1147	rVB4	87292	134291	2.94%	0.214%
27	9.812	1179	1187	1193	rBV10	21848	53628	1.17%	0.085%
28	9.953	1205	1211	1214	rBV7	7484	15916	0.35%	0.025%
29	10.188	1240	1251	1259	rBV2	605076	1144350	25.07%	1.822%
30	10.365	1275	1281	1285	rBV8	13133	19804	0.43%	0.032%
31	10.717	1333	1341	1351	rBV2	866910	1653612	36.22%	2.632%
32	11.011	1389	1391	1396	rVB5	11110	14779	0.32%	0.024%
33	11.117	1396	1409	1419	rBV	1276006	2412176	52.84%	3.840%
34	11.246	1422	1431	1442	rBV2	543300	1059771	23.21%	1.687%

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35	11.839	1528	1532	1542	rBV8	22086	49258	1.08%	0.078%
36	12.304	1605	1611	1616	rVV8	14278	18117	0.40%	0.029%
37	12.415	1627	1630	1634	rVV4	9283	15412	0.34%	0.025%
38	12.550	1647	1653	1660	rVB4	13738	30735	0.67%	0.049%
39	12.597	1660	1661	1666	rBV4	13083	13332	0.29%	0.021%
40	12.680	1668	1675	1683	rBV6	27250	56126	1.23%	0.089%
41	12.891	1708	1711	1717	rVB7	8581	15508	0.34%	0.025%
42	13.015	1724	1732	1734	rBV6	10740	16037	0.35%	0.026%
43	13.261	1768	1774	1781	rVV6	15647	34101	0.75%	0.054%
44	13.496	1809	1814	1819	rBV4	26809	54407	1.19%	0.087%
45	13.767	1854	1860	1865	rBV	56326	87962	1.93%	0.140%
