

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
 Data File : BG024433.D
 Acq On : 18 Oct 2016 23:51
 Operator : UM/SJ
 Sample : H5231-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNN4

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	3.322	79	82	89	rVB6	41609	71289	1.53%	0.131%
2	3.416	94	98	101	rVB4	15257	21367	0.46%	0.039%
3	3.557	118	122	127	rBV6	10987	19092	0.41%	0.035%
4	3.645	132	137	142	rBV6	19822	37724	0.81%	0.069%
5	4.092	207	213	215	rVB6	15855	18079	0.39%	0.033%
6	4.180	222	228	236	rBV4	48363	77956	1.67%	0.143%
7	4.409	262	267	272	rBV7	14732	19106	0.41%	0.035%
8	5.050	372	376	381	rBV7	13852	16187	0.35%	0.030%
9	5.173	392	397	403	rVB8	6539	18428	0.40%	0.034%
10	5.349	424	427	432	rVB6	20261	28666	0.62%	0.052%
11	5.432	435	441	443	rBV7	13080	17615	0.38%	0.032%
12	5.766	495	498	502	rBV4	11008	20137	0.43%	0.037%
13	6.131	557	560	565	rVB3	8412	16511	0.35%	0.030%
14	6.577	629	636	638	rBV6	9804	17670	0.38%	0.032%
15	6.754	664	666	670	rBV4	10539	15257	0.33%	0.028%
16	7.218	741	745	750	rVB8	11080	18501	0.40%	0.034%
17	7.412	771	778	792	rVB2	508765	998319	21.44%	1.828%
18	7.594	802	809	818	rBV	325814	584043	12.54%	1.069%
19	7.805	837	845	854	rBV	459319	815799	17.52%	1.494%
