

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
 Data File : BG024349.D
 Acq On : 14 Oct 2016 12:43
 Operator : UM/SJ
 Sample : H5187-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDPD0

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	3.642	133	137	143	rBV4	28762	54246	1.09%	0.093%
2	3.936	186	187	193	rBV6	11791	15838	0.32%	0.027%
3	4.294	247	248	256	rBV8	8355	18564	0.37%	0.032%
4	4.412	265	268	271	rVB4	10493	11903	0.24%	0.021%
5	4.576	292	296	298	rVB3	12017	14488	0.29%	0.025%
6	5.034	370	374	377	rBV4	6280	11430	0.23%	0.020%
7	5.117	386	388	392	rVB4	12245	13083	0.26%	0.023%
8	5.340	421	426	429	rBV6	8172	16183	0.32%	0.028%
9	5.663	475	481	482	rVV5	5637	12014	0.24%	0.021%
10	5.939	524	528	531	rVB5	9036	14257	0.29%	0.025%
11	6.074	549	551	557	rBV6	8509	12945	0.26%	0.022%
12	6.339	591	596	599	rBV5	11243	22835	0.46%	0.039%
13	6.462	612	617	618	rBV5	11940	14157	0.28%	0.024%
14	6.726	656	662	665	rBV7	9401	18899	0.38%	0.033%
15	6.820	673	678	679	rBV5	10522	14709	0.29%	0.025%
16	6.850	680	683	689	rVV5	10299	19351	0.39%	0.033%
17	6.909	689	693	697	rVB7	11373	16412	0.33%	0.028%
18	6.962	697	702	705	rBV6	9373	14503	0.29%	0.025%
