

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
 Data File : BG024427.D
 Acq On : 18 Oct 2016 20:00
 Operator : UM/SJ
 Sample : H5293-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WA1

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	3.989	192	196	204	rVB2	35889	70418	1.52%	0.146%
2	4.218	227	235	242	rVB	130980	210712	4.55%	0.436%
3	4.435	271	272	278	rVV6	10242	14209	0.31%	0.029%
4	5.340	420	426	427	rBV4	11291	14384	0.31%	0.030%
5	5.957	528	531	536	rVB5	8923	11861	0.26%	0.025%
6	6.174	567	568	574	rVB4	9026	14803	0.32%	0.031%
7	6.274	579	585	587	rBV6	9542	17144	0.37%	0.035%
8	6.304	587	590	593	rBV5	8162	11993	0.26%	0.025%
9	6.556	628	633	639	rBV2	52257	89903	1.94%	0.186%
10	6.609	641	642	648	rVB4	8773	12201	0.26%	0.025%
11	6.774	666	670	672	rVB5	8085	11766	0.25%	0.024%
12	7.038	712	715	721	rVB7	10496	18013	0.39%	0.037%
13	7.414	773	779	790	rVB	118708	248517	5.36%	0.514%
14	7.596	803	810	819	rVV	320915	555128	11.98%	1.149%
15	7.808	836	846	853	rBV	349395	660703	14.26%	1.368%
16	8.284	915	927	935	rVB	635113	1128563	24.35%	2.336%
17	8.524	964	968	974	rVB5	10222	23423	0.51%	0.048%
18	8.577	974	977	982	rBV6	8457	17616	0.38%	0.036%
19	8.971	1036	1044	1055	rVB2	327176	614517	13.26%	1.272%
