

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
 Data File : BG016209.D
 Acq On : 31 Mar 2015 20:38
 Operator : TP/IZ
 Sample : G1647-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD3

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\SOM01.2-EPA-BG033115.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	2.902	29	36	44	rBV	290124	687701	15.85%	1.602%
2	2.978	44	49	61	rVB	927877	1421667	32.76%	3.311%
3	3.801	185	189	194	rVB2	9809	14868	0.34%	0.035%
4	3.977	216	219	229	rVB5	6950	12054	0.28%	0.028%
5	4.888	368	374	380	rBV2	45476	79471	1.83%	0.185%
6	5.417	460	464	472	rBV3	8740	17376	0.40%	0.040%
7	5.787	523	527	536	rVB3	10513	17733	0.41%	0.041%
8	6.756	683	692	696	rBV5	5767	13620	0.31%	0.032%
9	6.939	714	723	737	rVB	486671	801583	18.47%	1.867%
10	7.103	742	751	758	rBV	392574	596201	13.74%	1.389%
11	7.297	778	784	792	rVV	469973	752708	17.34%	1.753%
12	7.391	792	800	810	rVB4	25145	60791	1.40%	0.142%
13	7.767	856	864	872	rBV	403120	632819	14.58%	1.474%
14	7.884	872	884	891	rBV8	11367	47485	1.09%	0.111%
15	8.472	977	984	991	rVB	594351	933389	21.51%	2.174%
16	8.584	997	1003	1009	rVB	48641	76769	1.77%	0.179%
17	8.866	1046	1051	1054	rBV3	6596	11502	0.27%	0.027%
18	8.919	1054	1060	1068	rVV	437407	720113	16.59%	1.677%
19	8.989	1068	1072	1076	rVB	16547	22988	0.53%	0.054%
20	9.330	1123	1130	1135	rBV3	6566	11911	0.27%	0.028%
