

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
 Data File : BG024413.D
 Acq On : 18 Oct 2016 10:23
 Operator : UM/SJ
 Sample : H5223-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNJ8

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	3.643	132	137	147	rVB5	42396	96236	1.62%	0.123%
2	4.242	234	239	243	rBV6	8409	15779	0.27%	0.020%
3	4.348	256	257	262	rBV5	11587	13569	0.23%	0.017%
4	4.413	262	268	275	rVB7	15163	32825	0.55%	0.042%
5	4.800	333	334	340	rBV5	10495	15641	0.26%	0.020%
6	5.347	420	427	434	rVB	112832	191035	3.22%	0.244%
7	5.641	474	477	483	rBV6	14927	22761	0.38%	0.029%
8	6.322	588	593	598	rBV6	12130	22259	0.38%	0.028%
9	6.880	684	688	694	rBV8	11169	24902	0.42%	0.032%
10	7.215	737	745	753	rVB7	18128	44943	0.76%	0.057%
11	7.409	771	778	792	rVB	861596	1646664	27.79%	2.103%
12	7.597	803	810	819	rBV	593359	996659	16.82%	1.273%
13	7.703	823	828	833	rBV6	10584	15242	0.26%	0.019%
14	7.809	834	846	854	rVB	767041	1405318	23.72%	1.795%
15	8.285	919	927	942	rBV2	836790	1551432	26.18%	1.981%
16	8.755	1001	1007	1010	rBV8	13903	22153	0.37%	0.028%
17	8.966	1034	1043	1056	rBV	1049024	1913351	32.29%	2.443%
18	9.460	1117	1127	1134	rBV	864818	1595422	26.92%	2.037%