20	9.112	1063	1068	1071	rBV5	6971	14715	0.32%	0.030%
21	9.459	1117	1127	1138	rBV	474520	908280	19.60%	1.880%
22	9.946	1204	1210	1213	rVB7	6954	14591	0.31%	0.030%
23	10.181	1240	1250	1258	rBV3	441657	848812	18.32%	1.757%
24	10.363	1274	1281	1287	rVB7	12391	24016	0.52%	0.050%
25	10.457	1292	1297	1299	rBV6	11313	13734	0.30%	0.028%
26	10.710	1330	1340	1352	rBV	605152	1172537	25.30%	2.427%
27	10.857	1360	1365	1369	rVB6	8349	14202	0.31%	0.029%
28	11.039	1391	1396	1398	rBV5	7335	12235	0.26%	0.025%
29	11.110	1398	1408	1420	rBV	989212	1830596	39.50%	3.789%
30	11.239	1424	1430	1439	rVB7	34479	87147	1.88%	0.180%
31	11.304	1439	1441	1447	rBV4	11042	15277	0.33%	0.032%
32	11.762	1511	1519	1526	rVB4	14340	28238	0.61%	0.058%
33	11.844	1526	1533	1538	rVB8	14149	30603	0.66%	0.063%
34	11.903	1541	1543	1548	rVB6	10153	15342	0.33%	0.032%

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35	12.003	1552	1560	1561	rBV6	8086	13522	0.29%	0.028%
36	12.138	1580	1583	1589	rVB6	11411	17813	0.38%	0.037%
37	12.285	1605	1608	1612	rBV5	10848	14732	0.32%	0.030%
38	12.543	1645	1652	1658	rBV10	13958	37369	0.81%	0.077%
39	12.673	1668	1674	1679	rVB8	15727	24401	0.53%	0.051%
40	12.784	1689	1693	1697	rVB7	8188	13071	0.28%	0.027%
