

Data Path : V:\HPCHEM1\BNA G\DATA\BG112015\
 Data File : BG019774.D
 Acq On : 22 Nov 2015 4:41
 Operator : UM/NP
 Sample : G4310-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KL9

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-BG111615.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	3.045	29	35	44	rBV3	23462	57147	4.23%	0.415%
2	3.127	44	49	58	rVB	100868	177150	13.10%	1.287%
3	3.409	93	97	101	rBV3	7193	10748	0.79%	0.078%
4	4.273	241	244	247	rBV2	1379	1779	0.13%	0.013%
5	5.148	388	393	399	rVB3	5844	8935	0.66%	0.065%
6	5.536	454	459	461	rBV2	1318	1517	0.11%	0.011%
7	5.894	516	520	525	rBV3	968	1765	0.13%	0.013%
8	6.153	561	564	570	rVB2	1968	2564	0.19%	0.019%
9	6.300	583	589	592	rBV3	1607	2610	0.19%	0.019%
10	6.552	629	632	635	rVB	1073	1461	0.11%	0.011%
11	7.263	747	753	765	rBV	177929	325166	24.04%	2.362%
12	7.434	772	782	790	rBV	141984	232060	17.16%	1.686%
13	7.645	810	818	827	rBV	180457	301443	22.29%	2.190%
14	8.115	892	898	905	rBV	127278	211820	15.66%	1.539%
15	8.168	905	907	911	rVB	3072	3193	0.24%	0.023%
16	8.415	946	949	954	rVB3	1496	1921	0.14%	0.014%
17	8.826	1012	1019	1027	rBV	226241	396129	29.29%	2.878%
18	9.237	1086	1089	1090	rBV	1635	1558	0.12%	0.011%
19	9.290	1090	1098	1106	rVV	181221	312685	23.12%	2.272%
20	9.414	1112	1119	1124	rBV6	3094	6393	0.47%	0.046%
21	9.678	1161	1164	1167	rBV	1542	2205	0.16%	0.016%
22	10.019	1214	1222	1229	rVB	158761	283464	20.96%	2.059%
23	10.242	1255	1260	1264	rBV4	3728	6928	0.51%	0.050%
24	10.559	1307	1314	1322	rBV	246952	431272	31.89%	3.133%
25	10.694	1332	1337	1344	rBV3	3901	6762	0.50%	0.049%
26	10.947	1373	1380	1386	rBV	165023	289168	21.38%	2.101%
27	11.076	1395	1402	1415	rVB	155476	282504	20.89%	2.052%
28	11.723	1507	1512	1521	rBV4	8639	17650	1.30%	0.128%
29	11.940	1546	1549	1551	rBV2	1837	2448	0.18%	0.018%
30	12.528	1642	1649	1656	rVB4	4326	8891	0.66%	0.065%
31	13.109	1742	1748	1754	rVB3	7988	15410	1.14%	0.112%
32	13.350	1785	1789	1794	rBV4	10019	13571	1.00%	0.099%
33	13.556	1821	1824	1831	rVB4	4660	7593	0.56%	0.055%
34	13.626	1834	1836	1838	rBV3	1953	1887	0.14%	0.014%

