

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023495.D
 Acq On : 5 Aug 2016 19:48
 Operator : UM/SJ
 Sample : H4209-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJM8

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-BG080416.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	3.926	183	185	186	rBV2	7939	5298	0.14%	0.013%
2	5.001	366	368	372	rVB3	6284	8665	0.24%	0.021%
3	5.236	407	408	411	rBV2	5511	6047	0.16%	0.015%
4	5.953	528	530	532	rBV2	5777	4874	0.13%	0.012%
5	6.176	563	568	571	rBV4	6748	12713	0.35%	0.031%
6	6.540	628	630	633	rVB3	5442	5239	0.14%	0.013%
7	6.746	661	665	667	rBV4	6249	6622	0.18%	0.016%
8	6.845	677	682	684	rBV5	3305	5935	0.16%	0.014%
9	7.268	748	754	765	rBV	441148	802189	21.87%	1.948%
10	7.433	776	782	791	rBV	385979	621374	16.94%	1.509%
11	7.644	812	818	827	rBV	432872	758686	20.69%	1.842%
12	7.897	857	861	864	rVB5	5976	7694	0.21%	0.019%
13	8.003	877	879	882	rVB4	7072	7907	0.22%	0.019%
14	8.044	882	886	887	rBV2	5804	8527	0.23%	0.021%
15	8.120	891	899	906	rVV	470235	835956	22.79%	2.030%
16	8.185	908	910	913	rVB4	5926	5742	0.16%	0.014%
17	8.402	944	947	949	rVB4	5736	5860	0.16%	0.014%
18	8.555	971	973	976	rBV3	5330	5178	0.14%	0.013%
