

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024337.D
 Acq On : 14 Oct 2016 1:36
 Operator : UM/SJ
 Sample : H5164-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNM8

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	3.332	80	84	88	rVB4	38825	54974	1.22%	0.093%
2	3.643	134	137	142	rBV3	28645	34920	0.77%	0.059%
3	4.184	225	229	236	rVB9	22935	39870	0.88%	0.067%
4	4.407	265	267	273	rVB6	14483	23548	0.52%	0.040%
5	5.030	370	373	375	rBV3	16346	15476	0.34%	0.026%
6	5.118	384	388	391	rBV5	13577	20229	0.45%	0.034%
7	5.353	423	428	434	rVB	97717	163336	3.61%	0.276%
8	5.441	438	443	446	rBV7	10677	17354	0.38%	0.029%
9	6.311	588	591	596	rVV7	12485	17558	0.39%	0.030%
10	6.481	613	620	623	rBV7	10603	21570	0.48%	0.036%
11	6.851	679	683	687	rVB7	9320	16154	0.36%	0.027%
12	6.904	687	692	694	rBV6	11201	18862	0.42%	0.032%
13	7.215	738	745	749	rBV7	13638	27052	0.60%	0.046%
14	7.415	765	779	792	rBV	622900	1174850	25.98%	1.985%
15	7.603	804	811	821	rBV	424479	723100	15.99%	1.222%
16	7.691	823	826	830	rVB6	15132	21933	0.49%	0.037%
17	7.809	839	846	856	rBV2	591970	1051369	23.25%	1.776%
18	8.191	903	911	913	rBV8	11299	19337	0.43%	0.033%
19	8.291	918	928	943	rVB	906498	1658444	36.68%	2.802%
20	8.808	1013	1016	1021	rVB7	8611	15332	0.34%	0.026%
