

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
 Data File : BG025740.D
 Acq On : 1 Feb 2017 6:18
 Operator : SJ/MA
 Sample : I1460-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNT4

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-BG011817.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	2.915	11	13	22	rVB5	26648	50174	1.33%	0.132%
2	3.009	24	29	34	rVB5	24054	44354	1.18%	0.116%
3	3.061	34	38	46	rVB	58714	92139	2.44%	0.242%
4	3.150	47	53	55	rBV7	19360	27337	0.73%	0.072%
5	3.179	56	58	68	rVB8	14486	28621	0.76%	0.075%
6	3.273	71	74	76	rVB3	8343	8565	0.23%	0.022%
7	3.367	87	90	95	rBV6	8350	18613	0.49%	0.049%
8	3.496	108	112	119	rVB3	23972	40210	1.07%	0.106%
9	3.896	175	180	182	rVB5	6078	9537	0.25%	0.025%
10	4.013	194	200	215	rBV4	26757	66366	1.76%	0.174%
11	4.483	278	280	283	rVB4	6014	7635	0.20%	0.020%
12	4.636	305	306	313	rVB4	5125	8824	0.23%	0.023%
13	4.848	337	342	345	rBV4	7920	10347	0.27%	0.027%
14	4.912	351	353	360	rVB6	7816	9544	0.25%	0.025%
15	5.136	389	391	394	rVB3	7167	8064	0.21%	0.021%
16	5.194	394	401	403	rBV6	8621	16462	0.44%	0.043%
17	5.224	403	406	412	rBV6	9672	18250	0.48%	0.048%
18	5.347	426	427	434	rVB6	6093	8893	0.24%	0.023%
