

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
 Data File : BG020827.D
 Acq On : 9 Feb 2016 21:22
 Operator : SJ/UM
 Sample : H1371-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04J1

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-BG020816.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	3.252	65	70	79	rBV	73412	135872	12.50%	2.335%
2	3.335	79	84	90	rVB	61635	89637	8.24%	1.541%
3	3.605	125	130	136	rBV2	2184	3059	0.28%	0.053%
4	3.881	171	177	185	rBV	5842	10000	0.92%	0.172%
5	5.326	417	423	427	rVB3	1752	2648	0.24%	0.046%
6	6.830	674	679	687	rBB2	3549	6691	0.62%	0.115%
7	7.405	771	777	787	rVB	43524	73601	6.77%	1.265%
8	7.582	801	807	814	rBV	39142	62149	5.72%	1.068%
9	7.799	838	844	851	rVB	44313	73311	6.74%	1.260%
10	8.275	917	925	931	rBV	70376	118021	10.85%	2.029%
11	8.968	1035	1043	1050	rVB	59146	100919	9.28%	1.735%
12	9.097	1061	1065	1071	rBB2	1875	3102	0.29%	0.053%
13	9.444	1116	1124	1131	rBV	41945	72333	6.65%	1.243%
14	9.526	1134	1138	1141	rBV3	2292	3080	0.28%	0.053%
15	9.837	1188	1191	1196	rVB3	944	1418	0.13%	0.024%
