

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081915\
 Data File : BG018472.D
 Acq On : 19 Aug 2015 13:49
 Operator : UM/MA
 Sample : G3302-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0542

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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	2.889	6	9	20	rVB	41514	61904	1.84%	0.179%
2	2.978	22	24	25	rBV2	5442	5031	0.15%	0.015%
3	3.113	42	47	54	rBV	149903	240515	7.15%	0.696%
4	3.183	54	59	76	rVB	1432032	2063830	61.32%	5.969%
5	3.424	97	100	102	rBV4	4692	4940	0.15%	0.014%
6	3.483	107	110	114	rVB4	10722	12145	0.36%	0.035%
7	3.788	159	162	165	rVB4	4501	4406	0.13%	0.013%
8	4.094	212	214	218	rBV4	4728	7911	0.24%	0.023%
9	4.147	220	223	226	rVB3	6133	6141	0.18%	0.018%
10	4.499	276	283	287	rBV8	4674	7452	0.22%	0.022%
11	4.728	314	322	334	rBV	599397	961774	28.58%	2.782%
12	5.099	383	385	388	rBV4	5130	5671	0.17%	0.016%
13	5.263	409	413	416	rVB5	4067	6363	0.19%	0.018%
14	5.369	429	431	435	rVB6	4319	5719	0.17%	0.017%
15	6.121	557	559	563	rBV4	3578	4517	0.13%	0.013%
16	6.215	573	575	577	rBV3	4604	4608	0.14%	0.013%
17	6.509	622	625	628	rBV4	2998	4970	0.15%	0.014%
18	7.014	707	711	713	rBV5	6867	8586	0.26%	0.025%
19	7.173	732	738	747	rVB	87148	150549	4.47%	0.435%