19	5.588	463	468	473	rBV7	7093	13388	0.36%	0.035%
20	5.735	491	493	503	rVB4	7385	12162	0.32%	0.032%
21	6.363	595	600	605	rVB7	7211	14376	0.38%	0.038%
22	6.463	613	617	624	rVB9	7585	13878	0.37%	0.036%
23	6.569	634	635	639	rVB3	6982	7409	0.20%	0.019%
24	6.622	639	644	647	rBV4	10632	18495	0.49%	0.049%
25	6.710	655	659	667	rBV7	9442	19678	0.52%	0.052%
26	6.916	691	694	698	rBV6	6984	9901	0.26%	0.026%
27	7.168	732	737	741	rVB6	6949	9931	0.26%	0.026%
28	7.333	757	765	781	rBV2	390551	959683	25.46%	2.521%
29	7.486	784	791	804	rVB	325116	588495	15.61%	1.546%
30	7.697	818	827	840	rBV	408901	792084	21.02%	2.080%
31	8.103	893	896	899	rVB4	5166	8433	0.22%	0.022%
32	8.167	899	907	921	rBV	384228	724783	19.23%	1.904%
33	8.344	935	937	948	rBV9	5516	15460	0.41%	0.041%
34	8.549	966	972	974	rBV5	4681	9097	0.24%	0.024%

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35	8.743	999	1005	1007	rBV7	4932	9139	0.24%	0.024%
36	8.884	1019	1029	1048	rBV	434435	910164	24.15%	2.391%
37	9.013	1048	1051	1059	rVB5	12636	24662	0.65%	0.065%
38	9.119	1066	1069	1075	rVB5	9149	11124	0.30%	0.029%
39	9.190	1075	1081	1083	rBV5	5717	11190	0.30%	0.029%
40	9.348	1100	1108	1120	rBV	427120	835049	22.16%	2.193%