46	14.008	1897	1901	1904	rBV3	11514	14572	0.32%	0.023%
47	14.107	1913	1918	1921	rVB7	12185	21283	0.47%	0.034%
48	14.295	1942	1950	1954	rBV	1610381	2466920	54.04%	3.927%
49	14.342	1954	1958	1968	rVB	1411608	2015871	44.16%	3.209%
50	14.525	1979	1989	1994	rBV	12221	40802	0.89%	0.065%
51	14.601	1994	2002	2011	rVV	1756288	2850816	62.45%	4.538%
52	14.754	2024	2028	2036	rBV3	34223	52176	1.14%	0.083%
53	14.901	2043	2053	2062	rBV	2117407	3441414	75.39%	5.478%
54	15.065	2070	2081	2091	rBV	777562	1312527	28.75%	2.089%
55	15.206	2101	2105	2109	rBV6	13873	25131	0.55%	0.040%
56	15.259	2109	2114	2120	rVV8	34226	51733	1.13%	0.082%
57	15.318	2120	2124	2126	rVB4	21676	29917	0.66%	0.048%
58	15.365	2126	2132	2140	rBV9	22847	67576	1.48%	0.108%
59	15.441	2140	2145	2147	rBV5	16860	19261	0.42%	0.031%
60	15.664	2178	2183	2186	rBV3	35644	57734	1.26%	0.092%
61	15.706	2186	2190	2195	rVB	119013	159217	3.49%	0.253%
62	15.753	2195	2198	2200	rBV4	17051	20238	0.44%	0.032%
63	15.823	2204	2210	2213	rBV8	15107	36341	0.80%	0.058%
64	15.888	2213	2221	2230	rVB	2277219	3688819	80.80%	5.872%
65	15.993	2232	2239	2246	rBV	741364	1155938	25.32%	1.840%
66	16.111	2250	2259	2269	rBV10	63091	194984	4.27%	0.310%