19	8.602	976	981	982	rVB4	5151	5258	0.14%	0.013%
20	8.625	982	985	987	rBV3	5742	5178	0.14%	0.013%
21	8.784	1009	1012	1013	rBV2	4047	4995	0.14%	0.012%
22	8.831	1013	1020	1033	rVV	552596	1018306	27.76%	2.473%
23	9.295	1091	1099	1109	rBV	435805	799592	21.80%	1.941%
24	9.812	1183	1187	1188	rBV2	5342	7193	0.20%	0.017%
25	9.959	1207	1212	1214	rVB5	4162	6119	0.17%	0.015%
26	10.023	1214	1223	1231	rBV	382217	699662	19.08%	1.699%
27	10.223	1256	1257	1260	rVB3	5068	4967	0.14%	0.012%
28	10.258	1260	1263	1264	rBV3	5597	5218	0.14%	0.013%
29	10.276	1264	1266	1271	rVV4	5772	9946	0.27%	0.024%
30	10.382	1280	1284	1286	rBV4	4710	6185	0.17%	0.015%
31	10.570	1308	1316	1326	rBV	530151	1008724	27.50%	2.449%
32	10.952	1372	1381	1392	rBV	728012	1342917	36.62%	3.261%
33	11.087	1396	1404	1420	rBV	521180	1011459	27.58%	2.456%
34	11.286	1435	1438	1439	rBV3	5043	4878	0.13%	0.012%

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 Title : SVOA CALIBRATION

35	11.792	1522	1524	1528	rVB3	6051	7410	0.20%	0.018%
36	11.892	1538	1541	1544	rBV5	5306	4841	0.13%	0.012%
37	11.927	1544	1547	1549	rBV3	3443	5445	0.15%	0.013%
38	12.179	1585	1590	1591	rBV4	5465	7700	0.21%	0.019%
39	12.397	1623	1627	1628	rBV3	3992	5373	0.15%	0.013%