41	9.472	1124	1129	1134	rBV6	13692	33145	0.88%	0.087%
42	9.613	1149	1153	1156	rVB5	8859	11301	0.30%	0.030%
43	9.654	1156	1160	1172	rBV4	27819	55332	1.47%	0.145%
44	9.918	1200	1205	1208	rVB4	4341	7994	0.21%	0.021%
45	9.965	1211	1213	1216	rBV3	6018	7375	0.20%	0.019%
46	10.077	1224	1232	1245	rBV2	397280	784734	20.82%	2.061%
47	10.271	1260	1265	1270	rVB7	7132	15397	0.41%	0.040%
48	10.365	1270	1281	1283	rBV9	12042	35338	0.94%	0.093%
49	10.623	1318	1325	1349	rVV	480632	1094380	29.04%	2.874%
50	10.776	1349	1351	1357	rVB6	9418	10895	0.29%	0.029%
51	10.993	1380	1388	1399	rBV	533392	1035461	27.47%	2.720%
52	11.146	1406	1414	1434	rBV2	299687	740235	19.64%	1.944%
53	11.440	1458	1464	1466	rBV7	5921	9035	0.24%	0.024%
54	11.945	1546	1550	1554	rBV5	5560	7826	0.21%	0.021%
55	11.998	1556	1559	1568	rBV9	9101	22275	0.59%	0.059%
56	12.221	1595	1597	1603	rVB5	6762	13019	0.35%	0.034%
57	12.421	1628	1631	1635	rVB5	7786	10041	0.27%	0.026%
58	12.580	1651	1658	1663	rBV8	15291	31064	0.82%	0.082%
59	12.627	1663	1666	1672	rVB6	6756	13782	0.37%	0.036%
60	12.785	1686	1693	1696	rBV5	5994	10761	0.29%	0.028%
61	13.103	1743	1747	1749	rBV5	9612	13902	0.37%	0.037%
62	13.132	1750	1752	1759	rVV7	9844	20043	0.53%	0.053%