67	16.199	2271	2274	2281	rVB5	22084	35434	0.78%	0.056%
68	16.258	2281	2284	2290	rBV4	38781	52531	1.15%	0.084%
69	16.322	2293	2295	2305	rVB9	23651	38300	0.84%	0.061%
70	16.411	2305	2310	2314	rBV8	9827	21968	0.48%	0.035%
71	16.563	2331	2336	2346	rVV2	153265	284936	6.24%	0.454%

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72	16.845	2381	2384	2389	rVB7	14865	16801	0.37%	0.027%
73	16.910	2391	2395	2397	rBV5	23263	35368	0.77%	0.056%
74	17.139	2431	2434	2436	rBV4	19257	15168	0.33%	0.024%
75	17.357	2466	2471	2475	rBV	101287	141071	3.09%	0.225%
76	17.404	2476	2479	2488	rVB7	31174	68032	1.49%	0.108%
77	17.515	2496	2498	2504	rVB7	24668	36405	0.80%	0.058%
78	17.644	2511	2520	2530	rBV2	2380520	3848606	84.30%	6.127%
79	17.744	2530	2537	2547	rVB	2354462	3814906	83.57%	6.073%
80	17.832	2548	2552	2556	rBV6	10272	15813	0.35%	0.025%
81	17.985	2571	2578	2587	rBV2	420863	664536	14.56%	1.058%
82	18.091	2593	2596	2602	rBV2	51192	56193	1.23%	0.089%
83	18.232	2617	2620	2622	rBV4	14338	14221	0.31%	0.023%
84	18.379	2640	2645	2649	rBV7	13245	25908	0.57%	0.041%
85	18.432	2649	2654	2659	rBV3	99036	145713	3.19%	0.232%
86	18.490	2659	2664	2674	rVV	628316	897998	19.67%	1.430%
