

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025128.D
 Acq On : 13 Dec 2016 00:01
 Operator : UM/SJ
 Sample : H5990-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P006-SS016-1218-03

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.1 Max Peaks: 100
 Stop Thrs : 0 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-BG113016.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	3.275	70	74	77	rVB6	15877	22067	0.68%	0.057%
2	3.422	98	99	105	rVB4	8190	9170	0.28%	0.024%
3	3.586	124	127	135	rVB4	26150	41378	1.28%	0.107%
4	3.968	190	192	197	rVB4	6845	11128	0.35%	0.029%
5	4.127	212	219	227	rBV4	16316	38582	1.20%	0.100%
6	4.344	253	256	257	rBV4	8182	9736	0.30%	0.025%
7	4.814	331	336	338	rBV3	6711	8971	0.28%	0.023%
8	5.114	386	387	392	rVB5	6419	8683	0.27%	0.023%
9	5.167	392	396	398	rBV4	6534	8454	0.26%	0.022%
10	5.302	412	419	425	rBV4	16265	29993	0.93%	0.078%
11	5.519	453	456	460	rBV4	8818	10590	0.33%	0.027%
12	6.213	567	574	576	rBV7	6987	16247	0.50%	0.042%
13	6.271	581	584	588	rBV5	7362	11326	0.35%	0.029%
14	6.430	608	611	616	rVB5	7180	8663	0.27%	0.022%
15	6.506	621	624	629	rBV4	6761	9428	0.29%	0.024%
16	6.706	652	658	662	rVB5	5682	12293	0.38%	0.032%
17	6.918	689	694	697	rBV4	5489	11351	0.35%	0.029%