63	13.379	1787	1794	1796	rVB6	12051	21965	0.58%	0.058%
64	13.567	1823	1826	1833	rVB6	11158	18054	0.48%	0.047%
65	13.655	1837	1841	1848	rVB7	14291	29322	0.78%	0.077%
66	14.190	1926	1932	1936	rBV	1148102	1669738	44.30%	4.386%
67	14.237	1936	1940	1955	rVB	472043	717847	19.05%	1.885%
68	14.495	1975	1984	1997	rVB	1226208	1940681	51.49%	5.097%
69	14.642	2005	2009	2015	rVB4	23275	35764	0.95%	0.094%
70	14.707	2015	2020	2022	rBV5	4856	7456	0.20%	0.020%
71	14.795	2022	2035	2044	rBV	937327	1510926	40.09%	3.968%

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72	15.042	2071	2077	2095	rBV3	220512	676871	17.96%	1.778%
73	15.177	2095	2100	2108	rVV3	137313	249918	6.63%	0.656%
74	15.541	2155	2162	2166	rBV3	40943	80535	2.14%	0.212%
75	15.582	2166	2169	2174	rVB2	62861	89077	2.36%	0.234%
76	15.788	2196	2204	2215	rBV	1582587	2549763	67.65%	6.697%
77	15.935	2223	2229	2241	rBV3	411450	814070	21.60%	2.138%
78	16.023	2242	2244	2250	rVB7	33039	45998	1.22%	0.121%
79	16.205	2271	2275	2279	rBV6	13216	18157	0.48%	0.048%
80	16.293	2285	2290	2291	rBV5	14327	17225	0.46%	0.045%
81	16.446	2311	2316	2326	rBV4	80908	210797	5.59%	0.554%
82	16.898	2389	2393	2400	rBV9	45477	98356	2.61%	0.258%