87	18.784	2710	2714	2718	rVB6	34399	48389	1.06%	0.077%
88	18.908	2732	2735	2741	rVB8	21272	31512	0.69%	0.050%
89	19.013	2752	2753	2756	rBV3	13151	13890	0.30%	0.022%
90	19.337	2804	2808	2815	rBV7	91493	142469	3.12%	0.227%
91	19.630	2850	2858	2869	rBV7	205360	547660	12.00%	0.872%
92	19.748	2873	2878	2884	rBV2	260300	376675	8.25%	0.600%
93	19.906	2900	2905	2908	rBV6	38247	67307	1.47%	0.107%
94	20.012	2916	2923	2933	rVB	2878398	4426305	96.96%	7.046%
95	20.471	2999	3001	3003	rBV3	33230	39684	0.87%	0.063%
96	21.528	3176	3181	3191	rBV3	363338	604034	13.23%	0.962%
97	21.939	3244	3251	3262	rVB	2544355	4486003	98.27%	7.141%
98	22.750	3385	3389	3399	rVB9	102753	205725	4.51%	0.327%
99	25.147	3786	3797	3812	rVB2	1333339	4098659	89.78%	6.525%
100	25.388	3827	3838	3853	rVB3	1453958	4565109	100.00%	7.267%

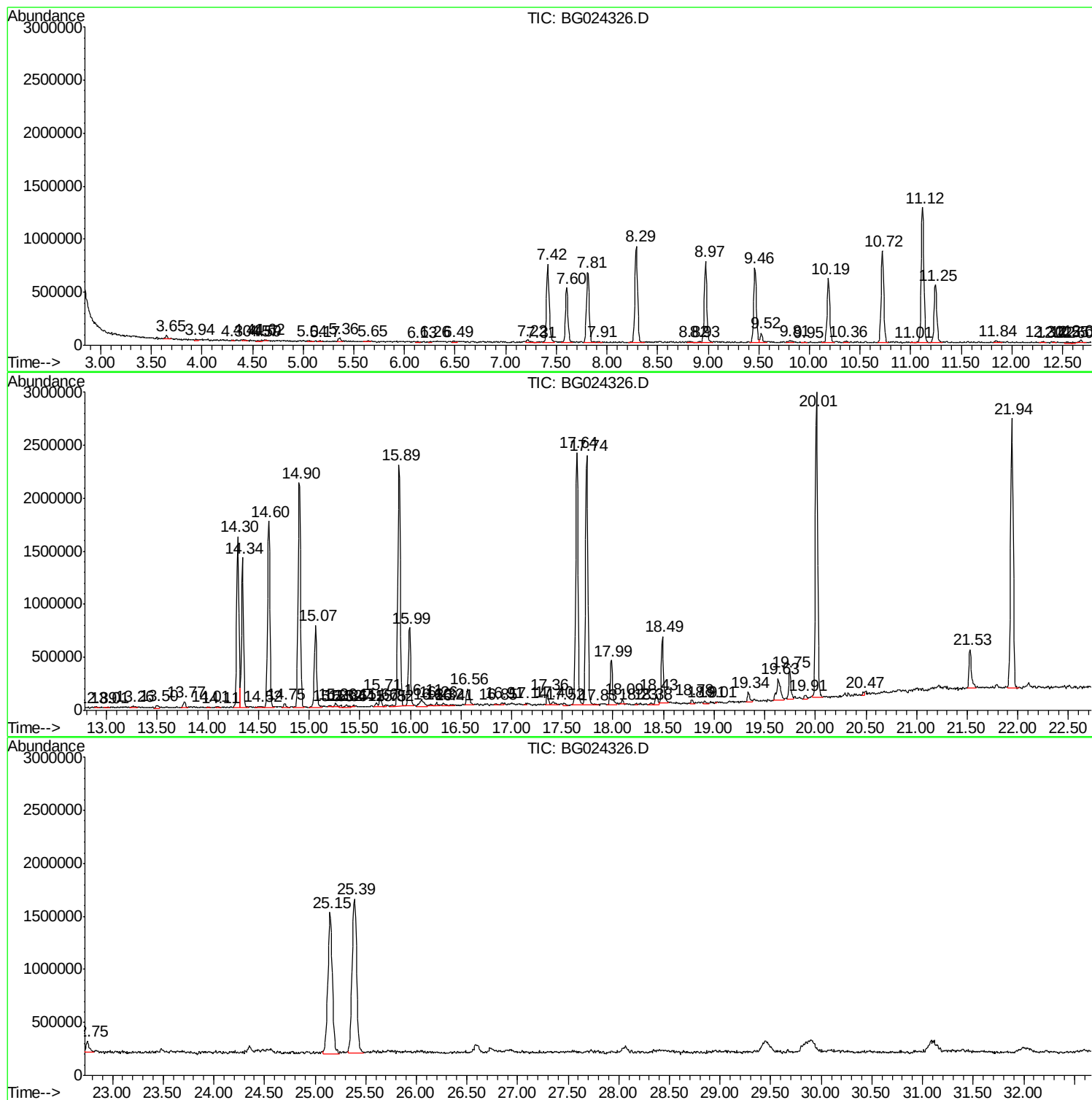
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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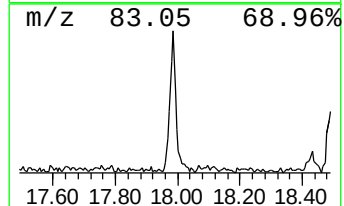
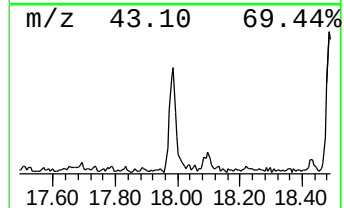
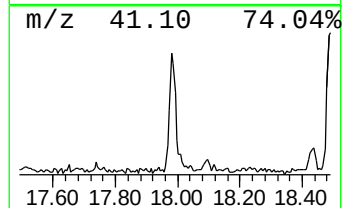
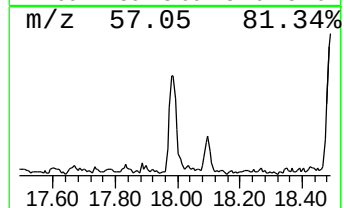
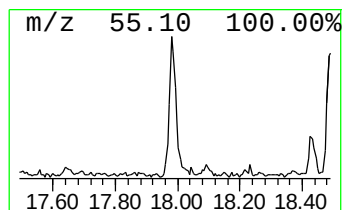
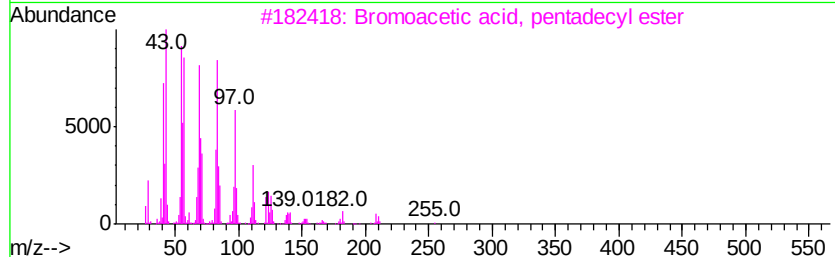
