

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
 Data File : BG024283.D
 Acq On : 12 Oct 2016 2:39
 Operator : UM/SJ
 Sample : H5113-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP58

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	3.560	120	123	126	rVB5	18103	18835	0.50%	0.040%
2	3.648	134	138	144	rBV6	27568	43833	1.17%	0.093%
3	3.824	166	168	172	rBV4	9806	13541	0.36%	0.029%
4	4.130	218	220	223	rBV4	11395	14385	0.38%	0.030%
5	4.418	265	269	274	rVB8	15608	26228	0.70%	0.056%
6	4.770	326	329	331	rVB4	14229	16840	0.45%	0.036%
7	5.346	423	427	432	rBV7	9840	19100	0.51%	0.040%
8	5.904	517	522	524	rBV4	15445	21234	0.57%	0.045%
9	6.592	635	639	647	rVB10	8824	16456	0.44%	0.035%
10	7.091	721	724	729	rBV4	9958	16245	0.43%	0.034%
11	7.162	730	736	739	rVV7	8701	14369	0.38%	0.030%
12	7.209	739	744	752	rVV8	13616	36963	0.99%	0.078%
13	7.414	771	779	792	rBV	506046	971825	25.93%	2.056%
14	7.602	804	811	822	rVB	338963	617718	16.48%	1.307%
15	7.814	839	847	857	rBV2	475604	834182	22.26%	1.765%
16	7.949	865	870	873	rBV4	10900	17017	0.45%	0.036%
17	7.996	877	878	886	rVB8	6539	13035	0.35%	0.028%
18	8.184	906	910	914	rVV6	8816	14824	0.40%	0.031%
19	8.290	920	928	939	rVB	562565	1013180	27.04%	2.144%
20	8.513	961	966	968	rBV6	10241	13894	0.37%	0.029%
21	8.783	1009	1012	1016	rBV6	9714	13499	0.36%	0.029%