20	7.337	760	766	773	rBV	339097	531729	15.80%	1.538%
21	7.543	795	801	812	rBV	310562	533949	15.86%	1.544%
22	7.784	838	842	844	rBV3	5005	7909	0.23%	0.023%
23	8.013	874	881	892	rBV	389399	650978	19.34%	1.883%
24	8.095	892	895	899	rVB5	5720	7393	0.22%	0.021%
25	8.242	917	920	922	rBV3	7170	9799	0.29%	0.028%
26	8.542	967	971	974	rBV5	4935	7631	0.23%	0.022%
27	8.712	993	1000	1009	rBV	251901	468784	13.93%	1.356%
28	8.894	1029	1031	1033	rBV2	5310	5158	0.15%	0.015%
29	9.018	1048	1052	1056	rVB7	5079	8609	0.26%	0.025%
30	9.047	1056	1057	1060	rBV3	4909	5470	0.16%	0.016%
31	9.170	1071	1078	1085	rBV	384781	678302	20.15%	1.962%
32	9.247	1090	1091	1094	rVB3	4854	4486	0.13%	0.013%
33	9.347	1103	1108	1110	rBV5	3642	5078	0.15%	0.015%
34	9.564	1139	1145	1146	rBV5	3857	5537	0.16%	0.016%

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35	9.605	1150	1152	1159	rVB5	5574	8815	0.26%	0.025%
36	9.893	1194	1201	1209	rBV2	311295	547061	16.25%	1.582%
37	10.122	1238	1240	1245	rVB4	3761	5041	0.15%	0.015%
38	10.204	1250	1254	1256	rBV4	3439	4459	0.13%	0.013%
39	10.434	1283	1293	1301	rBV	478916	852000	25.31%	2.464%
40	10.821	1351	1359	1367	rVB	578523	1031323	30.64%	2.983%
41	10.898	1371	1372	1377	rVB5	4463	4553	0.14%	0.013%
42	10.939	1377	1379	1382	rBV3	4091	4882	0.15%	0.014%