21	8.972	1035	1044	1053	rBV2	644843	1164047	25.75%	1.967%
22	9.113	1064	1068	1074	rVV6	12856	21095	0.47%	0.036%
23	9.166	1074	1077	1082	rVB5	13097	19779	0.44%	0.033%
24	9.348	1101	1108	1116	rVB10	10692	30380	0.67%	0.051%
25	9.460	1116	1127	1134	rBV	615052	1175739	26.00%	1.986%
26	9.519	1134	1137	1143	rVV5	45844	67722	1.50%	0.114%
27	9.812	1181	1187	1194	rVV5	25068	49370	1.09%	0.083%
28	10.188	1242	1251	1261	rVV	524072	999987	22.12%	1.689%
29	10.365	1277	1281	1284	rVB5	10707	17365	0.38%	0.029%
30	10.541	1306	1311	1316	rBV6	9596	20606	0.46%	0.035%
31	10.611	1319	1323	1328	rBV7	9394	16648	0.37%	0.028%
32	10.717	1334	1341	1351	rVV	798485	1499246	33.16%	2.533%
33	11.117	1401	1409	1422	rBV	1255903	2403903	53.17%	4.061%
34	11.240	1422	1430	1442	rVB	603655	1193336	26.39%	2.016%

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35	11.316	1442	1443	1449	rBV5	11303	21337	0.47%	0.036%
36	11.599	1490	1491	1502	rVB5	8645	15251	0.34%	0.026%
37	11.839	1529	1532	1539	rVB8	12082	23392	0.52%	0.040%
38	11.928	1543	1547	1553	rBV6	9765	22150	0.49%	0.037%
39	12.374	1616	1623	1627	rVB9	8784	25558	0.57%	0.043%
40	12.427	1627	1632	1634	rBV4	10760	17437	0.39%	0.029%
41	12.562	1647	1655	1658	rBV7	14383	29535	0.65%	0.050%
42	12.680	1670	1675	1681	rVB9	20628	44425	0.98%	0.075%