41	13.131	1748	1752	1755	rVB5	10603	12910	0.28%	0.027%
42	13.184	1755	1761	1763	rVB4	11237	16588	0.36%	0.034%
43	13.254	1769	1773	1776	rVB6	12737	14106	0.30%	0.029%
44	13.342	1785	1788	1791	rBV3	7908	11910	0.26%	0.025%
45	13.489	1809	1813	1824	rBV6	18051	44111	0.95%	0.091%
46	13.589	1829	1830	1837	rVB6	6827	11838	0.26%	0.025%
47	13.636	1837	1838	1844	rBV6	8611	14386	0.31%	0.030%
48	13.759	1851	1859	1865	rBV4	71043	131435	2.84%	0.272%
49	13.965	1891	1894	1900	rBV6	7650	15691	0.34%	0.032%
50	14.288	1939	1949	1954	rBV	1506368	2215090	47.80%	4.585%
51	14.329	1955	1956	1965	rVB2	88045	113061	2.44%	0.234%
52	14.406	1965	1969	1977	rVB8	9046	24674	0.53%	0.051%
53	14.512	1983	1987	1994	rBV9	14514	33789	0.73%	0.070%
54	14.594	1994	2001	2012	rVB	1334638	2226709	48.05%	4.609%
55	14.747	2022	2027	2031	rBV7	10210	12883	0.28%	0.027%
56	14.899	2042	2053	2061	rVV	1789190	2891725	62.40%	5.986%
57	15.058	2072	2080	2095	rBV3	192806	355811	7.68%	0.737%
58	15.258	2110	2114	2121	rVB10	19962	38235	0.83%	0.079%
59	15.363	2130	2132	2135	rVB4	11695	14774	0.32%	0.031%
60	15.610	2164	2174	2178	rBV9	18370	39359	0.85%	0.081%
61	15.651	2180	2181	2185	rBV3	13603	13386	0.29%	0.028%