19	9.518	1134	1137	1142	rVB5	53740	75901	1.28%	0.097%
20	9.601	1148	1151	1156	rVB6	11015	19850	0.33%	0.025%
21	9.806	1181	1186	1191	rBV4	27161	38009	0.64%	0.049%
22	10.182	1242	1250	1264	rBV	782858	1437507	24.26%	1.836%
23	10.553	1310	1313	1317	rBV5	9472	17422	0.29%	0.022%
24	10.717	1332	1341	1349	rBV	1086645	2051821	34.62%	2.620%
25	10.852	1360	1364	1369	rBV6	10013	14391	0.24%	0.018%
26	10.929	1375	1377	1382	rVB6	8377	13725	0.23%	0.018%
27	11.111	1399	1408	1418	rVB	1304873	2424879	40.92%	3.097%
28	11.240	1421	1430	1446	rBV2	1017980	1952040	32.94%	2.493%
29	11.845	1528	1533	1538	rBV7	15585	26533	0.45%	0.034%
30	12.145	1580	1584	1590	rBV7	9323	18863	0.32%	0.024%
31	12.609	1658	1663	1668	rBV8	8131	15392	0.26%	0.020%
32	12.674	1668	1674	1680	rBV7	25390	43847	0.74%	0.056%
33	13.202	1759	1764	1767	rBV7	8820	14526	0.25%	0.019%
34	13.255	1767	1773	1777	rVB8	8946	19655	0.33%	0.025%

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35	13.696	1841	1848	1854	rBV8	13072	36561	0.62%	0.047%
36	13.761	1854	1859	1865	rVB4	59899	107108	1.81%	0.137%
37	14.289	1937	1949	1953	rBV	2253561	3383861	57.10%	4.321%
38	14.336	1953	1957	1964	rVB	1205830	1795207	30.29%	2.292%