40	12.426	1628	1632	1638	rVB4	10650	17778	0.48%	0.043%
41	12.526	1647	1649	1650	rBV2	10488	8569	0.23%	0.021%
42	12.538	1650	1651	1659	rVB5	14983	22128	0.60%	0.054%
43	12.596	1659	1661	1665	rBV4	4457	7250	0.20%	0.018%
44	12.626	1665	1666	1669	rBV3	5193	5152	0.14%	0.013%
45	13.202	1760	1764	1767	rBV4	4043	5158	0.14%	0.013%
46	13.360	1789	1791	1795	rBV4	9654	15527	0.42%	0.038%
47	13.572	1824	1827	1831	rBV3	5396	8532	0.23%	0.021%
48	13.630	1833	1837	1838	rBV3	4949	7026	0.19%	0.017%
49	13.724	1849	1853	1856	rBV6	6328	10972	0.30%	0.027%
50	13.760	1856	1859	1863	rVB3	4966	6150	0.17%	0.015%
51	13.801	1863	1866	1868	rBV2	5257	4964	0.14%	0.012%
52	14.177	1922	1930	1934	rBV	1209279	1787738	48.74%	4.341%
53	14.224	1934	1938	1945	rVB	646215	963759	26.28%	2.340%
54	14.306	1951	1952	1957	rVB3	6672	6378	0.17%	0.015%
55	14.359	1959	1961	1964	rVB3	4906	5344	0.15%	0.013%
56	14.382	1964	1965	1968	rBV3	4440	5020	0.14%	0.012%
57	14.476	1974	1981	1988	rBV	1243464	1992627	54.33%	4.838%
58	14.647	2006	2010	2013	rVB4	10346	12116	0.33%	0.029%
59	14.694	2016	2018	2023	rVB4	5831	8115	0.22%	0.020%
60	14.782	2023	2033	2041	rBV2	1293809	2124064	57.91%	5.157%