22	8.895	1026	1031	1035	rBV7	7086	14706	0.39%	0.031%
23	8.977	1035	1045	1057	rVB2	580555	1039644	27.74%	2.200%
24	9.083	1061	1063	1070	rVB8	11264	22984	0.61%	0.049%
25	9.465	1120	1128	1134	rBV2	470329	883241	23.57%	1.869%
26	9.518	1135	1137	1141	rVB4	22418	28404	0.76%	0.060%
27	9.764	1176	1179	1185	rVB5	11021	24120	0.64%	0.051%
28	9.817	1185	1188	1192	rBV6	18842	29670	0.79%	0.063%
29	10.188	1242	1251	1262	rBV	403043	771278	20.58%	1.632%
30	10.364	1276	1281	1289	rBV9	10256	24494	0.65%	0.052%
31	10.722	1334	1342	1351	rBV	608864	1121794	29.94%	2.374%
32	11.122	1400	1410	1417	rVV	747985	1418203	37.85%	3.001%
33	11.245	1424	1431	1443	rVB	544188	1067261	28.48%	2.258%
34	11.603	1486	1492	1495	rBV7	8624	13782	0.37%	0.029%

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35	11.844	1529	1533	1538	rBV6	12532	24338	0.65%	0.052%
36	12.091	1573	1575	1578	rBV4	11447	15296	0.41%	0.032%
37	12.320	1605	1614	1619	rVB10	10946	28488	0.76%	0.060%
38	12.614	1661	1664	1668	rBV4	9049	16228	0.43%	0.034%
39	12.673	1668	1674	1683	rVB4	14858	33740	0.90%	0.071%
40	12.761	1683	1689	1694	rVB4	16512	28507	0.76%	0.060%
41	12.814	1694	1698	1701	rBV5	9299	15580	0.42%	0.033%
42	13.102	1743	1747	1751	rBV7	9257	16098	0.43%	0.034%
43	13.143	1751	1754	1759	rVV6	13042	23132	0.62%	0.049%
44	13.190	1759	1762	1768	rVV6	10259	16912	0.45%	0.036%
45	13.255	1768	1773	1780	rVB10	16122	29608	0.79%	0.063%