39	14.513	1981	1987	1989	rBV5	16935	25300	0.43%	0.032%
40	14.595	1993	2001	2010	rBV	2246607	3681767	62.13%	4.702%
41	14.754	2021	2028	2033	rBV2	41842	58668	0.99%	0.075%
42	14.900	2045	2053	2062	rVB	2285749	3776110	63.72%	4.822%
43	15.059	2070	2080	2092	rBV	1245458	2032243	34.29%	2.595%
44	15.188	2100	2102	2109	rVB8	10439	17561	0.30%	0.022%
45	15.265	2109	2115	2120	rVV9	24635	48799	0.82%	0.062%
46	15.365	2126	2132	2141	rBV10	18970	42594	0.72%	0.054%
47	15.435	2141	2144	2148	rVB5	14185	22898	0.39%	0.029%
48	15.652	2177	2181	2184	rBV3	17632	29610	0.50%	0.038%
49	15.694	2184	2188	2195	rVB	85872	125325	2.11%	0.160%
50	15.752	2195	2198	2201	rBV4	16625	21474	0.36%	0.027%
51	15.799	2201	2206	2213	rVV2	62240	89899	1.52%	0.115%
52	15.882	2213	2220	2231	rBV	3117742	4925632	83.12%	6.290%
53	15.987	2231	2238	2248	rBV	1260604	1892406	31.93%	2.417%
54	16.122	2249	2261	2271	rVB8	44732	136602	2.31%	0.174%
55	16.246	2280	2282	2291	rBV7	12866	24909	0.42%	0.032%
56	16.322	2291	2295	2298	rVB6	16319	22153	0.37%	0.028%
57	16.358	2298	2301	2305	rVB5	9888	17474	0.29%	0.022%
58	16.393	2305	2307	2312	rBV6	15664	27226	0.46%	0.035%