43	13.144	1748	1754	1760	rBV7	44105	73528	1.63%	0.124%
44	13.255	1770	1773	1781	rVB9	10485	21154	0.47%	0.036%
45	13.338	1781	1787	1797	rBV9	11719	29492	0.65%	0.050%
46	13.496	1811	1814	1818	rBV6	14560	17433	0.39%	0.029%
47	13.767	1856	1860	1867	rVB7	38556	70530	1.56%	0.119%
48	14.213	1931	1936	1938	rBV5	9414	18316	0.41%	0.031%
49	14.295	1940	1950	1954	rBV	1518901	2280704	50.44%	3.853%
50	14.342	1954	1958	1965	rVB	993390	1404108	31.05%	2.372%
51	14.601	1995	2002	2012	rVB	1525970	2526438	55.88%	4.268%
52	14.754	2023	2028	2036	rVB2	46562	80506	1.78%	0.136%
53	14.900	2042	2053	2061	rVV	2058546	3368374	74.50%	5.691%
54	15.059	2073	2080	2090	rVV	668844	1143110	25.28%	1.931%
55	15.265	2110	2115	2120	rVB8	30973	52380	1.16%	0.088%
56	15.312	2121	2123	2129	rVB6	14055	18412	0.41%	0.031%
57	15.359	2129	2131	2141	rBV9	17370	38796	0.86%	0.066%
58	15.441	2141	2145	2147	rBV5	14786	17735	0.39%	0.030%
59	15.664	2180	2183	2186	rBV5	16444	25441	0.56%	0.043%
60	15.705	2186	2190	2196	rVB2	98620	133858	2.96%	0.226%
61	15.888	2213	2221	2231	rBV	2137019	3321785	73.47%	5.612%
62	15.987	2231	2238	2247	rBV	737694	1074222	23.76%	1.815%
63	16.117	2252	2260	2271	rVB9	47330	160862	3.56%	0.272%
64	16.205	2271	2275	2279	rBV5	24714	32604	0.72%	0.055%
65	16.252	2280	2283	2292	rVV10	23103	37518	0.83%	0.063%