18	7.088	718	723	731	rBV7	6935	17064	0.53%	0.044%
19	7.205	737	743	747	rBV3	6781	12385	0.38%	0.032%
20	7.305	758	760	764	rBV3	5199	8998	0.28%	0.023%
21	7.388	765	774	788	rVV2	472918	1040323	32.28%	2.701%
22	7.482	788	790	794	rVB3	8730	9306	0.29%	0.024%
23	7.552	794	802	814	rBV	341546	594699	18.45%	1.544%
24	7.764	830	838	849	rBV	454445	822239	25.51%	2.135%
25	7.958	869	871	874	rVB3	7445	8286	0.26%	0.022%
26	8.052	885	887	894	rVB5	5498	8286	0.26%	0.022%
27	8.240	910	919	929	rBV	400749	724514	22.48%	1.881%
28	8.639	986	987	992	rVB4	6374	8784	0.27%	0.023%
29	8.856	1023	1024	1030	rBV4	7198	11099	0.34%	0.029%
30	8.939	1030	1038	1056	rVV	559201	1074562	33.34%	2.790%
31	9.233	1081	1088	1090	rBV5	7089	16084	0.50%	0.042%
32	9.415	1110	1119	1128	rBV	493783	948001	29.41%	2.461%
33	9.750	1170	1176	1181	rBV4	12631	26361	0.82%	0.068%
34	10.143	1234	1243	1254	rBV	437255	836546	25.95%	2.172%

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35	10.337	1270	1276	1277	rBV5	5287	8271	0.26%	0.021%
36	10.678	1324	1334	1345	rBV2	600558	1207772	37.47%	3.136%
37	10.807	1354	1356	1364	rVB8	7093	13909	0.43%	0.036%
38	11.066	1390	1400	1412	rBV	607406	1142699	35.45%	2.967%
39	11.201	1414	1423	1436	rBV	421638	835316	25.92%	2.169%