43	11.926	1544	1547	1550	rBV3	4758	6313	0.19%	0.018%
44	12.226	1596	1598	1601	rBV4	4703	4695	0.14%	0.014%
45	12.637	1666	1668	1671	rBV4	4185	4764	0.14%	0.014%
46	12.778	1689	1692	1695	rBV4	3576	4702	0.14%	0.014%
47	13.048	1735	1738	1739	rBV3	6977	5304	0.16%	0.015%
48	13.248	1765	1772	1779	rBV8	14025	28075	0.83%	0.081%
49	13.859	1874	1876	1880	rVB5	3784	5485	0.16%	0.016%
50	13.906	1880	1884	1885	rBV4	4984	4731	0.14%	0.014%
51	14.041	1901	1907	1912	rBV	1038275	1494268	44.40%	4.322%
52	14.088	1912	1915	1920	rVB	97591	130010	3.86%	0.376%
53	14.288	1946	1949	1950	rBV3	5065	4808	0.14%	0.014%
54	14.335	1950	1957	1965	rVB	1200445	1895756	56.33%	5.483%
55	14.640	1998	2009	2019	rVB2	1027009	1626857	48.34%	4.705%
56	14.823	2034	2040	2051	rBV2	98034	176141	5.23%	0.509%
57	15.052	2074	2079	2082	rBV6	7771	13529	0.40%	0.039%
58	15.298	2118	2121	2124	rBV4	3076	4454	0.13%	0.013%
59	15.363	2129	2132	2135	rBV5	5726	7784	0.23%	0.023%
60	15.439	2141	2145	2149	rBV4	8229	13050	0.39%	0.038%
61	15.627	2170	2177	2184	rBV	1597479	2479121	73.66%	7.170%
62	15.680	2184	2186	2190	rVB4	4983	4542	0.13%	0.013%
63	15.739	2190	2196	2202	rBV	439488	650253	19.32%	1.881%
64	15.868	2214	2218	2226	rBV9	13727	27312	0.81%	0.079%