59	16.557	2329	2335	2346	rBV	119231	212274	3.58%	0.271%
60	16.833	2376	2382	2388	rBV10	28927	58599	0.99%	0.075%
61	16.904	2390	2394	2398	rBV6	13862	21723	0.37%	0.028%
62	16.992	2406	2409	2413	rBV6	15735	16133	0.27%	0.021%
63	17.045	2414	2418	2425	rVB4	48832	86820	1.47%	0.111%
64	17.133	2429	2433	2435	rBV5	15729	20725	0.35%	0.026%
65	17.350	2465	2470	2475	rVV2	106290	178488	3.01%	0.228%
66	17.397	2475	2478	2490	rVB8	36969	106263	1.79%	0.136%
67	17.521	2494	2499	2501	rBV6	9578	17399	0.29%	0.022%
68	17.638	2512	2519	2529	rBV	2909684	4580518	77.30%	5.849%
69	17.738	2529	2536	2547	rVV2	3362248	5278165	89.07%	6.740%
70	17.815	2547	2549	2559	rVB10	14631	39712	0.67%	0.051%
71	17.885	2559	2561	2564	rBV4	15331	19201	0.32%	0.025%

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72	17.979	2571	2577	2590	rBV2	180688	306740	5.18%	0.392%
73	18.091	2592	2596	2597	rBV4	39051	46385	0.78%	0.059%
74	18.114	2598	2600	2605	rVB2	47038	54008	0.91%	0.069%
75	18.267	2623	2626	2632	rBV7	14883	24318	0.41%	0.031%
76	18.355	2637	2641	2647	rBV8	23902	39008	0.66%	0.050%
77	18.420	2649	2652	2657	rBV7	15101	24124	0.41%	0.031%
78	18.484	2657	2663	2675	rBV	866075	1263877	21.33%	1.614%