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35	13.667	1840	1843	1849	rVB4	5282	6745	0.50%	0.049%
36	13.926	1884	1887	1890	rBV3	1868	2314	0.17%	0.017%
37	13.967	1890	1894	1896	rVV3	1297	1787	0.13%	0.013%
38	14.073	1910	1912	1916	rBV4	1717	2603	0.19%	0.019%
39	14.149	1918	1925	1929	rVV	440753	635623	46.99%	4.618%
40	14.196	1929	1933	1939	rVB	209201	295471	21.85%	2.147%
41	14.249	1939	1942	1945	rBV2	2769	2950	0.22%	0.021%
42	14.331	1953	1956	1959	rBV3	1544	1773	0.13%	0.013%
43	14.372	1961	1963	1967	rVV3	4161	5391	0.40%	0.039%
44	14.455	1970	1977	1984	rVB	446824	718544	53.12%	5.220%
45	14.625	2000	2006	2010	rBV2	18914	24821	1.84%	0.180%
46	14.696	2014	2018	2019	rBV3	3018	3209	0.24%	0.023%
47	14.754	2019	2028	2038	rVB2	270686	440106	32.54%	3.198%
48	14.825	2038	2040	2046	rVB5	3393	4962	0.37%	0.036%
49	14.948	2052	2061	2068	rBV	204719	331421	24.50%	2.408%
50	15.066	2077	2081	2083	rBV4	3439	4846	0.36%	0.035%
51	15.089	2083	2085	2088	rVV4	4234	5244	0.39%	0.038%
52	15.183	2099	2101	2103	rVB2	2475	2054	0.15%	0.015%
53	15.236	2106	2110	2113	rBV3	6690	8063	0.60%	0.059%
54	15.313	2121	2123	2131	rVB8	3839	5210	0.39%	0.038%
55	15.407	2136	2139	2143	rBV6	3626	5253	0.39%	0.038%
56	15.524	2154	2159	2161	rBV2	5088	6691	0.49%	0.049%
57	15.571	2163	2167	2171	rVV2	29582	36154	2.67%	0.263%
58	15.630	2174	2177	2181	rVV6	3002	5543	0.41%	0.040%
59	15.741	2190	2196	2204	rVB	633759	960841	71.04%	6.981%
60	15.853	2210	2215	2226	rBV	167630	260565	19.26%	1.893%
61	15.976	2229	2236	2242	rVB7	14386	28478	2.11%	0.207%
62	16.023	2242	2244	2247	rBV4	4049	3739	0.28%	0.027%
63	16.076	2250	2253	2256	rVB5	2788	3099	0.23%	0.023%
64	16.123	2258	2261	2262	rBV2	5045	3905	0.29%	0.028%
65	16.170	2268	2269	2270	rBV	2178	1464	0.11%	0.011%
66	16.194	2270	2273	2276	rVV3	5500	6394	0.47%	0.046%
67	16.270	2284	2286	2289	rVB4	3250	1783	0.13%	0.013%
68	16.311	2291	2293	2294	rBV2	2565	1558	0.12%	0.011%
69	16.370	2300	2303	2304	rBV2	4459	4214	0.31%	0.031%
70	16.429	2309	2313	2317	rBV2	28453	40440	2.99%	0.294%
71	16.564	2332	2336	2339	rBV2	6506	7965	0.59%	0.058%

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72	16.617	2341	2345	2351	rVV8	7956	14859	1.10%	0.108%
73	16.682	2353	2356	2359	rVV4	7061	10631	0.79%	0.077%
74	16.723	2361	2363	2367	rVB4	7388	7869	0.58%	0.057%
75	16.776	2367	2372	2374	rBV6	8114	10540	0.78%	0.077%
76	16.799	2374	2376	2378	rVV3	4393	2862	0.21%	0.021%
77	16.828	2379	2381	2384	rVB3	6139	6260	0.46%	0.045%
78	16.881	2385	2390	2396	rVB7	12544	28197	2.08%	0.205%
79	16.946	2397	2401	2405	rBV2	13784	19789	1.46%	0.144%
80	17.222	2443	2448	2452	rBV4	18042	22238	1.64%	0.162%
81	17.275	2454	2457	2462	rVV7	10615	15054	1.11%	0.109%
82	17.316	2462	2464	2465	rVB2	3306	1940	0.14%	0.014%
83	17.381	2472	2475	2480	rVB7	5337	8820	0.65%	0.064%
84	17.498	2488	2495	2500	rBV	378370	573831	42.43%	4.169%
85	17.592	2505	2511	2518	rVV2	716418	1078338	79.73%	7.834%
86	17.845	2552	2554	2556	rBV3	5716	6024	0.45%	0.044%
87	17.998	2577	2580	2586	rVB7	9282	12819	0.95%	0.093%
88	18.356	2637	2641	2646	rBV2	42973	65056	4.81%	0.473%
89	18.873	2725	2729	2734	rBV6	22220	44444	3.29%	0.323%
90	19.208	2783	2786	2789	rBV4	18035	18945	1.40%	0.138%
91	19.625	2854	2857	2860	rVB5	17561	16368	1.21%	0.119%
92	19.754	2876	2879	2884	rBV4	24531	30274	2.24%	0.220%
93	19.872	2893	2899	2906	rVB	967589	1340609	99.12%	9.740%
94	21.018	3091	3094	3099	rVB2	68939	81515	6.03%	0.592%
95	21.376	3153	3155	3159	rVB4	40941	53512	3.96%	0.389%
96	21.764	3215	3221	3232	rVB	473800	795214	58.79%	5.777%
97	24.843	3737	3745	3757	rVB	491587	1352564	100.00%	9.827%
98	25.066	3776	3783	3796	rVB	282913	836414	61.84%	6.077%

