

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028436.D
 Acq On : 23 Aug 2017 3:17
 Operator : SJ/JU
 Sample : I4713-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB2

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\SOM-EPA-BG080217.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	3.738	23	25	28	rBV3	2882	2747	0.30%	0.028%
2	3.820	35	39	44	rBV4	3961	6389	0.70%	0.065%
3	3.926	55	57	61	rVB3	3566	3339	0.36%	0.034%
4	3.967	61	64	68	rBV3	2793	3345	0.37%	0.034%
5	4.096	82	86	89	rBV3	5599	6730	0.73%	0.068%
6	4.460	142	148	151	rBV4	3671	8267	0.90%	0.084%
7	4.502	152	155	158	rVV3	2395	2796	0.31%	0.028%
8	4.560	162	165	171	rVB6	3628	5738	0.63%	0.058%
9	4.754	193	198	207	rVB4	3212	6022	0.66%	0.061%
10	4.919	221	226	231	rBV4	1719	3192	0.35%	0.032%
11	5.025	243	244	253	rVB4	1912	4154	0.45%	0.042%
12	5.183	267	271	277	rVB5	2700	4839	0.53%	0.049%
13	5.371	296	303	306	rVB2	2055	2773	0.30%	0.028%
14	5.442	311	315	324	rVB6	4102	8572	0.94%	0.087%
15	5.718	358	362	366	rVB3	2558	4907	0.54%	0.050%
16	5.753	366	368	370	rBV	2946	2579	0.28%	0.026%
17	5.794	374	375	383	rBV4	2191	4479	0.49%	0.045%
18	5.912	388	395	400	rBV5	2374	3989	0.44%	0.040%