79	18.772	2709	2712	2716	rVB5	18436	17024	0.29%	0.022%
80	19.048	2754	2759	2763	rVB6	46383	68996	1.16%	0.088%
81	19.225	2788	2789	2795	rVB5	14516	20913	0.35%	0.027%
82	19.331	2804	2807	2814	rBV7	33175	62877	1.06%	0.080%
83	19.601	2848	2853	2855	rBV2	94883	136961	2.31%	0.175%
84	19.742	2871	2877	2885	rBV	462499	673801	11.37%	0.860%
85	19.830	2889	2892	2897	rVB6	48428	59759	1.01%	0.076%
86	19.895	2899	2903	2912	rVB5	45065	78622	1.33%	0.100%
87	20.006	2915	2922	2931	rBV2	3826167	5925842	100.00%	7.567%
88	20.194	2953	2954	2956	rBV2	17647	15755	0.27%	0.020%
89	20.517	3006	3009	3015	rBV6	63001	84695	1.43%	0.108%
90	21.164	3116	3119	3125	rVB6	67518	104285	1.76%	0.133%
91	21.516	3174	3179	3192	rBV3	351770	727615	12.28%	0.929%
92	21.857	3233	3237	3243	rBV8	60345	121350	2.05%	0.155%
93	21.933	3243	3250	3262	rVB	2949295	5416313	91.40%	6.917%
94	23.467	3507	3511	3518	rVB8	63095	124327	2.10%	0.159%
95	23.684	3543	3548	3555	rVB3	76660	156997	2.65%	0.200%
96	25.141	3784	3796	3813	rVB2	1913460	5866871	99.00%	7.492%
97	25.376	3824	3836	3850	rVB3	1704403	5524528	93.23%	7.055%
98	26.569	4032	4039	4048	rVB5	86270	261619	4.41%	0.334%
99	26.704	4058	4062	4064	rBV5	45938	69405	1.17%	0.089%