46	13.513	1813	1817	1820	rVB6	12948	19356	0.52%	0.041%
47	13.777	1857	1862	1868	rBV5	34413	60117	1.60%	0.127%
48	14.300	1939	1951	1955	rVV	1218000	1879534	50.16%	3.977%
49	14.347	1955	1959	1969	rVB	892871	1307913	34.90%	2.768%
50	14.600	1993	2002	2012	rBV	1268092	2057358	54.90%	4.354%
51	14.765	2024	2030	2034	rBV4	28692	46893	1.25%	0.099%
52	14.906	2039	2054	2063	rVB	1343339	2192615	58.51%	4.640%
53	15.064	2073	2081	2093	rBV2	656191	1074569	28.68%	2.274%
54	15.205	2100	2105	2111	rBV10	13153	27072	0.72%	0.057%
55	15.270	2111	2116	2122	rBV3	92663	135547	3.62%	0.287%
56	15.370	2130	2133	2139	rBV7	16209	36164	0.97%	0.077%
57	15.440	2140	2145	2152	rVB10	12269	31899	0.85%	0.068%
58	15.663	2180	2183	2186	rBV3	13927	17828	0.48%	0.038%
59	15.705	2186	2190	2197	rVB2	88683	125497	3.35%	0.266%
60	15.893	2209	2222	2230	rBV	1757350	2812199	75.05%	5.951%
61	15.992	2233	2239	2250	rVB	586537	919198	24.53%	1.945%
62	16.122	2251	2261	2270	rVB9	42048	121417	3.24%	0.257%
63	16.204	2273	2275	2279	rVB5	18270	18510	0.49%	0.039%
64	16.263	2281	2285	2288	rBV5	19327	27346	0.73%	0.058%
65	16.521	2324	2329	2332	rBV7	12417	24020	0.64%	0.051%
66	16.568	2332	2337	2349	rVV	145928	256149	6.84%	0.542%
67	16.686	2353	2357	2362	rVB8	12635	25788	0.69%	0.055%
68	16.750	2366	2368	2373	rVB6	13803	21106	0.56%	0.045%