16	10.172	1241	1248	1253	rBV	30276	52861	4.86%	0.909%
17	10.707	1333	1339	1345	rBV	59650	101205	9.31%	1.740%
18	11.100	1398	1406	1414	rBV	122528	213877	19.67%	3.676%
19	11.224	1419	1427	1434	rBV	59263	104322	9.59%	1.793%
20	12.657	1668	1671	1676	rVB2	861	1394	0.13%	0.024%
21	13.697	1842	1848	1853	rBB	2342	2931	0.27%	0.050%
22	14.279	1941	1947	1952	rVV	113185	166072	15.27%	2.854%
23	14.326	1952	1955	1962	rVB	43590	59295	5.45%	1.019%
24	14.384	1962	1965	1972	rBB2	1122	1742	0.16%	0.030%
25	14.584	1992	1999	2006	rBB	148947	228960	21.06%	3.935%
26	14.760	2024	2029	2034	rVB	10294	13057	1.20%	0.224%
27	14.889	2044	2051	2059	rVB2	193957	314243	28.90%	5.401%
28	15.048	2071	2078	2088	rBV	43833	69165	6.36%	1.189%
29	15.201	2100	2104	2109	rBV2	1665	3533	0.32%	0.061%
30	15.271	2110	2116	2121	rBV	38518	55902	5.14%	0.961%
31	15.371	2128	2133	2140	rVB2	2736	5173	0.48%	0.089%
32	15.436	2142	2144	2146	rVV2	1964	2126	0.20%	0.037%
33	15.465	2146	2149	2155	rVB3	3703	5192	0.48%	0.089%
34	15.559	2160	2165	2167	rBV3	888	1134	0.10%	0.019%