100	28.014	4281	4285	4296	rVB6	78042	244510	4.13%	0.312%

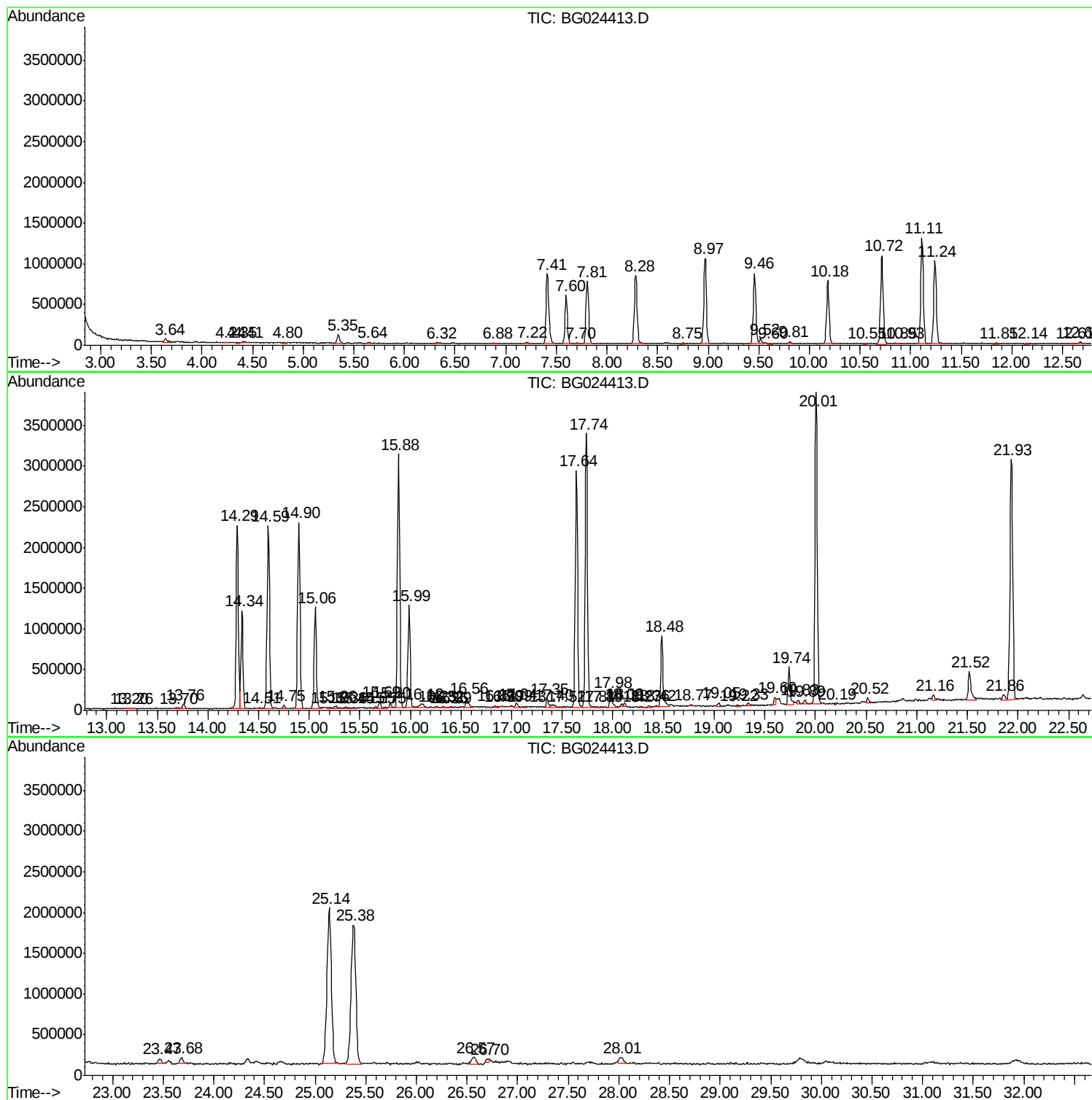
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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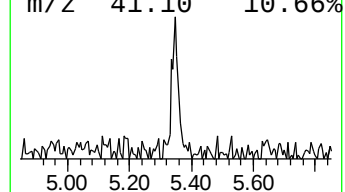
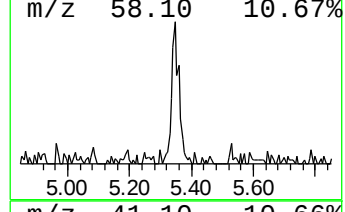
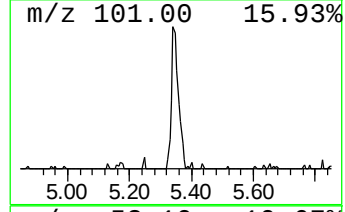
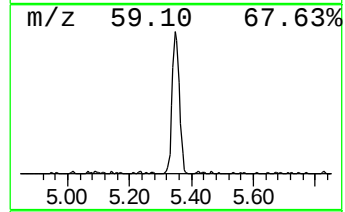
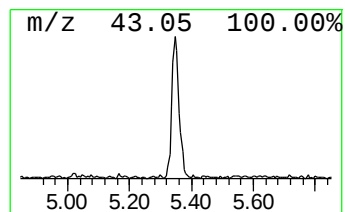
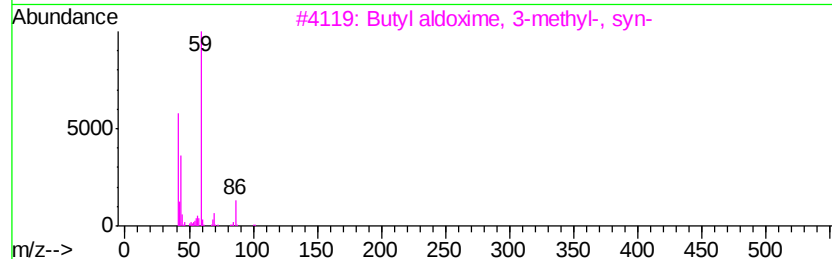
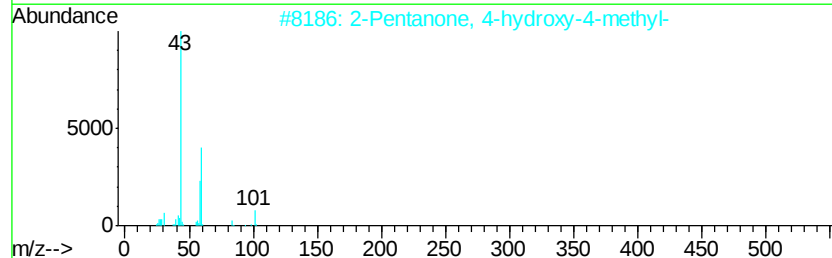
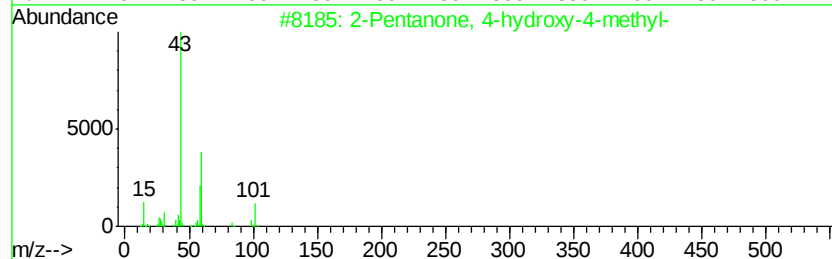
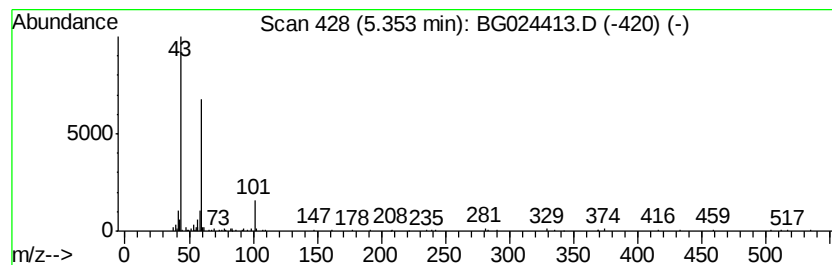
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	2.46 ng/ul	191035	1,4-Dichlorobenzene-d4	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23		
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9		
5	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	9		



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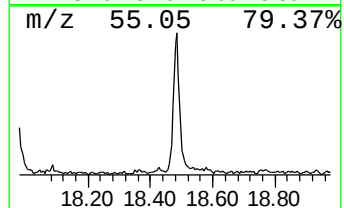
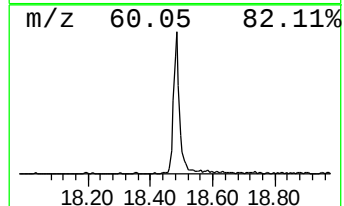
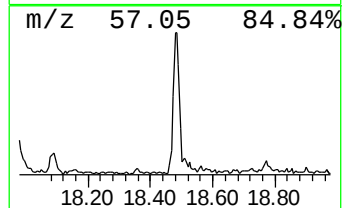
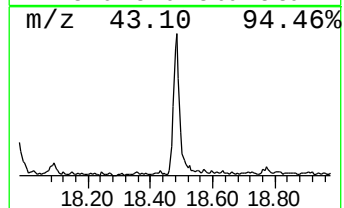
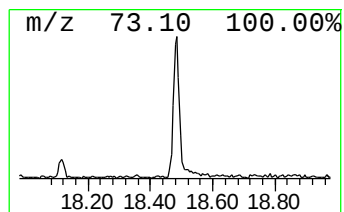
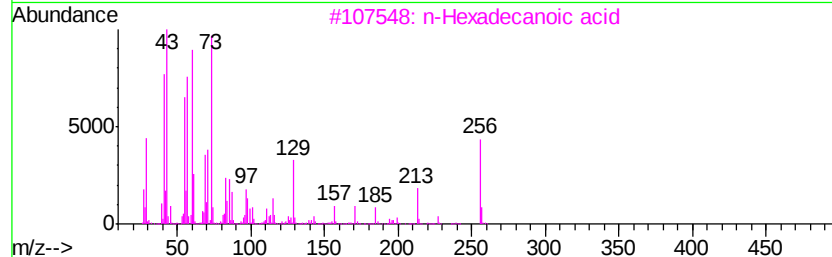