83	17.233	2445	2450	2454	rBV	84286	110526	2.93%	0.290%
84	17.280	2454	2458	2464	rVV3	58907	85813	2.28%	0.225%
85	17.544	2496	2503	2514	rBV2	1165451	1963314	52.09%	5.157%
86	17.644	2514	2520	2528	rVB	1747921	2698741	71.60%	7.088%
87	17.768	2538	2541	2548	rBV9	22666	50010	1.33%	0.131%
88	17.879	2556	2560	2567	rBV5	62294	122598	3.25%	0.322%
89	17.968	2571	2575	2585	rVB	117357	183147	4.86%	0.481%
90	18.385	2640	2646	2656	rBV4	147161	320946	8.52%	0.843%
91	18.461	2656	2659	2667	rVB9	48877	80999	2.15%	0.213%
92	18.608	2681	2684	2688	rBV6	36065	38202	1.01%	0.100%
93	18.655	2688	2692	2697	rVV2	88988	110349	2.93%	0.290%
94	19.284	2796	2799	2801	rVB3	38587	30901	0.82%	0.081%
95	19.589	2844	2851	2856	rVB	254109	408536	10.84%	1.073%
96	19.918	2901	2907	2920	rBV2	2306773	3768932	100.00%	9.899%
97	21.405	3156	3160	3171	rVB9	85358	244673	6.49%	0.643%
98	21.828	3224	3232	3238	rBV	1307218	2479573	65.79%	6.513%
99	24.977	3758	3768	3777	rBV3	1019981	2871449	76.19%	7.542%
100	25.206	3797	3807	3823	rVB2	755287	2226794	59.08%	5.849%

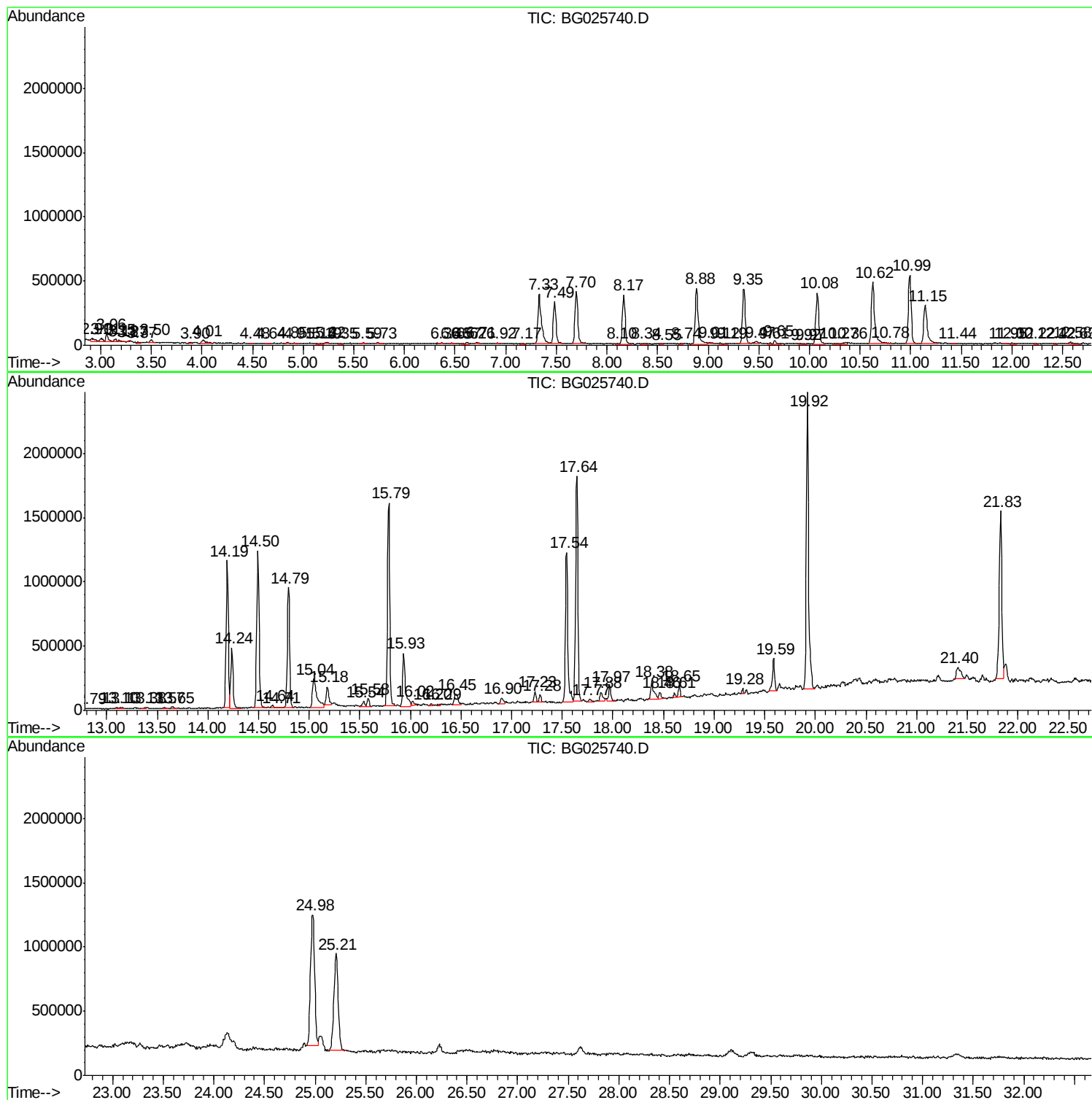
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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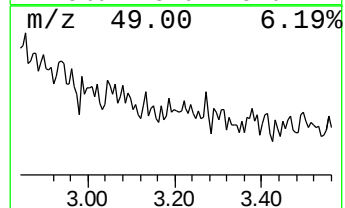