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35	15.594	2167	2171	2178	rBV3	640	1327	0.12%	0.023%
36	15.659	2178	2182	2184	rBV	1539	2025	0.19%	0.035%
37	15.706	2185	2190	2194	rVB	14255	19080	1.75%	0.328%
38	15.777	2194	2202	2204	rBV3	3200	5407	0.50%	0.093%
39	15.806	2204	2207	2211	rVV4	1997	3218	0.30%	0.055%
40	15.871	2211	2218	2227	rVB	187038	282557	25.99%	4.857%
41	15.976	2227	2236	2242	rBV	26810	39418	3.63%	0.678%
42	16.111	2249	2259	2262	rBV2	5148	10948	1.01%	0.188%
43	16.141	2262	2264	2268	rVB2	1377	1469	0.14%	0.025%
44	16.205	2272	2275	2279	rVB3	2107	2754	0.25%	0.047%
45	16.252	2279	2283	2286	rBV3	2172	3069	0.28%	0.053%
46	16.323	2291	2295	2302	rVB	3006	4993	0.46%	0.086%
47	16.564	2330	2336	2345	rBV	14117	25650	2.36%	0.441%
48	16.822	2378	2380	2383	rBV4	1213	1483	0.14%	0.025%
49	16.899	2390	2393	2397	rBV4	2348	3839	0.35%	0.066%
50	16.969	2402	2405	2406	rVV2	1970	2106	0.19%	0.036%
51	16.993	2406	2409	2412	rVV2	2158	3225	0.30%	0.055%
52	17.016	2412	2413	2417	rVB3	1763	1767	0.16%	0.030%
53	17.075	2419	2423	2426	rVV3	1214	1740	0.16%	0.030%
54	17.128	2429	2432	2436	rBV2	1314	2036	0.19%	0.035%