21	9.447	1145	1150	1160	rVB8	6243	16421	0.38%	0.038%
22	9.641	1175	1183	1190	rBV	384049	645451	14.87%	1.503%
23	9.794	1205	1209	1219	rVB5	9634	22100	0.51%	0.051%
24	9.953	1232	1236	1240	rBV5	8639	16742	0.39%	0.039%
25	10.176	1267	1274	1282	rVB	556842	916314	21.11%	2.134%
26	10.323	1292	1299	1304	rBV3	13781	24276	0.56%	0.057%
27	10.552	1328	1338	1344	rBV	578446	1002585	23.10%	2.335%
28	10.599	1344	1346	1353	rVB	40073	58454	1.35%	0.136%
29	10.693	1353	1362	1372	rBV	276955	518001	11.94%	1.207%
30	11.380	1476	1479	1484	rVB6	5901	10510	0.24%	0.024%
31	11.463	1487	1493	1500	rBV6	8966	17287	0.40%	0.040%
32	11.574	1507	1512	1517	rBV4	10816	18569	0.43%	0.043%
33	11.974	1575	1580	1586	rBV	28352	41241	0.95%	0.096%
34	12.138	1604	1608	1615	rVV	12289	19698	0.45%	0.046%

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35	12.215	1615	1621	1626	rVB	42846	68277	1.57%	0.159%
36	12.432	1652	1658	1665	rBV	31552	49683	1.14%	0.116%
37	12.503	1665	1670	1674	rVV3	19166	27671	0.64%	0.064%
38	12.608	1681	1688	1692	rBV8	5553	11149	0.26%	0.026%
39	12.931	1739	1743	1750	rVB3	12410	20553	0.47%	0.048%
40	12.996	1750	1754	1758	rBV6	6139	10878	0.25%	0.025%
41	13.219	1787	1792	1799	rVB2	48819	68831	1.59%	0.160%
42	13.431	1823	1828	1831	rBV6	11934	18914	0.44%	0.044%
43	13.572	1844	1852	1856	rBV6	21227	47205	1.09%	0.110%
44	13.713	1872	1876	1882	rBV2	28697	50463	1.16%	0.118%