62	15.687	2185	2187	2193	rVB5	14828	23607	0.51%	0.049%
63	15.798	2199	2206	2210	rBV3	46061	72518	1.56%	0.150%
64	15.881	2210	2220	2229	rVB2	2062926	3222803	69.55%	6.671%
65	15.986	2231	2238	2253	rVV	861605	1336455	28.84%	2.766%
66	16.121	2253	2261	2266	rVB10	35525	74283	1.60%	0.154%
67	16.556	2330	2335	2342	rBV9	31154	54820	1.18%	0.113%
68	16.750	2364	2368	2373	rVB6	24548	44960	0.97%	0.093%
69	16.821	2374	2380	2388	rVV6	11796	31215	0.67%	0.065%
70	16.915	2395	2396	2402	rBV6	11124	12448	0.27%	0.026%
71	16.985	2405	2408	2413	rVB6	10496	16489	0.36%	0.034%

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72	17.044	2415	2418	2423	rVB4	41934	49750	1.07%	0.103%
73	17.244	2449	2452	2455	rVB5	11044	13321	0.29%	0.028%
74	17.349	2467	2470	2475	rVB5	21025	33208	0.72%	0.069%
75	17.414	2475	2481	2487	rBV9	22799	50386	1.09%	0.104%
76	17.637	2512	2519	2529	rBV2	2220956	3457866	74.62%	7.158%
77	17.737	2529	2536	2548	rVB	2397416	3795755	81.91%	7.857%
78	17.890	2558	2562	2565	rBV4	18638	27268	0.59%	0.056%
79	18.078	2591	2594	2595	rBV3	18593	17391	0.38%	0.036%
80	18.119	2597	2601	2606	rVB6	35493	46452	1.00%	0.096%
81	18.272	2626	2627	2632	rVB5	22844	18874	0.41%	0.039%
82	18.477	2656	2662	2669	rBV2	247012	379971	8.20%	0.787%