55	17.351	2466	2470	2476	rBV2	6963	9936	0.91%	0.171%
56	17.404	2476	2479	2489	rVB3	2798	5222	0.48%	0.090%
57	17.621	2510	2516	2523	rBV2	209804	327102	30.08%	5.622%
58	17.721	2527	2533	2539	rVV2	181365	274241	25.22%	4.714%
59	17.780	2539	2543	2546	rVV2	31391	40371	3.71%	0.694%
60	17.809	2546	2548	2554	rVB2	12544	15195	1.40%	0.261%
61	17.891	2558	2562	2565	rBV4	1084	1736	0.16%	0.030%
62	17.962	2572	2574	2576	rBV	1059	1286	0.12%	0.022%
63	18.015	2580	2583	2588	rVB6	1342	1907	0.18%	0.033%
64	18.091	2593	2596	2601	rVB4	2814	3526	0.32%	0.061%
65	18.150	2601	2606	2608	rBV4	6592	8690	0.80%	0.149%
66	18.179	2608	2611	2617	rVB5	4637	6972	0.64%	0.120%
67	18.479	2658	2662	2671	rBV	30146	44735	4.11%	0.769%
68	18.543	2671	2673	2674	rVV2	2070	1877	0.17%	0.032%
69	18.561	2674	2676	2679	rVB	3625	4171	0.38%	0.072%
70	18.684	2695	2697	2700	rVB3	1381	1505	0.14%	0.026%
71	18.772	2708	2712	2714	rBV4	2153	2473	0.23%	0.043%

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72	18.837	2718	2723	2726	rBV5	1392	2142	0.20%	0.037%
73	18.902	2730	2734	2736	rBV4	1994	2352	0.22%	0.040%