66	16.322	2292	2295	2299	rVV6	20316	23316	0.52%	0.039%
67	16.563	2331	2336	2347	rBV2	121592	251672	5.57%	0.425%
68	16.698	2357	2359	2363	rBV5	17595	15978	0.35%	0.027%
69	16.787	2371	2374	2377	rVB5	15826	21701	0.48%	0.037%
70	16.834	2380	2382	2389	rVB8	17190	24711	0.55%	0.042%
71	16.904	2391	2394	2402	rVB9	17495	36058	0.80%	0.061%

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72	16.963	2402	2404	2407	rVV4	16279	17086	0.38%	0.029%
73	16.992	2407	2409	2417	rVB7	35475	51296	1.13%	0.087%
74	17.069	2419	2422	2430	rBV10	14776	28194	0.62%	0.048%
75	17.157	2430	2437	2446	rBV10	42342	97806	2.16%	0.165%
76	17.356	2466	2471	2475	rBV	76101	114067	2.52%	0.193%
77	17.403	2475	2479	2484	rBV7	25002	50451	1.12%	0.085%
78	17.486	2489	2493	2500	rBV10	37474	62371	1.38%	0.105%
79	17.550	2503	2504	2511	rVB6	21845	29542	0.65%	0.050%
80	17.644	2511	2520	2530	rBV2	2337076	3807703	84.21%	6.433%
81	17.738	2530	2536	2546	rVB2	2074558	3345474	73.99%	5.652%
82	17.985	2571	2578	2580	rBV8	24730	35662	0.79%	0.060%
83	18.091	2592	2596	2601	rBV5	34676	47327	1.05%	0.080%
84	18.232	2615	2620	2624	rVV8	19254	34041	0.75%	0.058%
85	18.285	2626	2629	2636	rVB9	19112	27438	0.61%	0.046%
86	18.373	2640	2644	2648	rBV7	48748	76322	1.69%	0.129%
87	18.432	2648	2654	2659	rVV2	304056	437681	9.68%	0.739%