83	18.701	2696	2700	2702	rBV5	20235	27391	0.59%	0.057%
84	19.042	2755	2758	2765	rVB7	43692	64411	1.39%	0.133%
85	19.124	2771	2772	2775	rBV2	11133	12999	0.28%	0.027%
86	19.600	2851	2853	2855	rBV3	17829	18353	0.40%	0.038%
87	19.641	2856	2860	2865	rVB4	42791	63351	1.37%	0.131%
88	19.741	2871	2877	2888	rBV5	259869	405683	8.75%	0.840%
89	19.829	2888	2892	2897	rVV8	37728	59682	1.29%	0.124%
90	19.899	2900	2904	2908	rVB4	36722	55624	1.20%	0.115%
91	20.005	2915	2922	2936	rBV	2969286	4633944	100.00%	9.592%
92	20.516	3006	3009	3014	rBV7	34408	46171	1.00%	0.096%
93	20.898	3069	3074	3081	rVB	179755	240319	5.19%	0.497%
94	21.527	3176	3181	3189	rBV	57640	141310	3.05%	0.293%
95	21.779	3220	3224	3233	rVB3	115016	188653	4.07%	0.391%
96	21.862	3234	3238	3242	rVV6	32630	51097	1.10%	0.106%
97	21.932	3244	3250	3261	rVB	2246031	3984549	85.99%	8.248%
98	24.329	3654	3658	3664	rBV9	45895	112366	2.42%	0.233%
99	25.140	3784	3796	3811	rBV2	1373318	4149154	89.54%	8.589%
100	25.375	3823	3836	3852	rBV	1267516	4124633	89.01%	8.538%

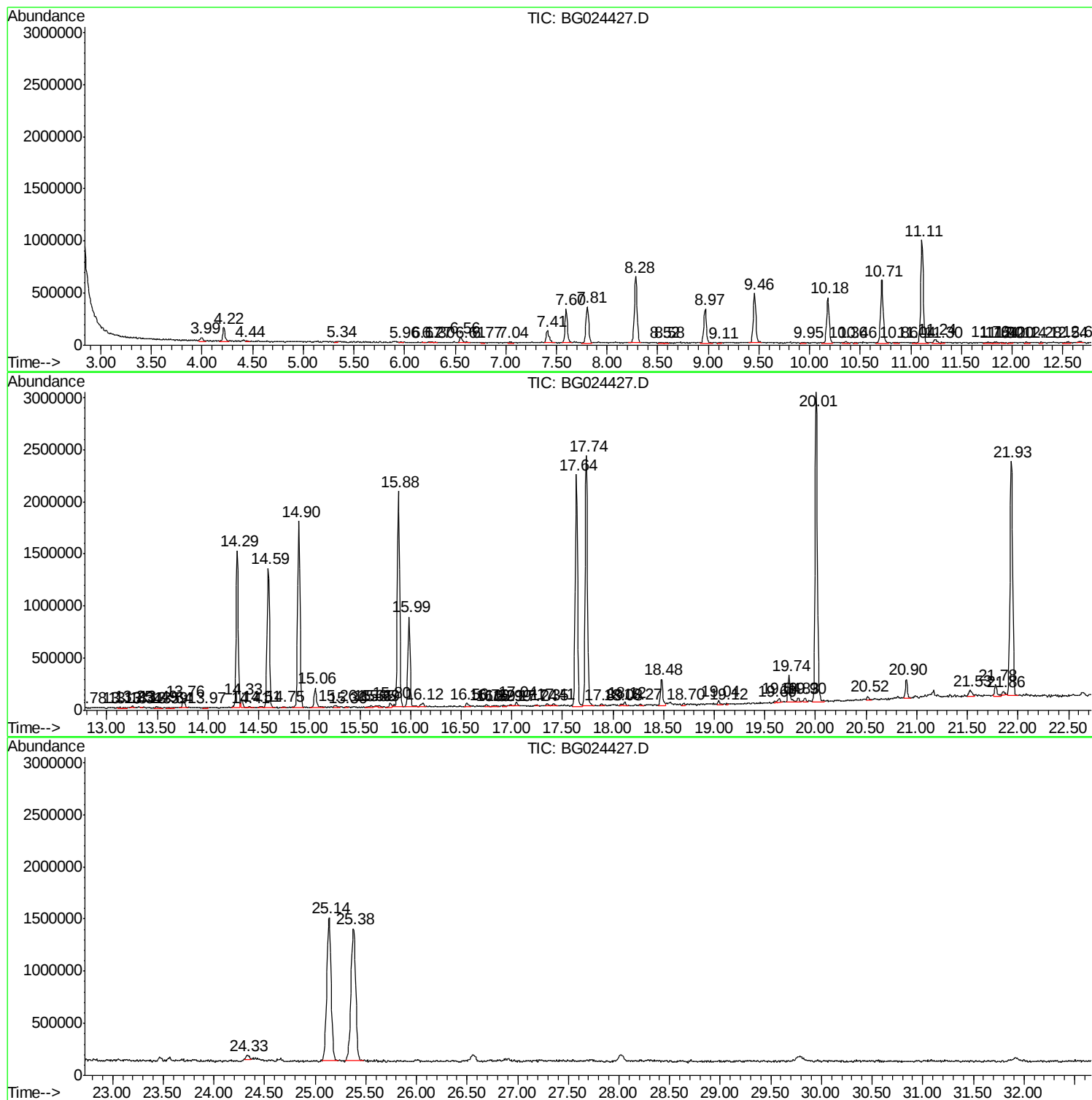
Sum of corrected areas: 48309108

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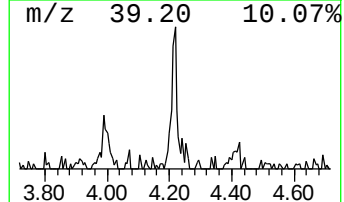