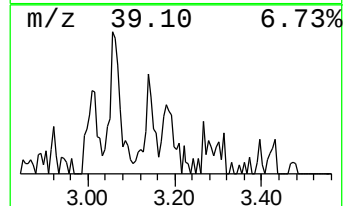
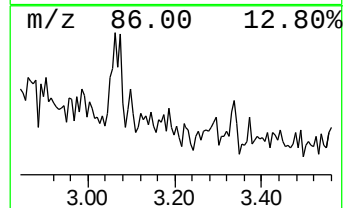
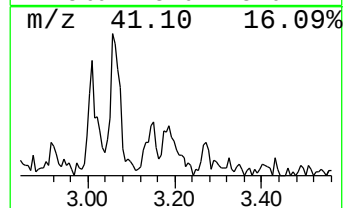
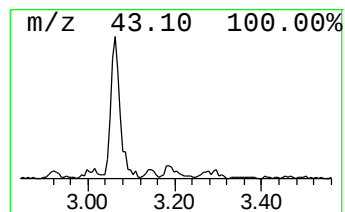
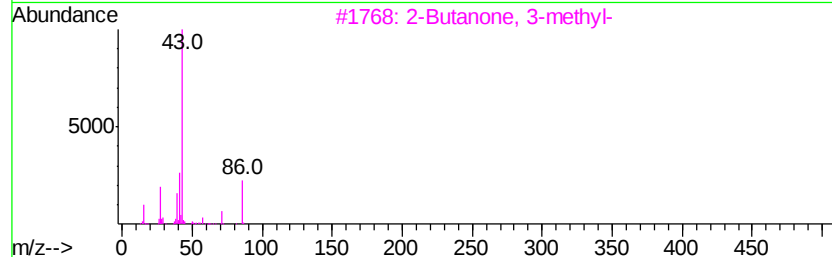
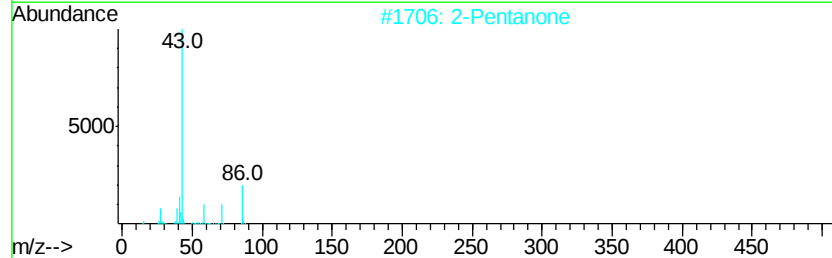
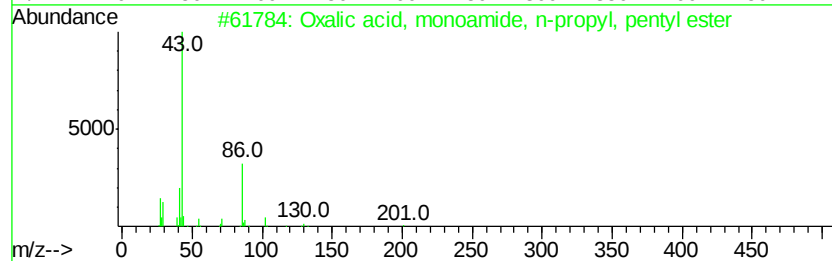
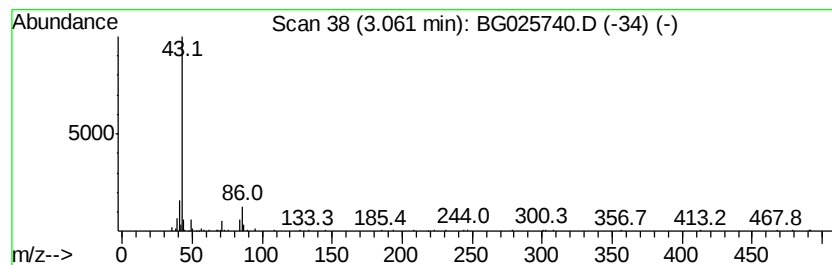
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	2.54 ng/ul	92139	1,4-Dichlorobenzene-d4	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, monoamide, n-propyl...	201	C10H19NO3	1000309-64-3	23
2			2-Pentanone	86	C5H10O	000107-87-9	10
3			2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
4			2-Pentanone	86	C5H10O	000107-87-9	9
5			2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9



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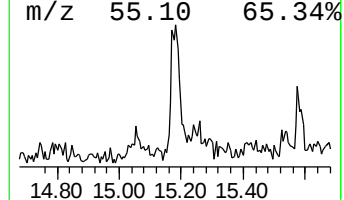
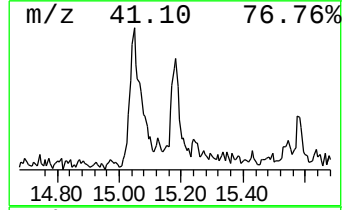
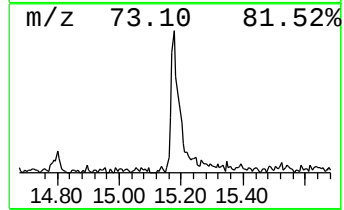
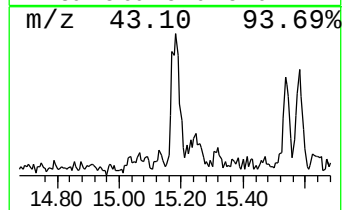
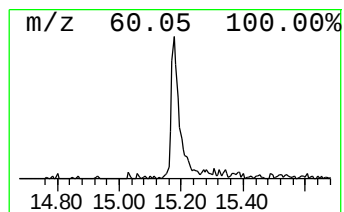
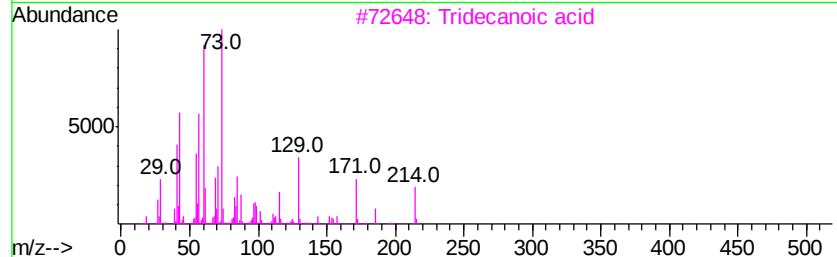
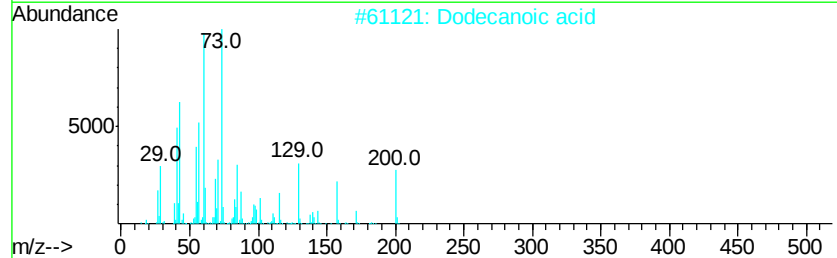
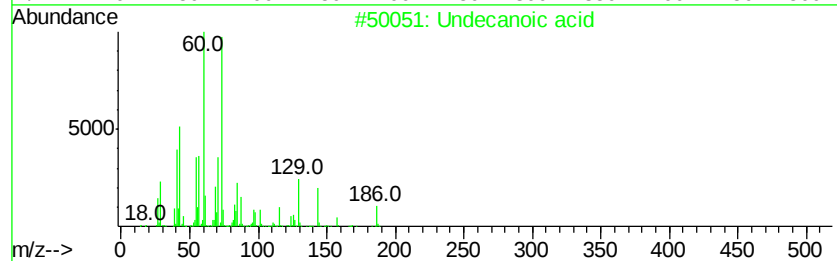