19	7.191	735	741	742	rBV6	7474	10764	0.22%	0.019%
20	7.414	769	779	795	rVB	648283	1241971	24.88%	2.139%
21	7.596	804	810	820	rVB	452468	781385	15.66%	1.346%
22	7.808	836	846	857	rVB	610764	1091737	21.87%	1.880%
23	8.101	893	896	901	rVB7	8289	13205	0.26%	0.023%
24	8.219	914	916	919	rVV4	8301	10266	0.21%	0.018%
25	8.283	919	927	940	rVB	526730	994664	19.93%	1.713%
26	8.518	965	967	973	rVB6	12110	18304	0.37%	0.032%
27	8.718	997	1001	1004	rVB6	7399	11781	0.24%	0.020%
28	8.765	1004	1009	1012	rBV5	7825	11498	0.23%	0.020%
29	8.971	1036	1044	1054	rVB	836099	1469443	29.44%	2.531%
30	9.312	1095	1102	1105	rVB3	6662	11014	0.22%	0.019%
31	9.459	1118	1127	1135	rBV	635510	1180907	23.66%	2.034%
32	9.805	1183	1186	1191	rBV7	17647	23063	0.46%	0.040%
33	10.023	1217	1223	1224	rVB4	7668	10447	0.21%	0.018%
34	10.181	1243	1250	1261	rBV2	570997	1077364	21.59%	1.856%

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35	10.587	1317	1319	1321	rBV3	11429	10854	0.22%	0.019%
36	10.716	1333	1341	1351	rBV	853712	1573502	31.53%	2.710%
37	11.115	1397	1409	1418	rBV	802088	1495473	29.96%	2.576%
38	11.239	1422	1430	1441	rVB	780309	1516253	30.38%	2.612%