88	18.490	2659	2664	2678	rVB	946359	1370700	30.32%	2.316%
89	18.778	2709	2713	2719	rBV7	31207	48114	1.06%	0.081%
90	18.908	2732	2735	2740	rVB7	17389	26644	0.59%	0.045%
91	19.148	2771	2776	2784	rBV7	24966	62450	1.38%	0.106%
92	19.284	2796	2799	2804	rVB6	17297	24617	0.54%	0.042%
93	19.630	2850	2858	2868	rBV4	336522	732504	16.20%	1.238%
94	19.742	2873	2877	2891	rVB	429357	619359	13.70%	1.046%
95	19.901	2900	2904	2908	rBV4	39287	61159	1.35%	0.103%
96	20.012	2915	2923	2936	rVB	2703952	4165586	92.13%	7.038%
97	21.528	3175	3181	3190	rBV	367885	608128	13.45%	1.027%
98	21.939	3244	3251	3264	rVB2	2461677	4508909	99.72%	7.618%
99	25.147	3787	3797	3814	rVB2	1250534	3844368	85.03%	6.495%
100	25.388	3827	3838	3852	rVB2	1449713	4521447	100.00%	7.639%

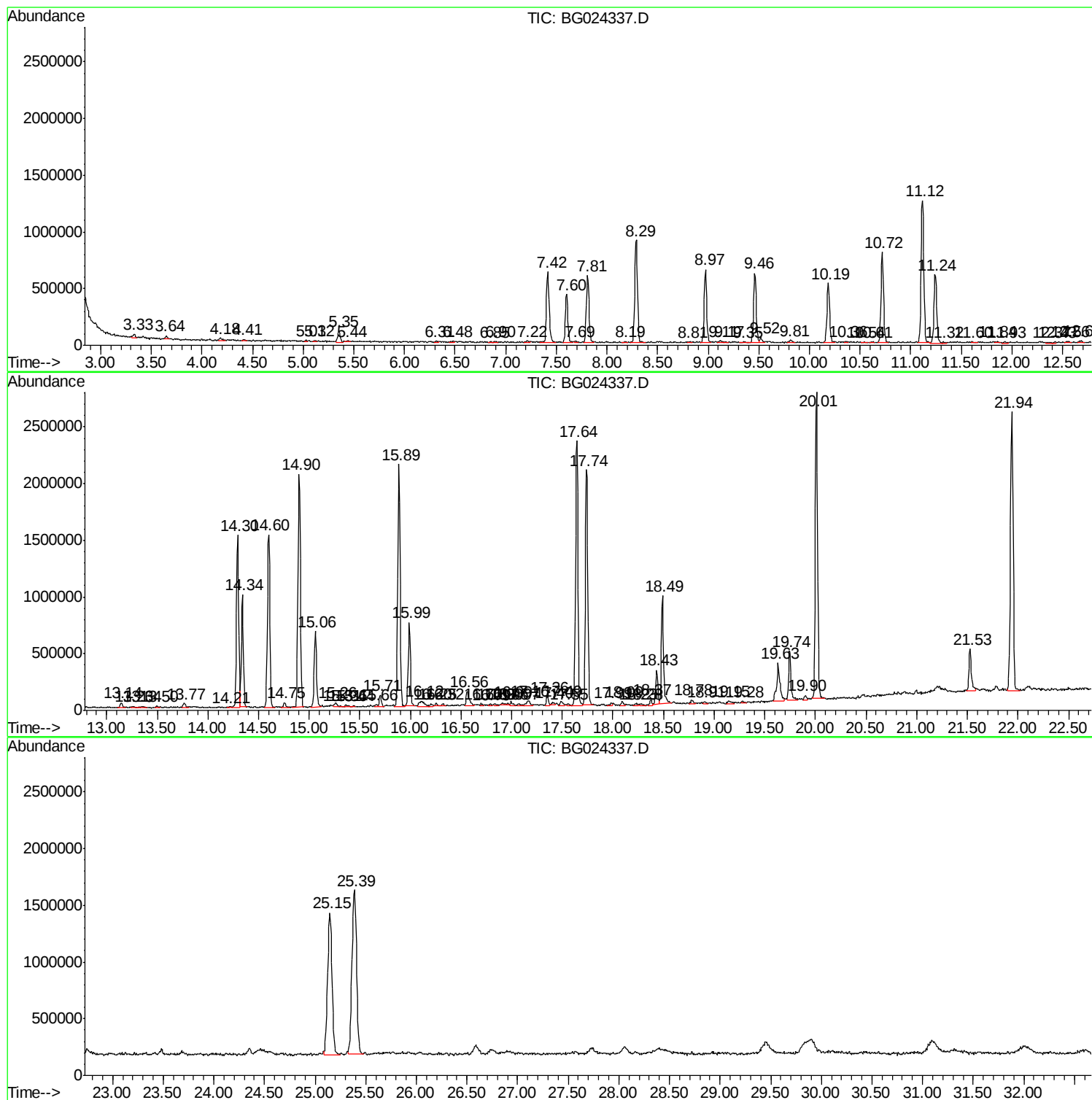
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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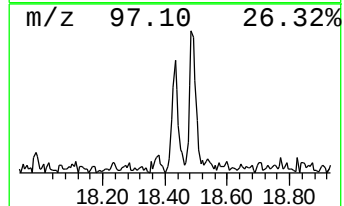
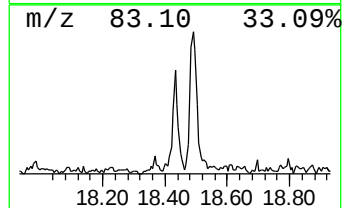
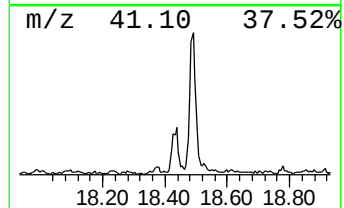
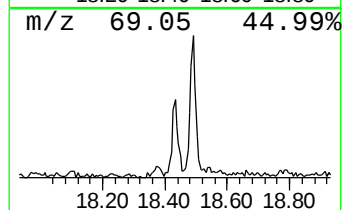
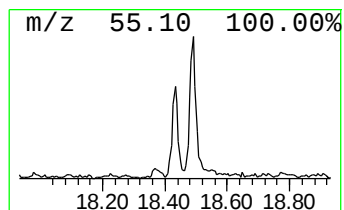
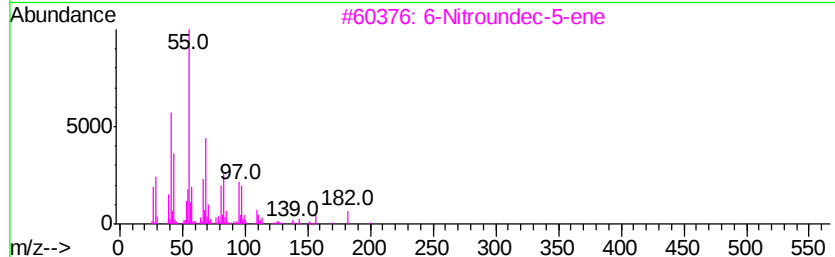
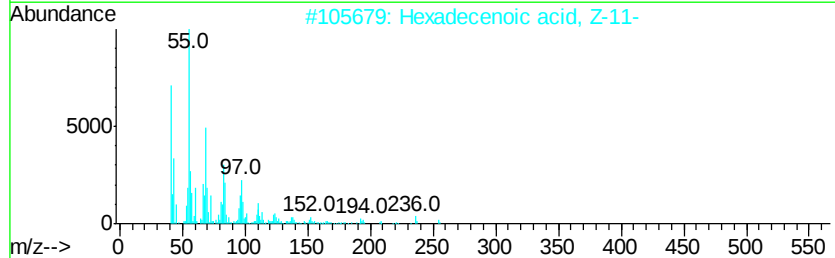
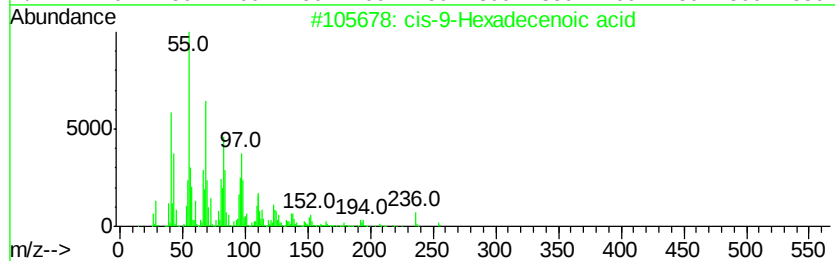
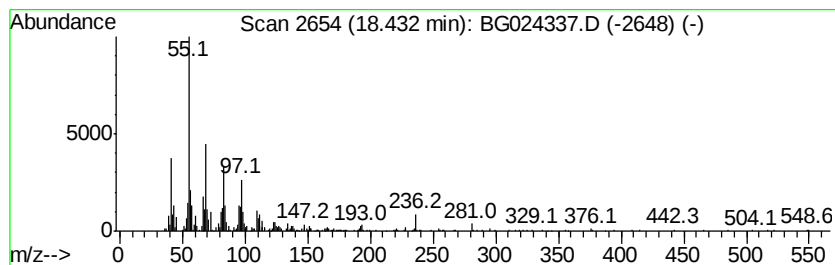