20	8.281	915	926	936	rVV2	745725	1344850	28.88%	2.462%
21	8.487	955	961	968	rBV7	27131	49090	1.05%	0.090%
22	8.969	1030	1043	1053	rBV	549348	1021563	21.94%	1.870%
23	9.280	1094	1096	1102	rVB6	9359	14272	0.31%	0.026%
24	9.456	1114	1126	1133	rBV	510363	959227	20.60%	1.756%
25	9.515	1133	1136	1141	rVB4	22090	29345	0.63%	0.054%
26	9.591	1146	1149	1153	rVB7	14151	21188	0.45%	0.039%
27	9.803	1177	1185	1194	rBV10	11669	25697	0.55%	0.047%
28	10.179	1237	1249	1257	rBV2	445240	828197	17.78%	1.516%
29	10.338	1272	1276	1282	rVB6	10116	17043	0.37%	0.031%
30	10.714	1331	1340	1351	rBV	732065	1348493	28.96%	2.469%
31	11.113	1400	1408	1420	rVB	1152080	2216390	47.59%	4.058%
32	11.237	1421	1429	1440	rVV	417203	800002	17.18%	1.465%
33	11.583	1482	1488	1491	rBV7	7527	14739	0.32%	0.027%
34	11.654	1494	1500	1506	rVB9	8710	25225	0.54%	0.046%

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35	12.553	1647	1653	1657	rBV7	14847	30147	0.65%	0.055%
36	12.670	1667	1673	1677	rBV7	16351	34403	0.74%	0.063%
37	12.882	1703	1709	1710	rBV6	10097	15955	0.34%	0.029%
38	13.763	1852	1859	1866	rVB5	55936	106367	2.28%	0.195%
39	14.215	1930	1936	1938	rBV7	18808	30031	0.64%	0.055%