39	12.232	1598	1599	1604	rVB4	11909	11686	0.23%	0.020%
40	12.320	1607	1614	1616	rVB7	6823	16075	0.32%	0.028%
41	12.614	1660	1664	1668	rBV6	9864	14336	0.29%	0.025%
42	12.678	1668	1675	1683	rVB8	25279	61195	1.23%	0.105%
43	12.990	1725	1728	1732	rBV5	7522	12771	0.26%	0.022%
44	13.054	1736	1739	1744	rVB7	14791	23940	0.48%	0.041%
45	13.248	1769	1772	1778	rVB7	8564	11942	0.24%	0.021%
46	13.325	1778	1785	1787	rVB7	11128	20748	0.42%	0.036%
47	13.354	1787	1790	1793	rBV3	13892	12437	0.25%	0.021%
48	13.495	1808	1814	1822	rBV10	12431	35778	0.72%	0.062%
49	13.689	1843	1847	1853	rVB9	14423	20321	0.41%	0.035%
50	13.765	1853	1860	1867	rVB2	53095	88737	1.78%	0.153%
51	13.853	1869	1875	1879	rBV8	8457	15114	0.30%	0.026%
52	14.294	1941	1950	1954	rBV	1774040	2642124	52.94%	4.551%
53	14.341	1954	1958	1968	rVB	684809	1002348	20.08%	1.727%
54	14.406	1968	1969	1975	rBV6	6916	11535	0.23%	0.020%
55	14.517	1982	1988	1991	rVB7	7513	14226	0.29%	0.025%
56	14.600	1991	2002	2010	rBV	1728364	2871720	57.54%	4.946%
57	14.752	2023	2028	2033	rBV3	27477	40891	0.82%	0.070%
58	14.899	2042	2053	2061	rVB	1523184	2419530	48.48%	4.168%
59	15.064	2073	2081	2094	rBV	983016	1640226	32.86%	2.825%