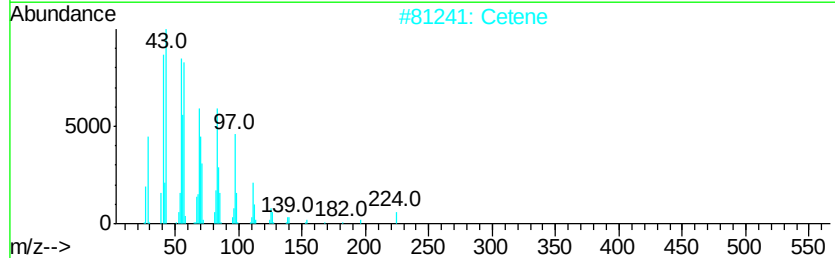
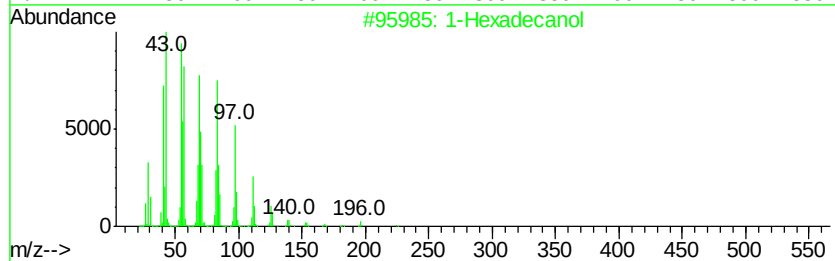
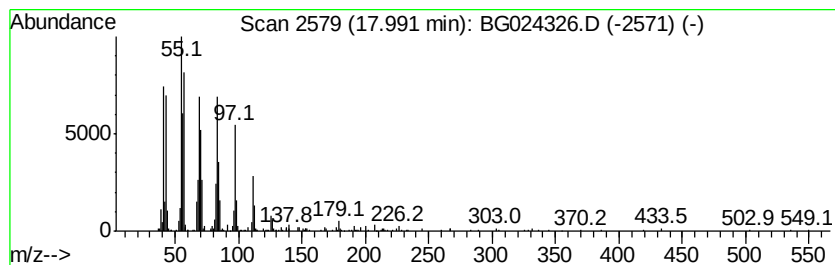
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Hexadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.99	3.45 ng/ul	664536	Phenanthrene-d10	17.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol		242	C16H34O	036653-82-4	94
2	Cetene		224	C16H32	000629-73-2	92
3	Bromoacetic acid, pentadecyl ester		348	C17H33BrO2	131143-01-6	91
4	Cyclotetradecane		196	C14H28	000295-17-0	89
5	3-Eicosene, (E)-		280	C20H40	074685-33-9	89



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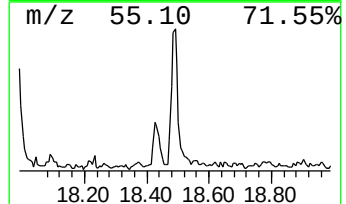
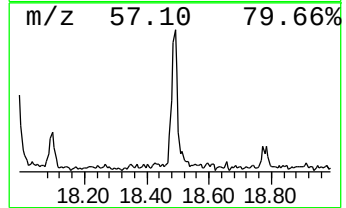
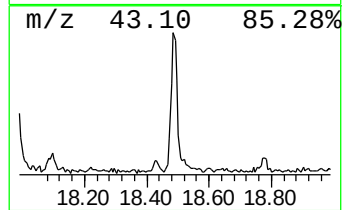
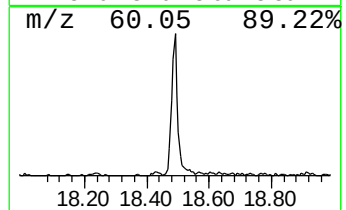
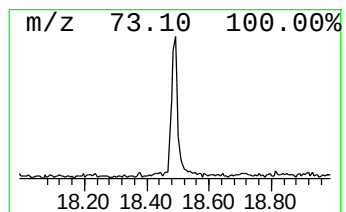
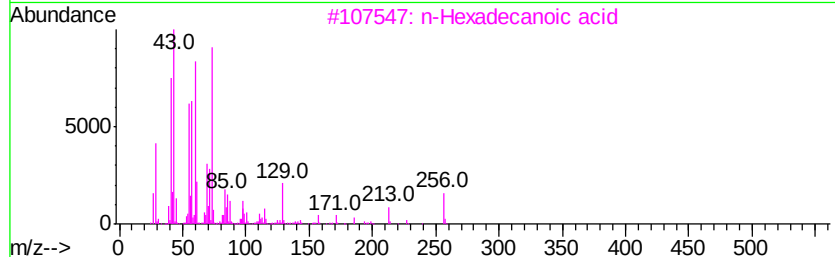
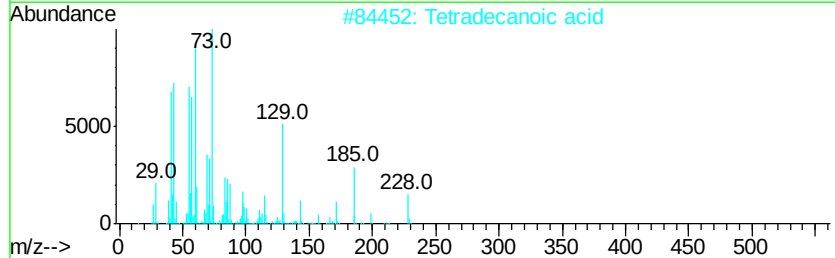
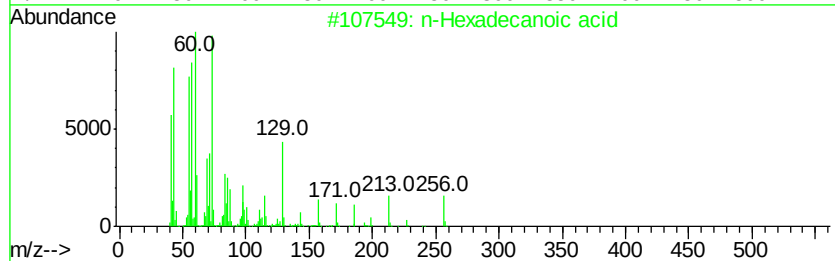
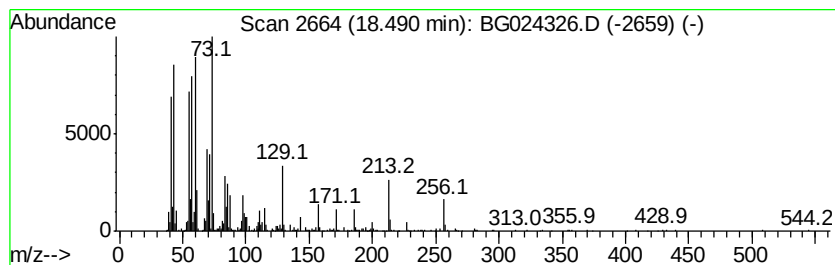
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.49	4.67 ng/ul	897998	Phenanthrene-d10		17.64		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Tridecanoic acid	214	C13H26O2	000638-53-9	87