19	6.247	449	452	456	rVB4	2448	3879	0.42%	0.039%
20	6.288	456	459	464	rBV3	3156	5148	0.56%	0.052%
21	6.793	541	545	547	rBV2	2699	2751	0.30%	0.028%
22	7.010	579	582	586	rVB3	1994	3580	0.39%	0.036%
23	7.339	629	638	640	rBV3	4400	9484	1.04%	0.096%
24	7.498	657	665	679	rBV2	79834	166133	18.14%	1.678%
25	7.657	682	692	702	rBV	52283	97965	10.70%	0.990%
26	7.880	723	730	737	rBV2	76039	138601	15.13%	1.400%
27	8.015	749	753	755	rVB3	2298	2563	0.28%	0.026%
28	8.344	802	809	820	rVB	145077	260419	28.43%	2.631%
29	8.456	825	828	834	rVV3	1972	2773	0.30%	0.028%
30	8.838	889	893	898	rVB3	2723	4410	0.48%	0.045%
31	8.885	898	901	905	rBV2	2541	4228	0.46%	0.043%
32	9.043	920	928	944	rBV2	93507	187835	20.51%	1.898%
33	9.167	948	949	956	rBV3	1381	2908	0.32%	0.029%
34	9.513	1001	1008	1019	rBV2	76703	155799	17.01%	1.574%

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35	9.607	1019	1024	1028	rVV4	5269	9683	1.06%	0.098%
36	9.643	1028	1030	1034	rVB3	4219	5255	0.57%	0.053%
37	10.171	1117	1120	1124	rVV3	2428	2906	0.32%	0.029%
38	10.236	1124	1131	1142	rVB2	71673	140113	15.30%	1.415%
39	10.465	1167	1170	1174	rVB3	1738	2810	0.31%	0.028%