74	18.931	2736	2739	2741	rBV3	917	1330	0.12%	0.023%
75	19.072	2759	2763	2765	rVV4	1574	1999	0.18%	0.034%
76	19.113	2768	2770	2772	rBV3	1346	1154	0.11%	0.020%
77	19.190	2779	2783	2787	rBV	20882	25963	2.39%	0.446%
78	19.407	2815	2820	2822	rBV5	1805	2731	0.25%	0.047%
79	19.430	2822	2824	2826	rBV3	1702	1944	0.18%	0.033%
80	19.507	2831	2837	2846	rBV6	11032	28058	2.58%	0.482%
81	19.654	2860	2862	2867	rVB	6213	7782	0.72%	0.134%
82	19.736	2873	2876	2883	rVB8	7783	10933	1.01%	0.188%
83	19.988	2913	2919	2929	rBV	209673	312145	28.71%	5.365%
84	21.516	3176	3179	3184	rVB6	11394	16813	1.55%	0.289%
85	21.774	3217	3223	3230	rBV	771518	1087330	100.00%	18.689%
86	21.909	3239	3246	3251	rBV	197086	349309	32.13%	6.004%
87	25.064	3774	3783	3793	rBV	100000	278966	25.66%	4.795%
88	25.299	3814	3823	3840	rVB2	118428	359957	33.10%	6.187%

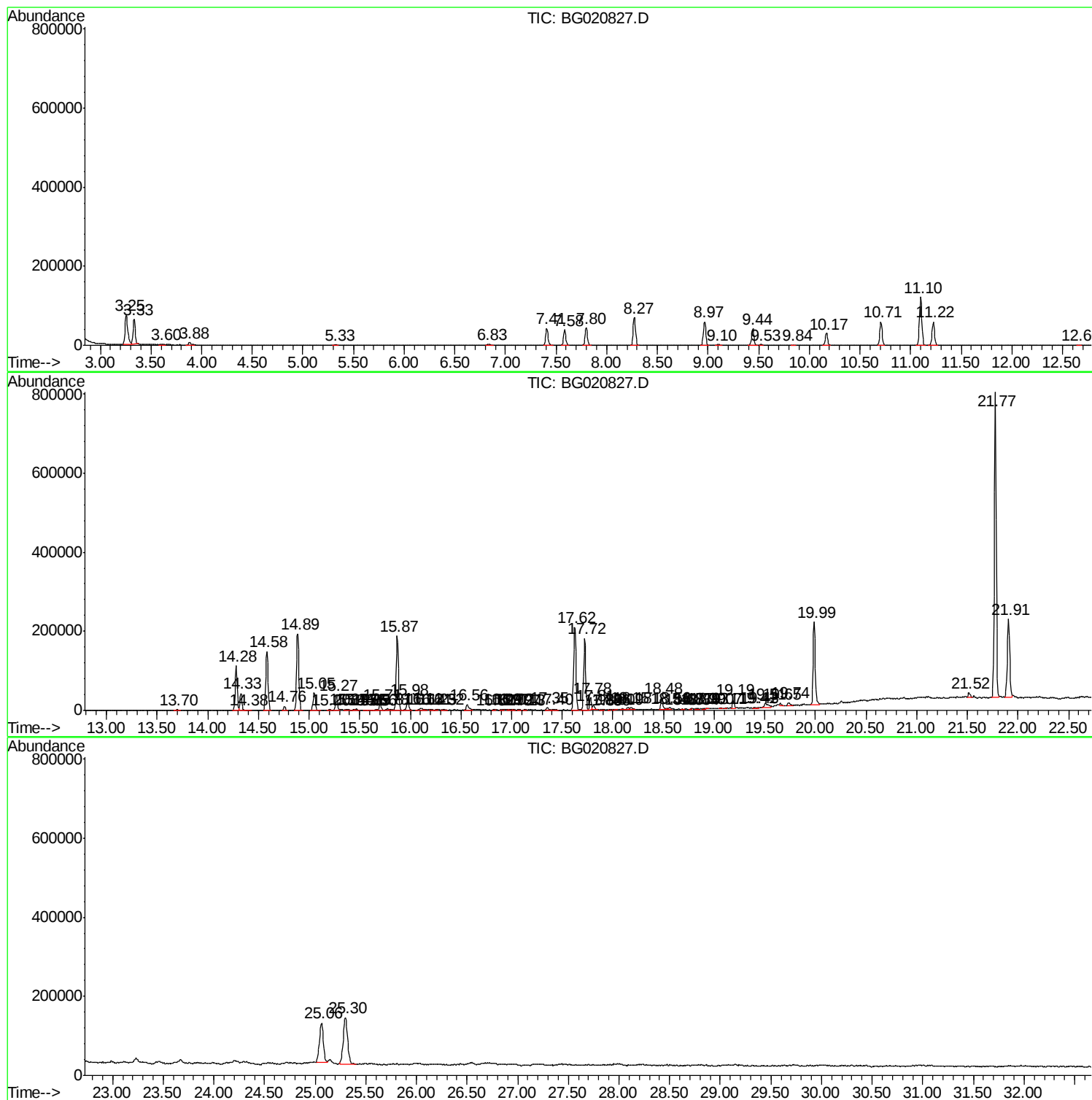
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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



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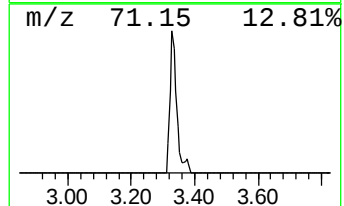