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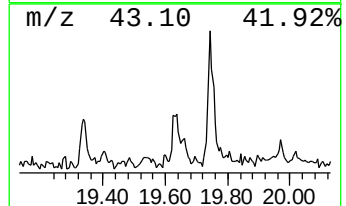
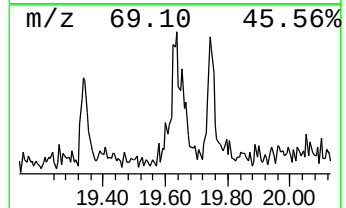
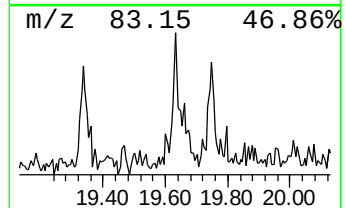
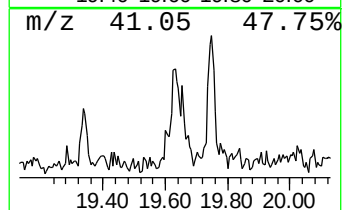
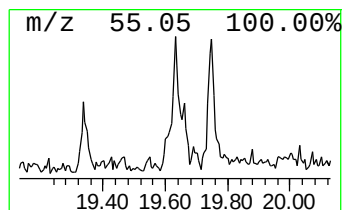
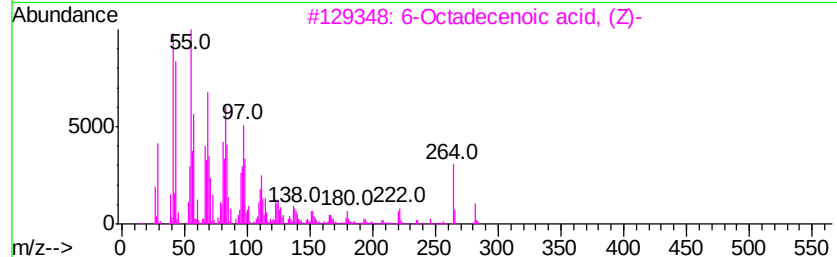
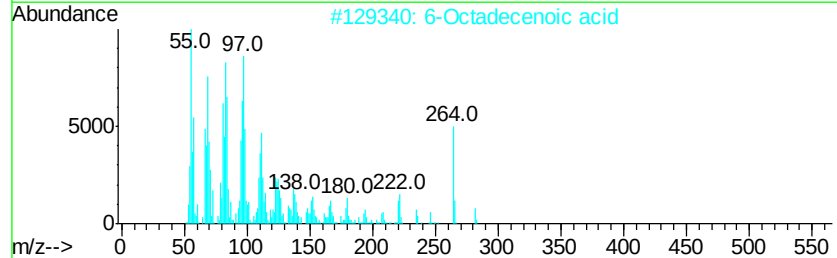
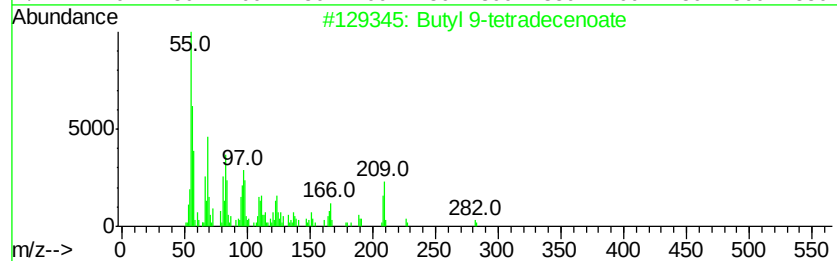
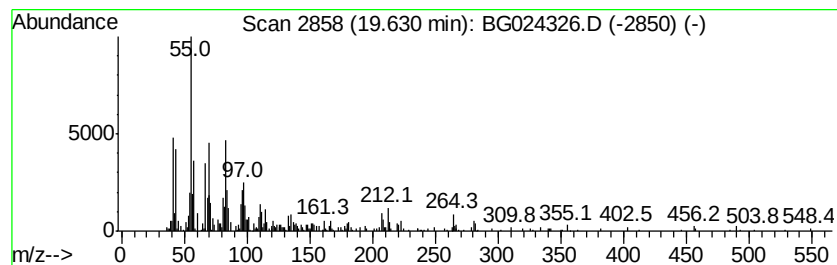
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Peak Number 3 Butyl 9-tetradecenoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.63	2.85 ng/ul	547660	Phenanthrene-d10	17.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butyl 9-tetradecenoate	282	C18H34O2	1000336-51-4	80
2		6-Octadecenoic acid	282	C18H34O2	1000336-66-8	78
3		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	70
4		Silane, trimethyl[(6-phenoxyhexy...	266	C15H26O2Si	016654-55-0	64
5		Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	62



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024326.D
Acq On : 13 Oct 2016 18:34
Operator : UM/SJ
Sample : H5164-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

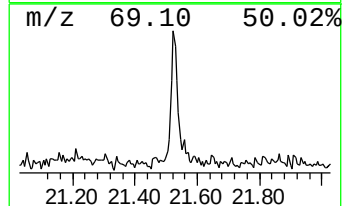