61	14.876	2046	2049	2051	rVB4	4563	5735	0.16%	0.014%
62	14.993	2061	2069	2084	rBV2	302241	740766	20.20%	1.799%
63	15.340	2126	2128	2131	rVB4	6820	7063	0.19%	0.017%
64	15.557	2162	2165	2168	rBV5	6152	9461	0.26%	0.023%
65	15.604	2168	2173	2179	rVB3	29271	40747	1.11%	0.099%
66	15.775	2194	2202	2211	rBV	1819053	2769162	75.50%	6.724%
67	15.898	2216	2223	2233	rVV2	517760	841023	22.93%	2.042%
68	16.009	2237	2242	2249	rVB8	28862	54453	1.48%	0.132%
69	16.227	2277	2279	2282	rBV4	6775	6507	0.18%	0.016%
70	16.344	2297	2299	2303	rVB5	6138	6091	0.17%	0.015%
71	16.468	2314	2320	2328	rBV4	34835	71518	1.95%	0.174%

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72	16.662	2348	2353	2355	rVB6	7305	11075	0.30%	0.027%
73	16.726	2361	2364	2365	rBV3	8324	7549	0.21%	0.018%
74	16.808	2376	2378	2379	rBV2	6398	5868	0.16%	0.014%
75	16.879	2386	2390	2391	rBV3	9122	9572	0.26%	0.023%
76	16.920	2394	2397	2398	rBV3	9808	10911	0.30%	0.026%
77	16.979	2404	2407	2411	rVB5	6489	7471	0.20%	0.018%
78	17.014	2411	2413	2416	rVB4	6344	6255	0.17%	0.015%
79	17.043	2416	2418	2420	rBV3	5631	6096	0.17%	0.015%
80	17.267	2452	2456	2461	rBV	32692	37960	1.04%	0.092%
81	17.325	2462	2466	2469	rVB6	14689	22126	0.60%	0.054%