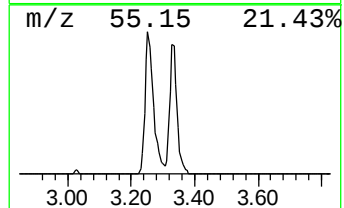
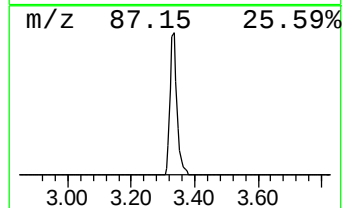
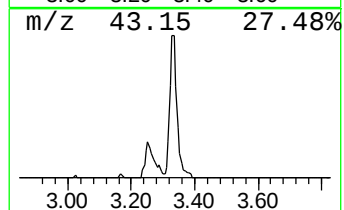
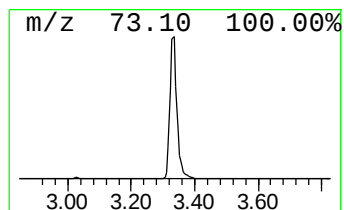
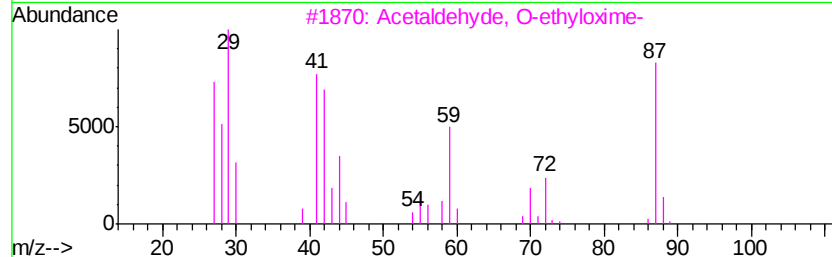
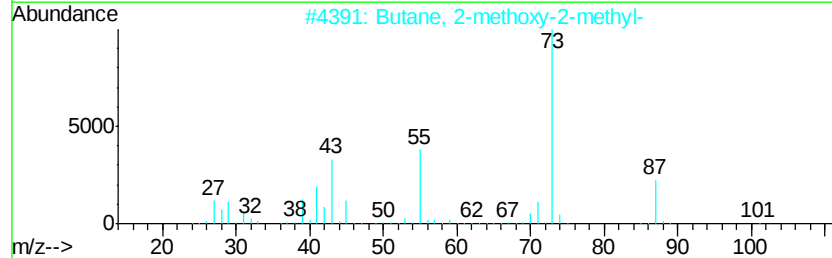
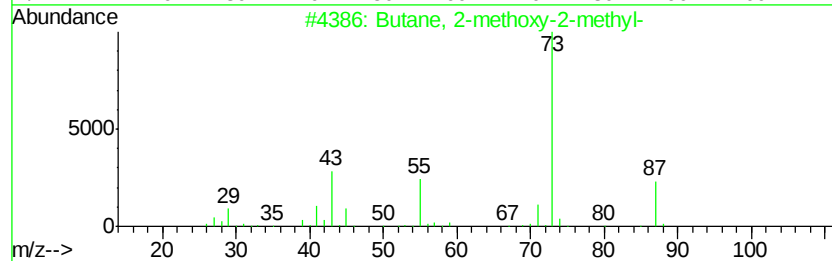
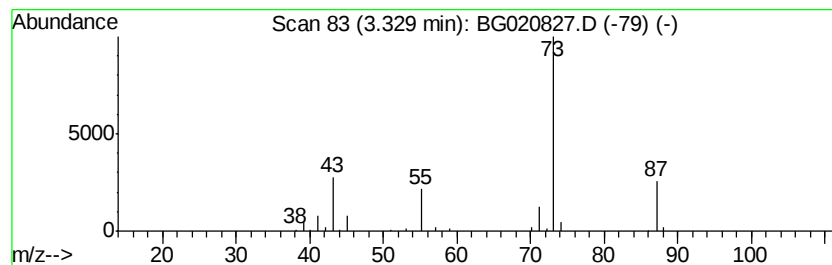
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	15.19 ng/ul	89637	1,4-Dichlorobenzene-d4	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3			Acetaldehyde, O-ethylloxime-	87	C4H9NO	1000288-34-6	9
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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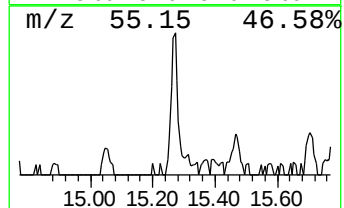
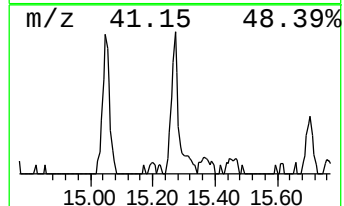
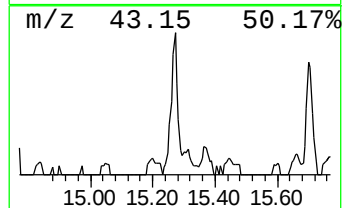
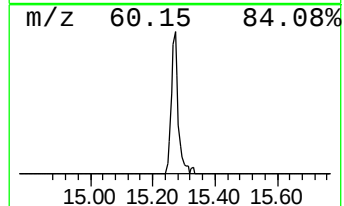
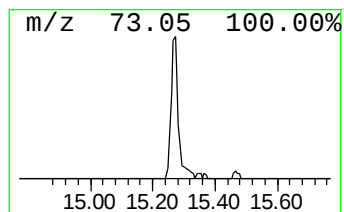
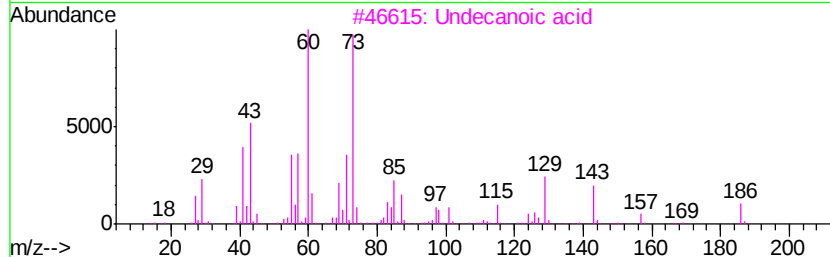
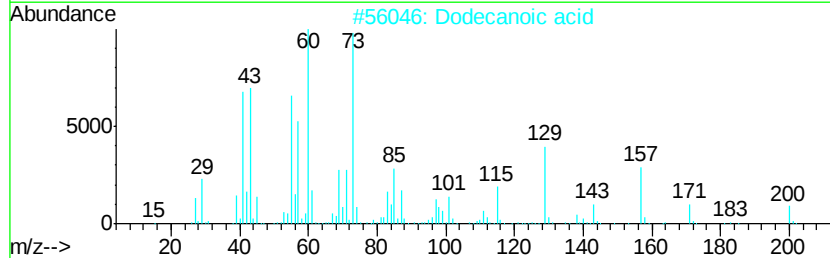
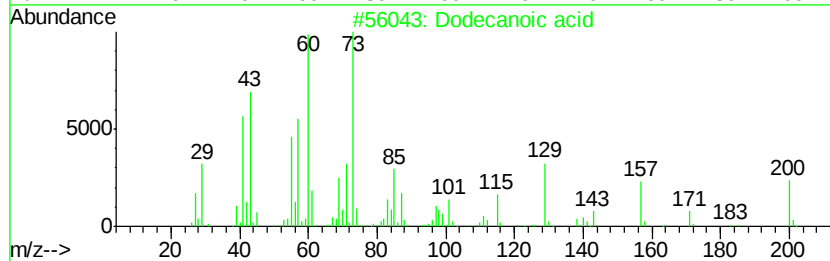
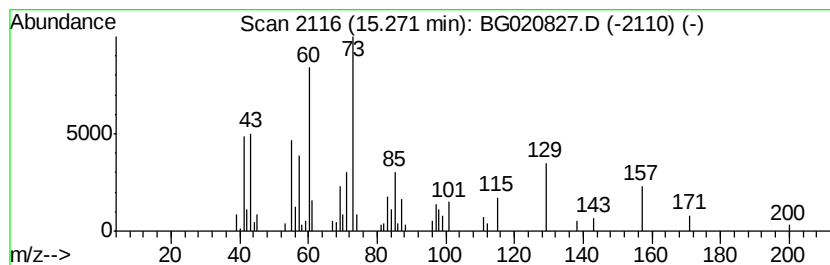