40	14.286	1939	1948	1953	rVV	1321043	2050637	44.04%	3.755%
41	14.333	1953	1956	1965	rVB	611229	854648	18.35%	1.565%
42	14.474	1974	1980	1981	rBV6	8652	16416	0.35%	0.030%
43	14.527	1984	1989	1992	rBV7	11378	19234	0.41%	0.035%
44	14.597	1992	2001	2009	rVV	1332902	2228976	47.86%	4.081%
45	14.750	2022	2027	2031	rBV5	26177	34842	0.75%	0.064%
46	14.838	2036	2042	2044	rBV7	11740	17716	0.38%	0.032%
47	14.897	2044	2052	2059	rVB	2050093	3297626	70.81%	6.038%
48	15.061	2072	2080	2087	rBV	661032	1084588	23.29%	1.986%
49	15.120	2087	2090	2095	rVB6	31024	45442	0.98%	0.083%
50	15.226	2104	2108	2118	rVB10	26749	68425	1.47%	0.125%
51	15.355	2126	2130	2136	rVB5	49013	73239	1.57%	0.134%
52	15.426	2138	2142	2151	rVB5	12973	27861	0.60%	0.051%
53	15.696	2183	2188	2192	rVB3	66542	95440	2.05%	0.175%
54	15.761	2194	2199	2201	rBV3	26293	29817	0.64%	0.055%
55	15.802	2201	2206	2209	rVV6	48759	71281	1.53%	0.131%
56	15.884	2209	2220	2230	rVV	1813192	3043472	65.36%	5.572%
57	15.984	2230	2237	2245	rVB	678226	1075249	23.09%	1.969%
58	16.125	2246	2261	2268	rBV	31117	122388	2.63%	0.224%
59	16.242	2278	2281	2286	rBV7	15268	20175	0.43%	0.037%
60	16.313	2288	2293	2302	rVB5	65081	139361	2.99%	0.255%