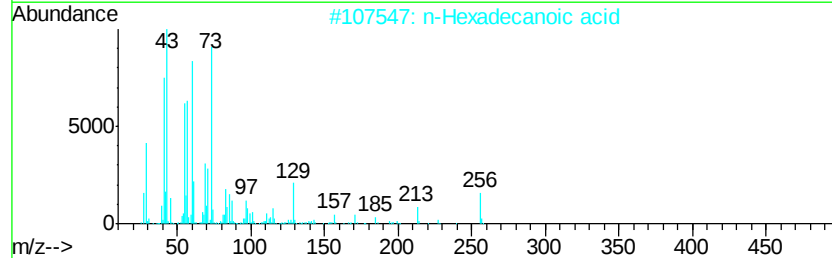
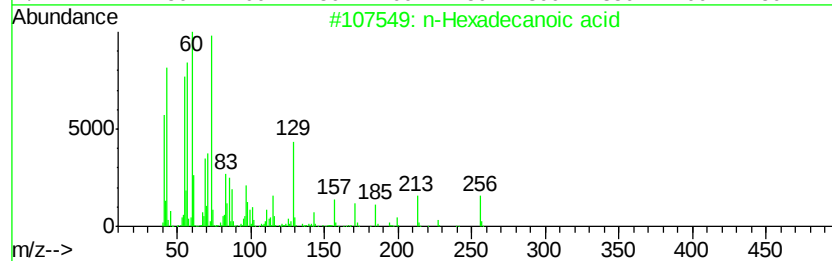
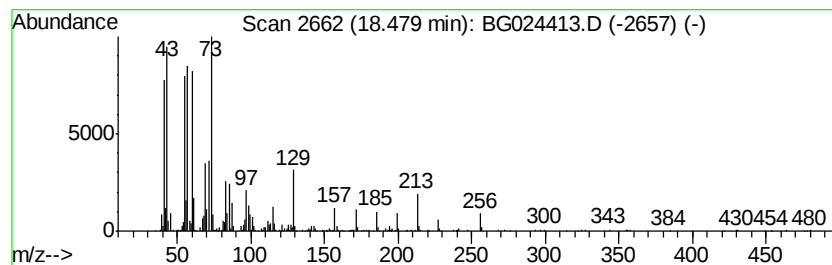
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	5.52 ng/ul	1263880	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Tridecanoic acid	214	C13H26O2	000638-53-9	68



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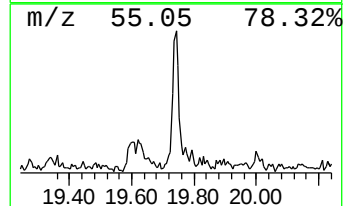
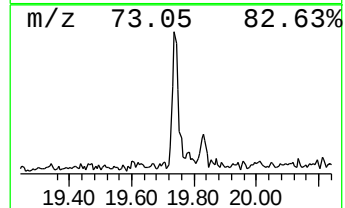
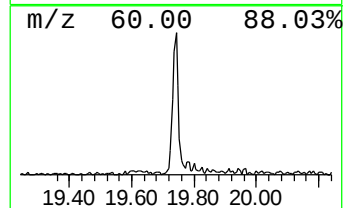
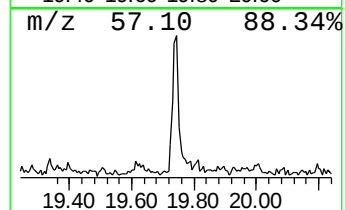
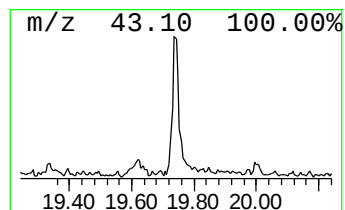
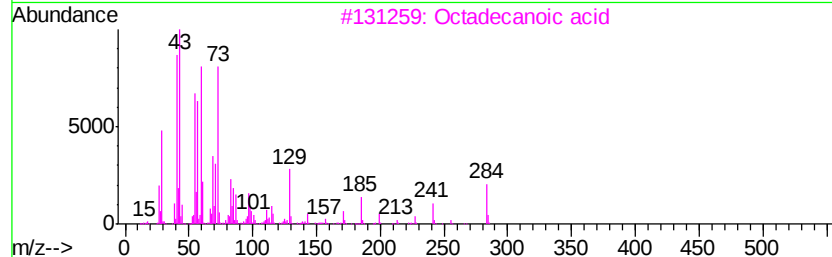
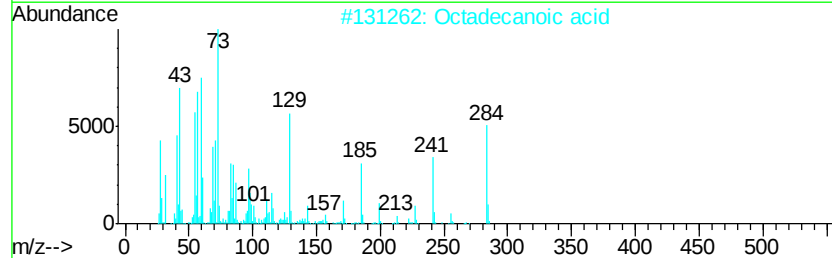
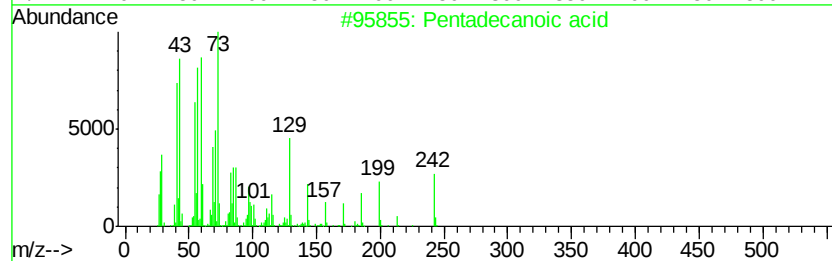
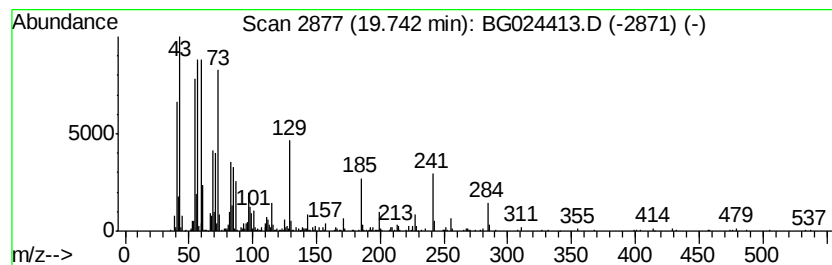
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Peak Number 3 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.94 ng/ul	673801	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	94	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024413.D
Acq On : 18 Oct 2016 10:23
Operator : UM/SJ
Sample : H5223-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNJ8

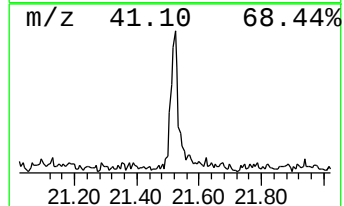
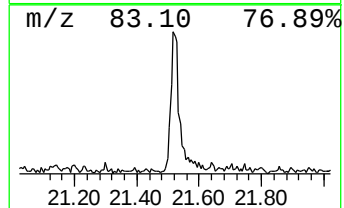