69	16.839	2378	2383	2390	rVV6	19406	35583	0.95%	0.075%
70	16.903	2391	2394	2403	rBV6	20018	45482	1.21%	0.096%
71	16.997	2403	2410	2420	rBV6	63841	124731	3.33%	0.264%

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72	17.079	2421	2424	2429	rVB6	17062	23490	0.63%	0.050%
73	17.144	2433	2435	2439	rBV5	16971	18740	0.50%	0.040%
74	17.361	2467	2472	2476	rBV	81421	111633	2.98%	0.236%
75	17.414	2478	2481	2490	rVB9	30411	56498	1.51%	0.120%
76	17.497	2492	2495	2499	rBV6	11834	17105	0.46%	0.036%
77	17.561	2503	2506	2511	rVB7	13378	15068	0.40%	0.032%
78	17.643	2511	2520	2529	rBV2	1722817	2818423	75.21%	5.964%
79	17.743	2531	2537	2545	rVB2	1997484	3177663	84.80%	6.724%
80	17.890	2560	2562	2566	rBV5	13616	14866	0.40%	0.031%
81	17.990	2573	2579	2588	rBV5	32484	61386	1.64%	0.130%
82	18.096	2591	2597	2605	rBV10	32316	56531	1.51%	0.120%
83	18.378	2639	2645	2650	rBV10	45710	91095	2.43%	0.193%
84	18.431	2650	2654	2659	rVV5	51539	80179	2.14%	0.170%
85	18.490	2659	2664	2674	rVV	554964	805157	21.49%	1.704%
86	18.789	2710	2715	2717	rBV6	19020	28983	0.77%	0.061%
87	19.030	2753	2756	2758	rBV4	12134	13721	0.37%	0.029%
88	19.148	2773	2776	2778	rBV3	16888	23328	0.62%	0.049%
89	19.230	2786	2790	2794	rBV6	26501	39313	1.05%	0.083%
90	19.635	2850	2859	2867	rBV10	135314	306872	8.19%	0.649%
91	19.747	2873	2878	2890	rBV3	293207	452247	12.07%	0.957%