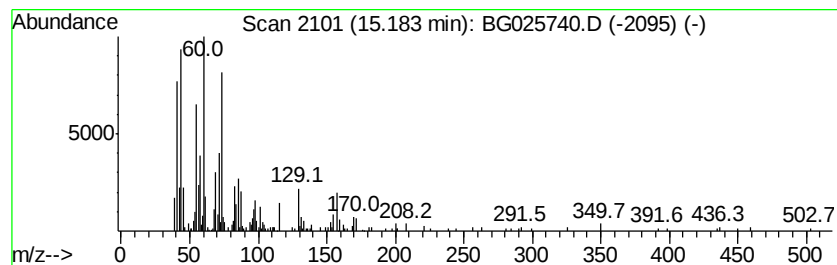
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Peak Number 2 Undecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	3.31 ng/ul	249918	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid	186	C11H22O2	000112-37-8	90
2		Dodecanoic acid	200	C12H24O2	000143-07-7	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	78
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



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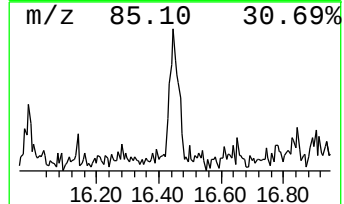
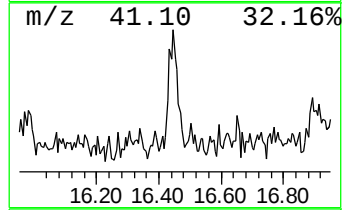
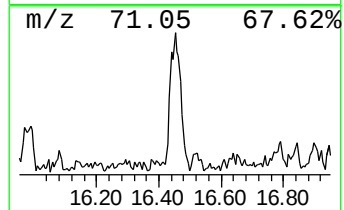
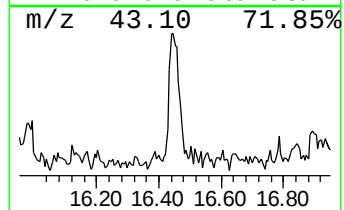
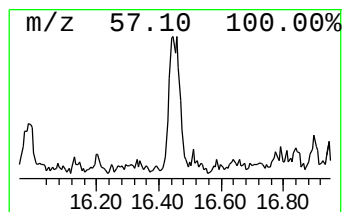
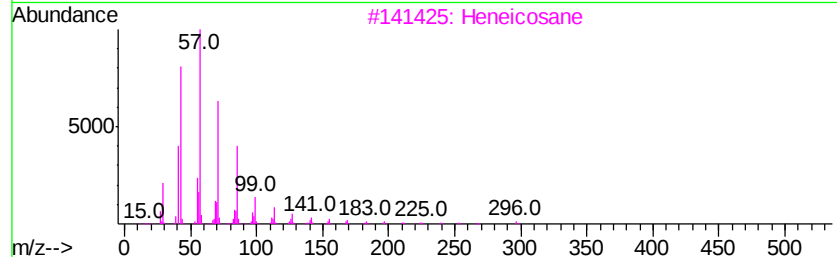
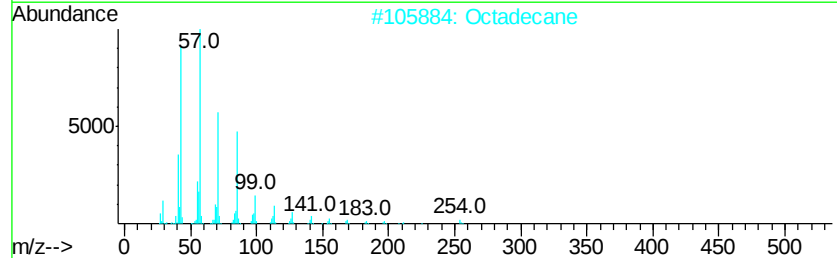
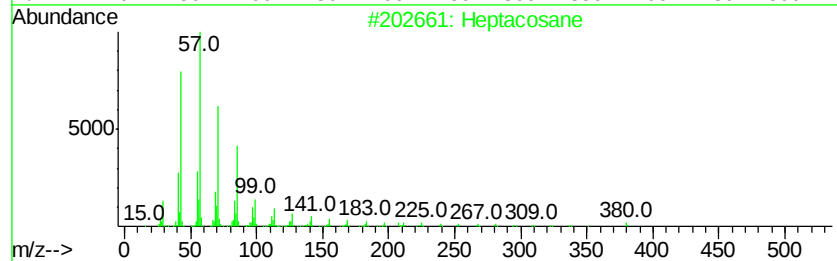
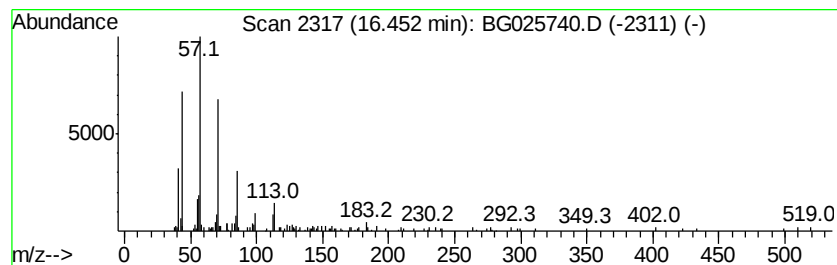
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.15 ng/ul	210797	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	68
2		Octadecane	254	C18H38	000593-45-3	64
3		Heneicosane	296	C21H44	000629-94-7	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
Data File : BG025740.D
Acq On : 1 Feb 2017 6:18
Operator : SJ/MA