60	15.264	2110	2115	2121	rBV10	13444	24589	0.49%	0.042%
61	15.358	2130	2131	2142	rVB9	11863	31496	0.63%	0.054%
62	15.440	2142	2145	2149	rBV5	13421	14416	0.29%	0.025%
63	15.657	2177	2182	2185	rBV5	14719	23395	0.47%	0.040%
64	15.698	2185	2189	2195	rVB2	65116	95101	1.91%	0.164%
65	15.804	2205	2207	2214	rVB7	13005	27388	0.55%	0.047%
66	15.886	2214	2221	2232	rBV	2480612	3878490	77.71%	6.681%
67	15.986	2232	2238	2249	rBV	958671	1527055	30.60%	2.630%
68	16.121	2250	2261	2268	rBV	41176	112522	2.25%	0.194%
69	16.198	2272	2274	2277	rVB4	11818	12422	0.25%	0.021%
70	16.262	2281	2285	2290	rBV8	13005	18265	0.37%	0.031%
71	16.321	2292	2295	2299	rVB6	13265	19783	0.40%	0.034%

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72	16.392	2302	2307	2312	rBV8	9924	20184	0.40%	0.035%
73	16.521	2323	2329	2330	rBV6	12159	22941	0.46%	0.040%
74	16.562	2332	2336	2346	rBV3	80961	151359	3.03%	0.261%
75	16.838	2377	2383	2389	rBV3	17615	43111	0.86%	0.074%
76	16.985	2407	2408	2413	rBV5	20179	27863	0.56%	0.048%
77	17.061	2418	2421	2424	rBV5	15957	20563	0.41%	0.035%
78	17.220	2447	2448	2452	rVB4	14879	11294	0.23%	0.019%
79	17.349	2467	2470	2475	rBV2	56419	73948	1.48%	0.127%