40	11.824	1522	1529	1531	rBV7	7412	10400	0.32%	0.027%
41	12.018	1559	1562	1566	rBV4	7001	10004	0.31%	0.026%
42	12.241	1594	1600	1604	rBV6	7346	10767	0.33%	0.028%
43	12.634	1663	1667	1676	rBV9	15629	33495	1.04%	0.087%
44	12.911	1710	1714	1717	rBV3	8675	11726	0.36%	0.030%
45	13.210	1759	1765	1772	rBV7	11496	26059	0.81%	0.068%
46	13.451	1801	1806	1812	rBV5	16901	32239	1.00%	0.084%
47	13.551	1820	1823	1827	rVB6	6888	9642	0.30%	0.025%
48	13.633	1835	1837	1845	rVB6	9175	21332	0.66%	0.055%
49	13.716	1845	1851	1857	rBV7	10422	30778	0.95%	0.080%
50	13.810	1860	1867	1871	rBV6	8431	22323	0.69%	0.058%
51	13.986	1894	1897	1901	rBV3	6464	11244	0.35%	0.029%
52	14.033	1901	1905	1910	rVV5	5801	11269	0.35%	0.029%
53	14.250	1934	1942	1947	rBV	1222904	1814884	56.31%	4.712%
54	14.297	1947	1950	1957	rVV	161369	241201	7.48%	0.626%
55	14.350	1957	1959	1964	rVB6	8901	12562	0.39%	0.033%
56	14.485	1981	1982	1987	rVB4	8014	9012	0.28%	0.023%
57	14.556	1987	1994	2005	rBV	1210319	2017702	62.60%	5.239%
58	14.703	2015	2019	2024	rBV5	16865	31860	0.99%	0.083%
59	14.861	2037	2046	2057	rBV	1046870	1723689	53.48%	4.475%
60	15.055	2068	2079	2095	rBV	468598	937385	29.08%	2.434%
61	15.220	2103	2107	2113	rBV9	21213	30076	0.93%	0.078%