40	10.782	1213	1224	1236	rBV3	111494	230310	25.14%	2.327%
41	10.929	1242	1249	1254	rBV5	3115	7759	0.85%	0.078%
42	11.017	1262	1264	1266	rBV2	2525	2499	0.27%	0.025%
43	11.059	1267	1271	1273	rVV3	1963	2703	0.30%	0.027%
44	11.094	1273	1277	1280	rVV3	3186	4776	0.52%	0.048%
45	11.164	1280	1289	1302	rVB	234231	439133	47.94%	4.436%
46	11.294	1302	1311	1323	rBV2	61341	136974	14.95%	1.384%
47	12.110	1444	1450	1452	rBV4	2752	3745	0.41%	0.038%
48	12.134	1452	1454	1460	rVB3	2200	3018	0.33%	0.030%
49	12.480	1509	1513	1517	rVB3	2624	4983	0.54%	0.050%
50	12.522	1517	1520	1526	rBV3	3448	6931	0.76%	0.070%
51	12.621	1531	1537	1542	rBV5	2188	4875	0.53%	0.049%
52	13.297	1645	1652	1660	rVB6	5019	12814	1.40%	0.129%
53	13.397	1667	1669	1672	rBV3	2039	2439	0.27%	0.025%
54	13.462	1677	1680	1687	rVB4	3124	5893	0.64%	0.060%
55	13.544	1687	1694	1699	rVB4	6205	11426	1.25%	0.115%
56	13.603	1699	1704	1706	rBV2	1975	3260	0.36%	0.033%
57	13.738	1724	1727	1731	rBV2	4585	6012	0.66%	0.061%
58	13.826	1736	1742	1746	rBV5	4645	6707	0.73%	0.068%
59	14.267	1815	1817	1821	rVB3	2924	2967	0.32%	0.030%
60	14.343	1821	1830	1834	rBV	220594	355002	38.76%	3.586%