80	17.402	2475	2479	2481	rBV4	15562	19172	0.38%	0.033%
81	17.502	2492	2496	2501	rBV8	10871	18499	0.37%	0.032%
82	17.643	2510	2520	2529	rBV	1973227	3160081	63.31%	5.443%
83	17.737	2530	2536	2548	rVB	2733201	4315629	86.47%	7.434%
84	17.890	2560	2562	2569	rVB8	14031	18602	0.37%	0.032%
85	17.978	2571	2577	2588	rBV	529063	798714	16.00%	1.376%
86	18.084	2594	2595	2602	rVB5	26083	38119	0.76%	0.066%
87	18.137	2602	2604	2606	rBV3	11966	10281	0.21%	0.018%
88	18.366	2638	2643	2648	rBV8	29346	46425	0.93%	0.080%
89	18.483	2658	2663	2674	rBV	619688	880565	17.64%	1.517%
90	19.335	2803	2808	2816	rBV2	164612	251983	5.05%	0.434%
91	19.605	2851	2854	2855	rBV2	27709	26394	0.53%	0.045%
92	19.635	2856	2859	2868	rVB5	58585	114530	2.29%	0.197%
93	19.741	2872	2877	2885	rBV3	227391	331805	6.65%	0.572%
94	19.893	2900	2903	2910	rVB7	37093	55397	1.11%	0.095%
95	20.011	2915	2923	2934	rVB	3139370	4991144	100.00%	8.597%
96	21.521	3175	3180	3192	rVB4	403618	705254	14.13%	1.215%
97	21.938	3243	3251	3262	rVB	2053362	3559119	71.31%	6.130%
98	23.689	3545	3549	3559	rVB2	161356	317451	6.36%	0.547%
99	25.146	3786	3797	3812	rVB2	1565976	4689234	93.95%	8.077%
100	25.381	3826	3837	3852	rVB3	1184393	3693974	74.01%	6.363%