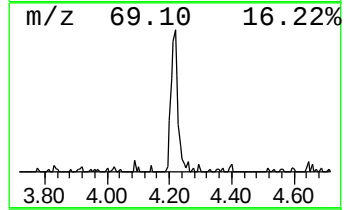
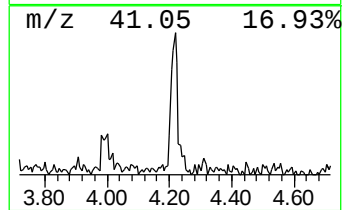
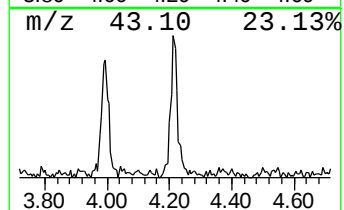
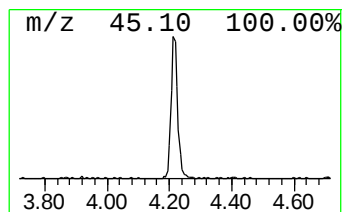
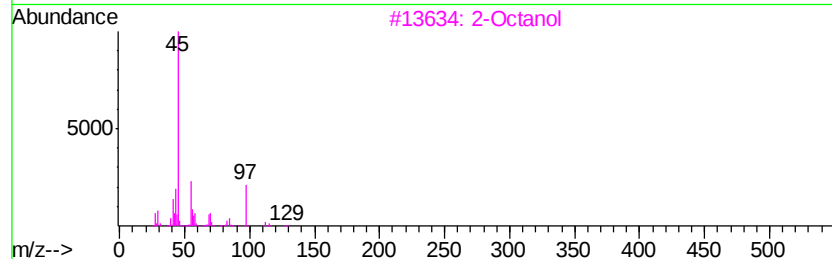
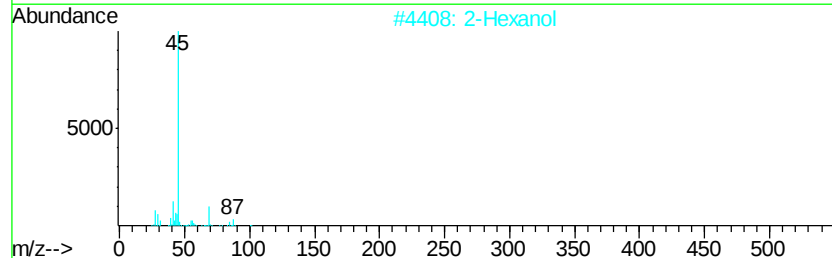
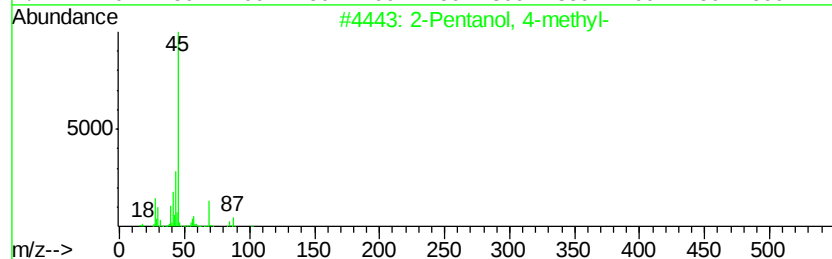
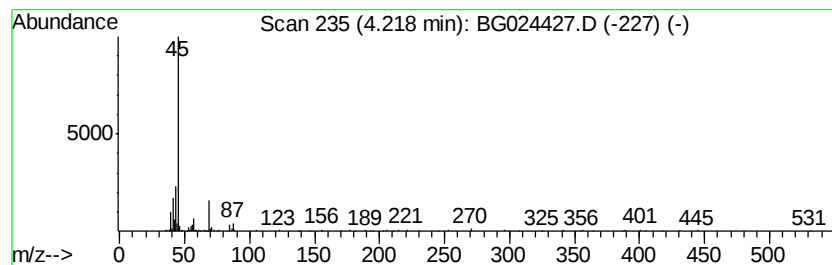
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	3.73 ng/ul	210712	1,4-Dichlorobenzene-d4	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
2			2-Hexanol	102	C6H14O	000626-93-7	64
3			2-Octanol	130	C8H18O	000123-96-6	50
4			2-Hexanol	102	C6H14O	000626-93-7	50
5			2-Hexanol, (R)-	102	C6H14O	026549-24-6	50



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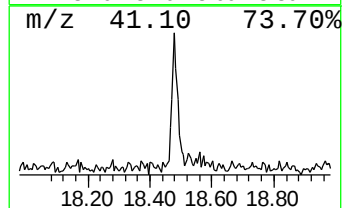
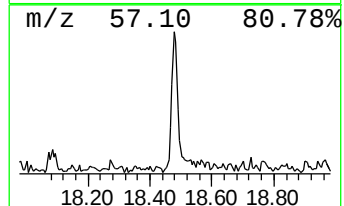
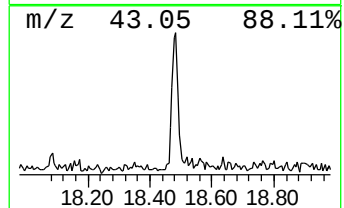
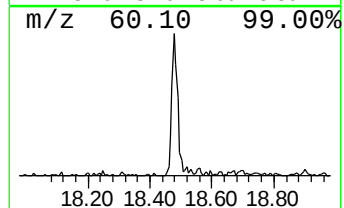
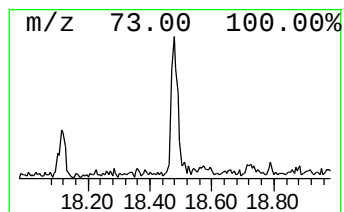
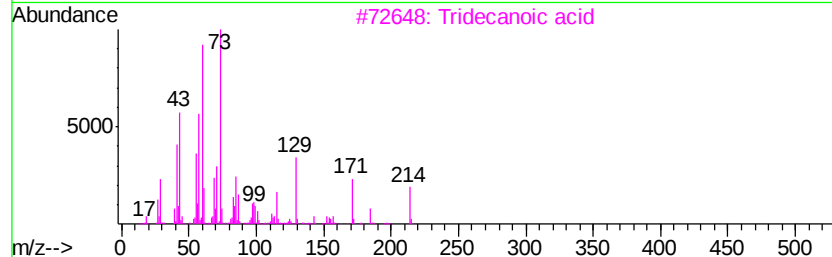
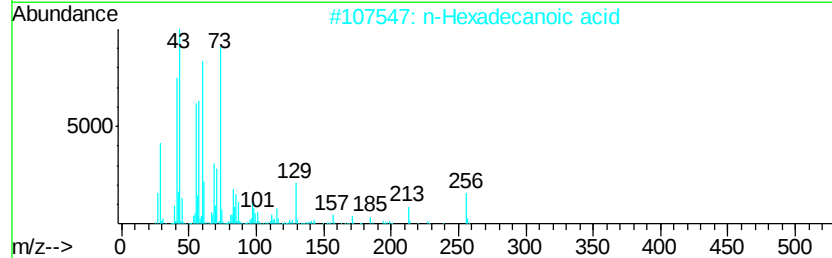
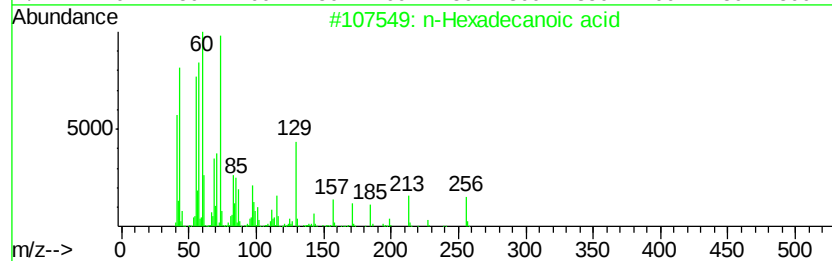
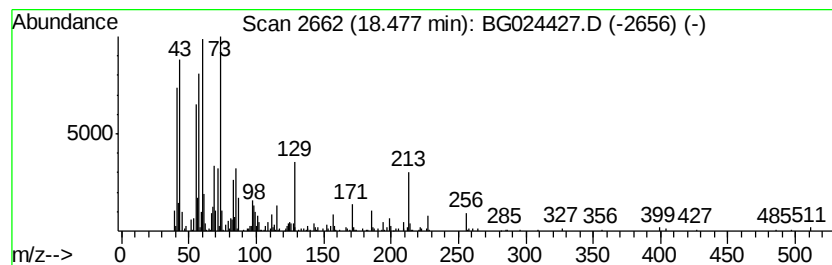
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.20 ng/ul	379971	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



