

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG053115\
 Data File : BG017363.D
 Acq On : 31 May 2015 15:12
 Operator : TP/IZ
 Sample : G2411-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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-BG052915.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	2.717	3	5	9	rVB3	11845	12471	1.66%	0.139%
2	2.799	15	19	24	rVB	46905	58252	7.77%	0.649%
3	3.057	60	63	71	rVB3	7629	11210	1.50%	0.125%
4	3.357	110	114	118	rBV	4394	6088	0.81%	0.068%
5	3.598	150	155	157	rVB2	1757	2556	0.34%	0.028%
6	3.633	157	161	163	rBV3	2310	2812	0.38%	0.031%
7	3.962	216	217	220	rBV2	1551	1828	0.24%	0.020%
8	4.039	228	230	236	rVB5	1140	1715	0.23%	0.019%
9	4.732	342	348	354	rBV5	2405	5362	0.72%	0.060%
10	5.725	513	517	521	rVB5	1632	2295	0.31%	0.026%
11	5.854	535	539	545	rVB4	1216	1839	0.25%	0.021%
12	6.160	588	591	593	rBV2	2613	2943	0.39%	0.033%
13	6.289	609	613	617	rVB4	1513	1956	0.26%	0.022%
14	6.841	699	707	717	rBV	151732	244166	32.57%	2.722%
15	6.976	724	730	741	rVB	104330	156308	20.85%	1.743%
16	7.176	758	764	772	rVB	149521	231780	30.91%	2.584%
17	7.253	772	777	783	rBV4	1821	3859	0.51%	0.043%
18	7.640	837	843	849	rVB	96701	149969	20.00%	1.672%
19	8.375	962	968	976	rBV	183251	290523	38.75%	3.239%