82	17.543	2493	2503	2512	rBV	1830081	2830385	77.17%	6.872%
83	17.643	2513	2520	2530	rVV	2076723	3089616	84.24%	7.502%
84	18.007	2580	2582	2587	rVB5	15776	20021	0.55%	0.049%
85	18.412	2646	2651	2663	rBV2	188593	324795	8.86%	0.789%
86	18.917	2733	2737	2741	rVB7	16609	22792	0.62%	0.055%
87	19.329	2804	2807	2810	rBV5	19311	20827	0.57%	0.051%
88	19.540	2840	2843	2845	rBV4	18644	23198	0.63%	0.056%
89	19.564	2845	2847	2853	rVB2	33417	45589	1.24%	0.111%
90	19.681	2863	2867	2876	rBV	201187	298903	8.15%	0.726%
91	19.816	2888	2890	2897	rVB3	32928	46869	1.28%	0.114%
92	19.934	2903	2910	2917	rBV	2510430	3667613	100.00%	8.905%
93	21.144	3113	3116	3119	rVB4	57512	66868	1.82%	0.162%
94	21.467	3167	3171	3177	rBV6	57520	131503	3.59%	0.319%
95	21.855	3231	3237	3245	rVB2	1758738	3070059	83.71%	7.454%
96	24.228	3638	3641	3648	rVB2	125861	226815	6.18%	0.551%
97	25.003	3762	3773	3784	rBV2	1097553	3149574	85.88%	7.647%
98	25.232	3802	3812	3825	rBV2	1008653	3037992	82.83%	7.376%
99	26.407	4006	4012	4023	rVB7	111156	323917	8.83%	0.786%

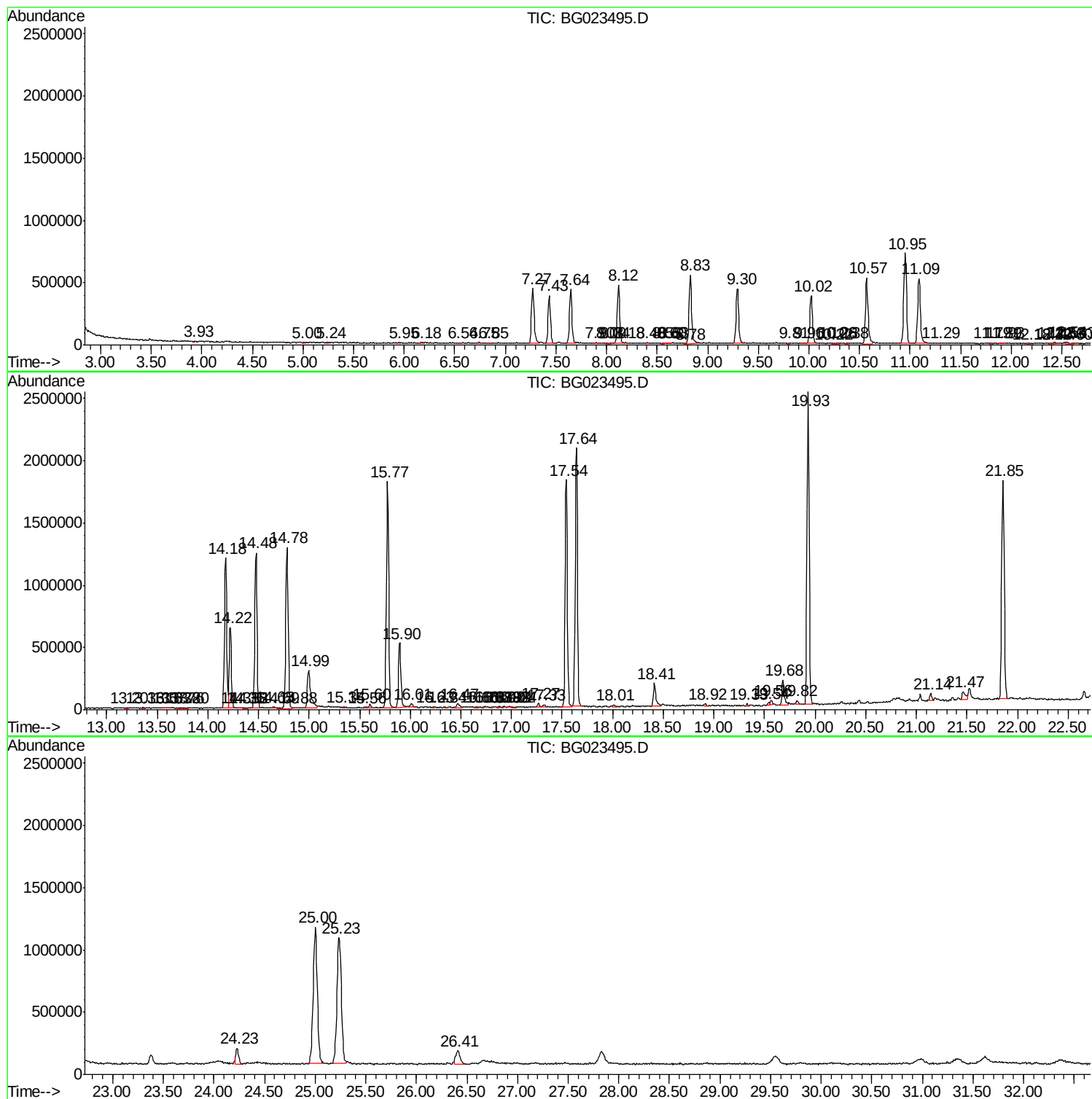
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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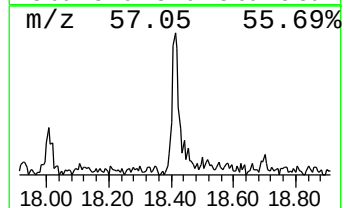