61	16.442	2311	2315	2321	rBV9	23755	34783	0.75%	0.064%
62	16.507	2323	2326	2329	rBV4	14424	17468	0.38%	0.032%
63	16.554	2330	2334	2345	rVV2	70935	134574	2.89%	0.246%
64	16.689	2355	2357	2363	rBV7	11452	22987	0.49%	0.042%
65	16.759	2363	2369	2374	rVB9	29823	64644	1.39%	0.118%
66	16.824	2379	2380	2386	rVB6	19086	24688	0.53%	0.045%
67	17.047	2413	2418	2427	rVB7	44144	82036	1.76%	0.150%
68	17.130	2427	2432	2433	rBV5	12848	17296	0.37%	0.032%
69	17.159	2433	2437	2442	rVV7	26045	35833	0.77%	0.066%
70	17.241	2442	2451	2460	rVB6	53330	87738	1.88%	0.161%
71	17.347	2465	2469	2475	rBV4	54190	96760	2.08%	0.177%

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72	17.429	2481	2483	2487	rVB5	20914	30682	0.66%	0.056%
73	17.476	2488	2491	2498	rVB6	39689	57474	1.23%	0.105%
74	17.547	2500	2503	2509	rVB8	25012	38942	0.84%	0.071%
75	17.641	2509	2519	2529	rBV	2362833	3916614	84.11%	7.171%
76	17.735	2529	2535	2546	rVB2	1908548	3023659	64.93%	5.536%
77	17.976	2571	2576	2585	rBV6	95401	174065	3.74%	0.319%
78	18.081	2590	2594	2597	rBV6	38237	52960	1.14%	0.097%
79	18.111	2597	2599	2605	rVB5	51251	66932	1.44%	0.123%
80	18.222	2614	2618	2623	rBV8	30065	38881	0.83%	0.071%
81	18.269	2623	2626	2634	rVB10	21443	38097	0.82%	0.070%