62	15.308	2119	2122	2126	rBV6	9686	13047	0.40%	0.034%
63	15.390	2133	2136	2138	rVB4	12265	13214	0.41%	0.034%
64	15.437	2138	2144	2145	rBV5	9422	17112	0.53%	0.044%
65	15.607	2168	2173	2176	rVV4	16170	24291	0.75%	0.063%
66	15.649	2176	2180	2187	rVB3	53205	83371	2.59%	0.216%
67	15.707	2187	2190	2193	rBV6	7073	9290	0.29%	0.024%
68	15.848	2204	2214	2227	rBV	1673937	2748798	85.29%	7.137%
69	15.966	2227	2234	2244	rBV2	634506	1001583	31.08%	2.600%
70	16.054	2244	2249	2250	rBV4	10551	15088	0.47%	0.039%
71	16.083	2252	2254	2262	rVB8	26100	44595	1.38%	0.116%

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72	16.148	2262	2265	2267	rBV4	7836	9742	0.30%	0.025%
73	16.218	2272	2277	2279	rBV6	6960	13296	0.41%	0.035%
74	16.506	2321	2326	2335	rBV2	73486	136748	4.24%	0.355%
75	16.641	2347	2349	2354	rBV5	9410	11890	0.37%	0.031%
76	16.782	2369	2373	2377	rBV6	8573	11704	0.36%	0.030%
77	16.824	2377	2380	2388	rBV9	17959	41206	1.28%	0.107%
78	16.947	2396	2401	2408	rVB10	22920	44200	1.37%	0.115%
79	17.123	2427	2431	2437	rBV9	16406	25778	0.80%	0.067%
80	17.206	2443	2445	2450	rVB6	8055	8266	0.26%	0.021%
81	17.300	2457	2461	2466	rVB3	56762	72562	2.25%	0.188%
82	17.352	2466	2470	2473	rVB7	16543	21205	0.66%	0.055%