20	8.745	1025	1031	1034	rBV	4537	7616	1.02%	0.085%
21	8.804	1034	1041	1049	rVB	145896	236894	31.60%	2.641%
22	9.221	1108	1112	1118	rBV3	2587	4401	0.59%	0.049%
23	9.520	1157	1163	1169	rBV	140506	225148	30.03%	2.510%
24	9.638	1181	1183	1186	rVB2	2363	1954	0.26%	0.022%
25	10.073	1251	1257	1265	rBV	197297	309156	41.23%	3.447%
26	10.231	1280	1284	1288	rBV2	2200	4534	0.60%	0.051%
27	10.437	1311	1319	1326	rBV	138018	229321	30.59%	2.557%
28	10.578	1337	1343	1357	rBV	143551	259034	34.55%	2.888%
29	11.971	1577	1580	1583	rBV	1864	2643	0.35%	0.029%
30	12.652	1692	1696	1701	rVB5	7147	10448	1.39%	0.116%
31	12.905	1734	1739	1744	rVB3	11816	15282	2.04%	0.170%
32	13.022	1755	1759	1763	rBV	976	1609	0.21%	0.018%
33	13.716	1870	1877	1882	rBV	307915	436347	58.20%	4.865%
34	13.763	1882	1885	1892	rVB	101858	131191	17.50%	1.463%

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Integration Parameters: LSCINT.P

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35	13.998	1918	1925	1931	rVB	349557	493369	65.80%	5.500%
36	14.209	1957	1961	1964	rVB2	3103	3090	0.41%	0.034%
37	14.303	1971	1977	1984	rVB2	221396	313649	41.83%	3.497%
38	14.556	2015	2020	2036	rBV	163618	266562	35.55%	2.972%
39	14.826	2063	2066	2068	rBV	1605	1682	0.22%	0.019%