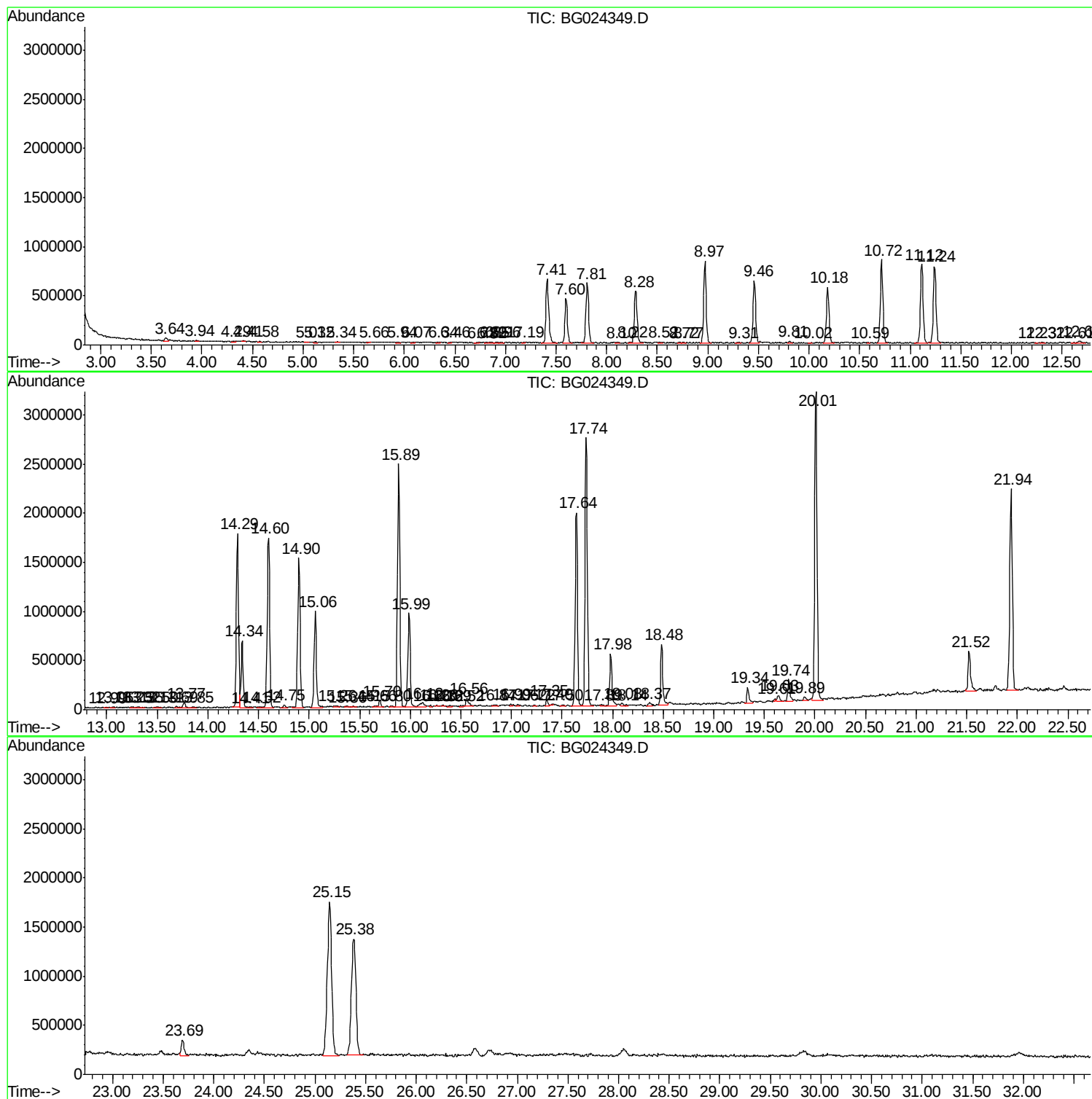
Sum of corrected areas: 58055949

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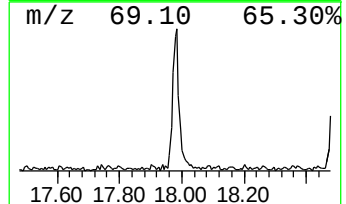
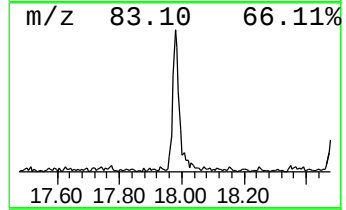
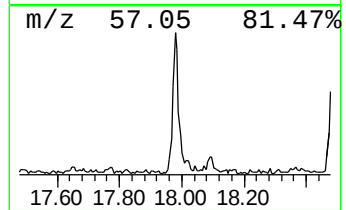
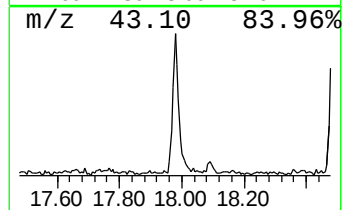
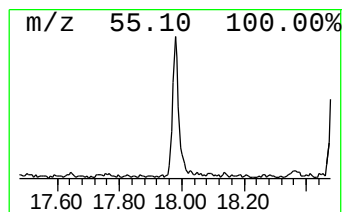
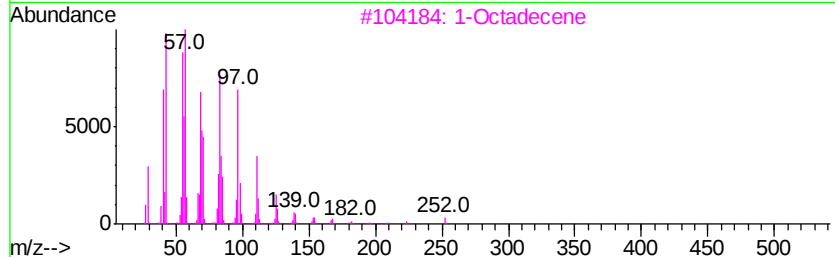
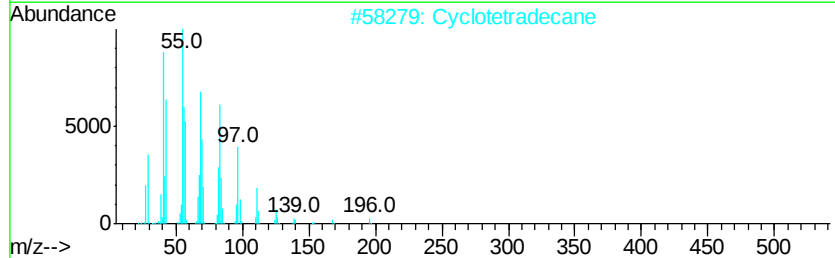
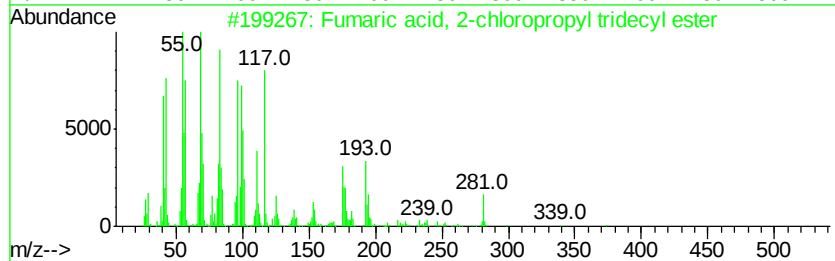
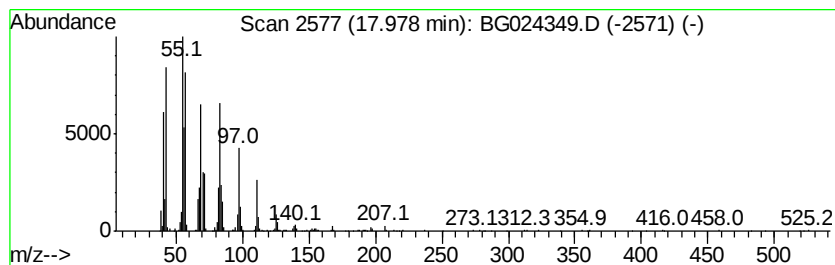
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Fumaric acid, 2-chloropropyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.98	5.06 ng/ul	798714	Phenanthrene-d10	17.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	98
2		Cyclotetradecane	196	C14H28	000295-17-0	96
3		1-Octadecene	252	C18H36	000112-88-9	91
4		1-Octadecanol	270	C18H38O	000112-92-5	91
5		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91



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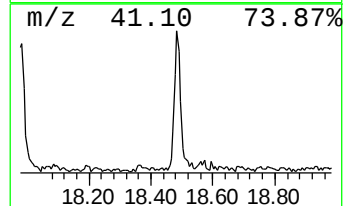
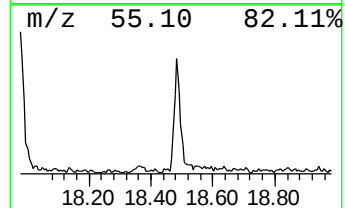
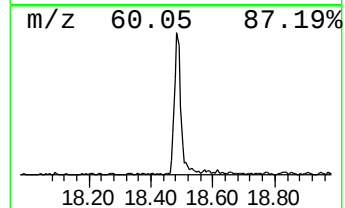
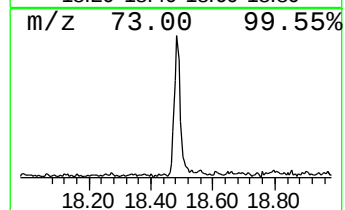