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 cis-9-Hexadecenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.30 ng/ul	437681	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	70
2		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	51
3		6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	43
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	42
5		Palmitoleic acid	254	C16H30O2	000373-49-9	38



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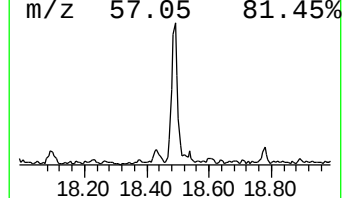
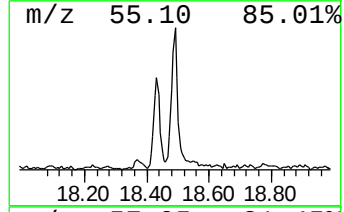
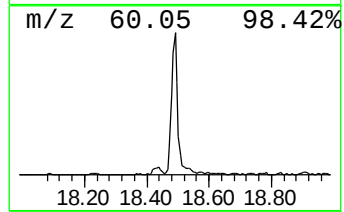
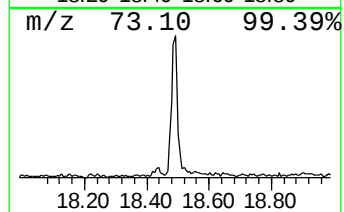
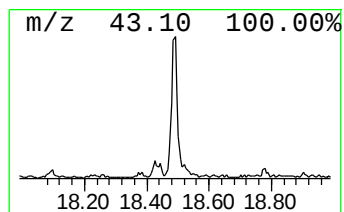
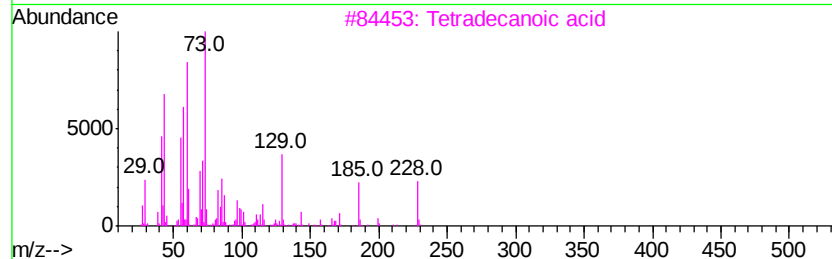
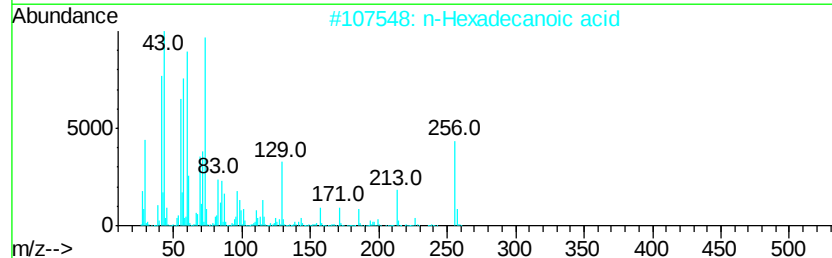
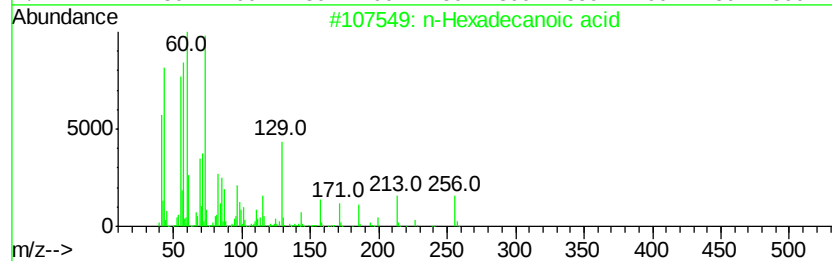
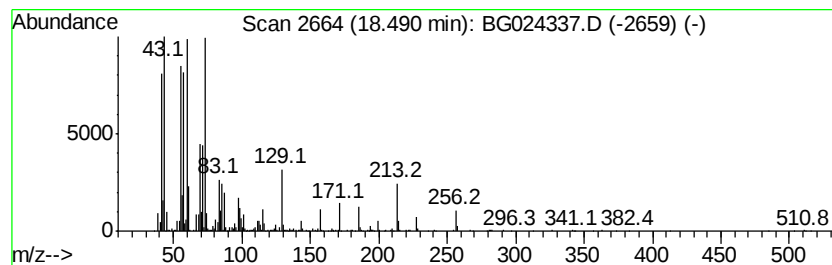
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	7.20 ng/ul	1370700	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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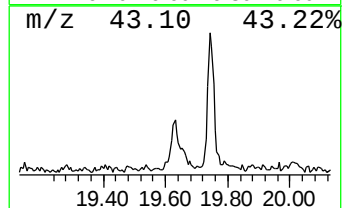
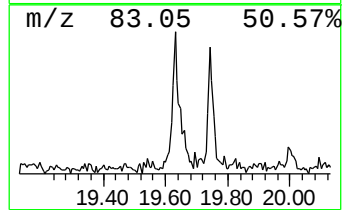
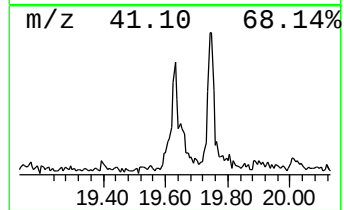
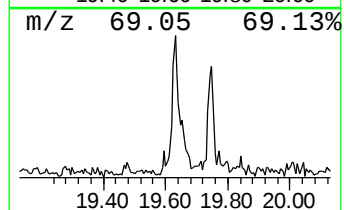
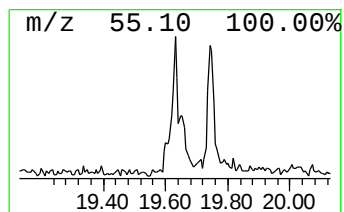
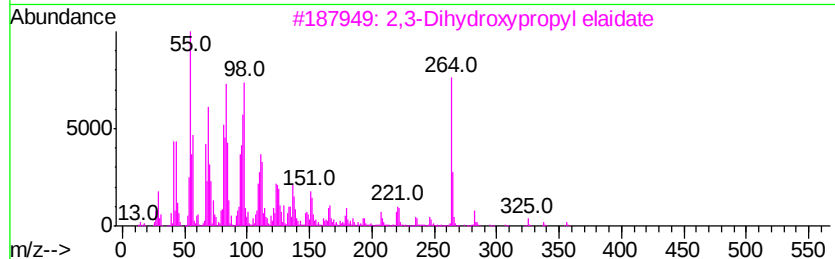