40	15.108	2109	2114	2117	rBV	2560	3019	0.40%	0.034%
41	15.161	2119	2123	2127	rBV2	7575	8606	1.15%	0.096%
42	15.302	2141	2147	2155	rVB	444107	609885	81.35%	6.799%
43	15.425	2162	2168	2177	rBV	185545	256947	34.27%	2.865%
44	15.543	2183	2188	2189	rBV2	2384	3034	0.40%	0.034%
45	15.613	2196	2200	2203	rBV2	1850	2374	0.32%	0.026%
46	15.666	2207	2209	2214	rVV2	1193	1542	0.21%	0.017%
47	15.713	2216	2217	2220	rVB	1593	1457	0.19%	0.016%
48	15.778	2226	2228	2233	rVB2	1313	1597	0.21%	0.018%
49	16.025	2265	2270	2273	rBV2	10682	14436	1.93%	0.161%
50	16.207	2297	2301	2303	rVB2	1916	1834	0.24%	0.020%
51	16.360	2324	2327	2331	rBV3	1480	2559	0.34%	0.029%
52	16.436	2336	2340	2342	rVB3	1835	2337	0.31%	0.026%
53	16.489	2346	2349	2350	rBV2	1244	1426	0.19%	0.016%
54	16.606	2366	2369	2371	rBV3	1826	1716	0.23%	0.019%
55	16.718	2385	2388	2391	rBV3	3237	3721	0.50%	0.041%
56	16.818	2401	2405	2408	rBV2	10887	13298	1.77%	0.148%
57	16.871	2412	2414	2419	rVB2	3627	4155	0.55%	0.046%
58	17.053	2440	2445	2450	rBV2	283101	397541	53.02%	4.432%
59	17.153	2456	2462	2472	rVB2	493100	673459	89.82%	7.508%
60	17.358	2492	2497	2501	rVB4	1545	2781	0.37%	0.031%
61	17.441	2507	2511	2514	rBV3	2567	3569	0.48%	0.040%
62	17.558	2526	2531	2534	rBV	9681	10701	1.43%	0.119%
63	17.670	2549	2550	2557	rVB4	3266	3181	0.42%	0.035%