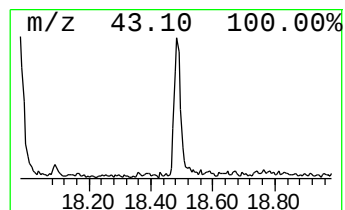
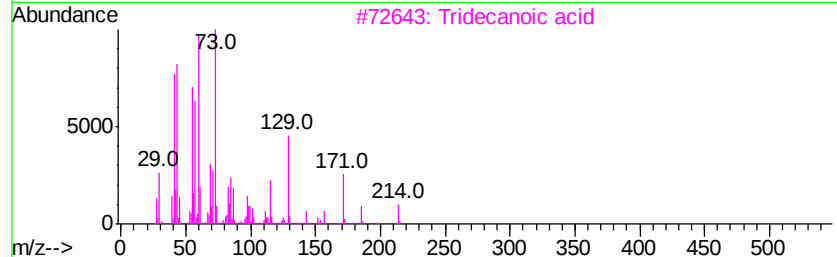
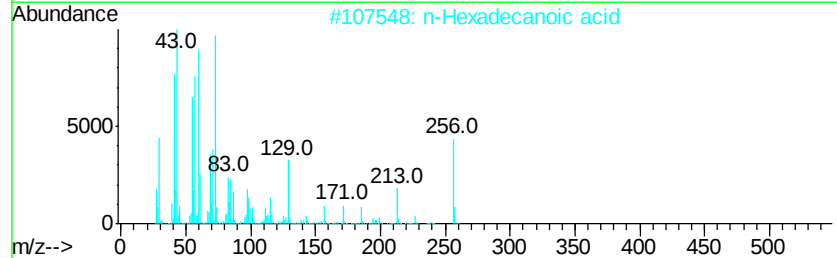
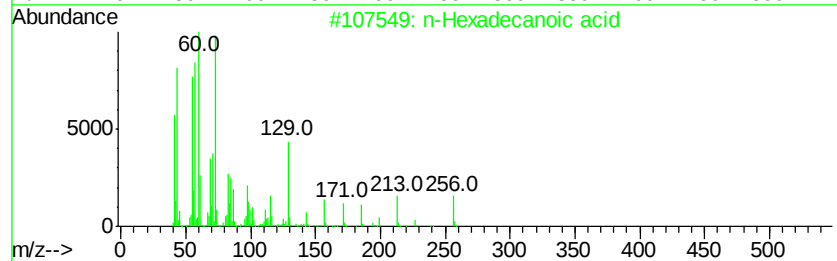
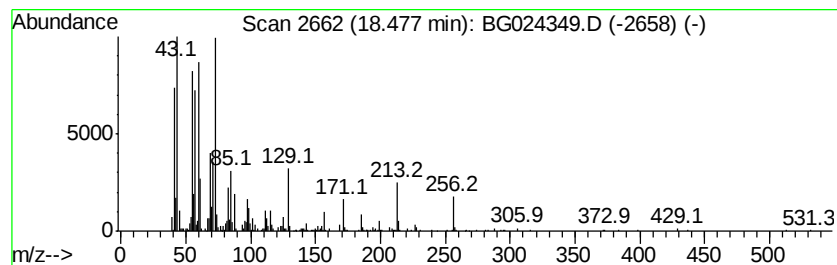
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	5.57 ng/ul	880565	Phenanthrene-d10	17.64

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		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Octadecanoic acid	284	C18H36O2	000057-11-4	81



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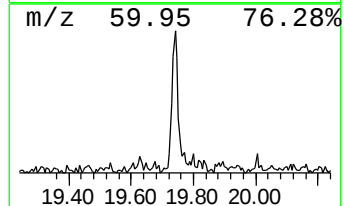
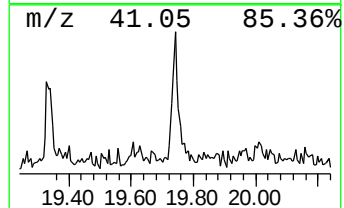
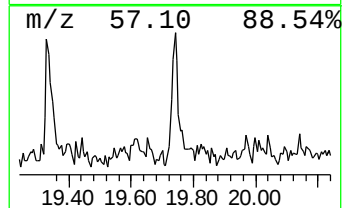
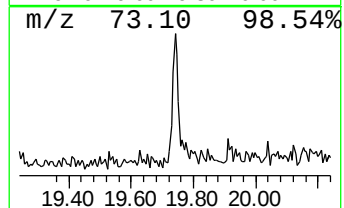
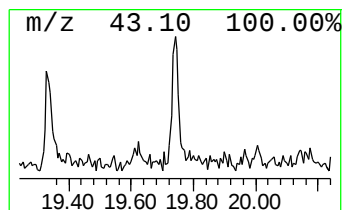
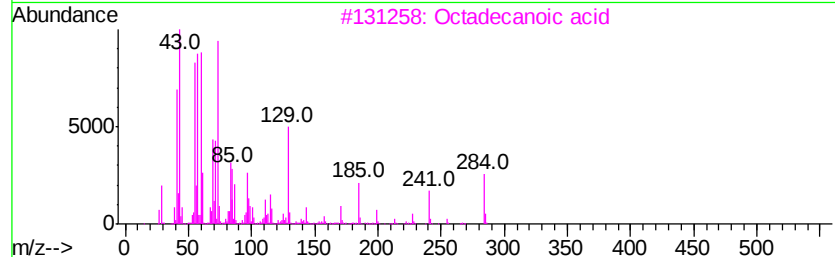
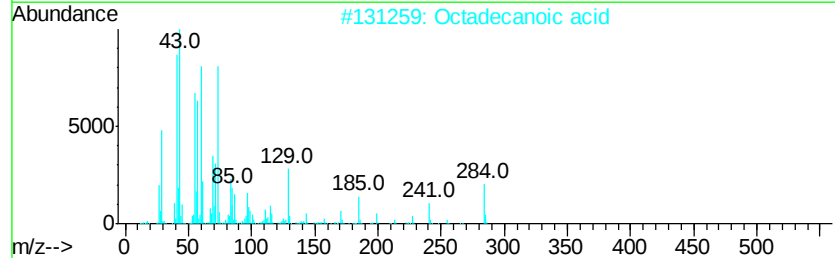
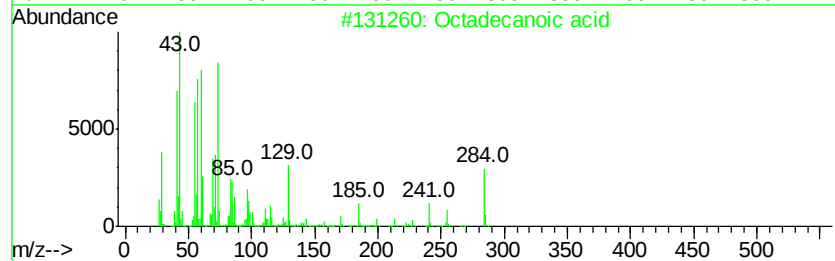
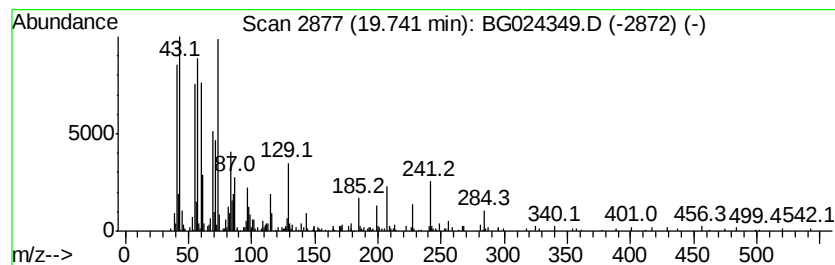
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.10 ng/ul	331805	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	92
4		Octadecanoic acid	284	C18H36O2	000057-11-4	92
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	55



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