61	14.384	1834	1837	1844	rVB	130952	190535	20.80%	1.925%
62	14.649	1874	1882	1891	rBV	238510	385997	42.14%	3.899%
63	14.801	1904	1908	1913	rBV4	5425	9506	1.04%	0.096%
64	14.954	1918	1934	1942	rBV	393174	674723	73.66%	6.816%
65	15.160	1960	1969	1977	rBV2	54659	119566	13.05%	1.208%
66	15.307	1990	1994	1995	rBV4	4233	3955	0.43%	0.040%
67	15.342	1996	2000	2002	rBV4	3936	4946	0.54%	0.050%
68	15.495	2021	2026	2028	rBV4	2842	4816	0.53%	0.049%
69	15.589	2038	2042	2044	rBV3	2576	3165	0.35%	0.032%
70	15.712	2058	2063	2065	rBV2	6389	7886	0.86%	0.080%
71	15.753	2065	2070	2075	rVB2	14865	21459	2.34%	0.217%

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72	15.900	2088	2095	2096	rBV5	5410	9414	1.03%	0.095%
73	15.941	2096	2102	2110	rVB	330228	521532	56.94%	5.269%
74	16.059	2117	2122	2129	rBV2	87207	135759	14.82%	1.371%
75	16.159	2132	2139	2150	rBV9	7865	21671	2.37%	0.219%
76	16.300	2160	2163	2165	rVB4	4245	3743	0.41%	0.038%
77	16.341	2168	2170	2173	rVB4	3018	3124	0.34%	0.032%
78	16.376	2173	2176	2178	rBV3	4431	4722	0.52%	0.048%
79	16.452	2186	2189	2191	rVV3	2431	2796	0.31%	0.028%
80	16.617	2213	2217	2225	rBV6	16405	35759	3.90%	0.361%
81	16.746	2235	2239	2241	rBV4	4305	4777	0.52%	0.048%