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	3.56 ng/ul	55902	Acenaphthene-d10	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	94
2			Dodecanoic acid	200	C12H24O2	000143-07-7	86
3			Undecanoic acid	186	C11H22O2	000112-37-8	72
4			Undecanoic acid	186	C11H22O2	000112-37-8	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	53



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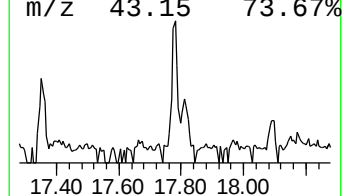
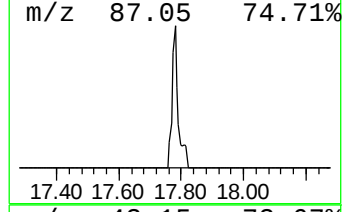
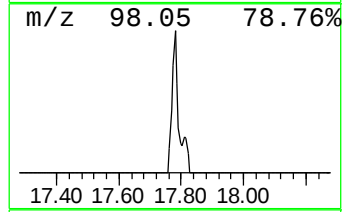
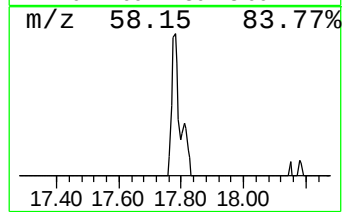
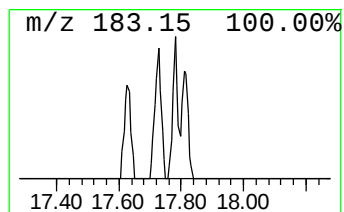
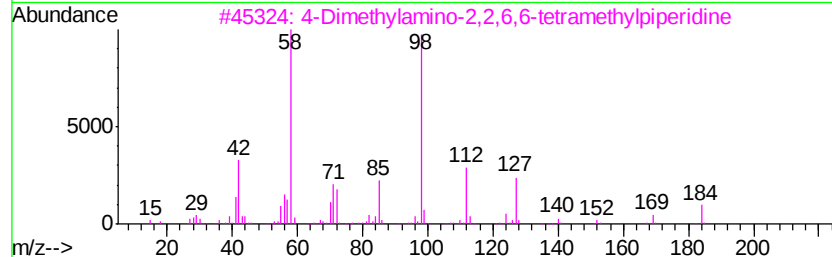
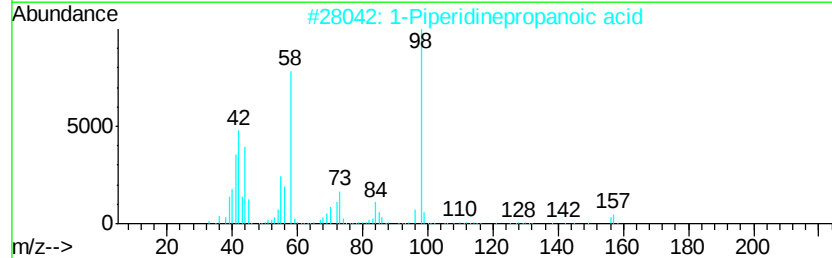
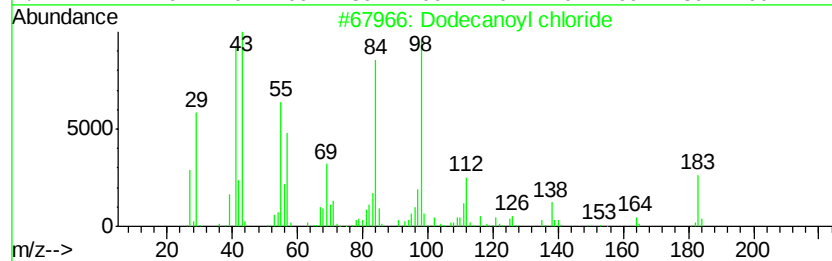
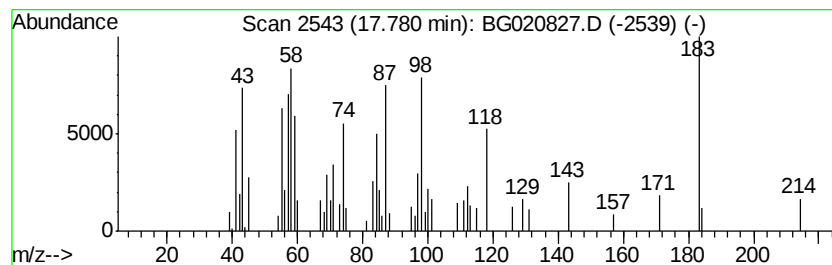
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.47 ng/ul	40371	Phenanthrene-d10	17.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	27
2		1-Piperidinepropanoic acid	157	C8H15NO2	026371-07-3	25
3		4-Dimethylamino-2,2,6,6-tetramet...	184	C11H24N2	032327-90-5	25
4		Azetidine, 2,2,3,3-tetramethyl-	113	C7H15N	022606-87-7	22