83	17.388	2473	2476	2480	rBV6	14361	16300	0.51%	0.042%
84	17.599	2505	2512	2522	rBV2	1299339	2160976	67.05%	5.611%
85	17.699	2522	2529	2539	rVB	1845701	2829574	87.79%	7.346%
86	17.846	2551	2554	2562	rVB9	17715	43242	1.34%	0.112%
87	17.911	2562	2565	2566	rBV3	13247	13078	0.41%	0.034%
88	17.958	2568	2573	2576	rBV7	15322	28707	0.89%	0.075%
89	18.040	2584	2587	2593	rVB8	20877	27458	0.85%	0.071%
90	18.334	2630	2637	2643	rBV8	20274	50342	1.56%	0.131%
91	18.392	2644	2647	2650	rVV5	10842	15492	0.48%	0.040%
92	18.439	2650	2655	2666	rVV2	363341	541984	16.82%	1.407%
93	18.522	2666	2669	2677	rVB2	44351	74370	2.31%	0.193%
94	18.645	2688	2690	2696	rVB7	11023	21357	0.66%	0.055%
95	19.703	2865	2870	2877	rBV	187078	286257	8.88%	0.743%
96	19.973	2909	2916	2927	rBV	2126394	3223073	100.00%	8.368%
97	21.471	3167	3171	3180	rVB8	117388	259977	8.07%	0.675%
98	21.894	3236	3243	3251	rVB	1422784	2455360	76.18%	6.375%
99	25.073	3774	3784	3798	rBV3	967644	2946272	91.41%	7.649%
100	25.314	3816	3825	3842	rVB2	790282	2452173	76.08%	6.367%

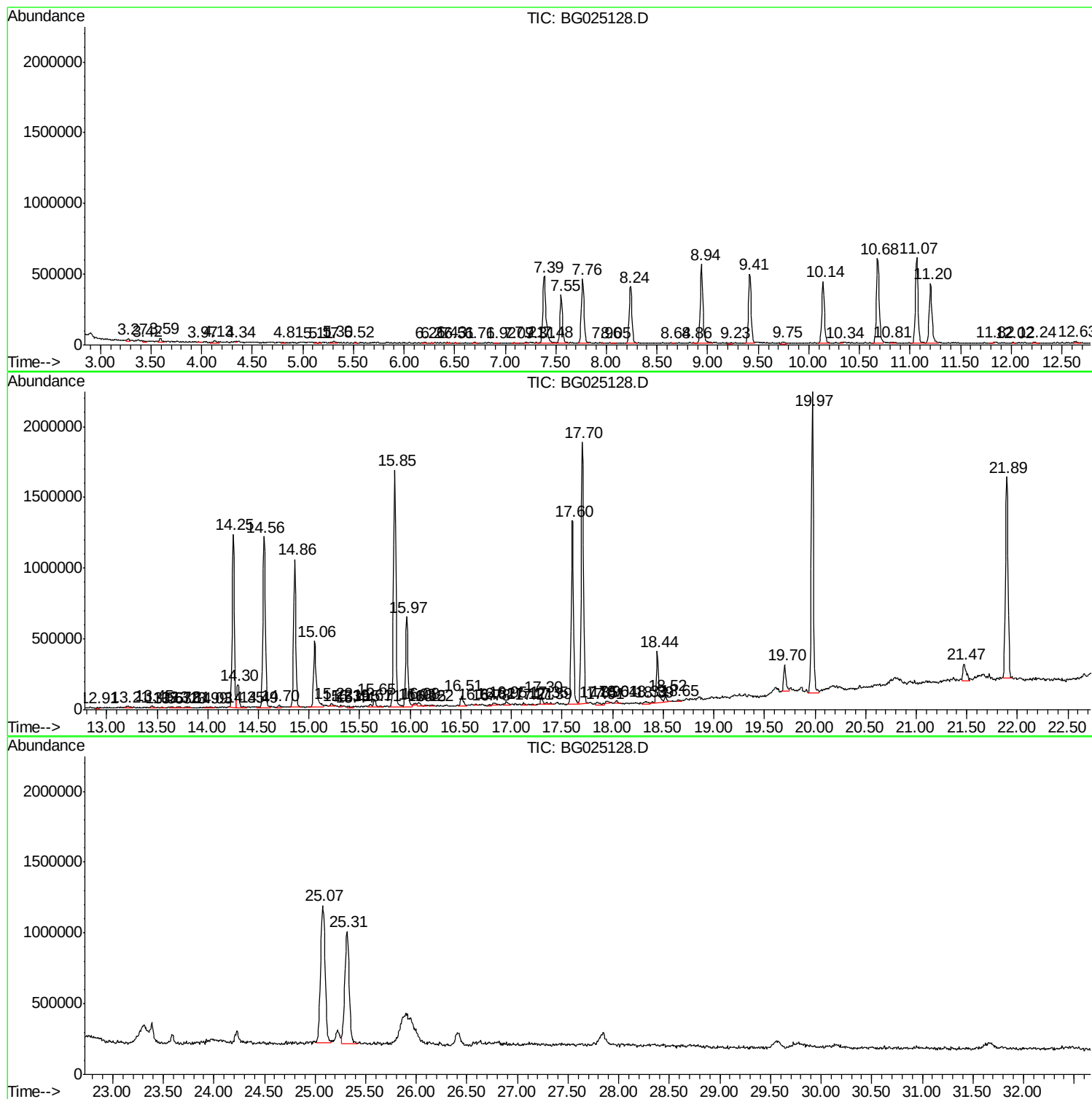
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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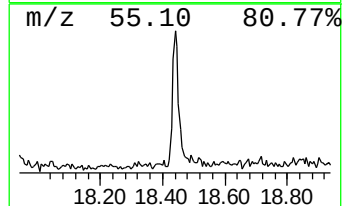
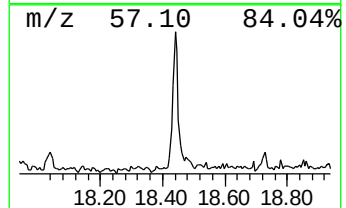