82	17.063	2290	2293	2298	rBV5	4787	8237	0.90%	0.083%
83	17.404	2347	2351	2358	rBV3	13469	23372	2.55%	0.236%
84	17.545	2374	2375	2378	rBV3	3679	4371	0.48%	0.044%
85	17.704	2394	2402	2413	rBV	488674	837297	91.41%	8.458%
86	17.804	2413	2419	2429	rVB	315824	513602	56.07%	5.188%
87	17.880	2430	2432	2434	rVB3	3804	3023	0.33%	0.031%
88	18.050	2457	2461	2464	rBV5	7266	11003	1.20%	0.111%
89	18.150	2473	2478	2483	rBV4	12214	21466	2.34%	0.217%
90	18.497	2532	2537	2542	rBV	156624	244500	26.69%	2.470%
91	18.550	2542	2546	2556	rVB2	138963	222858	24.33%	2.251%
92	18.832	2592	2594	2605	rVB2	13959	32261	3.52%	0.326%
93	18.932	2606	2611	2617	rBV10	9857	23998	2.62%	0.242%
94	19.737	2746	2748	2754	rVB	60285	85404	9.32%	0.863%
95	19.807	2756	2760	2768	rBV2	75967	109070	11.91%	1.102%
96	20.077	2800	2806	2816	rVB2	407230	695830	75.97%	7.029%
97	22.034	3132	3139	3145	rBV	502964	915987	100.00%	9.253%
98	23.961	3464	3467	3474	rVB5	59227	98660	10.77%	0.997%
99	25.295	3686	3694	3706	rBV2	172881	517085	56.45%	5.224%
100	25.542	3728	3736	3747	rVB3	268589	812770	88.73%	8.211%

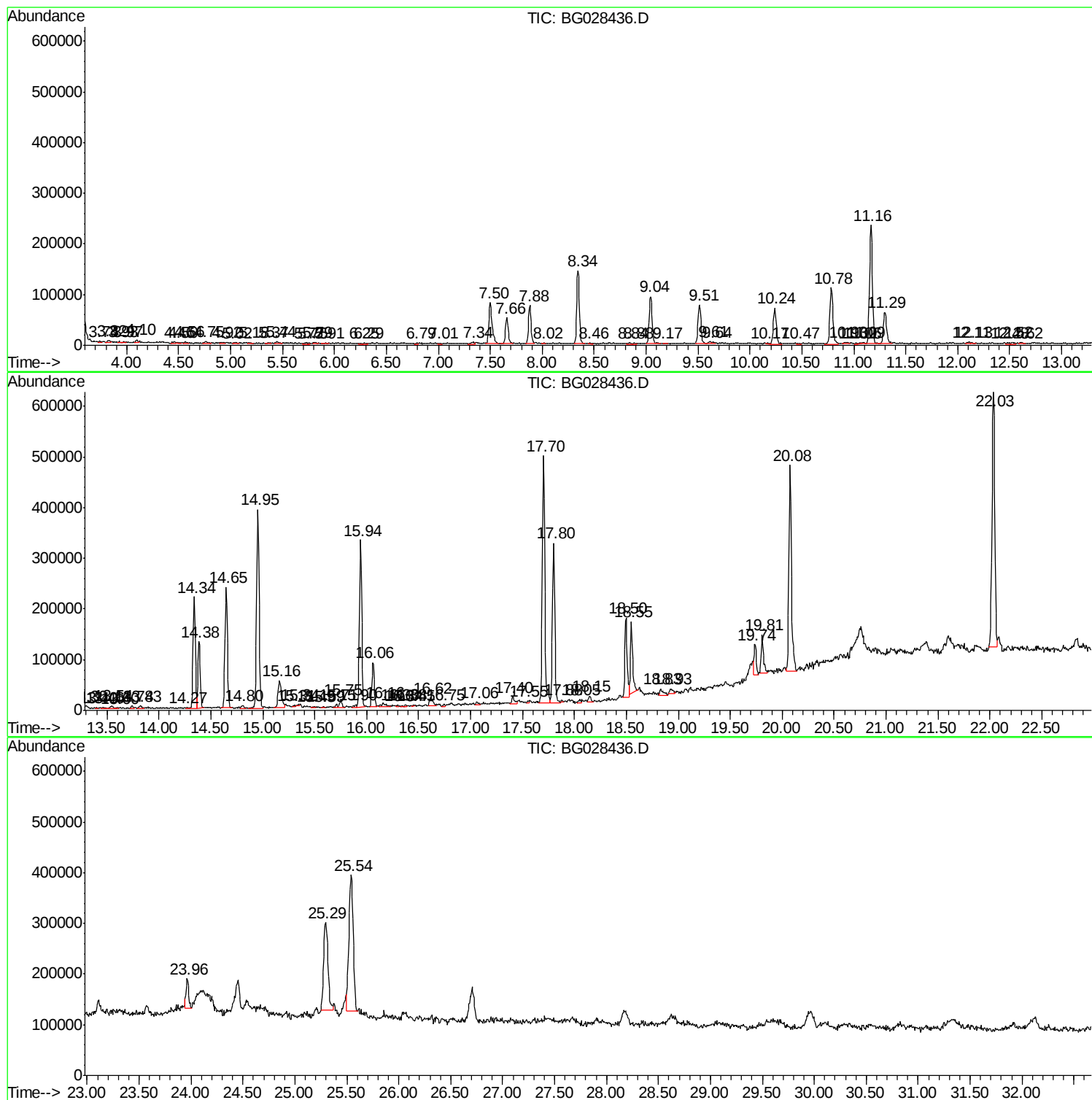