82	18.363	2636	2642	2646	rBV8	56646	93921	2.02%	0.172%
83	18.428	2648	2653	2657	rBV	514353	720136	15.46%	1.318%
84	18.481	2657	2662	2672	rVB2	807037	1111167	23.86%	2.034%
85	18.769	2708	2711	2717	rBV8	41383	74875	1.61%	0.137%
86	18.898	2729	2733	2738	rVB8	42814	57719	1.24%	0.106%
87	19.045	2754	2758	2763	rVB6	36230	57418	1.23%	0.105%
88	19.127	2770	2772	2776	rBV5	18059	27090	0.58%	0.050%
89	19.339	2803	2808	2814	rBV10	36782	97054	2.08%	0.178%
90	19.627	2848	2857	2871	rVB4	385455	846271	18.17%	1.549%
91	19.738	2872	2876	2887	rVB2	299199	400701	8.60%	0.734%
92	19.821	2887	2890	2895	rBV5	44132	67570	1.45%	0.124%
93	19.897	2900	2903	2910	rVB8	45574	67082	1.44%	0.123%
94	20.009	2914	2922	2933	rVB	2344819	3742232	80.36%	6.852%
95	21.524	3176	3180	3188	rBV7	122686	228853	4.91%	0.419%
96	21.783	3220	3224	3229	rVB2	115167	153035	3.29%	0.280%
97	21.936	3242	3250	3262	rVB	2495284	4473159	96.06%	8.190%
98	24.327	3654	3657	3667	rVB	104987	232215	4.99%	0.425%
99	25.138	3785	3795	3807	rVB3	1074169	3272707	70.28%	5.992%
100	25.379	3824	3836	3851	rVB3	1398189	4656803	100.00%	8.526%

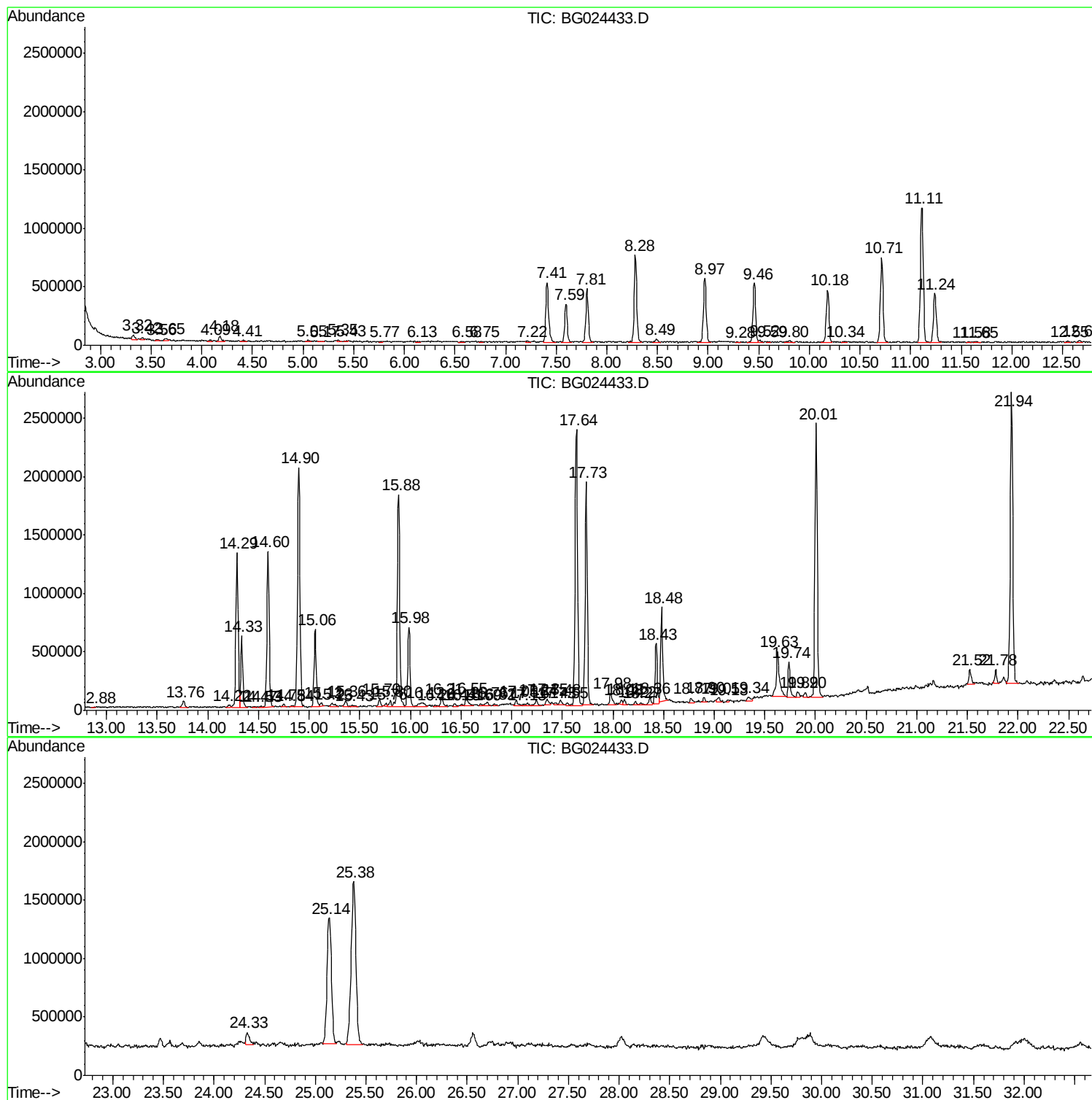
Sum of corrected areas: 54617924