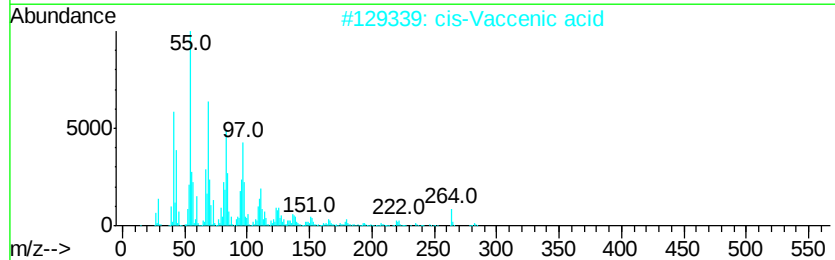
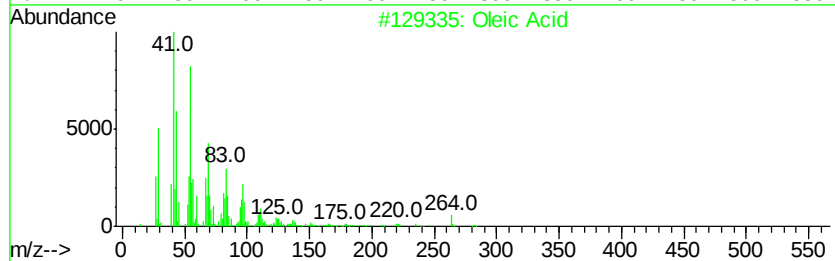
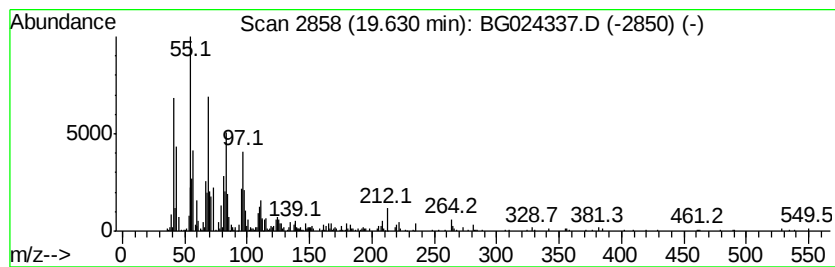
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Peak Number 3 Oleic Acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	3.85 ng/ul	732504	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid		282	C18H34O2	000112-80-1	95
2	cis-Vaccenic acid		282	C18H34O2	000506-17-2	83
3	2,3-Dihydroxypropyl elaidate		356	C21H40O4	002716-53-2	81
4	Cyclohexane, 1-(cyclohexylmethyl...)		208	C15H28	054934-92-8	78
5	cis-13-Octadecenoic acid		282	C18H34O2	013126-39-1	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024337.D
Acq On : 14 Oct 2016 1:36
Operator : UM/SJ
Sample : H5164-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM8

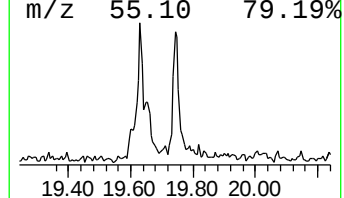
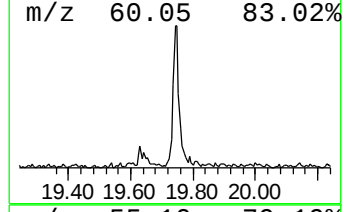
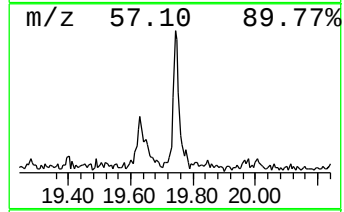
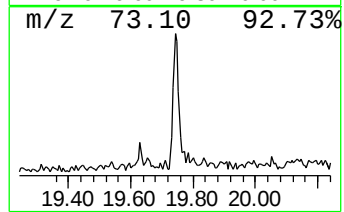
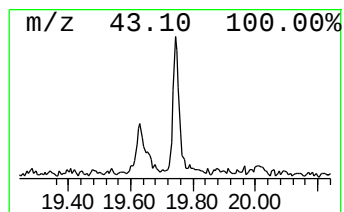
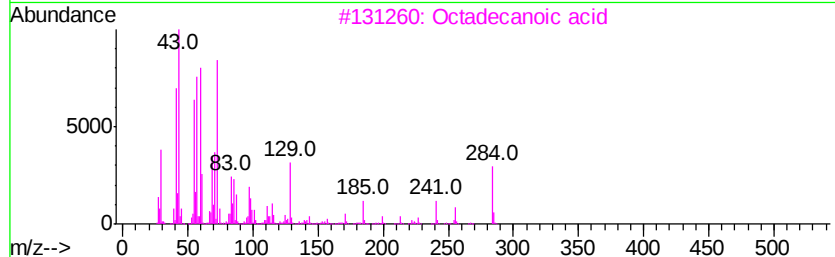
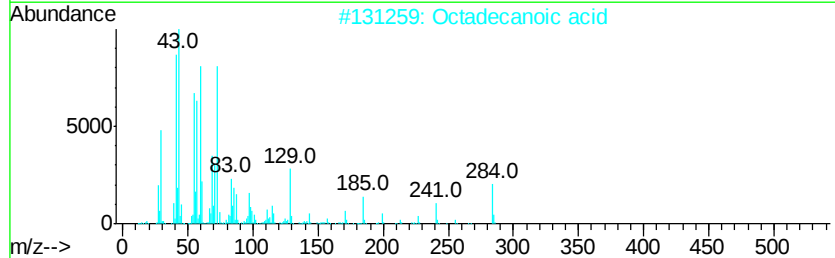
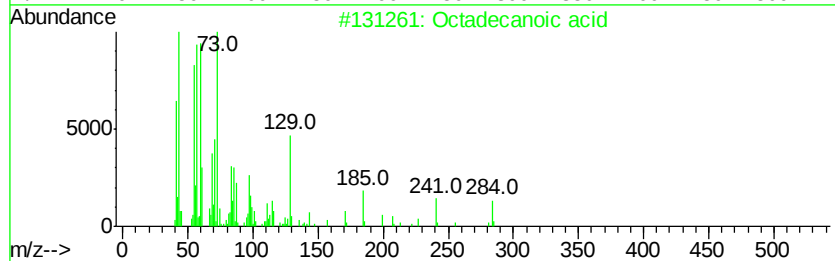
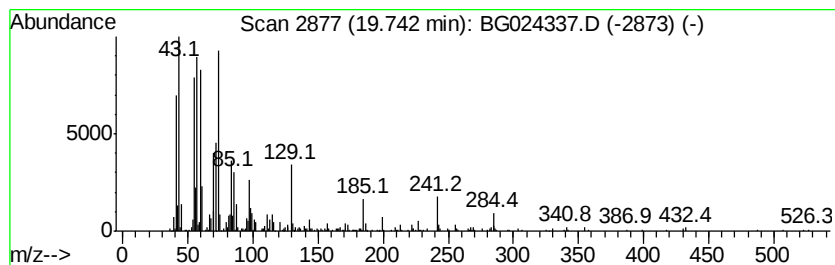
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Quant Title : SVOA CALIBRATION

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.