64	17.840	2575	2579	2582	rBV3	2138	2958	0.39%	0.033%
65	17.899	2587	2589	2593	rBV3	2552	2161	0.29%	0.024%
66	17.958	2595	2599	2606	rBV2	42225	60870	8.12%	0.679%
67	18.251	2647	2649	2652	rVB2	2008	2564	0.34%	0.029%
68	18.387	2666	2672	2675	rVB2	4016	5138	0.69%	0.057%
69	18.445	2679	2682	2684	rVB	1597	1404	0.19%	0.016%
70	18.716	2726	2728	2731	rVV	2772	1566	0.21%	0.017%
71	18.751	2731	2734	2738	rVB2	1324	1692	0.23%	0.019%

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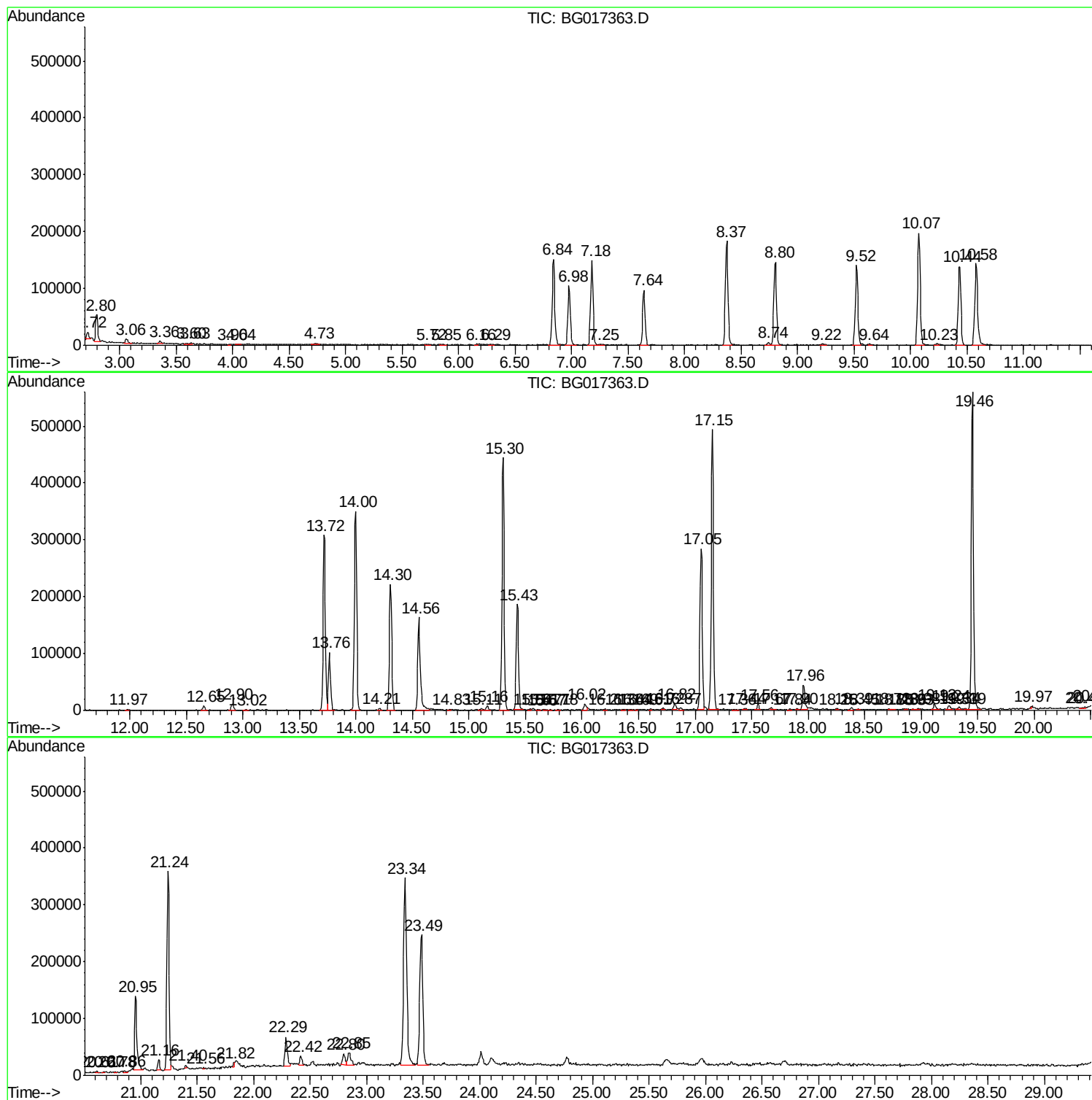
72	18.857	2751	2752	2756	rBV2	1704	2305	0.31%	0.026%
73	18.927	2762	2764	2768	rVB2	1575	1532	0.20%	0.017%
74	18.980	2769	2773	2774	rVV3	1636	1379	0.18%	0.015%
75	19.121	2791	2797	2804	rBV2	10408	16143	2.15%	0.180%
76	19.244	2814	2818	2823	rBV2	6664	9249	1.23%	0.103%
77	19.315	2828	2830	2832	rBV2	1473	1433	0.19%	0.016%
78	19.338	2832	2834	2837	rVV	4388	4438	0.59%	0.049%
79	19.385	2840	2842	2847	rVB4	2013	1810	0.24%	0.020%
80	19.456	2848	2854	2866	rBV	558067	749746	100.00%	8.359%
81	19.973	2940	2942	2943	rBV2	3150	3136	0.42%	0.035%
82	20.431	3015	3020	3021	rBV3	2345	2232	0.30%	0.025%
83	20.449	3021	3023	3024	rVV2	2404	1593	0.21%	0.018%
84	20.496	3027	3031	3034	rVB4	3836	5514	0.74%	0.061%