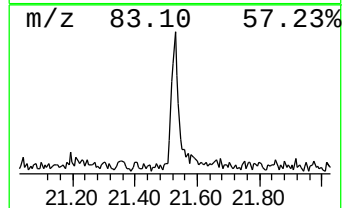
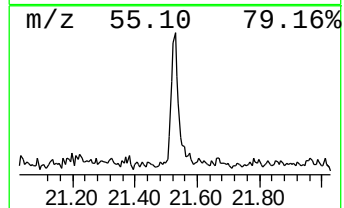
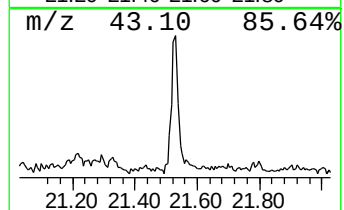
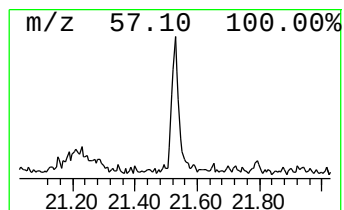
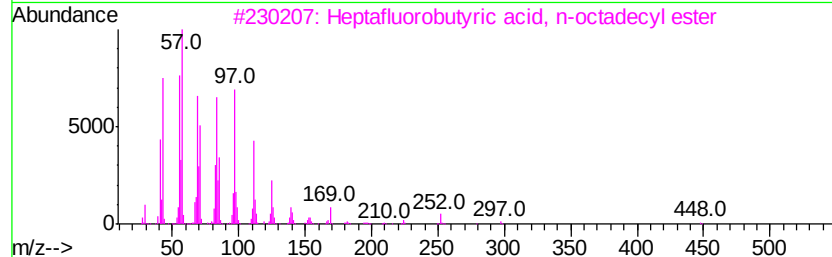
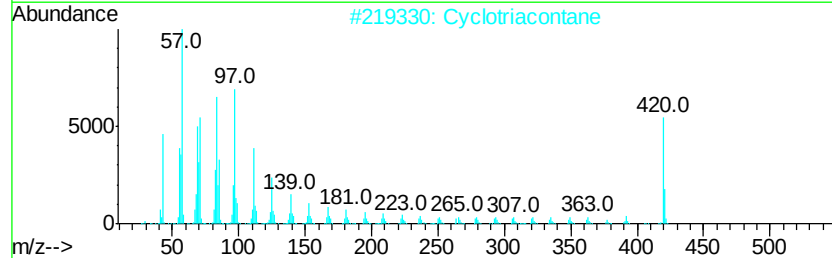
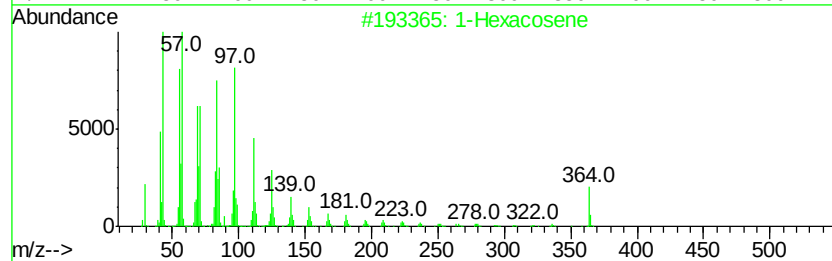
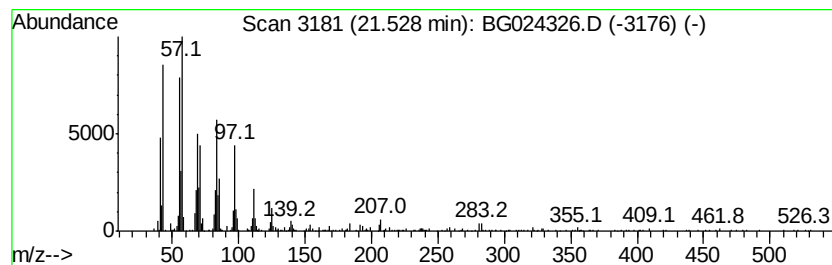
Instrument :
BNA_G
ClientSampleId :
BDNM5

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 4 (DEL) Alkane: Cyclic21.53 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.53	2.69 ng/ul	604034	Chrysene-d12	21.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexacosene	364	C26H52	018835-33-1	97
2		Cyclotriacontane	420	C30H60	000297-35-8	93
3		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
4		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	90
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM5

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-Hexadecanol	17.99	3.5	ng/ul	664536	4	17.64	3848610	20.0
n-Hexadecanoic acid	18.49	4.7	ng/ul	897998	4	17.64	3848610	20.0
Butyl 9-tetradec...	19.63	2.9	ng/ul	547660	4	17.64	3848610	20.0
(DEL) Alkane: Cyc...	21.53	2.7	ng/ul	604034	5	21.94	4486000	20.0