5		Cyclooctanone	126	C8H14O	000502-49-8	15



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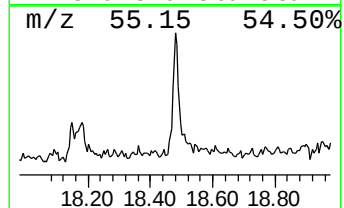
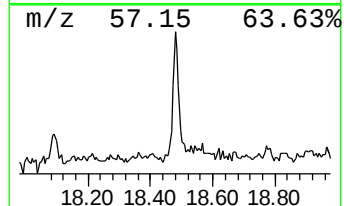
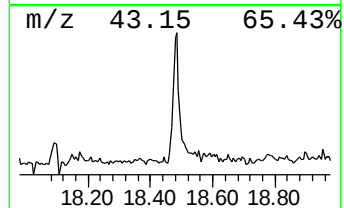
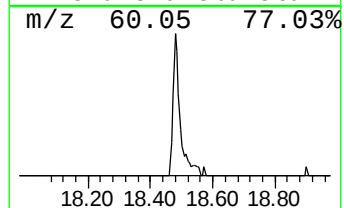
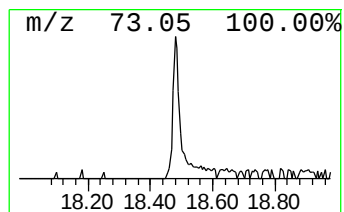
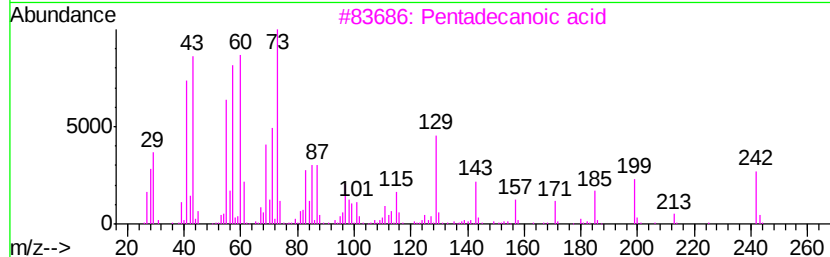
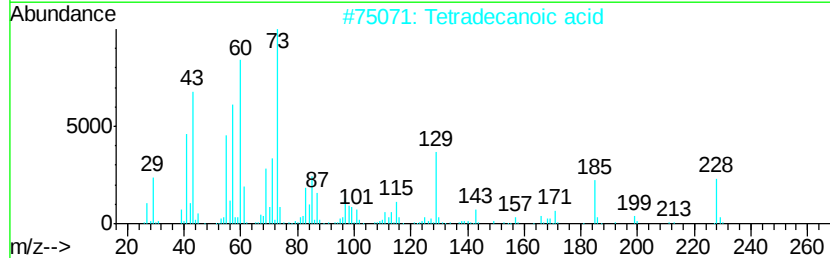
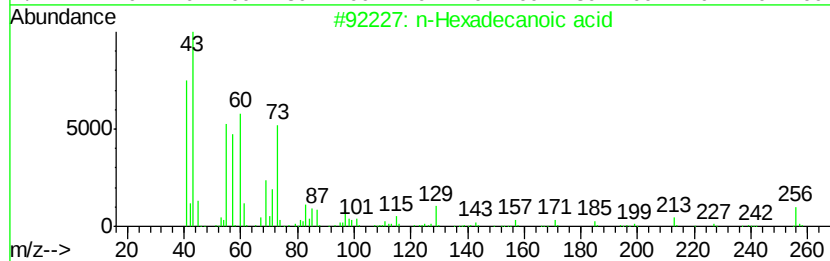
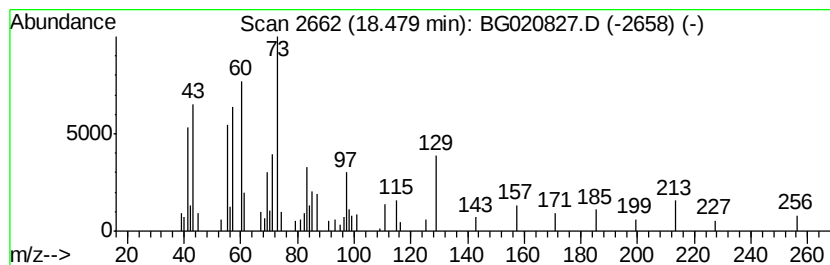
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.74 ng/ul	44735	Phenanthrene-d10	17.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020916\
Data File : BG020827.D
Acq On : 9 Feb 2016 21:22
Operator : SJ/UM
Sample : H1371-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04J1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.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...	3.33	15.2	ng/ul	89637	1	8.27	118021	20.0
Dodecanoic acid	15.27	3.6	ng/ul	55902	3	14.88	314243	20.0
unknown-01	17.78	2.5	ng/ul	40371	4	17.62	327102	20.0
n-Hexadecanoic acid	18.48	2.7	ng/ul	44735	4	17.62	327102	20.0