85	20.613	3049	3051	3054	rVB2	2823	2227	0.30%	0.025%
86	20.672	3059	3061	3063	rBV3	1956	1587	0.21%	0.018%
87	20.778	3077	3079	3081	rBV2	2238	1764	0.24%	0.020%
88	20.860	3090	3093	3097	rBV4	3337	4559	0.61%	0.051%
89	20.954	3106	3109	3120	rVB2	129214	178883	23.86%	1.994%
90	21.160	3141	3144	3147	rVB	18545	19027	2.54%	0.212%
91	21.242	3153	3158	3163	rBV	349688	451547	60.23%	5.034%
92	21.401	3183	3185	3186	rBV2	5391	3116	0.42%	0.035%
93	21.559	3210	3212	3213	rBV2	3488	1406	0.19%	0.016%
94	21.824	3255	3257	3258	rBV2	7466	6724	0.90%	0.075%
95	22.288	3332	3336	3343	rBV3	51008	75176	10.03%	0.838%
96	22.417	3355	3358	3362	rVB4	15968	20735	2.77%	0.231%
97	22.799	3419	3423	3427	rBV4	19206	31793	4.24%	0.354%
98	22.852	3427	3432	3438	rVB8	21576	45073	6.01%	0.502%
99	23.340	3508	3515	3529	rVB2	329891	648221	86.46%	7.227%
100	23.486	3533	3540	3550	rVB	229312	432107	57.63%	4.817%

Sum of corrected areas: 8969845

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Quant Title : SVOA CALIBRATION

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



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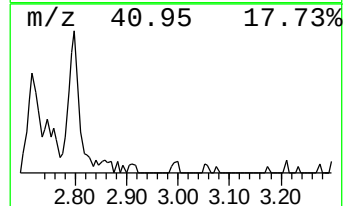
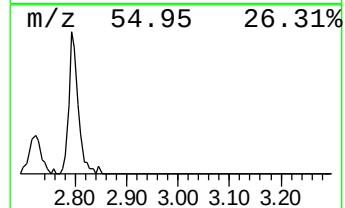
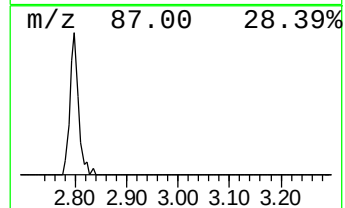
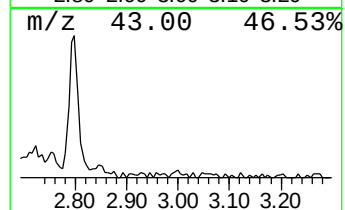