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Quant Title : SVOA CALIBRATION

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



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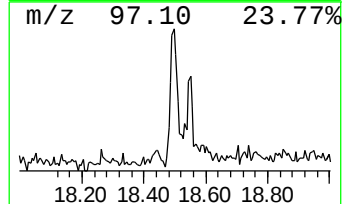
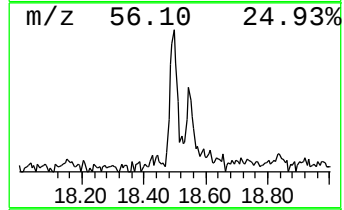
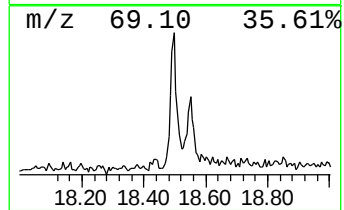
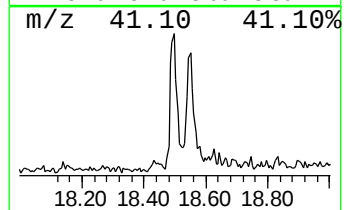
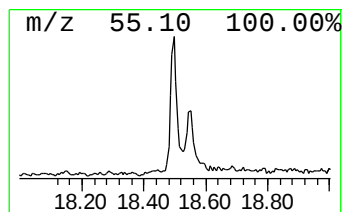
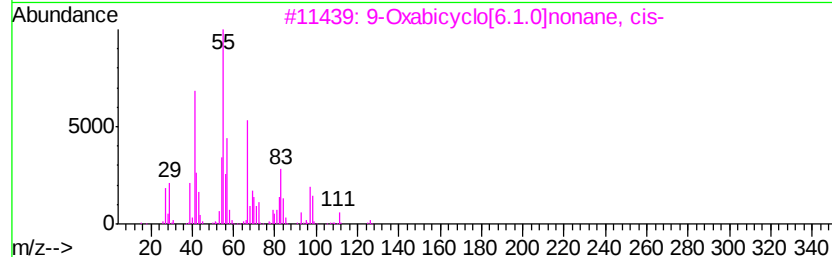
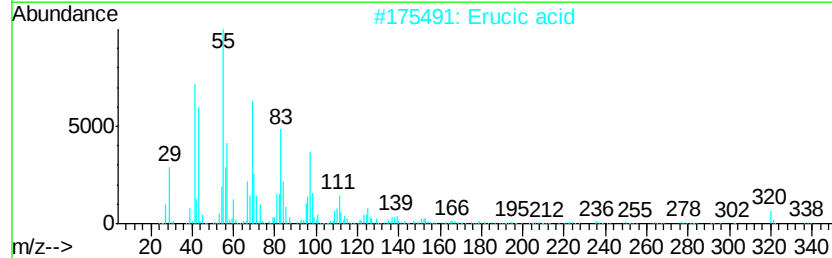
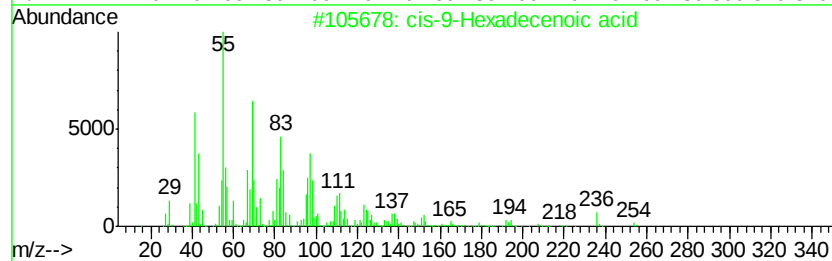
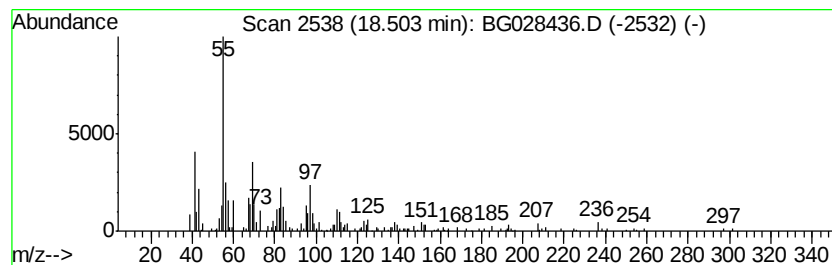
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.50	5.84 ng/ul	244500	Phenanthrene-d10	17.70		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	90
2		Erucic acid	338	C22H42O2	000112-86-7	64
3		9-Oxabicyclo[6.1.0]nonane, cis-	126	C8H14O	004925-71-7	62
4		9-Oxabicyclo[6.1.0]nonane	126	C8H14O	000286-62-4	58
5		9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	53



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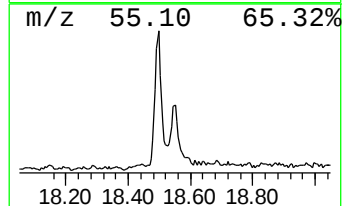
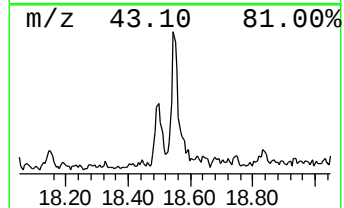
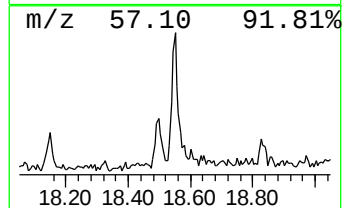
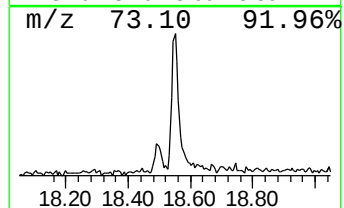