92	20.011	2917	2923	2934	rVB	2594478	3747254	100.00%	7.930%
93	20.293	2968	2971	2974	rBV	235783	261173	6.97%	0.553%
94	20.334	2974	2978	2983	rVB	302506	364850	9.74%	0.772%
95	21.304	3139	3143	3146	rBV4	80742	120244	3.21%	0.254%
96	21.339	3147	3149	3156	rVB2	115615	156608	4.18%	0.331%
97	21.527	3177	3181	3194	rVB6	266211	476626	12.72%	1.009%
98	21.944	3245	3252	3261	rVB	1824798	3248511	86.69%	6.874%
99	25.152	3787	3798	3811	rVB2	1147139	3422440	91.33%	7.242%
100	25.387	3828	3838	3852	rVB	1084834	3327782	88.81%	7.042%

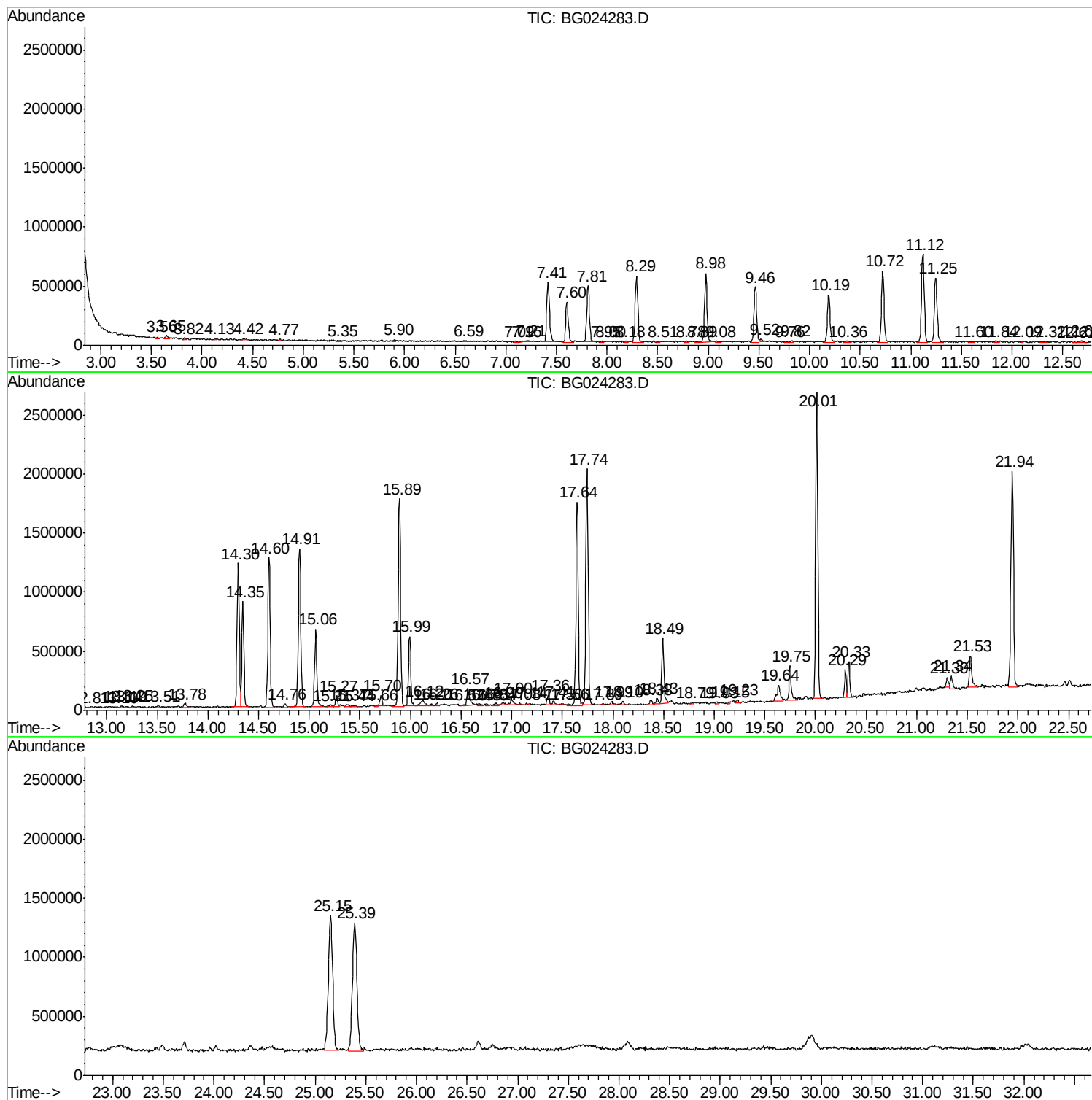
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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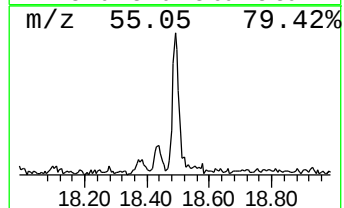
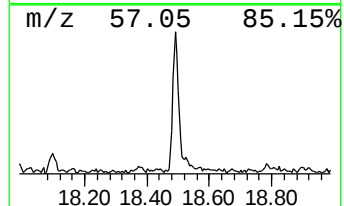
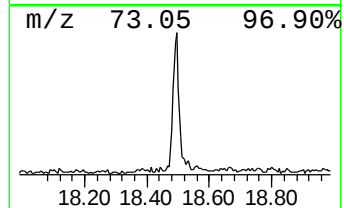
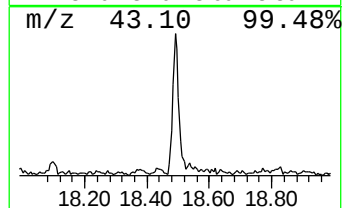
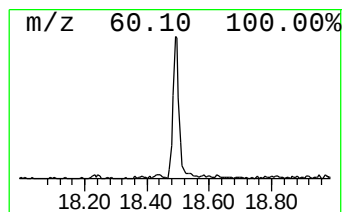
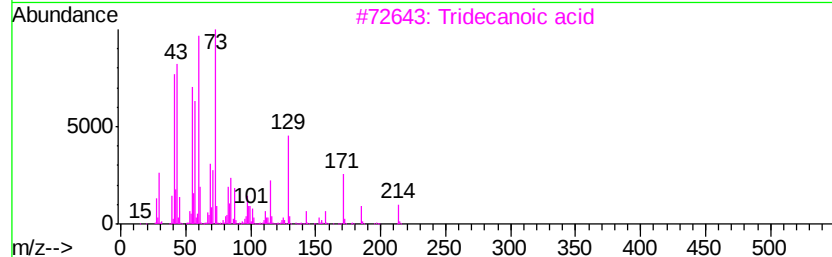
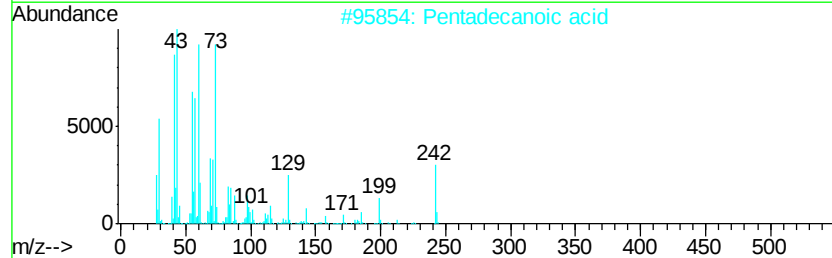
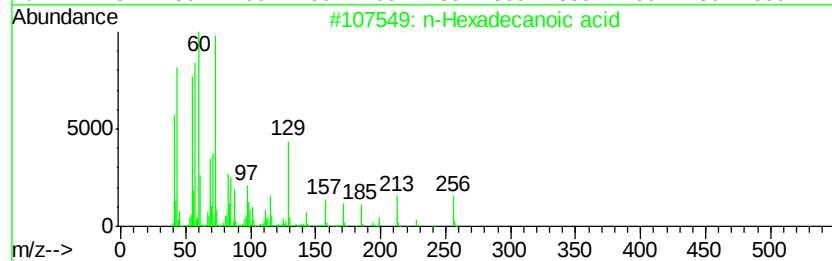
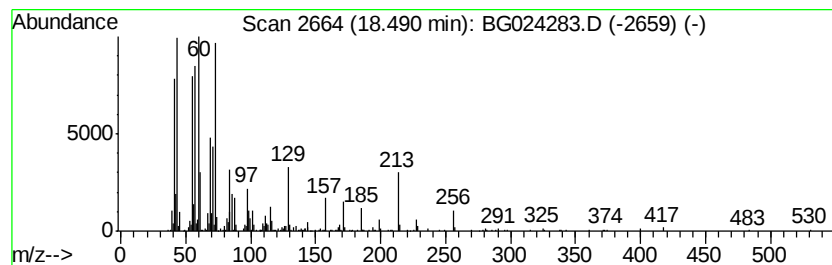
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	5.71 ng/ul	805157	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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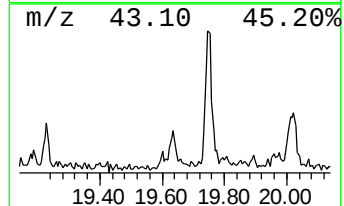
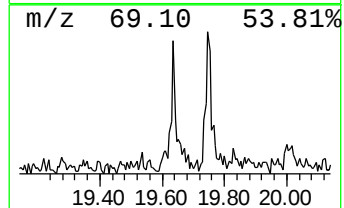
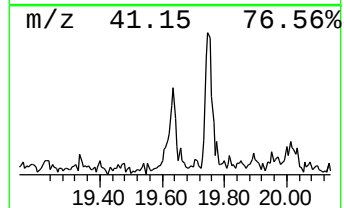