65	15.986	2235	2238	2239	rBV3	5825	6944	0.21%	0.020%
66	16.315	2290	2294	2295	rBV4	8718	8277	0.25%	0.024%
67	16.344	2296	2299	2302	rVV2	19999	21936	0.65%	0.063%
68	16.403	2307	2309	2314	rVB5	6724	10431	0.31%	0.030%
69	16.526	2327	2330	2333	rVB4	9002	9446	0.28%	0.027%
70	16.579	2337	2339	2342	rVV4	6709	6779	0.20%	0.020%
71	16.626	2345	2347	2352	rBV5	4724	6134	0.18%	0.018%

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72	16.679	2355	2356	2361	rVV5	3551	4853	0.14%	0.014%
73	16.850	2379	2385	2388	rBV6	7096	13483	0.40%	0.039%
74	17.137	2430	2434	2437	rBV2	28927	42599	1.27%	0.123%
75	17.384	2469	2476	2483	rBV2	1459877	2233753	66.37%	6.461%
76	17.478	2486	2492	2502	rVB2	1861142	2875215	85.43%	8.316%
77	17.749	2536	2538	2544	rVB6	7461	10565	0.31%	0.031%
78	17.807	2544	2548	2551	rBV5	4755	6297	0.19%	0.018%
79	17.854	2552	2556	2557	rBV4	12720	16603	0.49%	0.048%
80	18.042	2587	2588	2593	rVB5	7124	8299	0.25%	0.024%
81	18.154	2605	2607	2611	rVB5	5538	4919	0.15%	0.014%
82	18.271	2622	2627	2636	rBV	291314	465673	13.84%	1.347%
83	18.706	2699	2701	2703	rBV3	6760	4882	0.15%	0.014%
84	19.400	2815	2819	2821	rBV5	13142	18130	0.54%	0.052%
85	19.541	2839	2843	2854	rBV	215409	331782	9.86%	0.960%
86	19.646	2859	2861	2866	rVB2	24491	32338	0.96%	0.094%