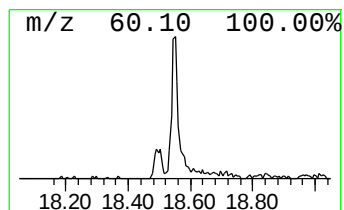
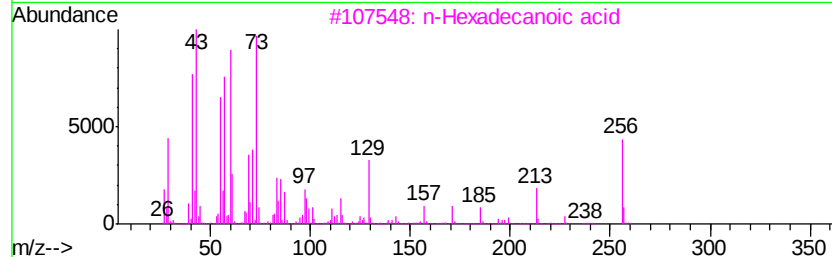
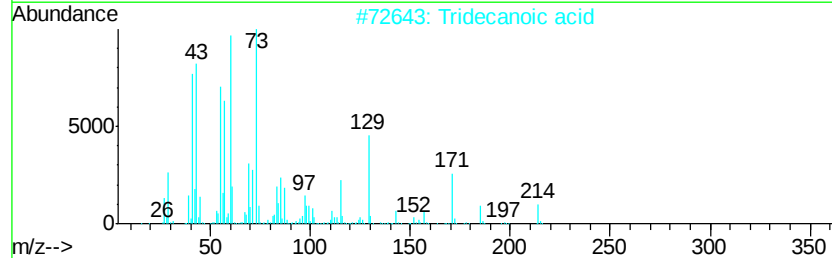
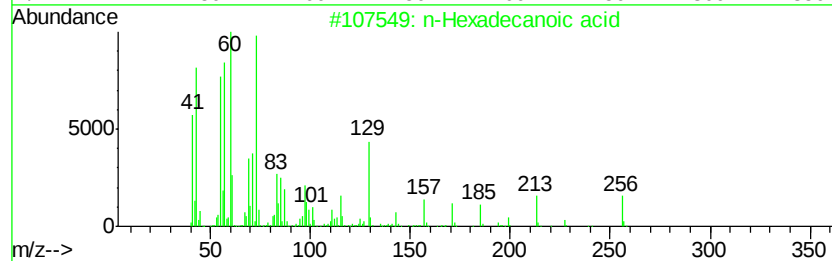
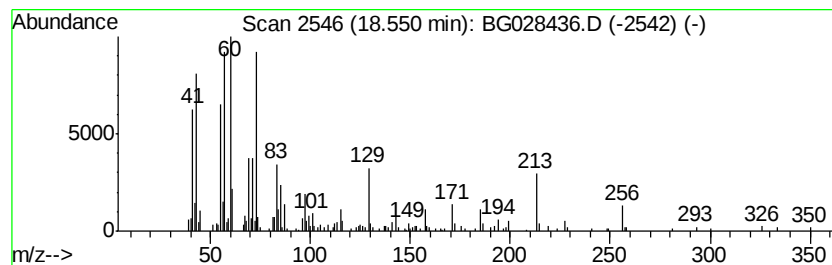
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.55	5.32 ng/ul	222858	Phenanthrene-d10		17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	



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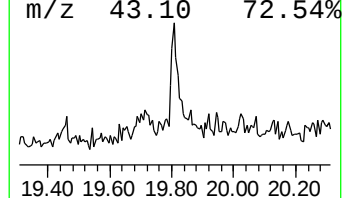
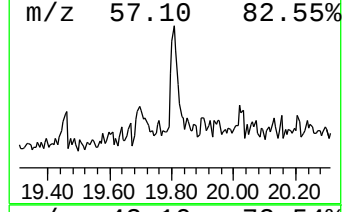
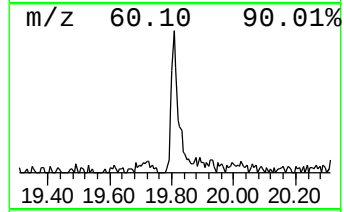
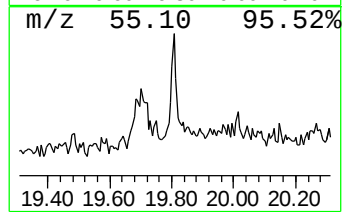
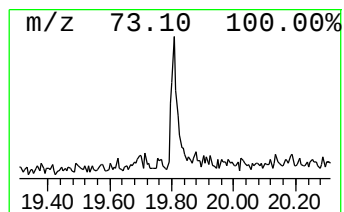
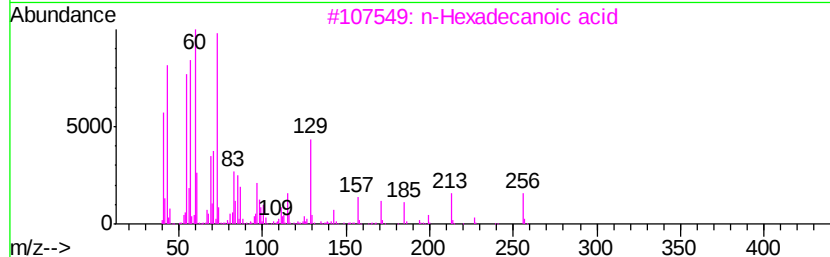
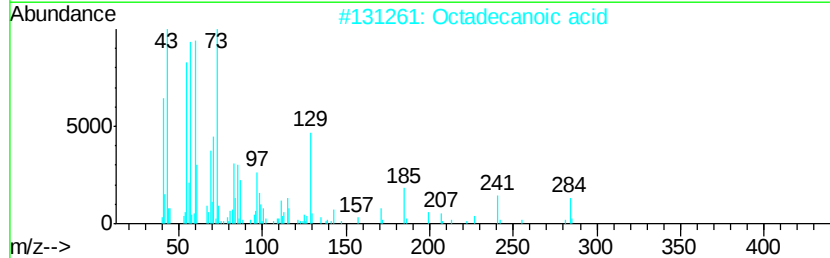
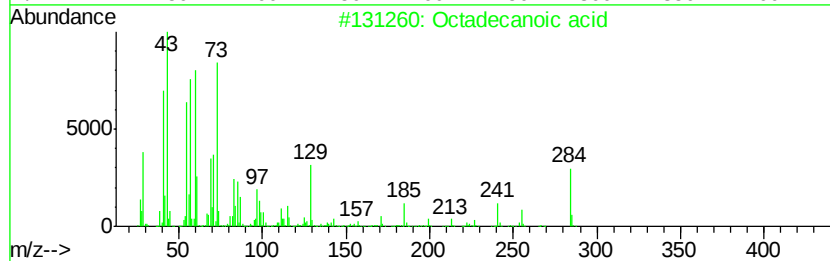
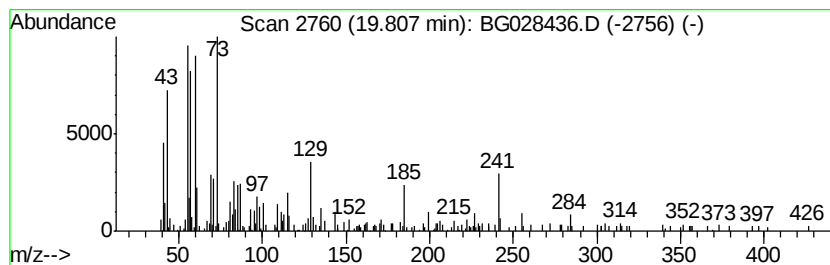
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.61 ng/ul	109070	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		Octadecanoic acid	284	C18H36O2	000057-11-4	90
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028436.D
Acq On : 23 Aug 2017 3:17
Operator : SJ/JU
Sample : I4713-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

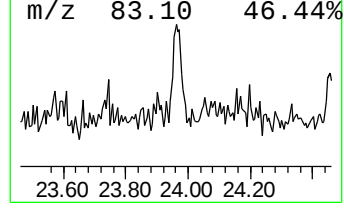