45	13.807	1882	1892	1897	rBV	911754	1245222	28.69%	2.900%
46	13.854	1897	1900	1903	rVB	50434	59572	1.37%	0.139%
47	13.919	1908	1911	1913	rVV4	11796	14603	0.34%	0.034%
48	13.948	1914	1916	1920	rVV3	17075	24778	0.57%	0.058%
49	13.995	1920	1924	1928	rVB5	10214	15034	0.35%	0.035%
50	14.089	1934	1940	1951	rVB	1147919	1640753	37.81%	3.822%
51	14.230	1961	1964	1969	rVB5	9950	12362	0.28%	0.029%
52	14.295	1971	1975	1981	rVB	64807	80001	1.84%	0.186%
53	14.394	1981	1992	1999	rBV2	829885	1273689	29.35%	2.967%
54	14.459	1999	2003	2011	rVB	76387	116954	2.69%	0.272%
55	14.600	2021	2027	2036	rBV	441051	666628	15.36%	1.553%
56	14.747	2048	2052	2055	rBV2	30046	41486	0.96%	0.097%
57	14.788	2055	2059	2064	rVV2	72524	133154	3.07%	0.310%
58	14.835	2064	2067	2071	rVB	92466	113787	2.62%	0.265%
59	14.912	2077	2080	2089	rVB9	10903	21386	0.49%	0.050%
60	15.058	2102	2105	2108	rVB4	11878	14485	0.33%	0.034%
61	15.246	2133	2137	2141	rVB	55303	67952	1.57%	0.158%
62	15.387	2155	2161	2166	rBV	1376843	1893094	43.62%	4.409%
63	15.440	2166	2170	2174	rVV	107978	156284	3.60%	0.364%
64	15.505	2176	2181	2188	rVB	318082	427622	9.85%	0.996%
65	15.605	2195	2198	2199	rBV3	15387	15765	0.36%	0.037%
66	15.734	2216	2220	2226	rBV3	29453	42061	0.97%	0.098%
67	16.104	2279	2283	2285	rBV	81308	108393	2.50%	0.252%
68	16.592	2363	2366	2369	rBV	74658	83906	1.93%	0.195%
69	16.627	2369	2372	2375	rVB2	41995	54331	1.25%	0.127%