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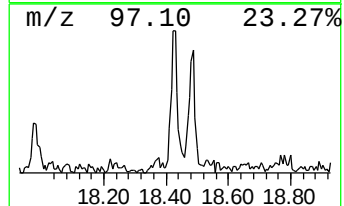
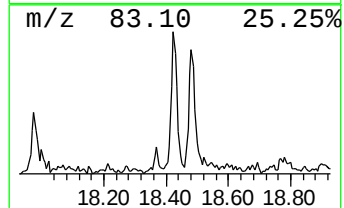
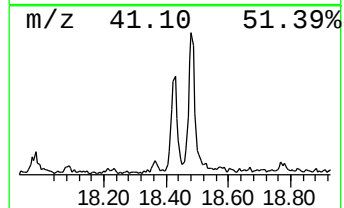
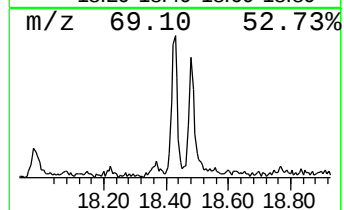
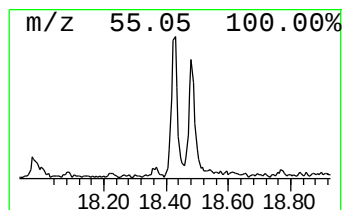
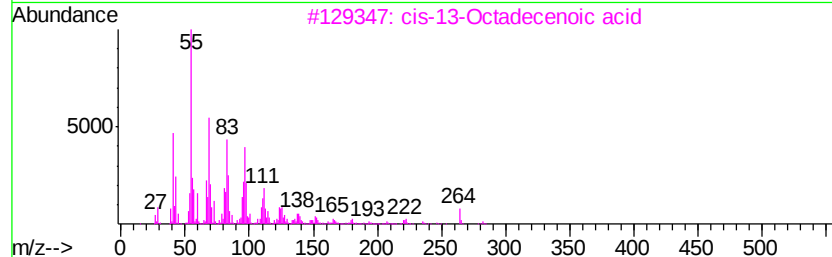
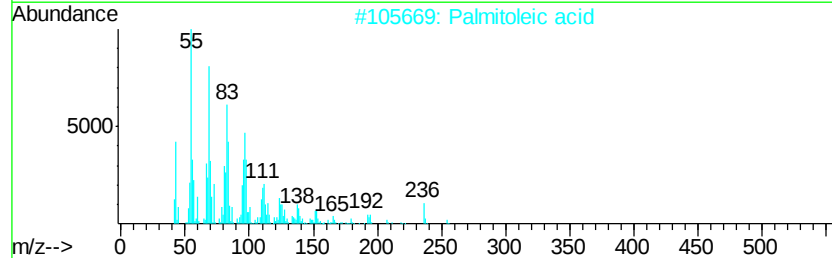
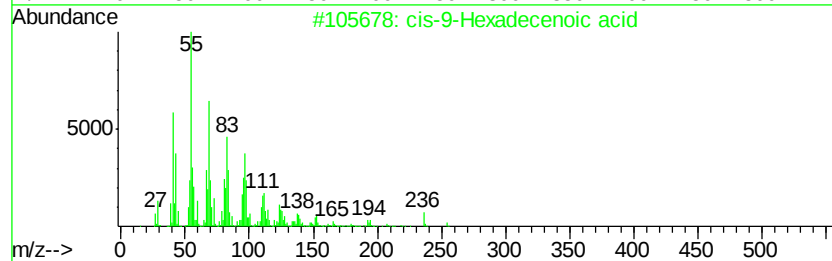
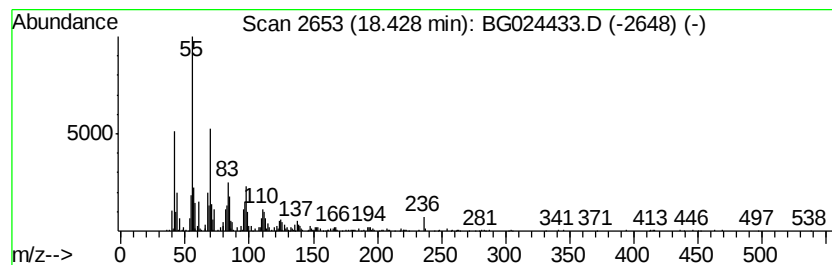
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 cis-9-Hexadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.68 ng/ul	720136	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	96
2		Palmitoleic acid	254	C16H30O2	000373-49-9	96
3		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	90
4		cis-Vaccenic acid	282	C18H34O2	000506-17-2	90
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	87



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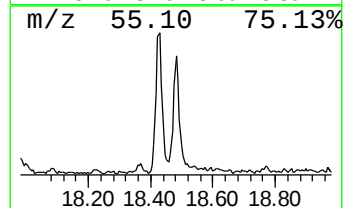
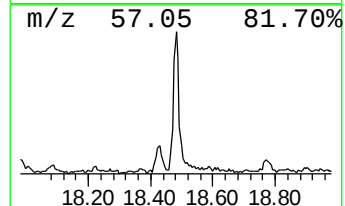
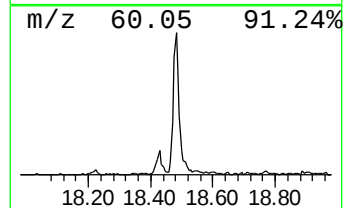
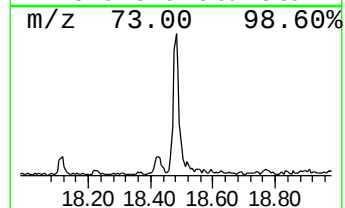
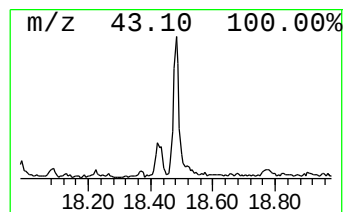
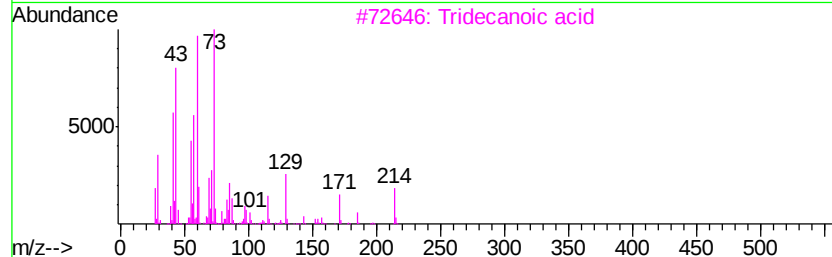
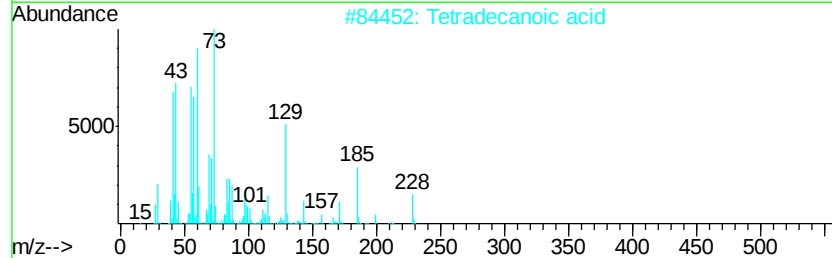
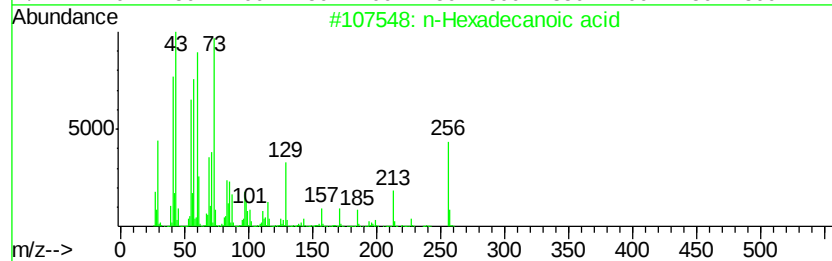