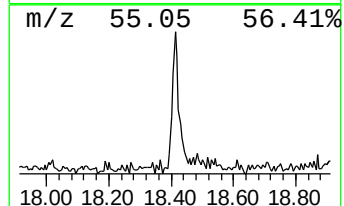
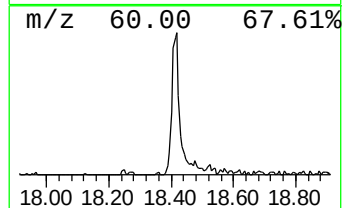
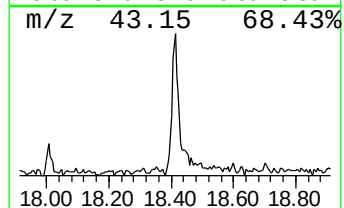
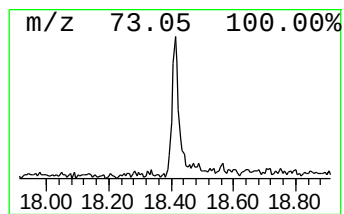
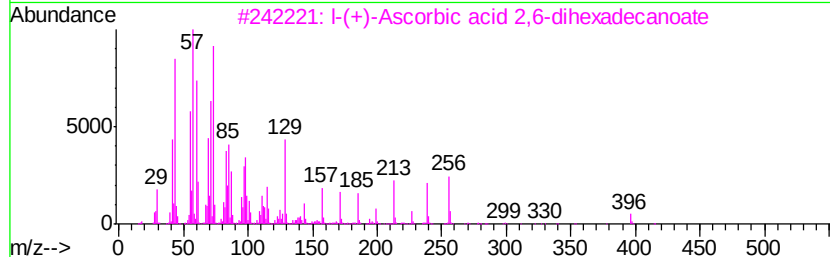
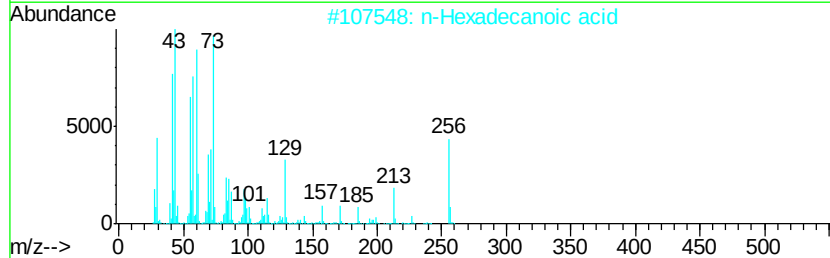
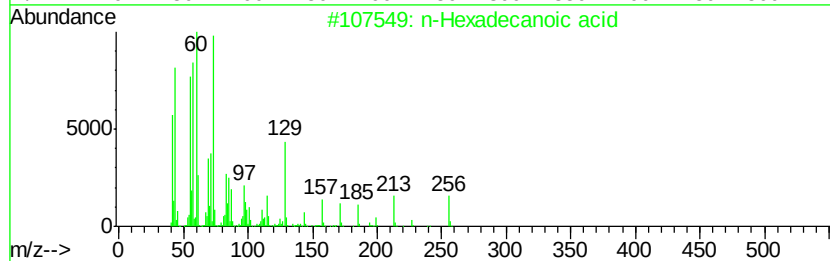
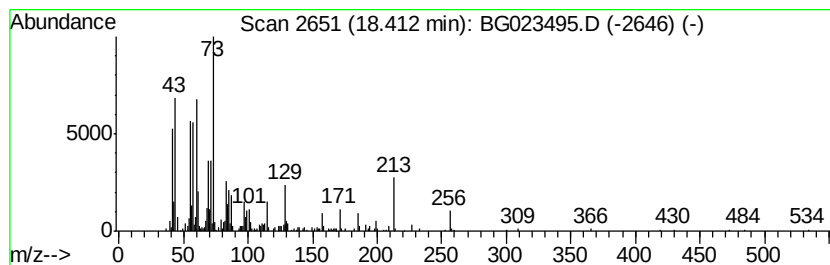
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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.
18.41	2.30 ng/ul	324795	Phenanthrene-d10	17.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3			l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	64
4			Dodecanoic acid	200	C12H24O2	000143-07-7	53
5			Tridecanoic acid	214	C13H26O2	000638-53-9	50



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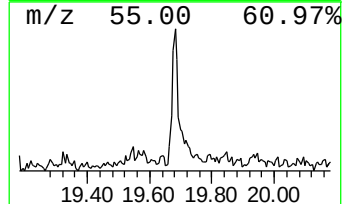
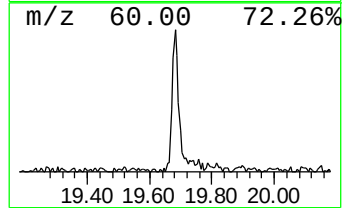
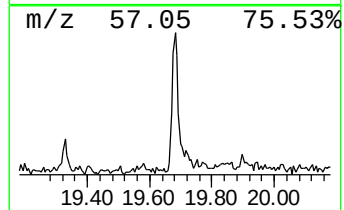
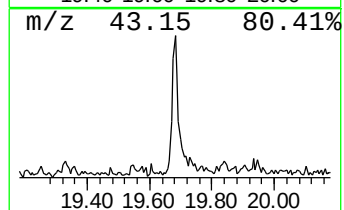
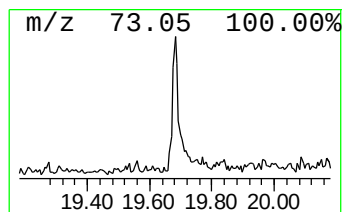
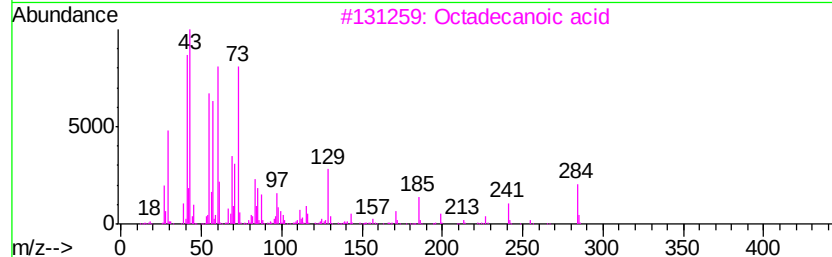
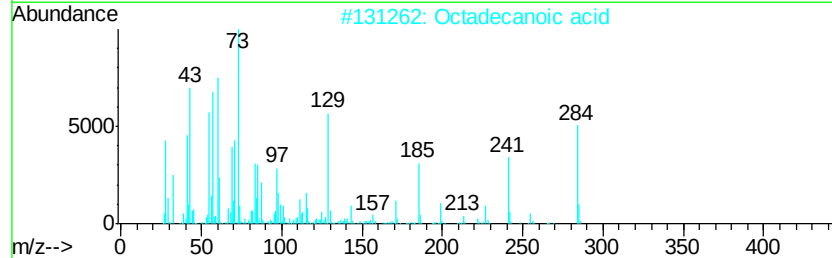
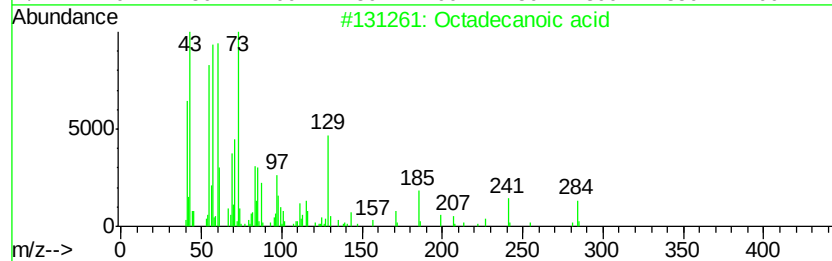
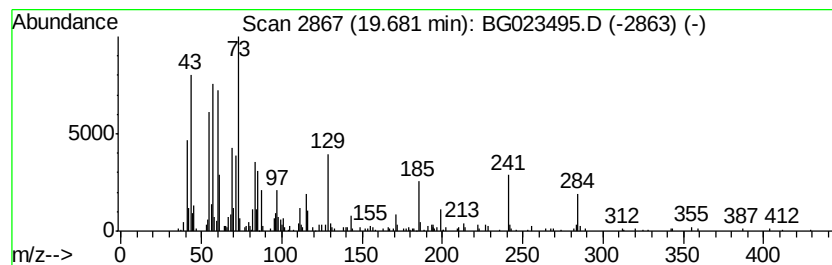