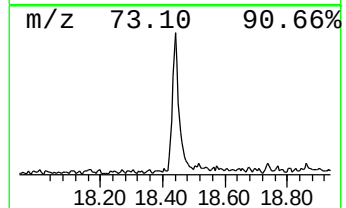
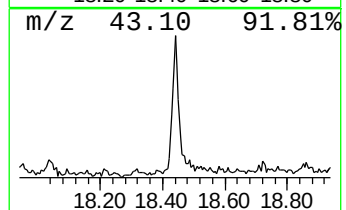
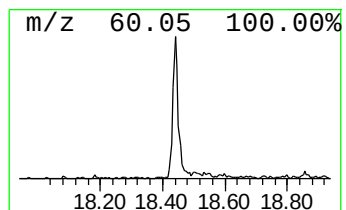
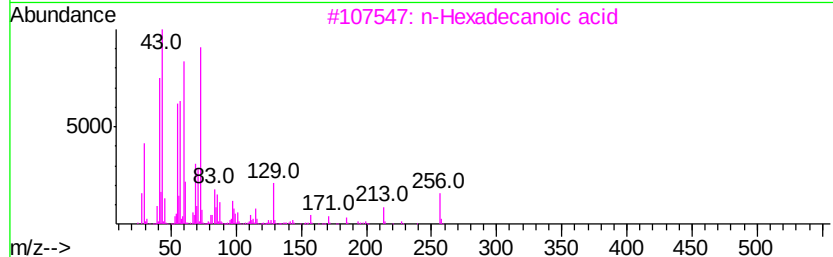
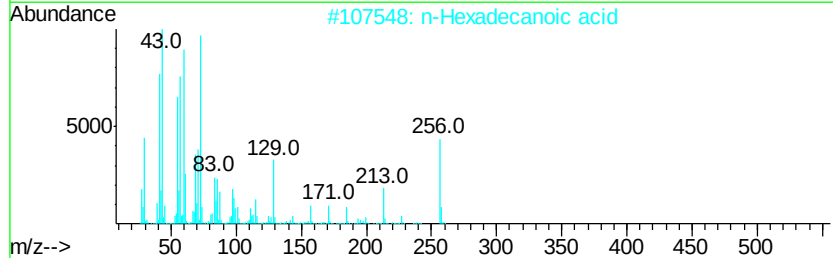
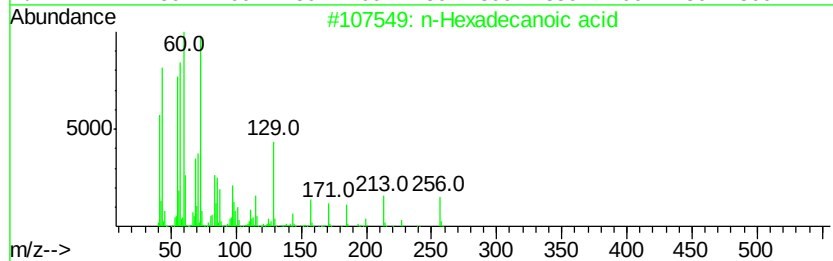
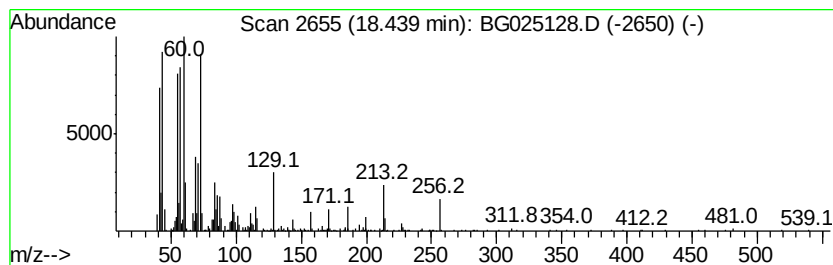
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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.
18.44	5.02 ng/ul	541984	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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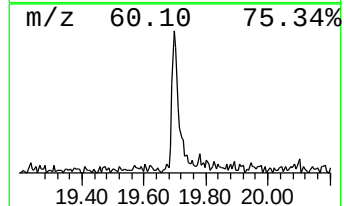
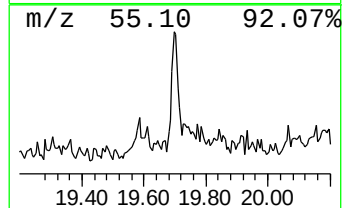
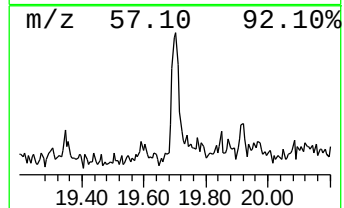
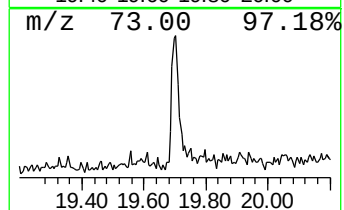
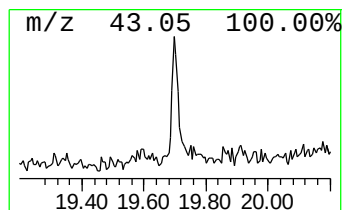
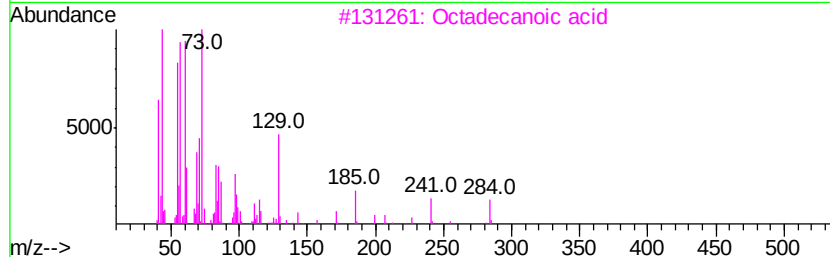
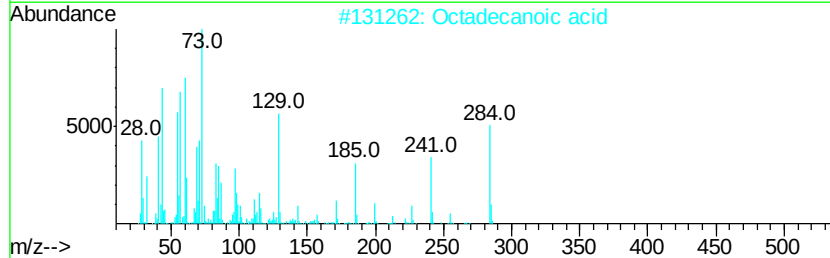
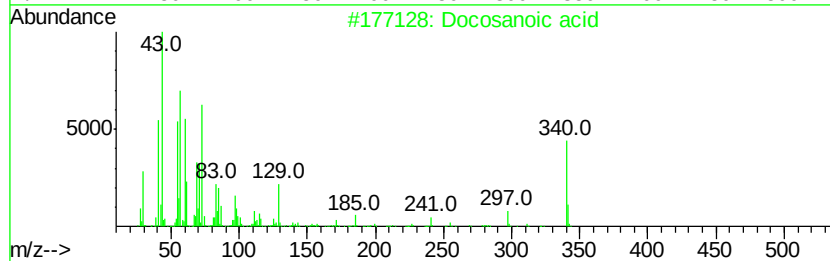
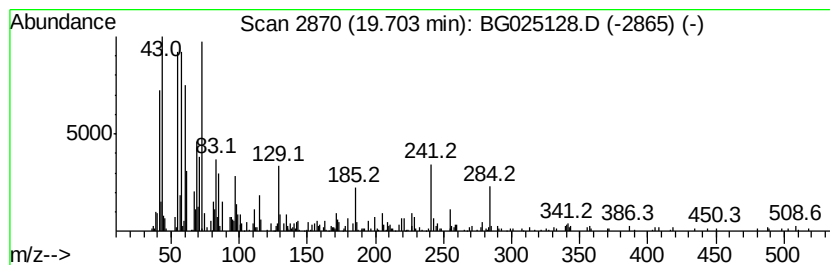
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Docosanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.70	2.65 ng/ul	286257	Phenanthrene-d10	17.61		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosanoic acid	340	C22H44O2	000112-85-6	96
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Docosanoic acid	340	C22H44O2	000112-85-6	89