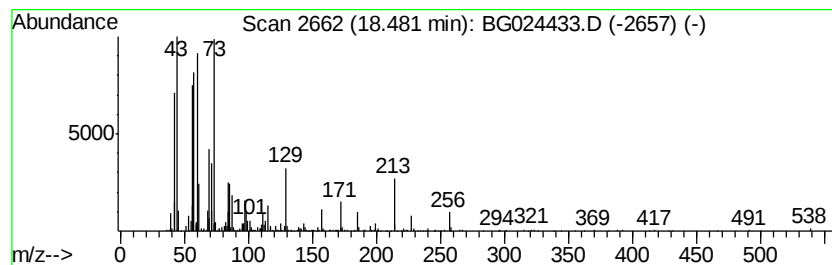
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	5.67 ng/ul	1111170	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	74
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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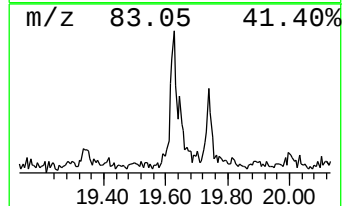
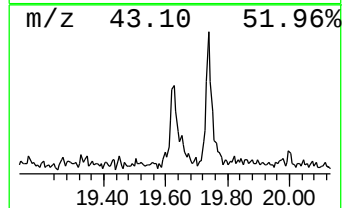
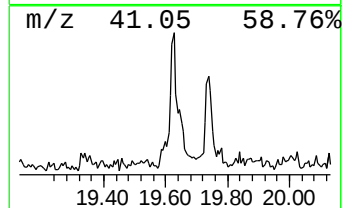
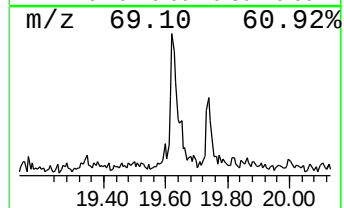
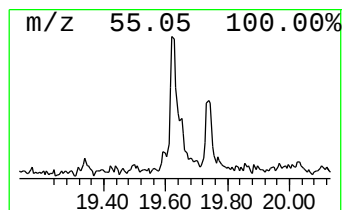
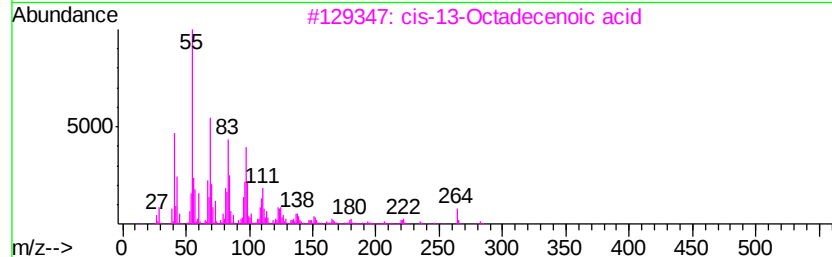
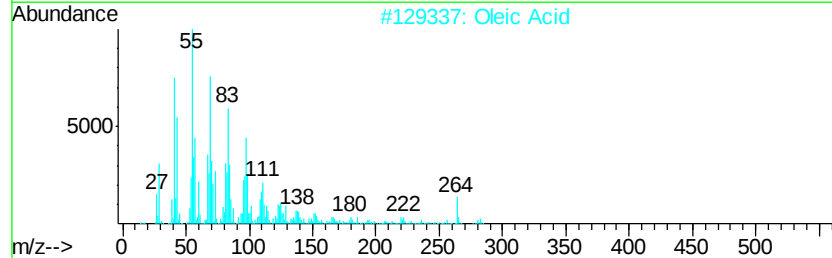
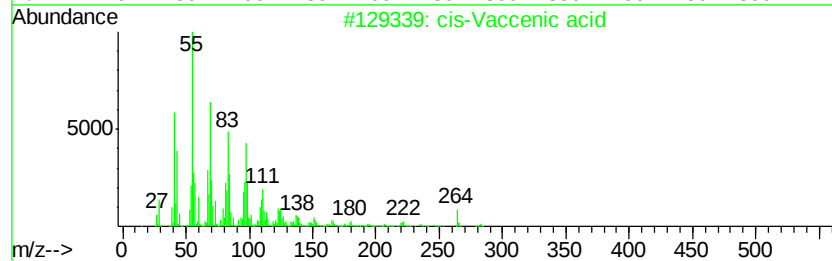
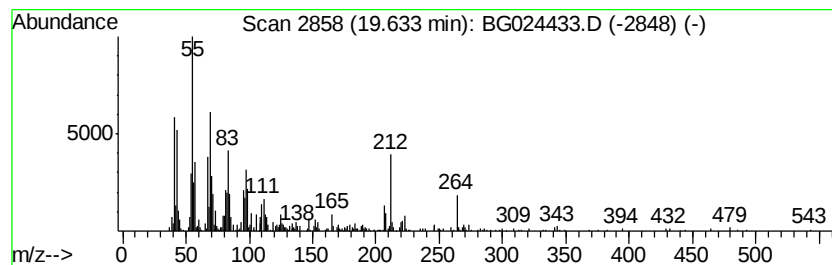
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Peak Number 3 cis-Vaccenic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.63	4.32 ng/ul	846271	Phenanthrene-d10		17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid		282	C18H34O2	000506-17-2	94
2	Oleic Acid		282	C18H34O2	000112-80-1	93
3	cis-13-Octadecenoic acid		282	C18H34O2	013126-39-1	93
4	9-Octadecenoic acid, (E)-		282	C18H34O2	000112-79-8	93
5	Erucic acid		338	C22H42O2	000112-86-7	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024433.D
Acq On : 18 Oct 2016 23:51