70	16.892	2415	2417	2421	rVB2	41724	49596	1.14%	0.116%
71	16.950	2425	2427	2434	rVB2	57990	74827	1.72%	0.174%

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72	17.138	2454	2459	2463	rBV	857165	1241114	28.60%	2.891%
73	17.179	2463	2466	2470	rVB	594923	719277	16.57%	1.675%
74	17.238	2470	2476	2480	rBV	1245320	1792738	41.31%	4.176%
75	18.043	2609	2613	2622	rVB2	454816	707464	16.30%	1.648%
76	19.201	2805	2810	2814	rBV	2184988	2921836	67.33%	6.806%
77	19.536	2862	2867	2869	rBV2	1646325	2521658	58.11%	5.874%
78	19.565	2869	2872	2877	rVB	2307820	2950384	67.98%	6.872%
79	21.316	3166	3170	3175	rBV2	2199564	4339807	100.00%	10.108%
80	23.548	3546	3550	3556	rVB	2411356	4005304	92.29%	9.329%
81	25.981	3958	3964	3976	rVB	942469	2650962	61.08%	6.175%

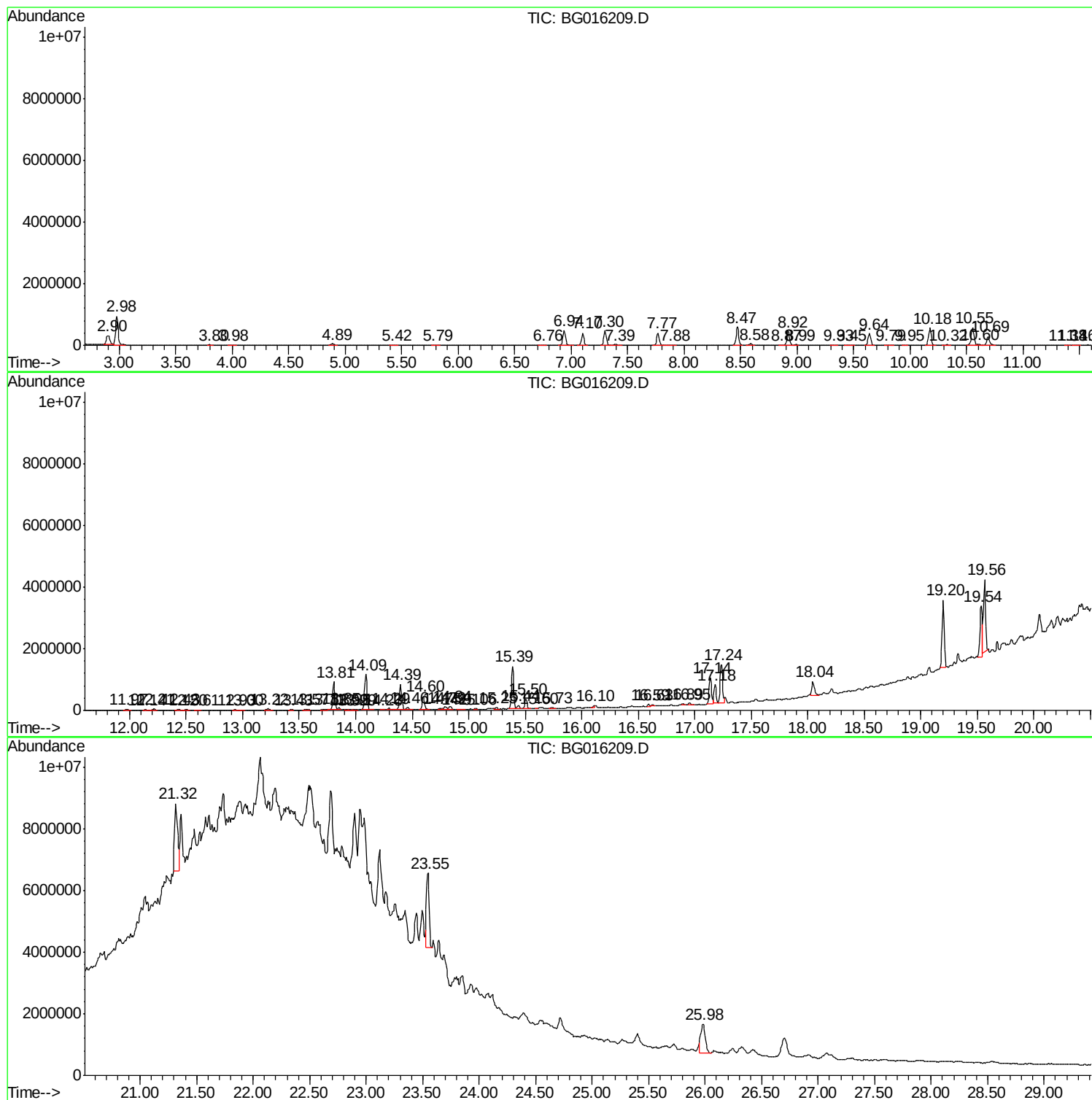
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
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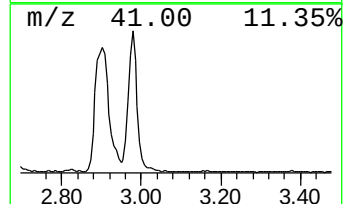
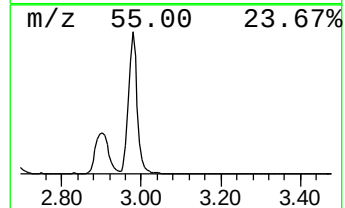
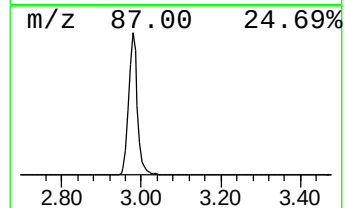
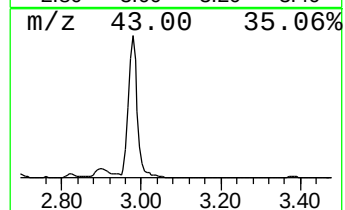
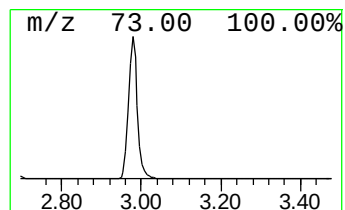
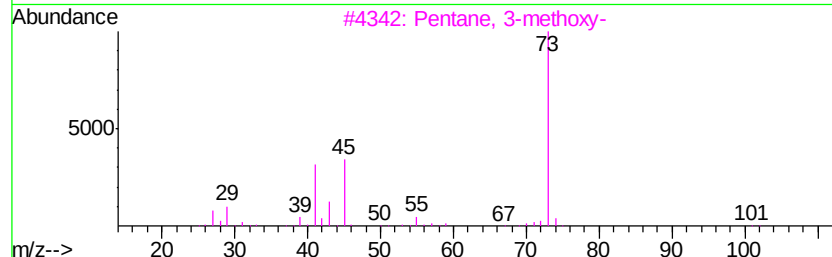
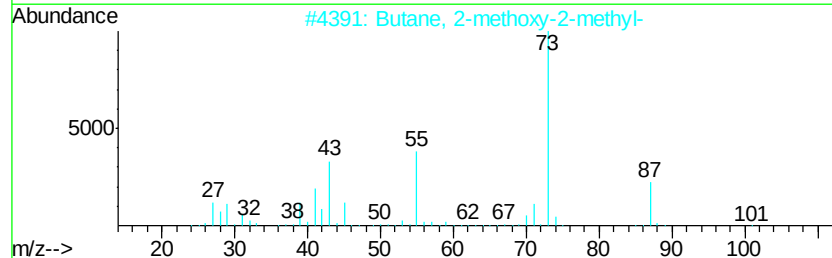
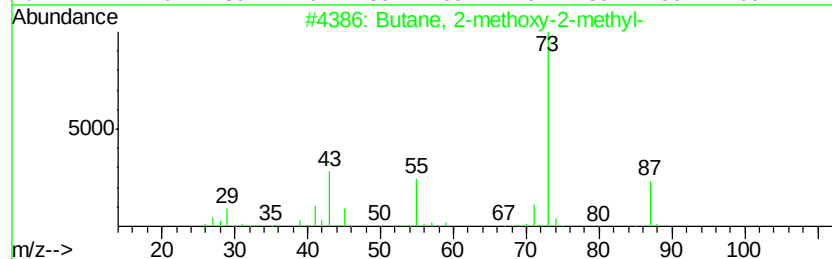
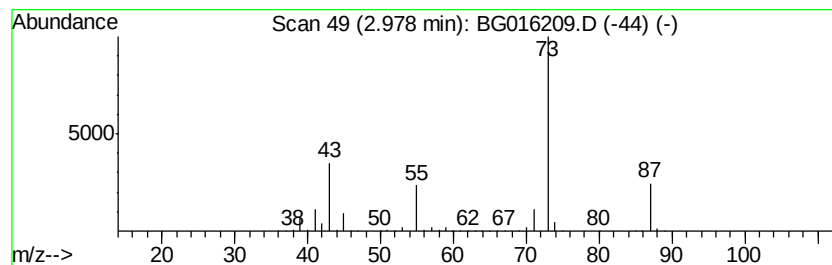
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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.