19.74	3.25 ng/ul	619359	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024337.D
Acq On : 14 Oct 2016 1:36
Operator : UM/SJ
Sample : H5164-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM8

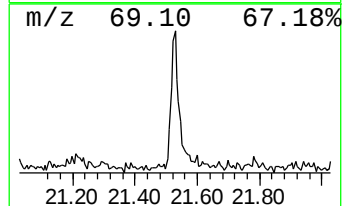
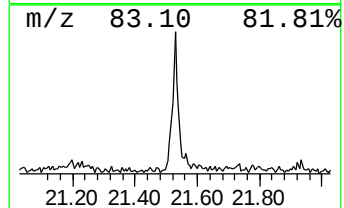
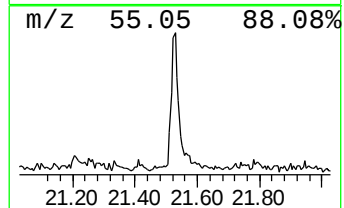
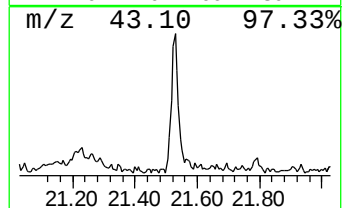
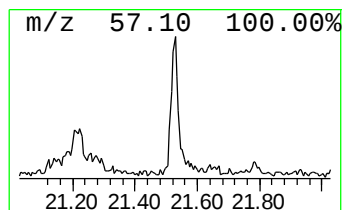
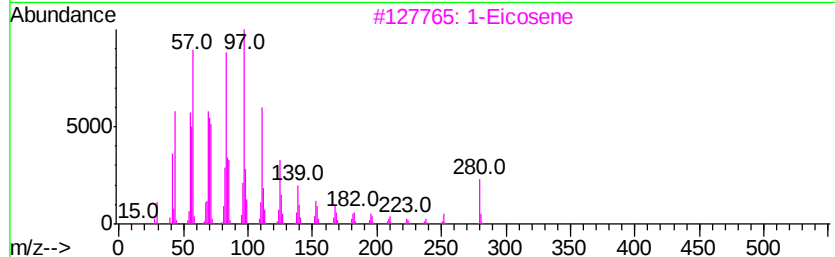
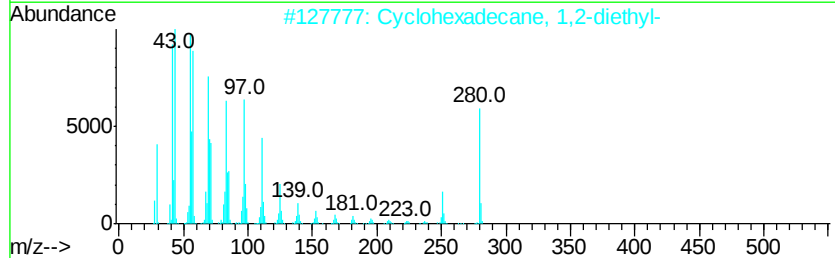
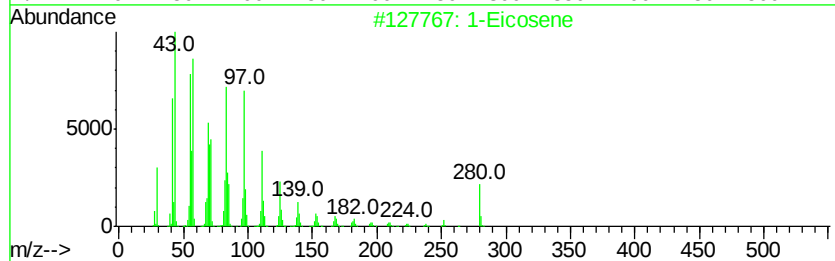
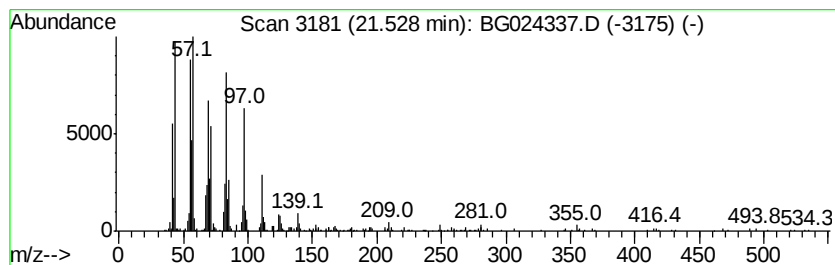
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.70 ng/ul	608128	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Eicosene	280	C20H40	003452-07-1	93
2		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
3		1-Eicosene	280	C20H40	003452-07-1	91
4		17-Pentatriacontene	491	C35H70	006971-40-0	90
5		Cyclotetradecane	196	C14H28	000295-17-0	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101316\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM8

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
cis-9-Hexadecenoic acid	18.43	2.3	ng/ul	437681	4	17.64	3807700	20.0
n-Hexadecanoic acid	18.49	7.2	ng/ul	1370700	4	17.64	3807700	20.0
Oleic Acid	19.63	3.9	ng/ul	732504	4	17.64	3807700	20.0
Octadecanoic acid	19.74	3.3	ng/ul	619359	4	17.64	3807700	20.0
(DEL) Alkane: Cyclohexyl	21.53	2.7	ng/ul	608128	5	21.94	4508910	20.0