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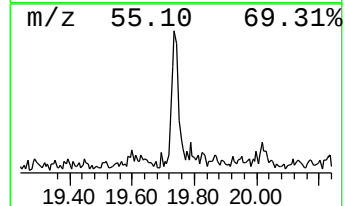
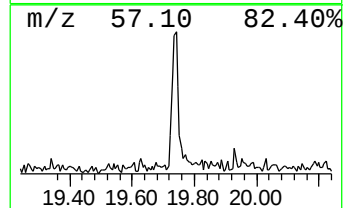
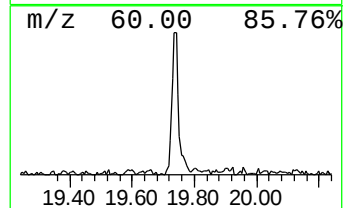
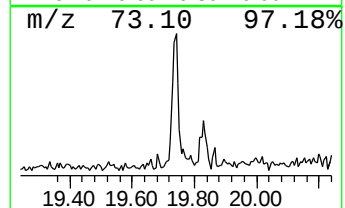
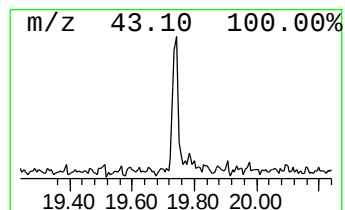
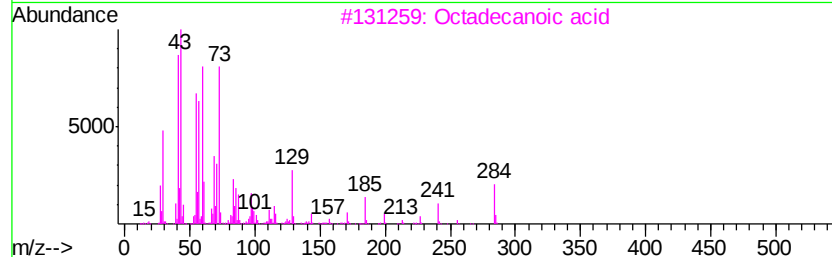
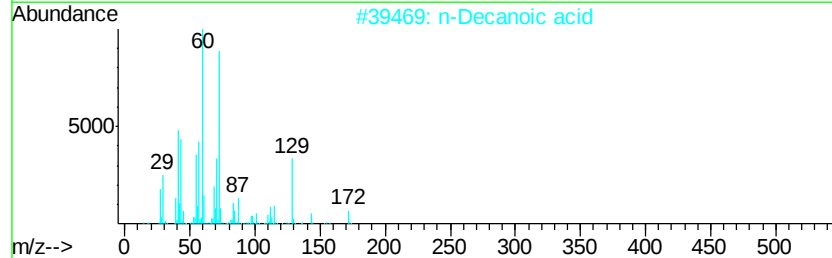
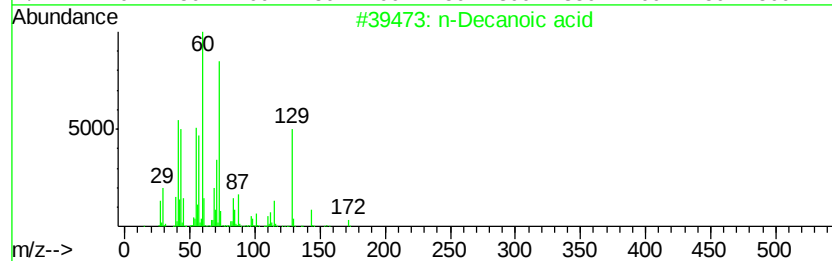
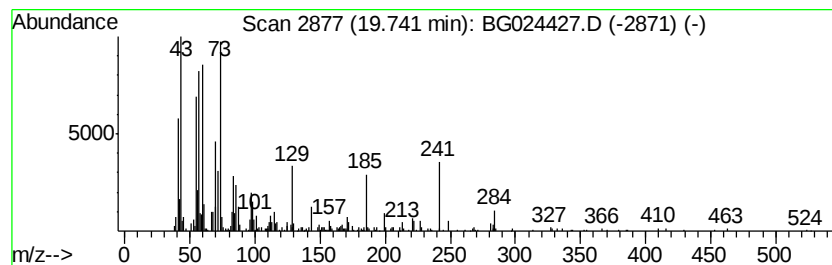
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Peak Number 3 n-Decanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.35 ng/ul	405683	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Decanoic acid	172	C10H20O2	000334-48-5	90
2		n-Decanoic acid	172	C10H20O2	000334-48-5	86
3		Octadecanoic acid	284	C18H36O2	000057-11-4	72
4		Octadecanoic acid	284	C18H36O2	000057-11-4	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024427.D
Acq On : 18 Oct 2016 20:00
Operator : UM/SJ
Sample : H5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WA1

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
2-Pentanol, 4-met...	4.22	3.7	ng/ul	210712	1	8.28	1128560	20.0
n-Hexadecanoic acid	18.48	2.2	ng/ul	379971	4	17.64	3457870	20.0
n-Decanoic acid	19.74	2.4	ng/ul	405683	4	17.64	3457870	20.0