5		Octadecanoic acid	284	C18H36O2	000057-11-4	89



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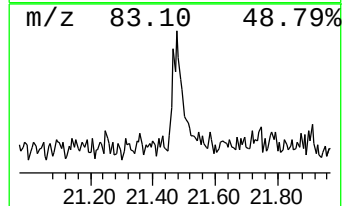
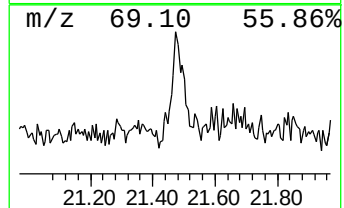
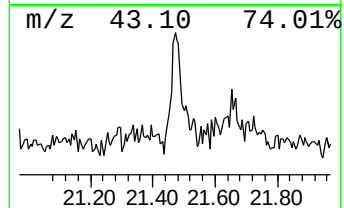
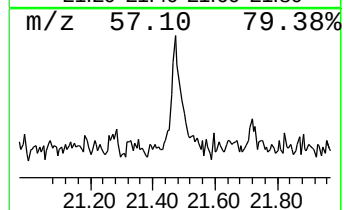
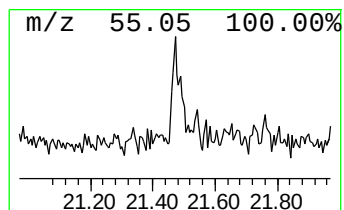
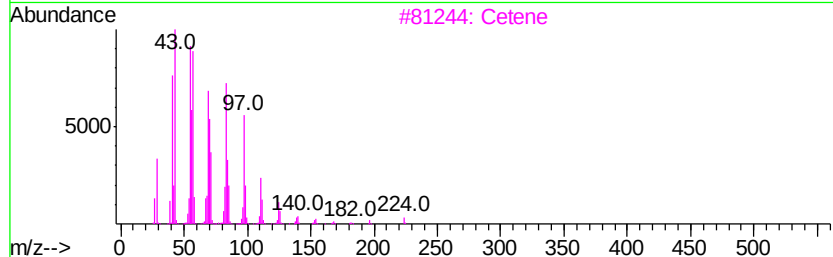
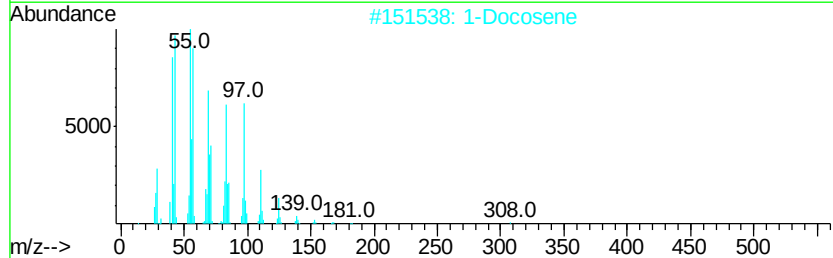
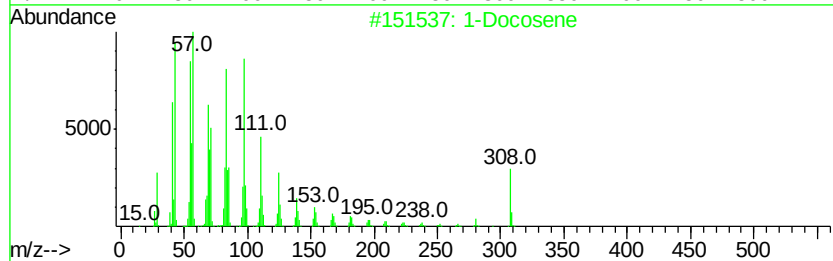
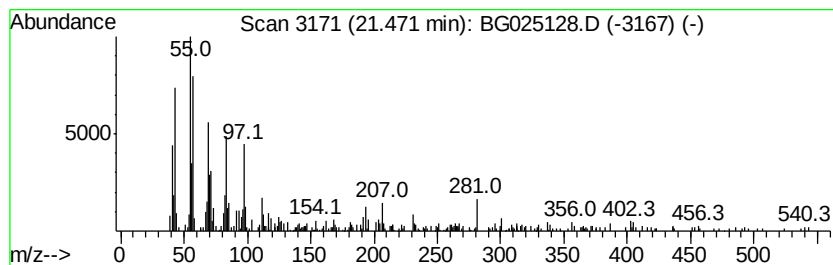
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.47 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.12 ng/ul	259977	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	87
2		1-Docosene	308	C22H44	001599-67-3	87
3		Cetene	224	C16H32	000629-73-2	86
4		9-Hexacosene	364	C26H52	071502-22-2	64
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	56



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Sample : H5990-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P006-SS016-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	18.44	5.0	ng/ul	541984	4	17.61	2160980	20.0
Docosanoic acid	19.70	2.6	ng/ul	286257	4	17.61	2160980	20.0
(DEL) Alkane: Cyc...	21.47	2.1	ng/ul	259977	5	21.89	2455360	20.0