87	19.764	2875	2881	2888	rBV	2277762	3365699	100.00%	9.734%
88	21.538	3180	3183	3188	rVB2	38899	55250	1.64%	0.160%
89	21.644	3194	3201	3209	rBV	1582460	2534192	75.29%	7.330%
90	24.623	3697	3708	3718	rBV	862014	2349833	69.82%	6.796%
91	24.840	3735	3745	3765	rVB2	892111	2582791	76.74%	7.470%

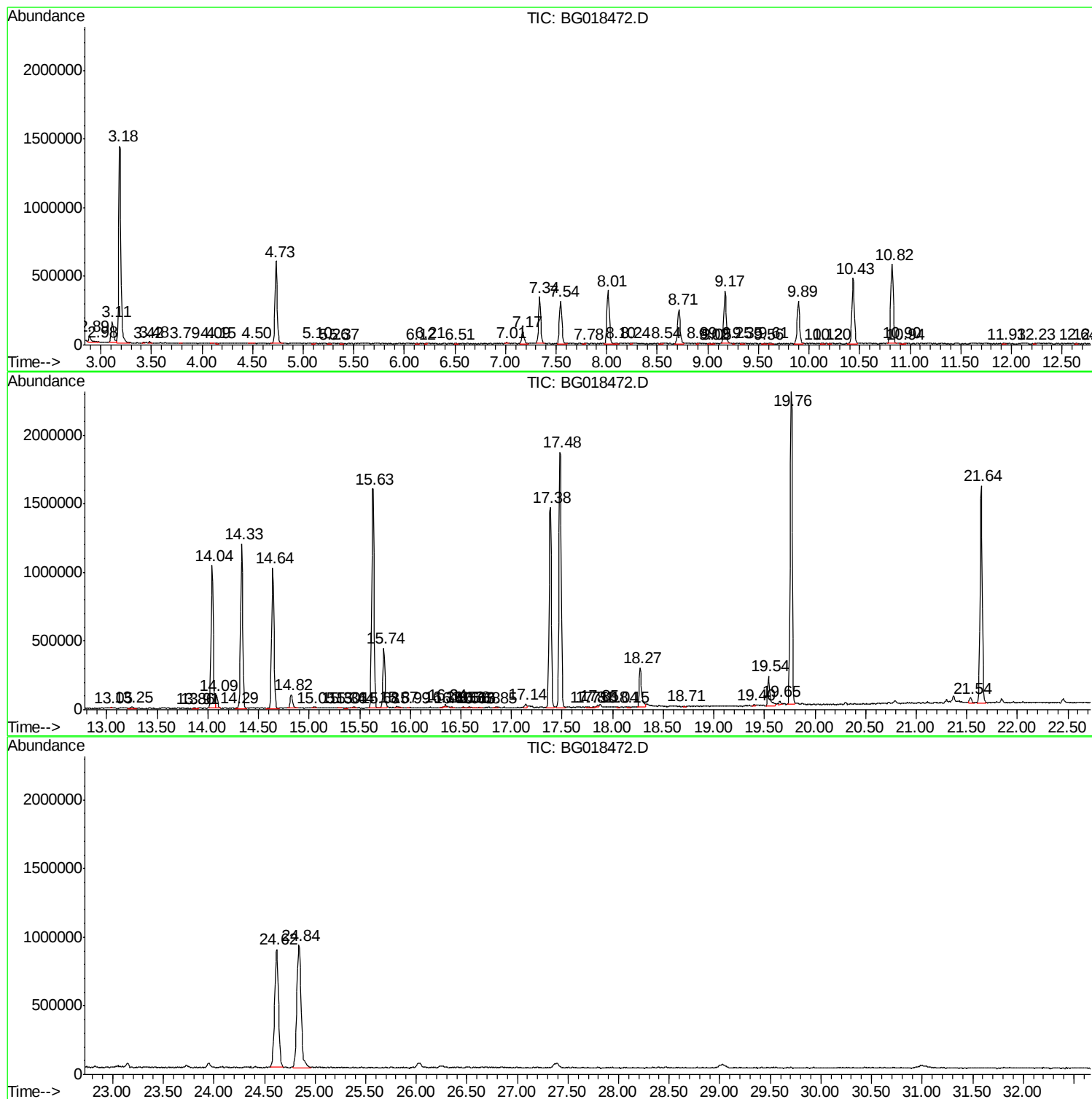
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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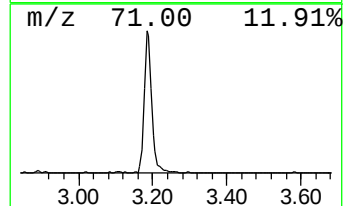
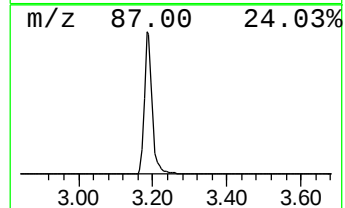
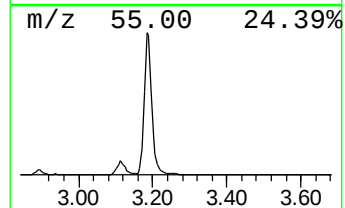
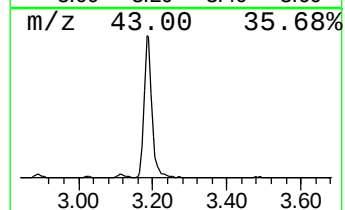
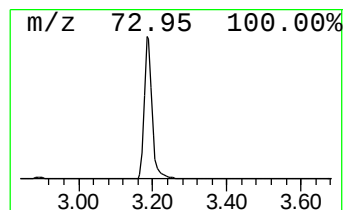
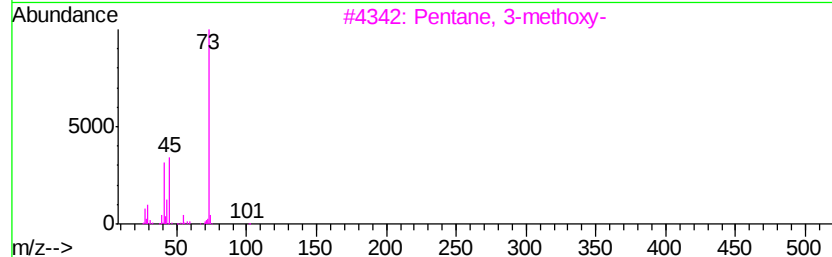
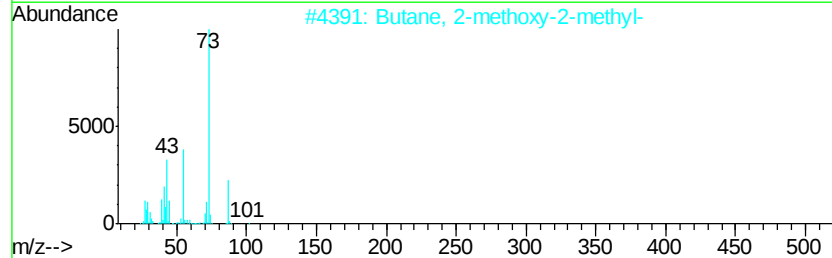
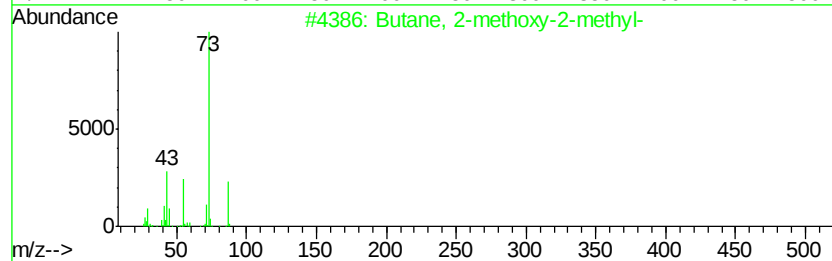
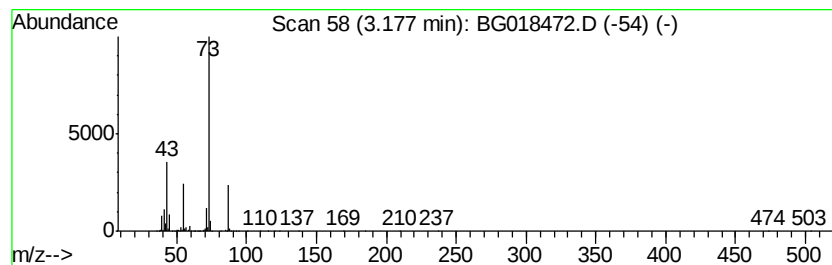
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	63.41 ng/ul	2063830	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12



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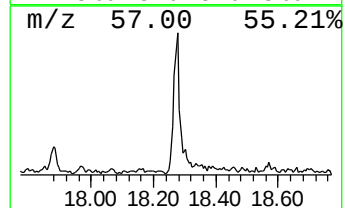
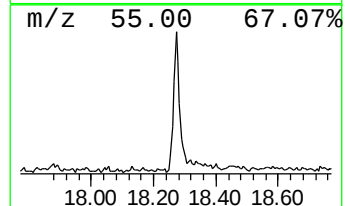
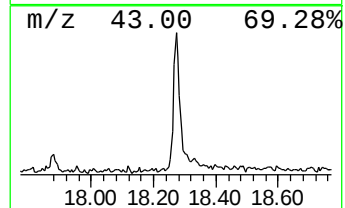
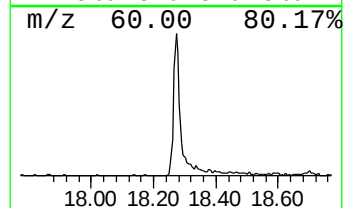
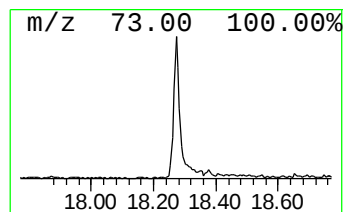
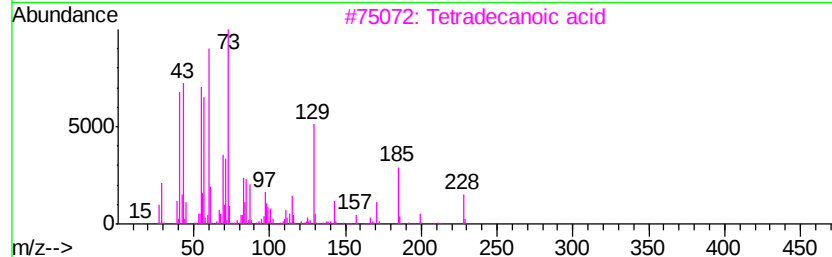