2.98	44.93 ng/ul	1421670	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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Instrument :
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ClientSampled :
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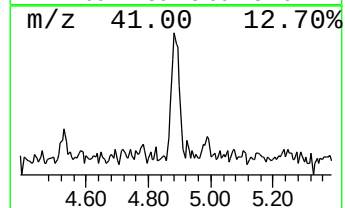
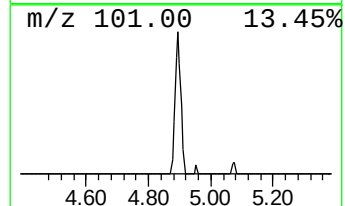
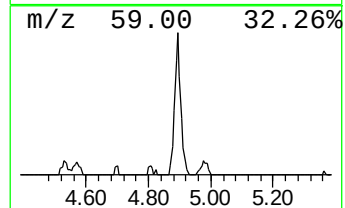
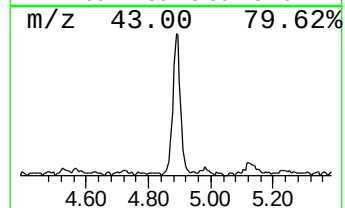
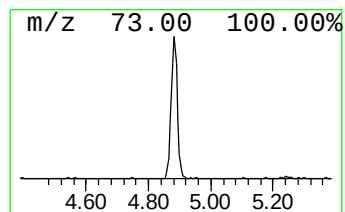
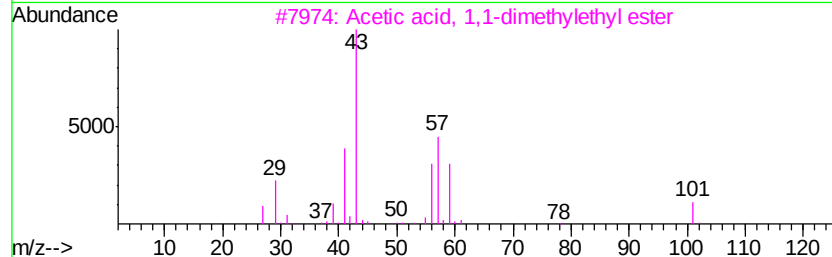
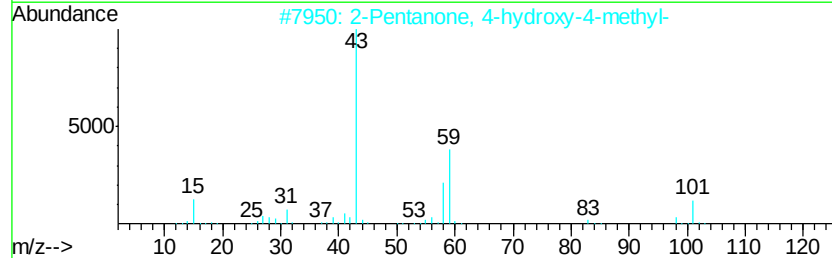
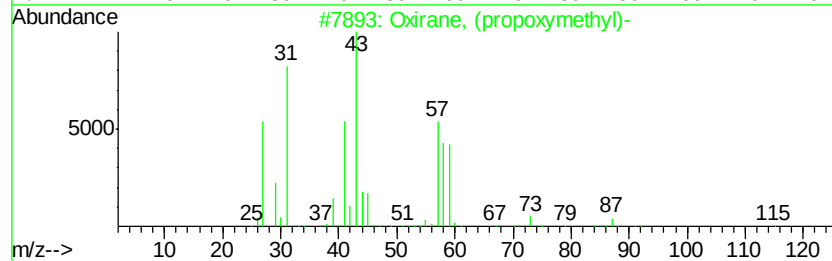
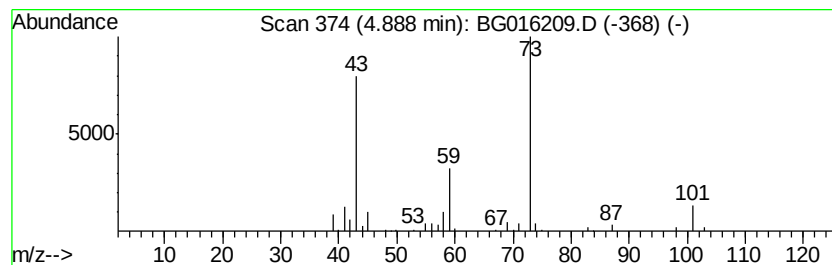
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	2.51 ng/ul	79471	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, (propoxymethyl)-	116	C6H12O2	003126-95-2	37