Operator : UM/SJ
Sample : H5231-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNN4

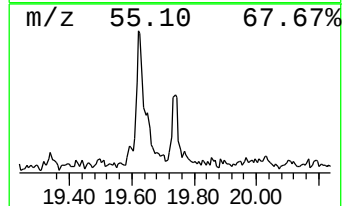
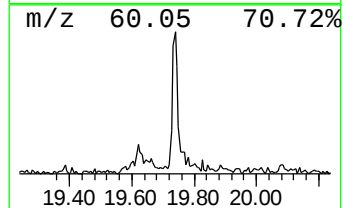
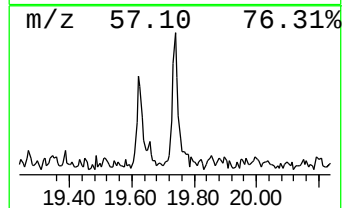
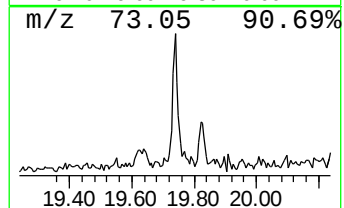
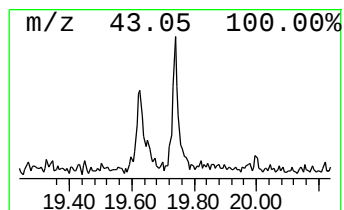
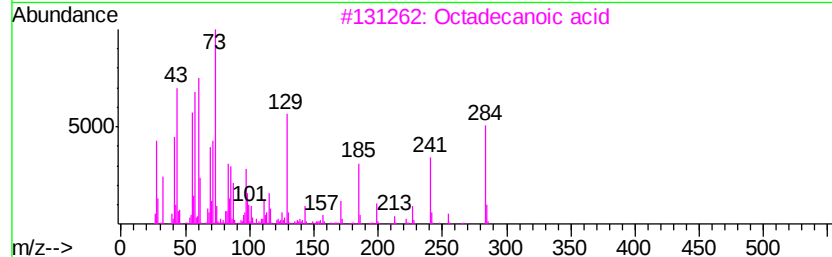
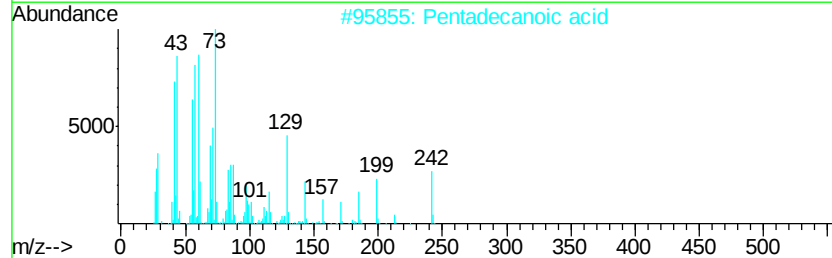
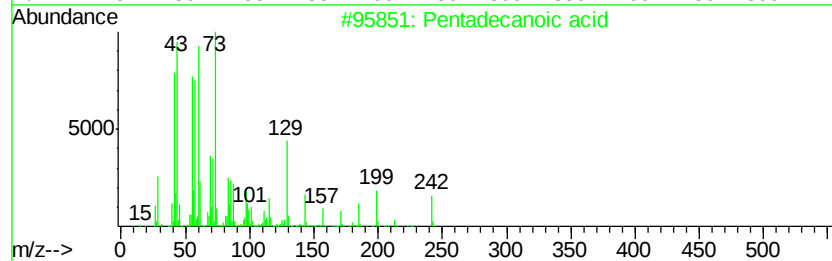
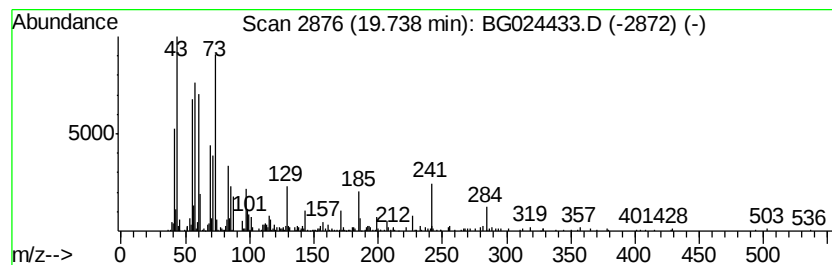
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.05 ng/ul	400701	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid		242	C15H30O2	001002-84-2	90
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	86
3	Octadecanoic acid		284	C18H36O2	000057-11-4	83
4	Octadecanoic acid		284	C18H36O2	000057-11-4	81
5	Octadecanoic acid		284	C18H36O2	000057-11-4	64



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Instrument :
BNA_G
ClientSampleId :
BDNN4

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	3.7	ng/ul	720136	4	17.64	3916610	20.0
n-Hexadecanoic acid	18.48	5.7	ng/ul	1111170	4	17.64	3916610	20.0
cis-Vaccenic acid	19.63	4.3	ng/ul	846271	4	17.64	3916610	20.0
Pentadecanoic acid	19.74	2.0	ng/ul	400701	4	17.64	3916610	20.0