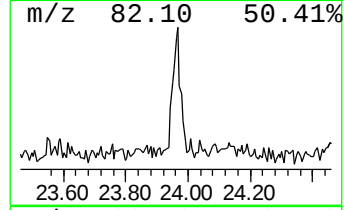
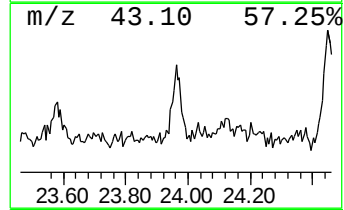
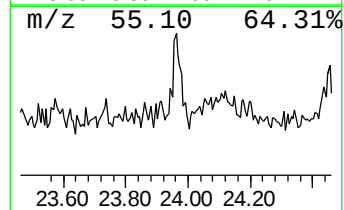
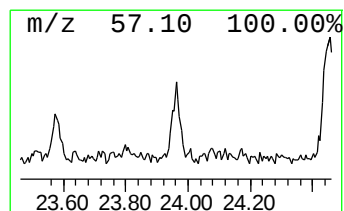
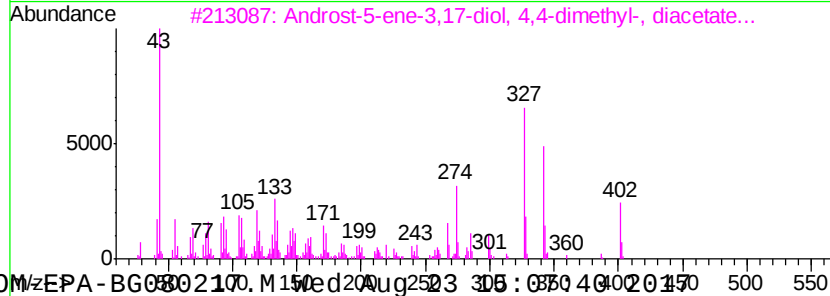
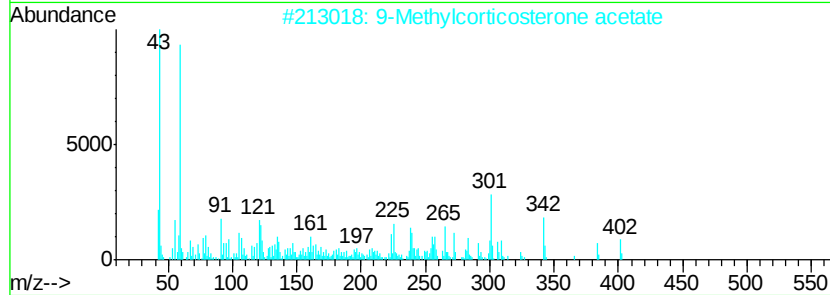
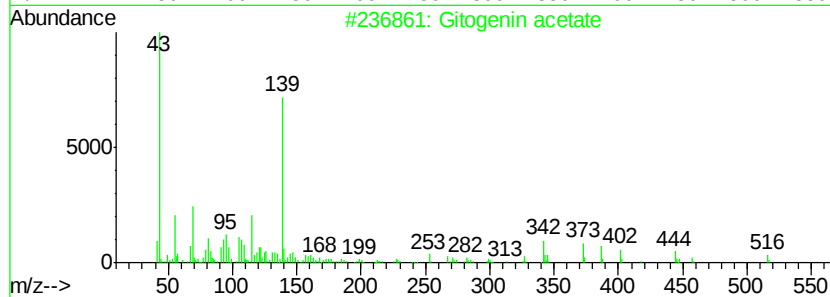
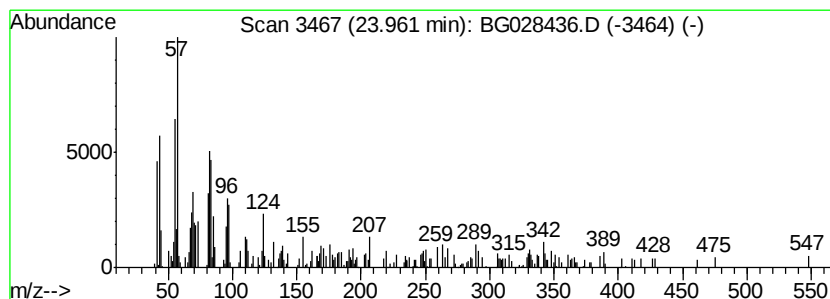
Instrument :
BNA_G
ClientSampleId :
E7GB2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
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.	
23.96	2.43 ng/ul	98660	Perylene-d12		25.54	
Hit# of	4	Tentative ID	MW	MolForm	CAS#	Qual
1		Gitogenin acetate	516	C31H48O6	003399-20-0	7
2		9-Methylcorticosterone acetate	402	C24H34O5	1000128-16-0	7
3		Androst-5-ene-3,17-diol, 4,4-dim...	402	C25H38O4	007673-20-3	4
4		Ethyl 3,3,3-trifluoro-2-propiona...	474	C18H20F6N2O6	1000225-31-8	2



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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	18.50	5.8	ng/ul	244500	4	17.70	837297	20.0
n-Hexadecanoic acid	18.55	5.3	ng/ul	222858	4	17.70	837297	20.0
Octadecanoic acid	19.81	2.6	ng/ul	109070	4	17.70	837297	20.0
unknown-01	23.96	2.4	ng/ul	98660	6	25.54	812770	20.0