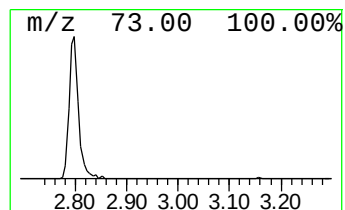
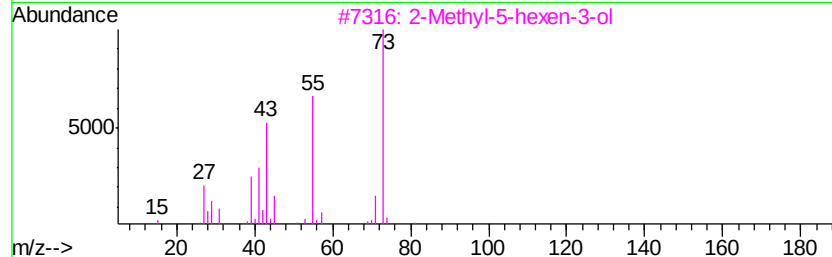
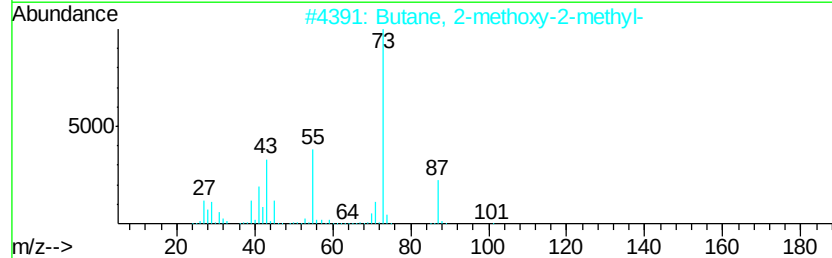
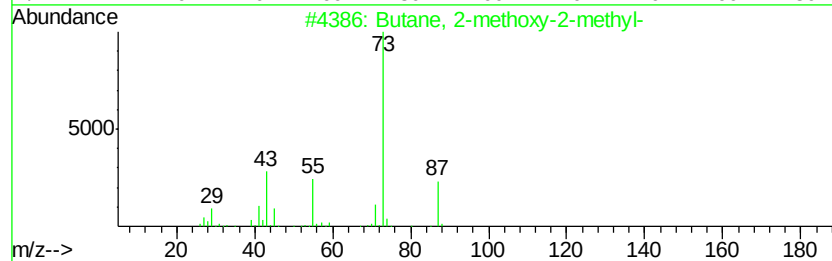
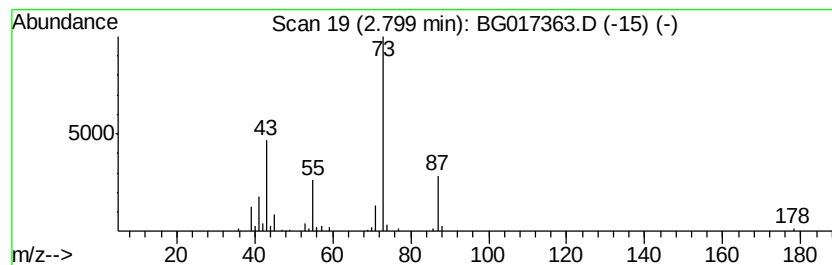
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	7.77 ng/ul	58252	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
4		Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	16
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



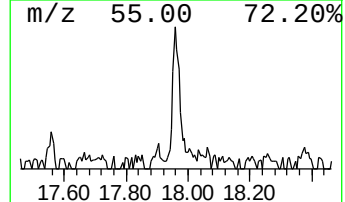
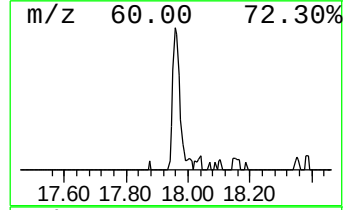
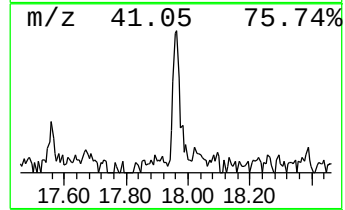
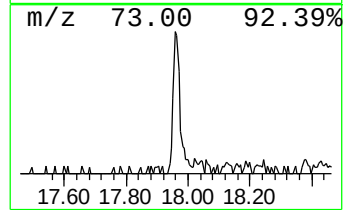
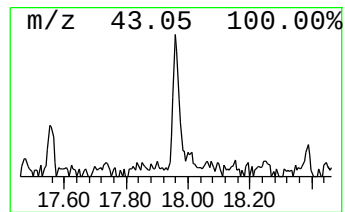
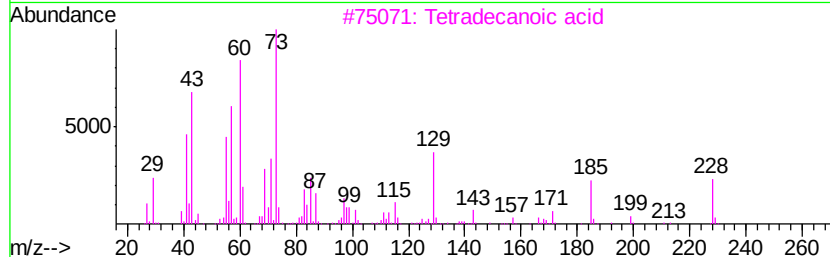
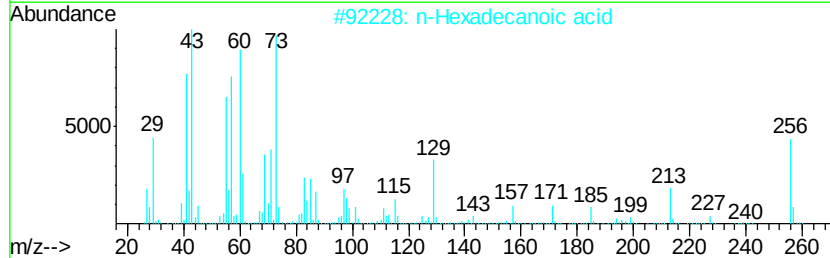
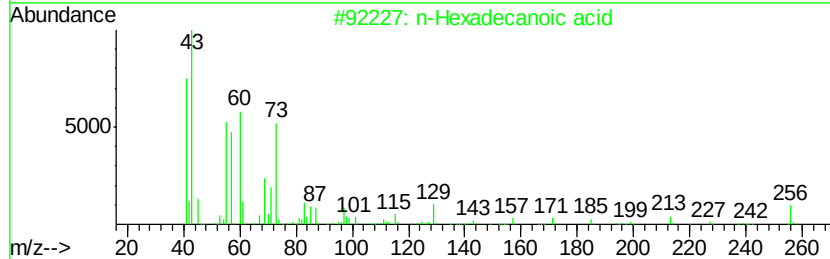
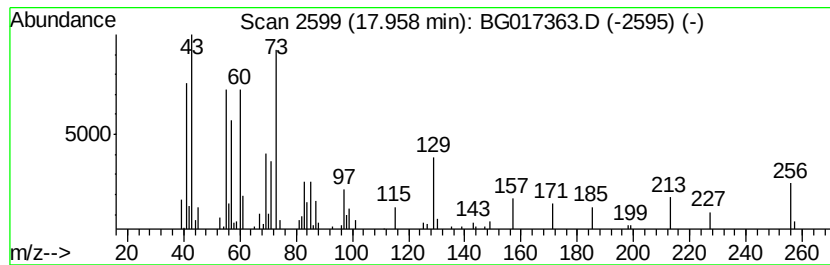
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.96	3.06 ng/ul	60870	Phenanthrene-d10	17.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50	



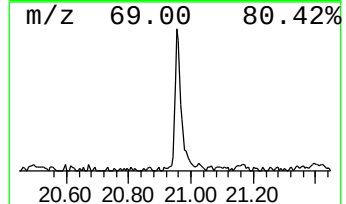
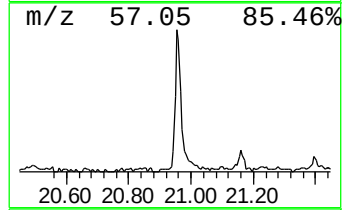
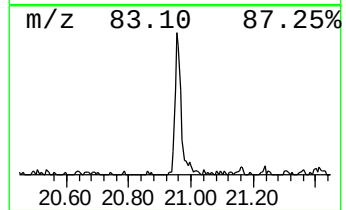
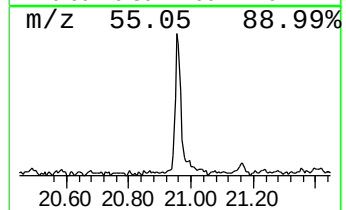
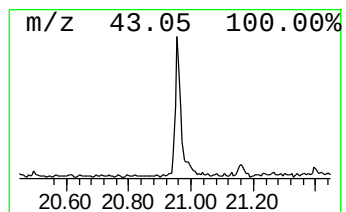
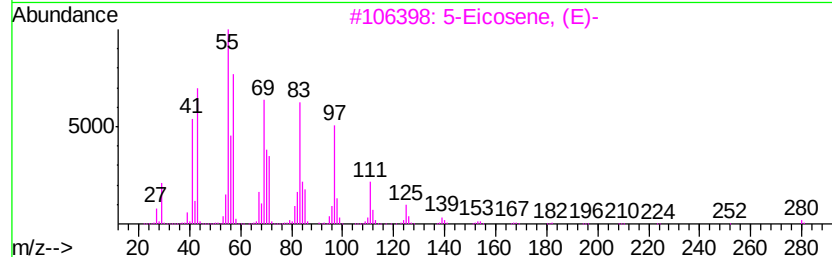
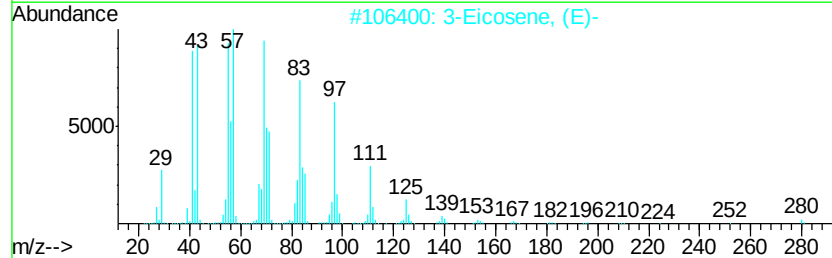