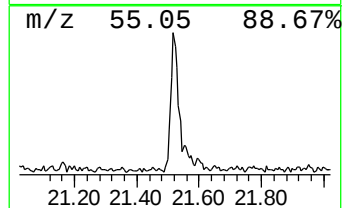
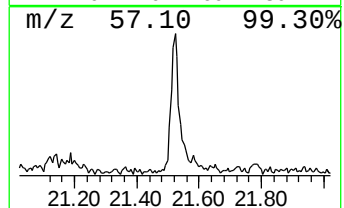
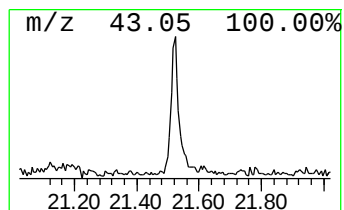
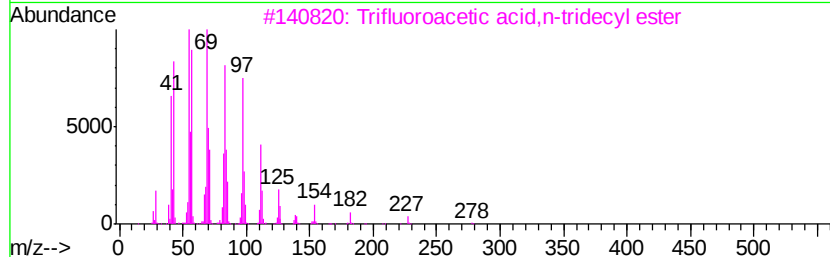
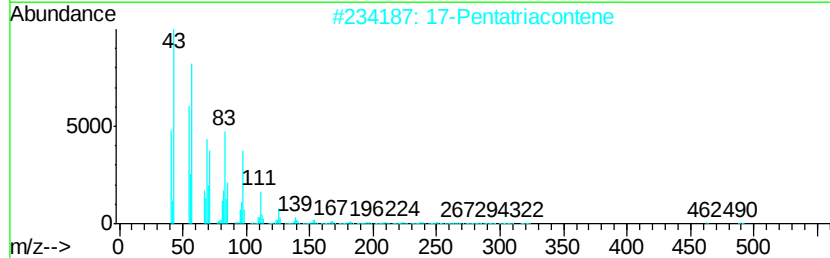
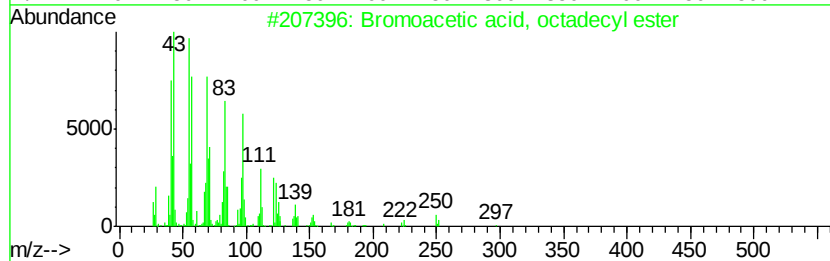
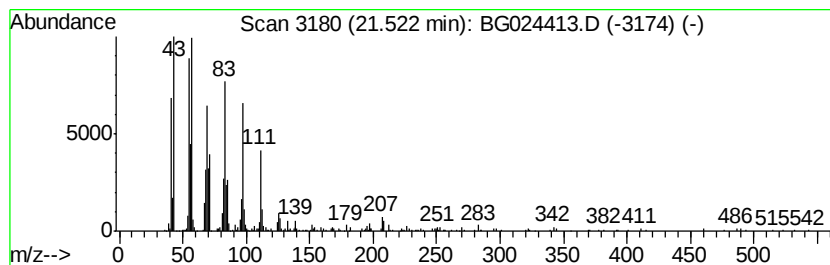
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Bromoacetic acid, octadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.69 ng/ul	727615	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	76
2		17-Pentatriacontene	491	C35H70	006971-40-0	74
3		Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	74
4		9-Nonadecene	266	C19H38	031035-07-1	74
5		1-Hexadecanol	242	C16H34O	036653-82-4	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101716\
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Sample : H5223-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNJ8

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-Pentanone, 4-hy...	5.35	2.5	ng/ul	191035	1	8.28	1551430	20.0
n-Hexadecanoic acid	18.48	5.5	ng/ul	1263880	4	17.64	4580520	20.0
Pentadecanoic acid	19.74	2.9	ng/ul	673801	4	17.64	4580520	20.0
Bromoacetic acid,...	21.52	2.7	ng/ul	727615	5	21.93	5416310	20.0