Data File : BG024349.D
Acq On : 14 Oct 2016 12:43
Operator : UM/SJ
Sample : H5187-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPD0

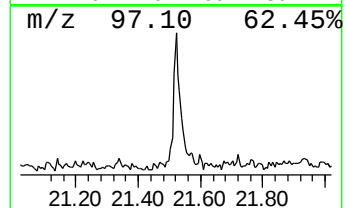
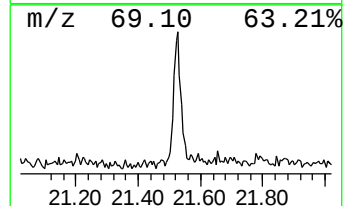
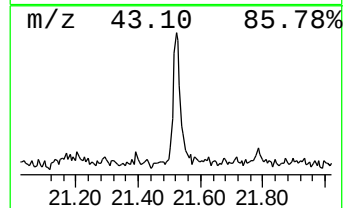
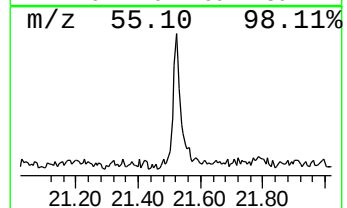
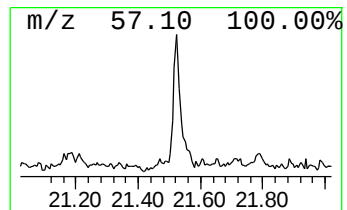
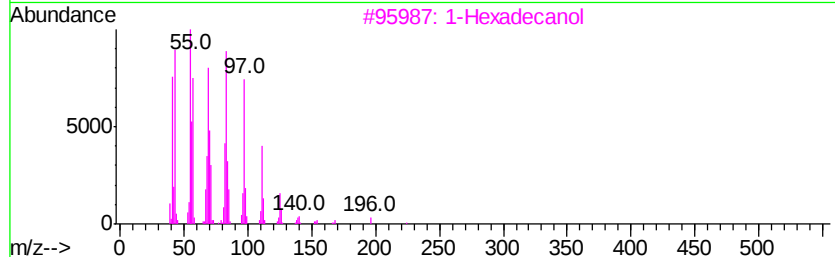
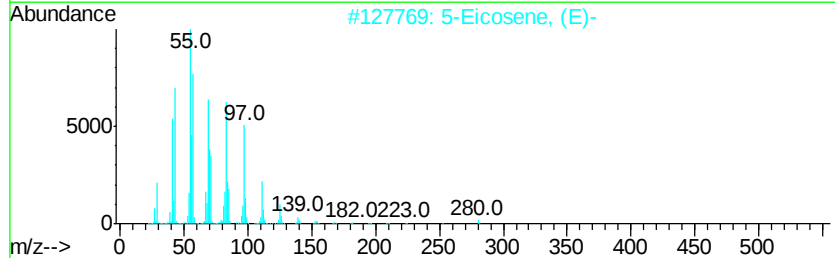
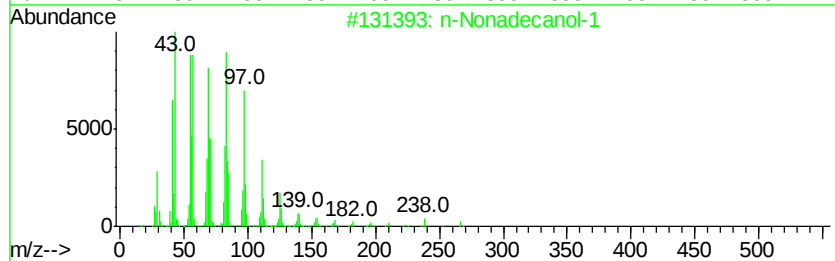
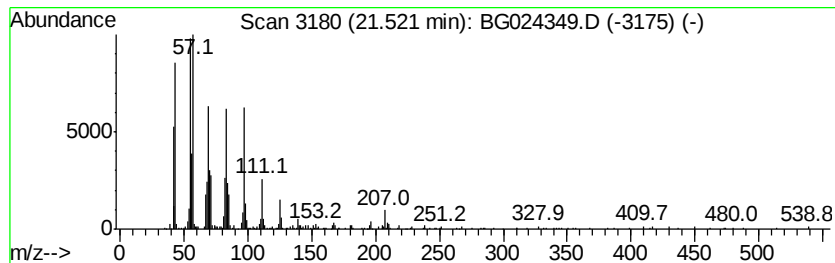
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	3.96 ng/ul	705254	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	87
3		1-Hexadecanol	242	C16H34O	036653-82-4	87
4		9-Nonadecene	266	C19H38	031035-07-1	87
5		E-15-Heptadecenal	252	C17H32O	1000130-97-9	87



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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
Fumaric acid, 2-c...	17.98	5.1	ng/ul	798714	4	17.64	3160080	20.0
n-Hexadecanoic acid	18.48	5.6	ng/ul	880565	4	17.64	3160080	20.0
Octadecanoic acid	19.74	2.1	ng/ul	331805	4	17.64	3160080	20.0
n-Nonadecanol-1	21.52	4.0	ng/ul	705254	5	21.94	3559120	20.0