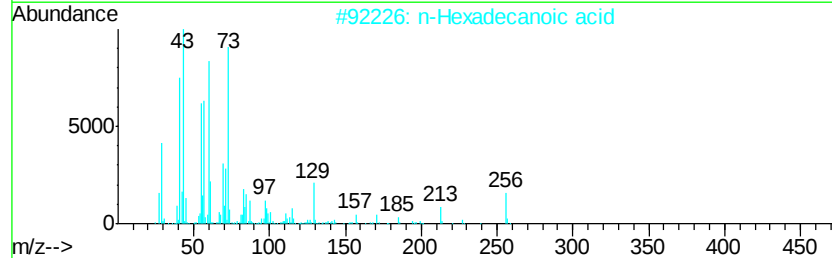
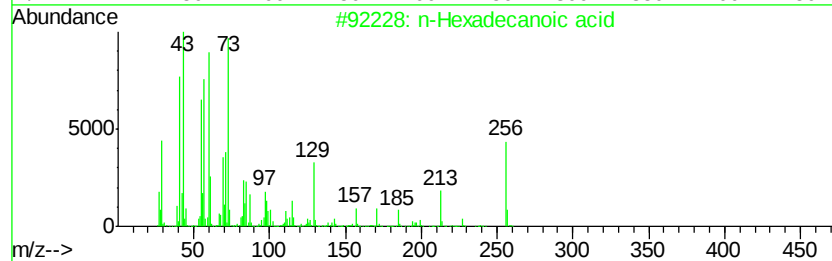
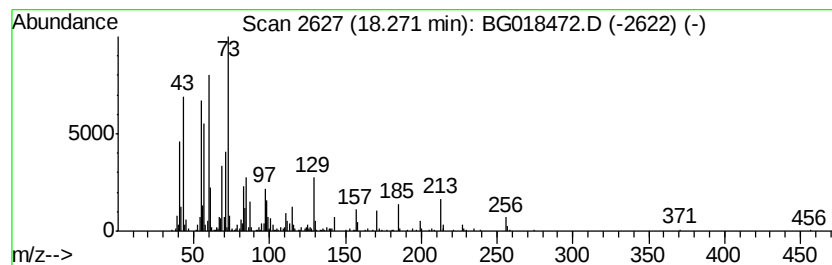
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	4.17 ng/ul	465673	Phenanthrene-d10	17.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64	



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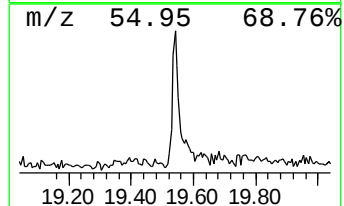
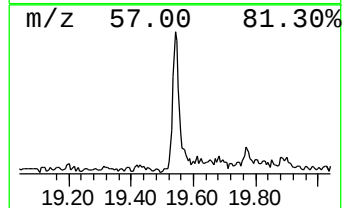
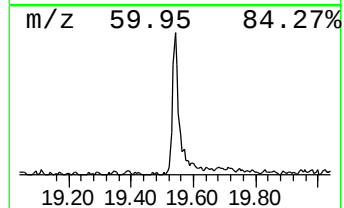
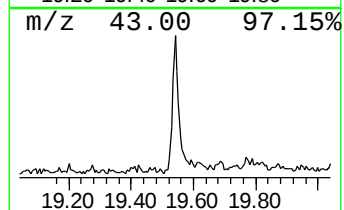
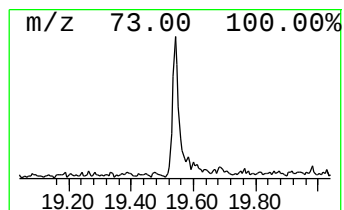
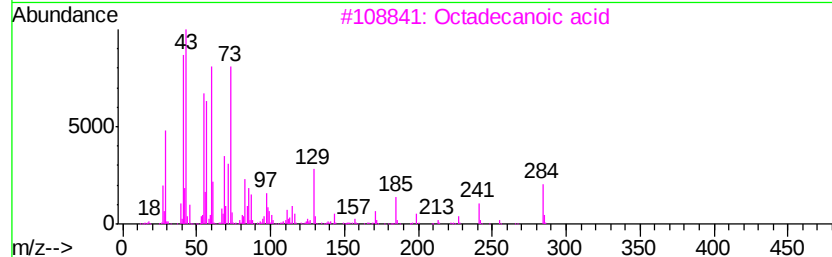
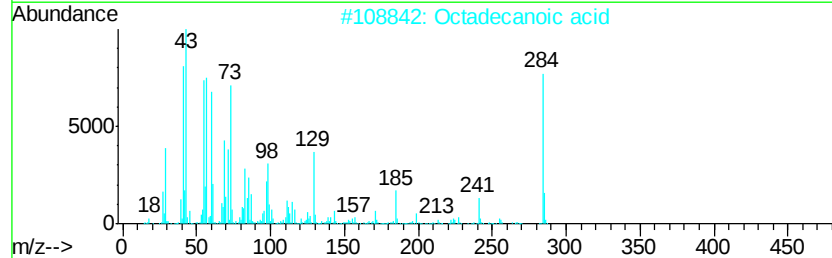
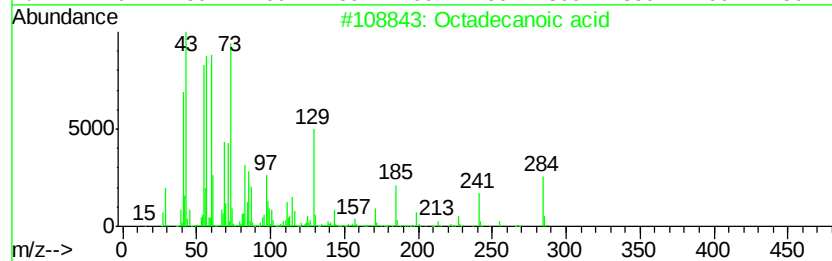
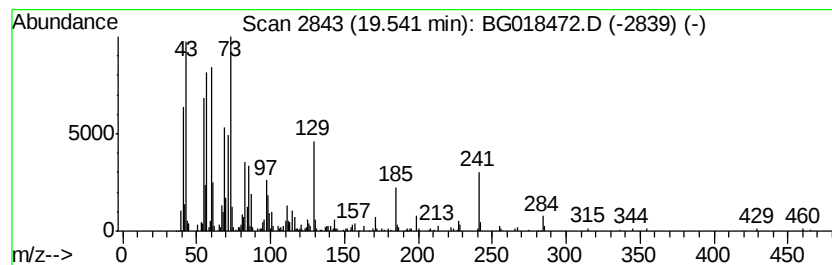
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.62 ng/ul	331782	Chrysene-d12	21.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2		Octadecanoic acid	284	C18H36O2	000057-11-4	91
3		Octadecanoic acid	284	C18H36O2	000057-11-4	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		Octadecanoic acid	284	C18H36O2	000057-11-4	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	63.4	ng/ul	2063830	1	8.01	650978	20.0
n-Hexadecanoic acid	18.27	4.2	ng/ul	465673	4	17.38	2233750	20.0
Octadecanoic acid	19.54	2.6	ng/ul	331782	5	21.64	2534190	20.0