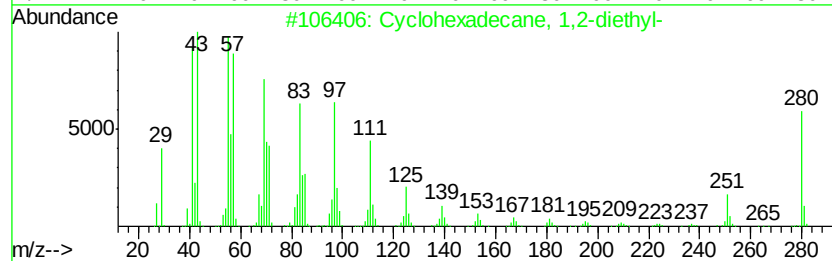
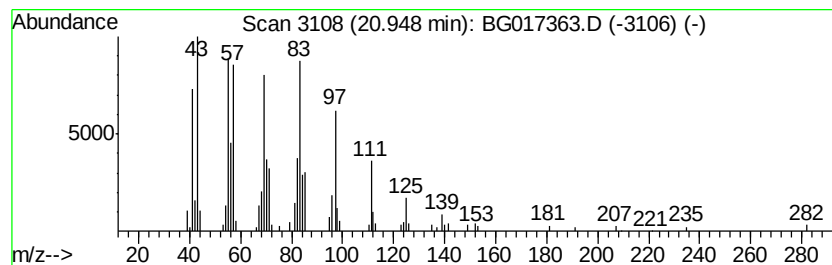
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.95	7.92 ng/ul	178883	Chrysene-d12	21.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
4	1-Eicosene	280	C20H40	003452-07-1	95
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	93



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ALS Vial : 3 Sample Multiplier: 1

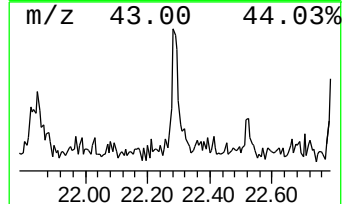
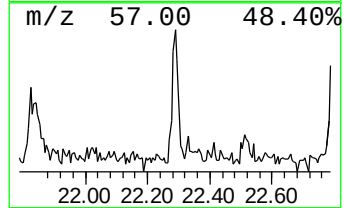
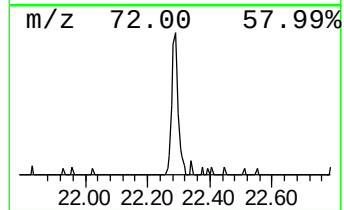
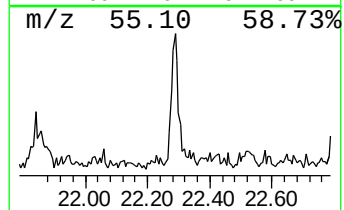
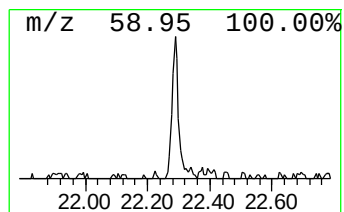
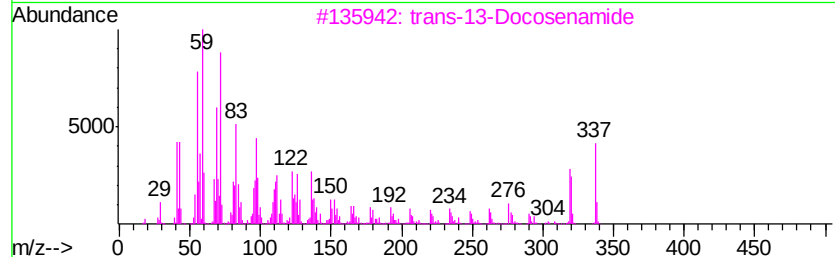
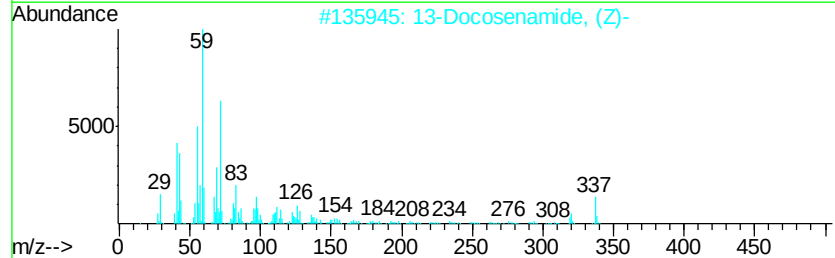
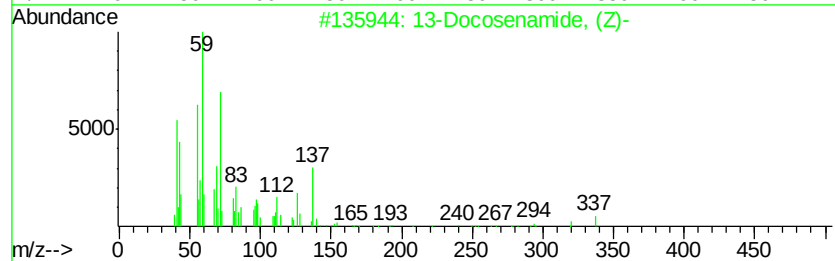
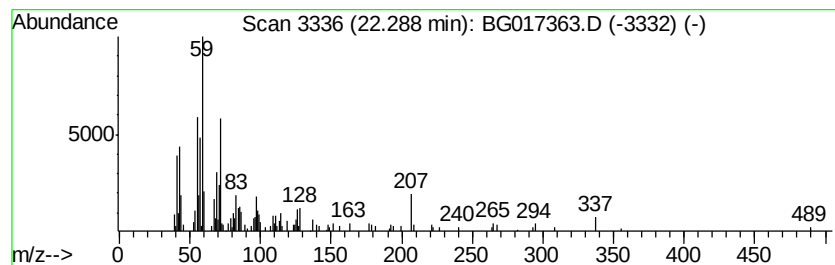
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	3.33 ng/ul	75176	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
3		trans-13-Docosenamide	337	C22H43NO	010436-09-6	68
4		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	50
5		5-Carbamoyl-pentanoic acid ethyl...	173	C8H15NO3	001190-69-8	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG053115\
Data File : BG017363.D
Acq On : 31 May 2015 15:12
Operator : TP/IZ
Sample : G2411-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