Sample : I1460-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNT4

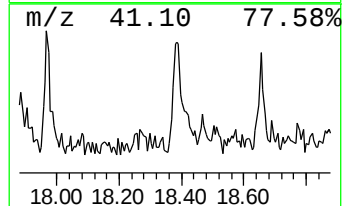
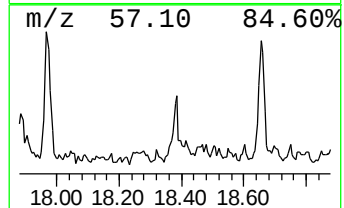
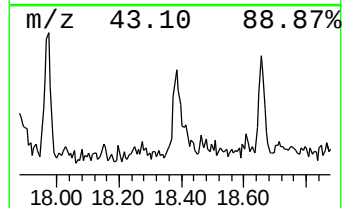
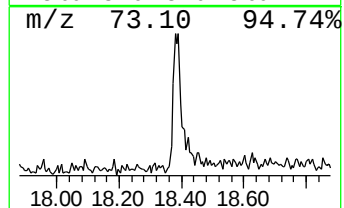
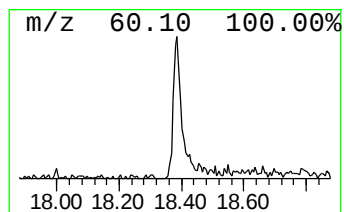
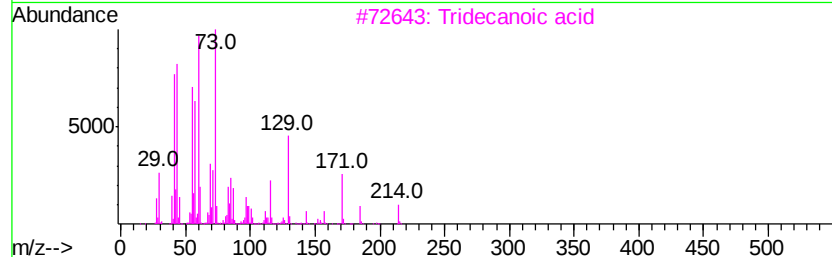
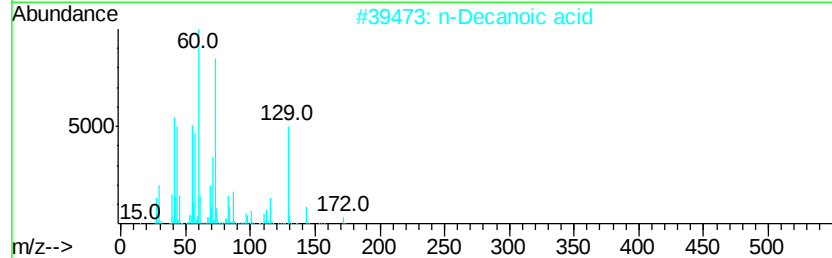
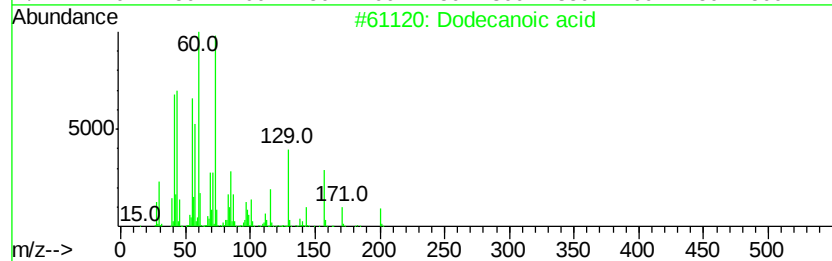
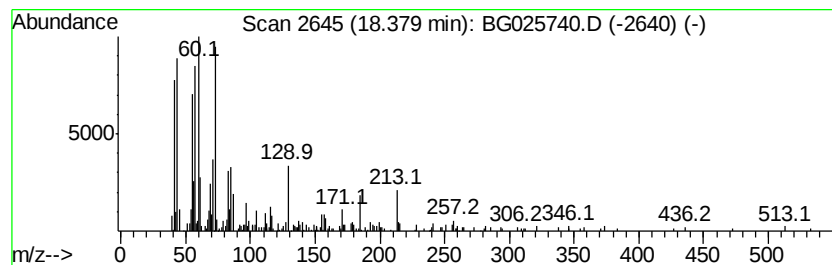
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.27 ng/ul	320946	Phenanthrene-d10	17.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	89	
2	n-Decanoic acid	172	C10H20O2	000334-48-5	70	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64	
4	Dodecanoic acid	200	C12H24O2	000143-07-7	59	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53	



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BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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
unknown-01	3.06	2.5	ng/ul	92139	1	8.17	724783	20.0
Undecanoic acid	15.18	3.3	ng/ul	249918	3	14.79	1510930	20.0
(DEL) Alkane: Str...	16.45	2.1	ng/ul	210797	4	17.54	1963310	20.0
Dodecanoic acid	18.38	3.3	ng/ul	320946	4	17.54	1963310	20.0