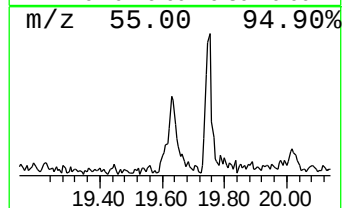
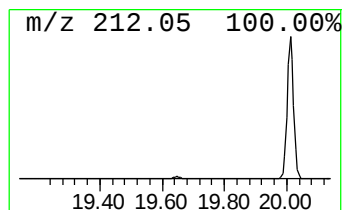
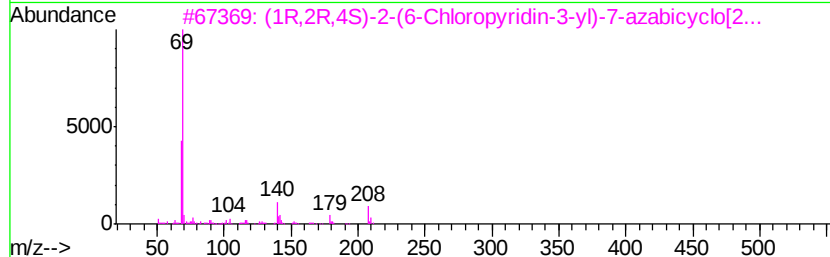
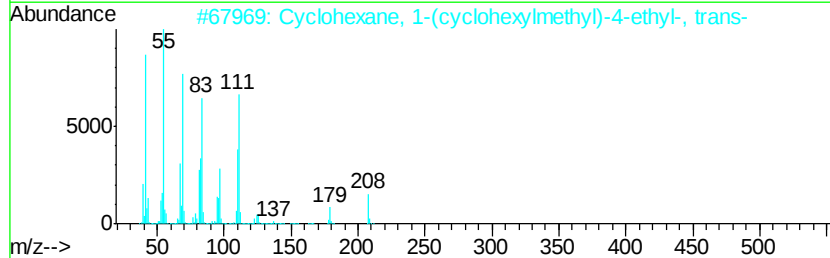
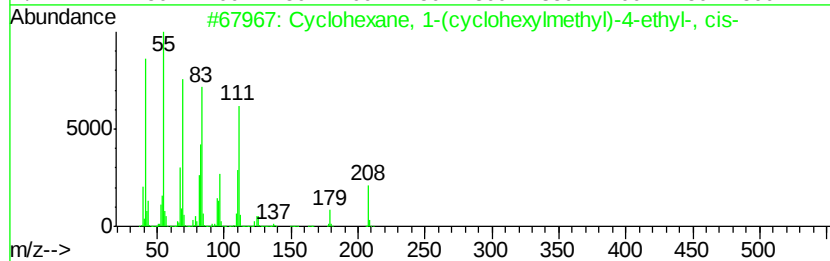
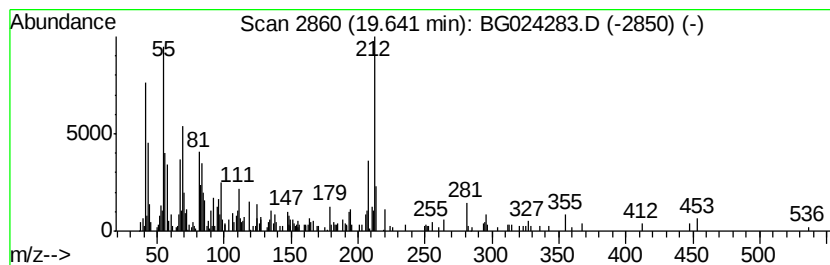
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Cyclohexane, 1-(cyclohexylm... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.18 ng/ul	306872	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-(cyclohexylmethyl)...	208	C15H28	054934-95-1	58
2		Cyclohexane, 1-(cyclohexylmethyl)...	208	C15H28	054934-94-0	50
3		(1R,2R,4S)-2-(6-Chloropyridin-3-yl)-...	208	C11H13ClN2	163365-18-2	40
4		Pyridine-3-carboxamide, oxime, N...	281	C13H10F3N3O	288246-53-7	38
5		Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	38



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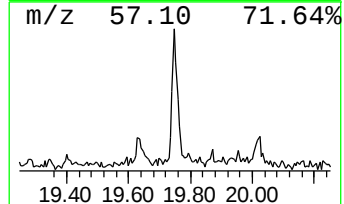
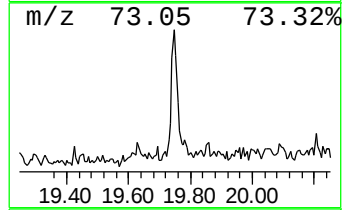
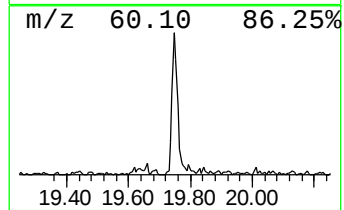
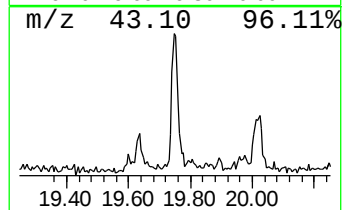
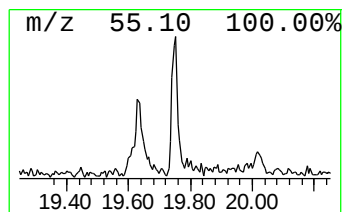
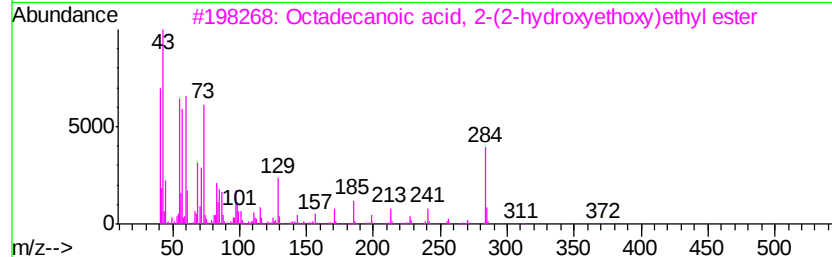
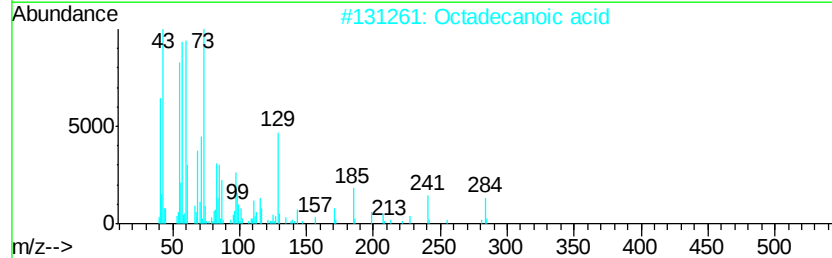
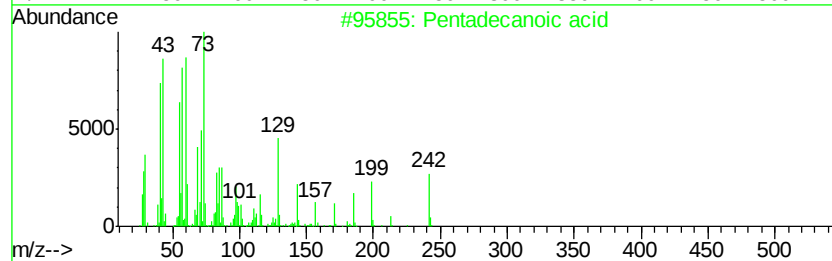
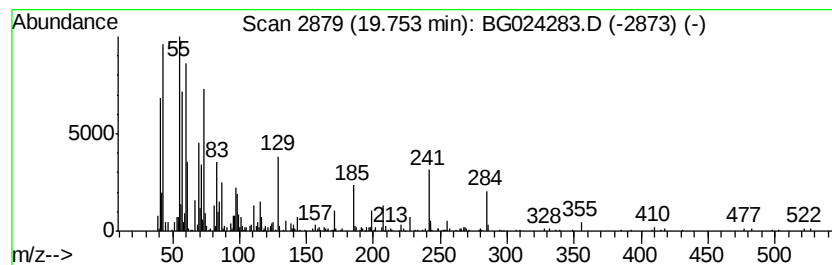
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Peak Number 3 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	3.21 ng/ul	452247	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	86	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	76	