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.11 ng/ul	298903	Phenanthrene-d10	17.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Octadecanoic acid	284	C18H36O2	000057-11-4	94
3			Octadecanoic acid	284	C18H36O2	000057-11-4	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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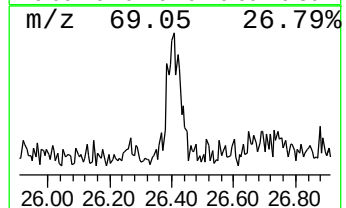
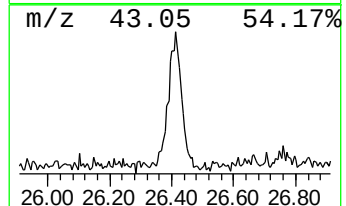
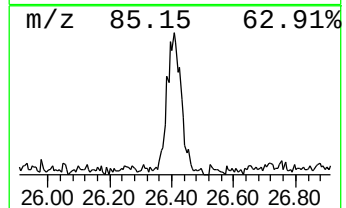
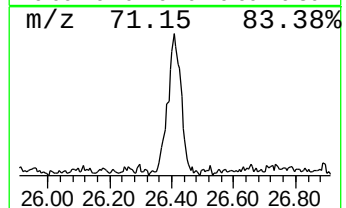
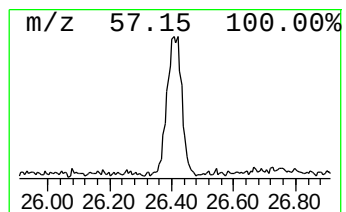
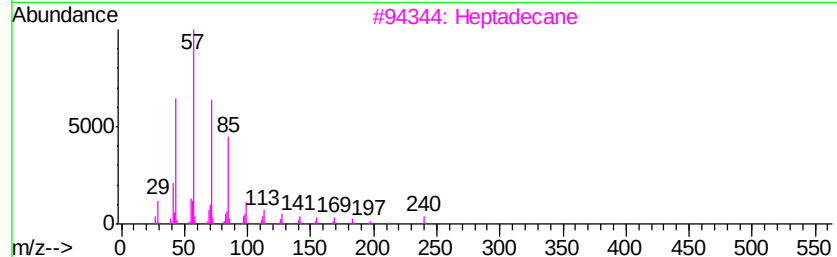
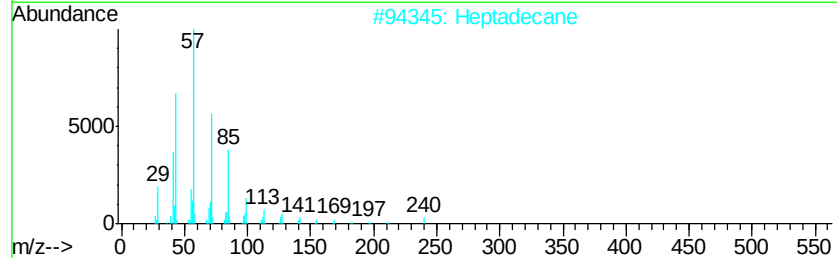
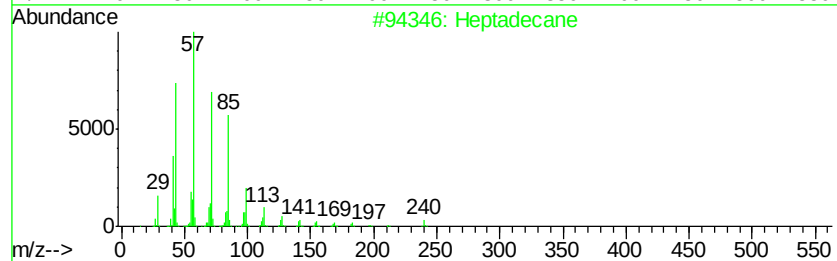
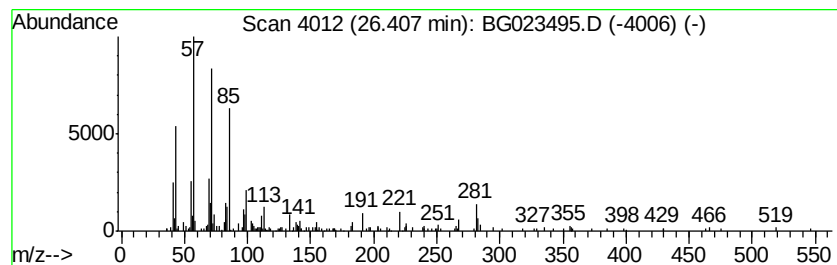
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.41	2.13 ng/ul	323917	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Heptadecane	240	C17H36	000629-78-7	89
4		Eicosane	282	C20H42	000112-95-8	89
5		Hexadecane	226	C16H34	000544-76-3	87



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ClientSampleId :
BDJM8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	18.41	2.3	ng/ul	324795	4	17.54	2830390	20.0
Octadecanoic acid	19.68	2.1	ng/ul	298903	4	17.54	2830390	20.0
(DEL) Alkane: Str...	26.41	2.1	ng/ul	323917	6	25.23	3037990	20.0