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25



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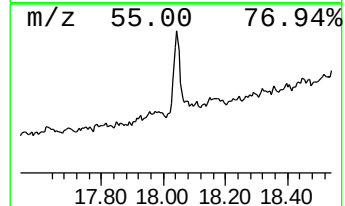
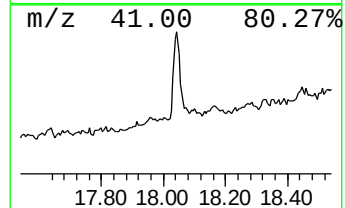
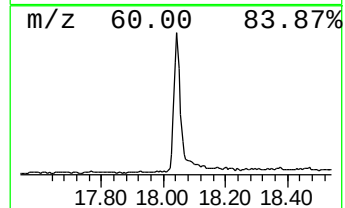
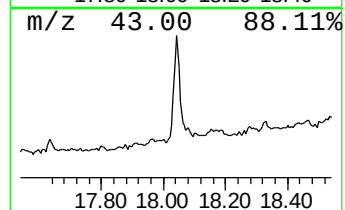
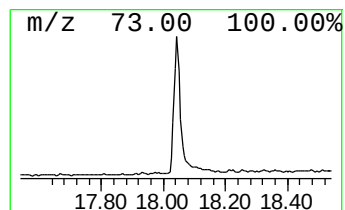
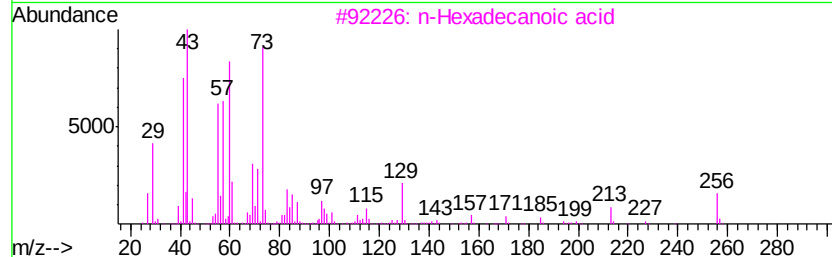
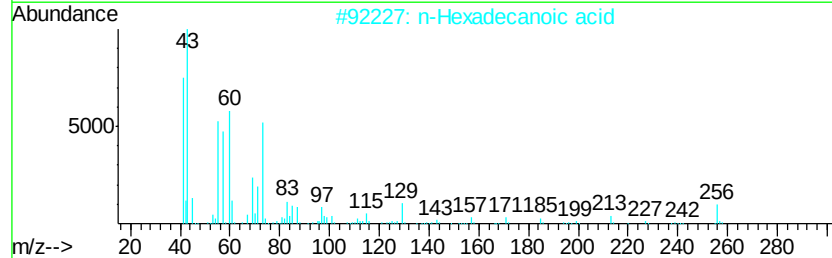
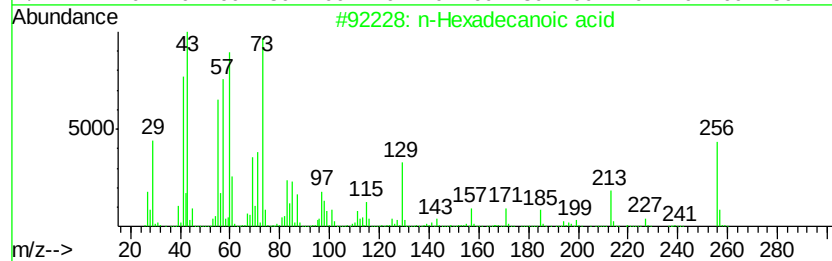
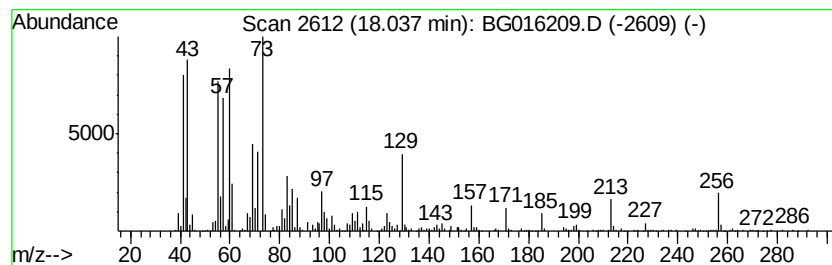
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	11.40 ng/ul	707464	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.98	44.9	ng/ul	1421670	1	7.77	632819	20.0
unknown-01	4.89	2.5	ng/ul	79471	1	7.77	632819	20.0
n-Hexadecanoic acid	18.04	11.4	ng/ul	707464	4	17.14	1241110	20.0