3	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	64	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	59	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	59	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024283.D
Acq On : 12 Oct 2016 2:39
Operator : UM/SJ
Sample : H5113-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP58

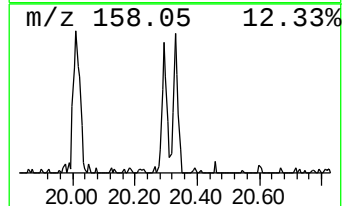
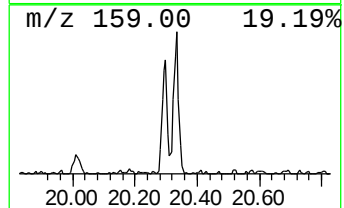
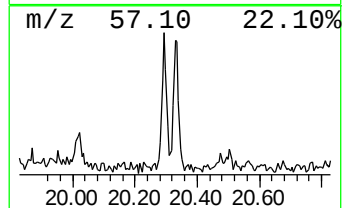
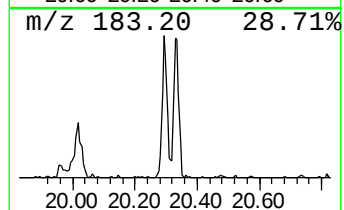
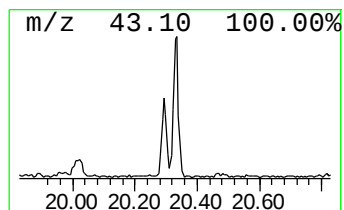
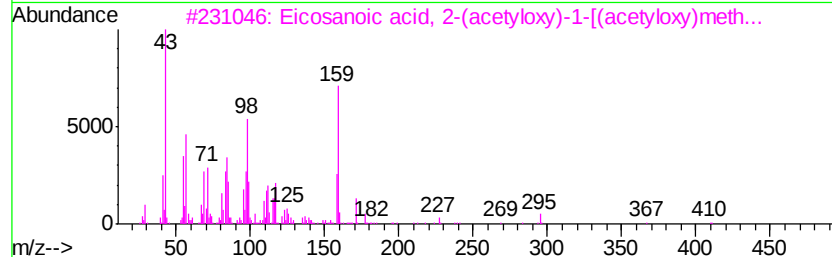
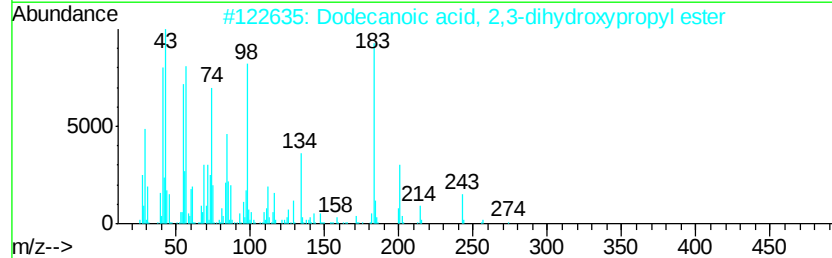
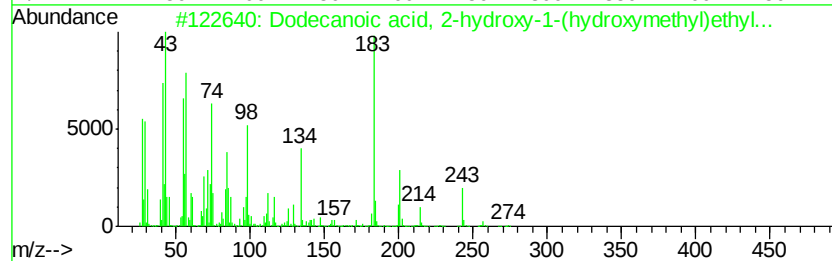
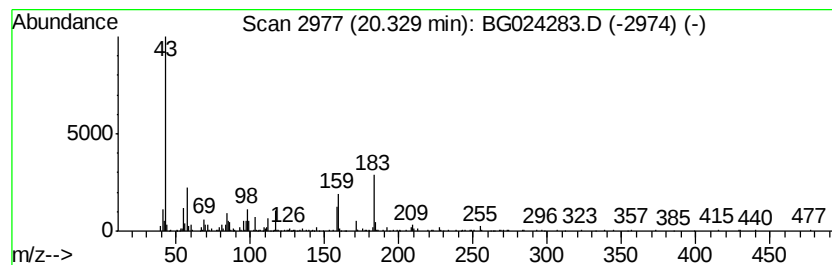
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	2.25 ng/ul	364850	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl...	274	C15H30O4	001678-45-1	32
2		Dodecanoic acid, 2,3-dihydroxypropyl ester	274	C15H30O4	000142-18-7	27
3		Eicosanoic acid, 2-(acetyloxy)-1-[(acetyloxy)methyl]...	470	C27H50O6	055429-68-0	22
4		3,5-Di-O-acetyl-1,4-anhydro-2-O-acetyl-β-D-glucopyranose	232	C10H16O6	1000357-23-2	17
5		9,12,15-Octadecatrienoic acid, 2,4,6-trimethyl-	436	C25H40O6	055320-01-9	17