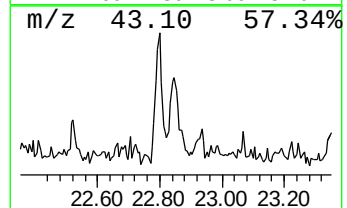
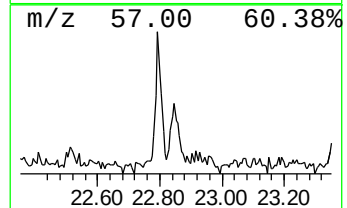
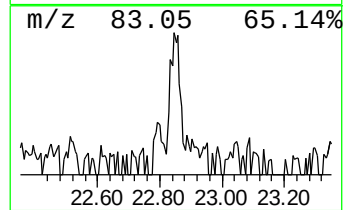
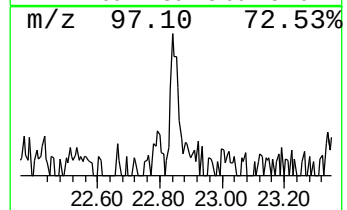
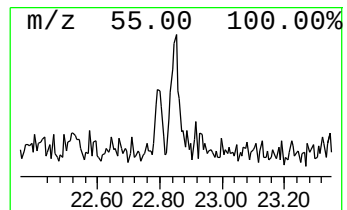
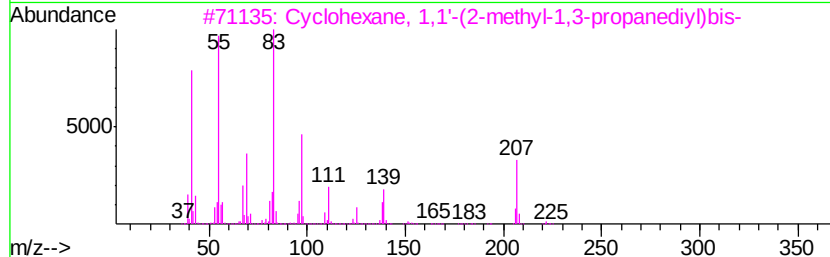
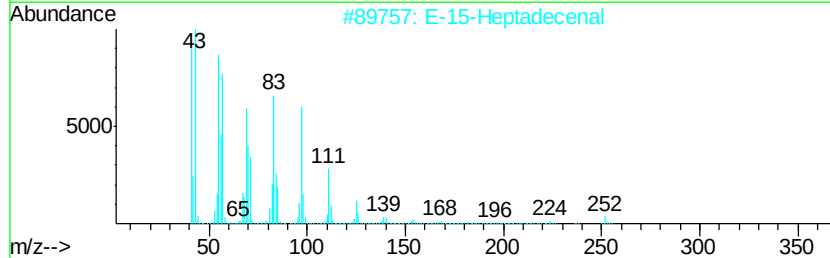
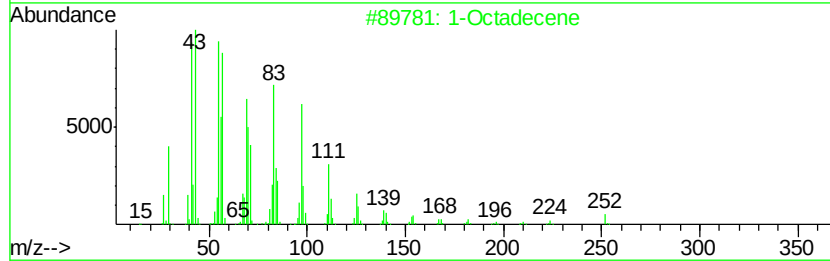
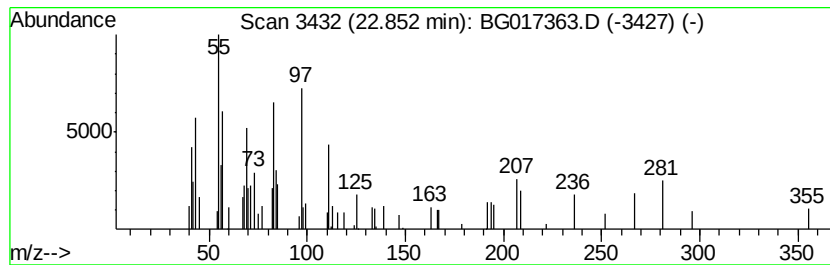
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.09 ng/ul	45073	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	35
2		E-15-Heptadecenal	252	C17H32O	1000130-97-9	27
3		Cyclohexane, 1,1'-(2-methyl-1,3-...	222	C16H30	002883-08-1	27
4		Pentatriacontane, 13-docosenylid...	659	C47H94	1000156-09-1	22
5		1,3-Dioxolane, 4-ethyl-5-octyl-2...	350	C15H24F6O2	038274-72-5	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG053115\
Data File : BG017363.D
Acq On : 31 May 2015 15:12
Operator : TP/IZ
Sample : G2411-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.80	7.8	ng/ul	58252	1	7.64	149969	20.0
n-Hexadecanoic acid	17.96	3.1	ng/ul	60870	4	17.05	397541	20.0
(DEL) Alkane: Cyc...	20.95	7.9	ng/ul	178883	5	21.24	451547	20.0
13-Docosenamide, ...	22.29	3.3	ng/ul	75176	5	21.24	451547	20.0
(DEL) Alkane: Cyc...	22.85	2.1	ng/ul	45073	6	23.48	432107	20.0