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP58

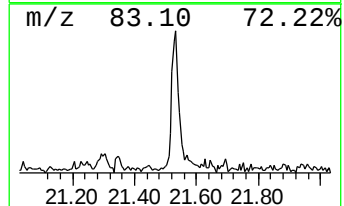
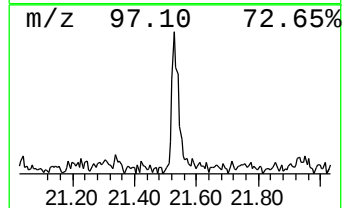
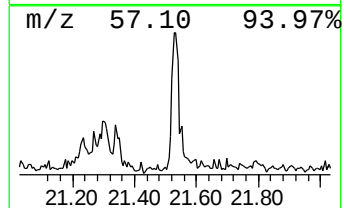
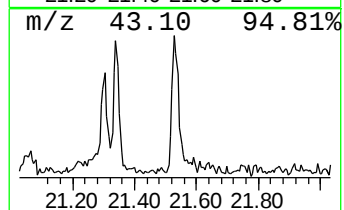
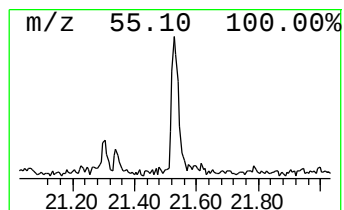
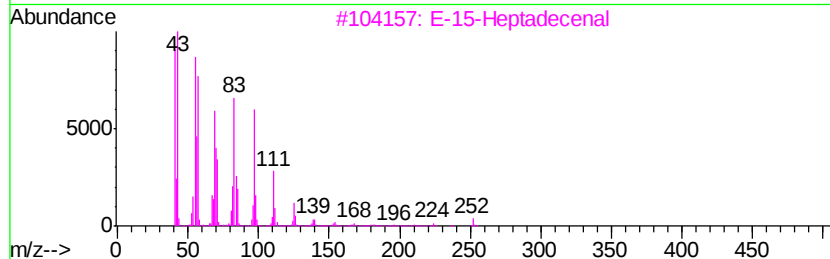
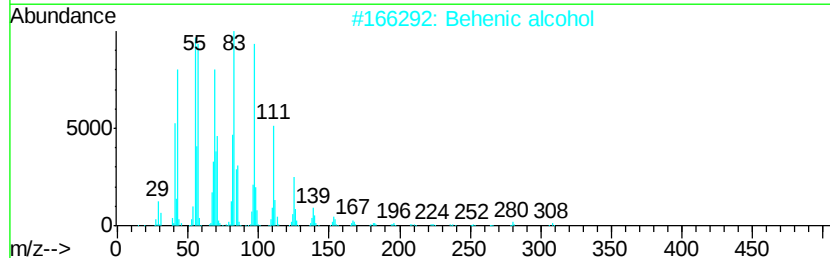
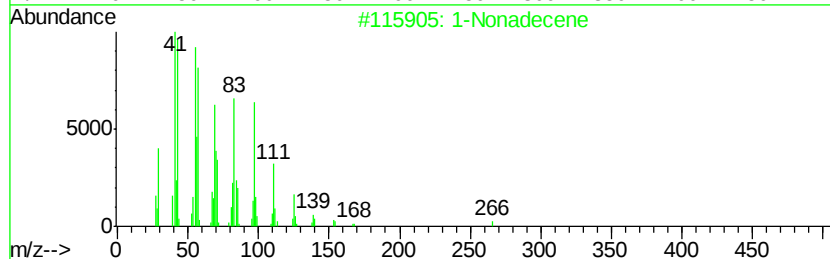
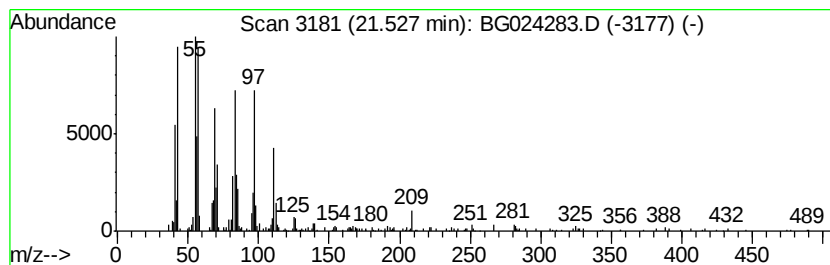
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.53 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.93 ng/ul	476626	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	91
2		Behenic alcohol	326	C22H46O	000661-19-8	90
3		E-15-Heptadecenal	252	C17H32O	1000130-97-9	87
4		1-Docosene	308	C22H44	001599-67-3	83
5		Octacosyl acetate	452	C30H60O2	018206-97-8	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101116\
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Operator : UM/SJ
Sample : H5113-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP58

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
n-Hexadecanoic acid	18.49	5.7	ng/ul	805157	4	17.64	2818420	20.0
Cyclohexane, 1-(c...	19.64	2.2	ng/ul	306872	4	17.64	2818420	20.0
Pentadecanoic acid	19.75	3.2	ng/ul	452247	4	17.64	2818420	20.0
unknown-01	20.33	2.3	ng/ul	364850	5	21.94	3248510	20.0
(DEL) Alkane: Cyc...	21.53	2.9	ng/ul	476626	5	21.94	3248510	20.0