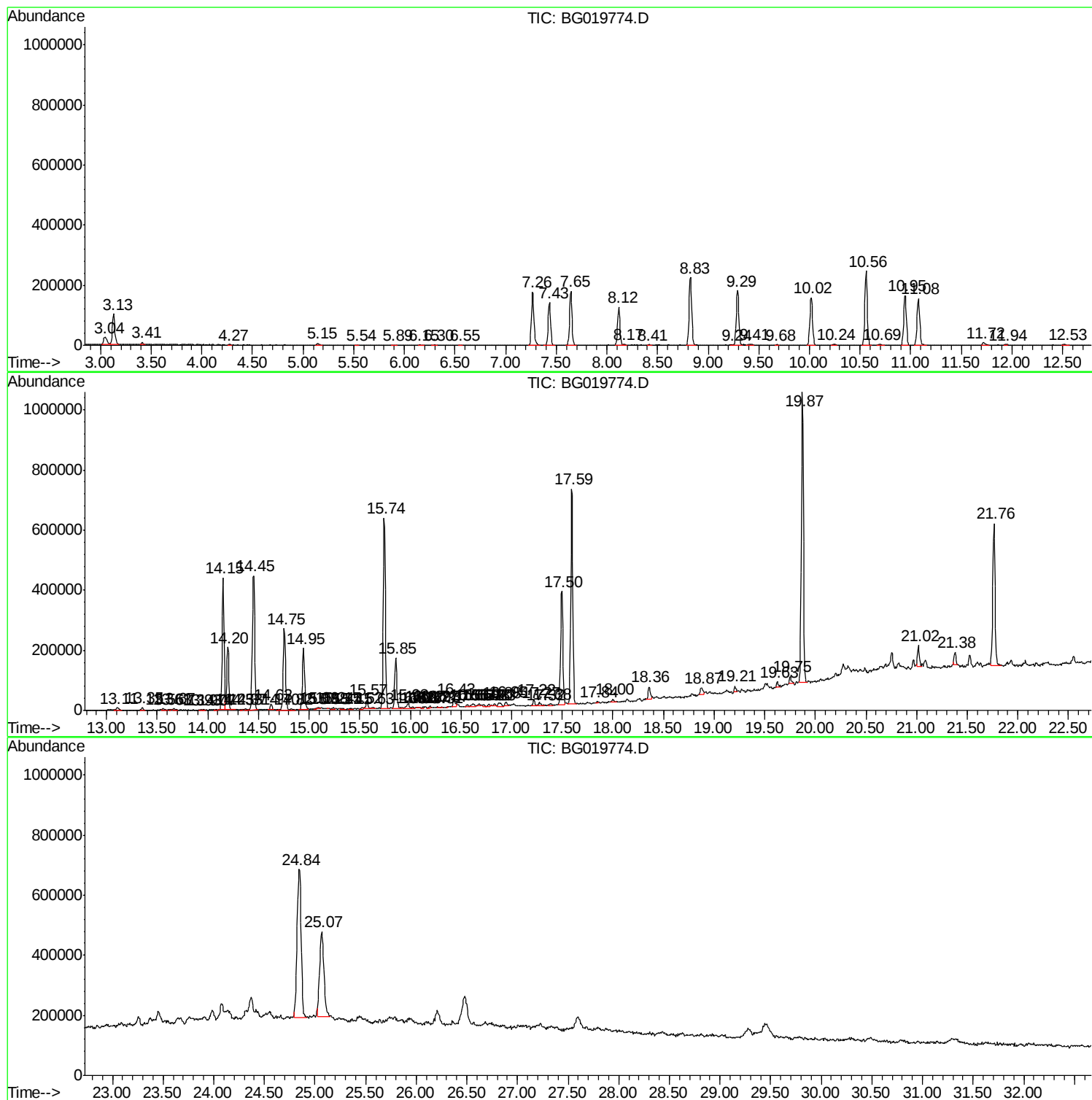
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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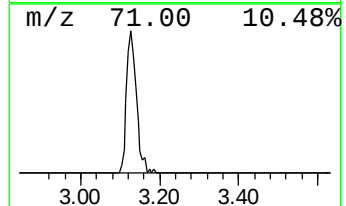
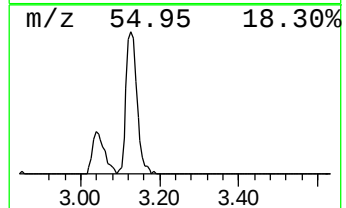
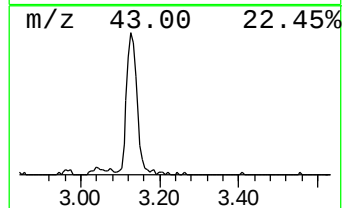
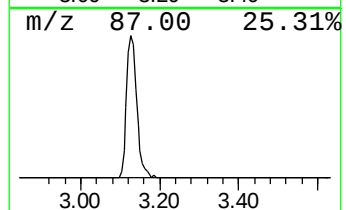
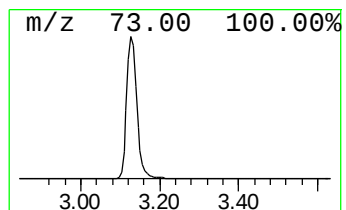
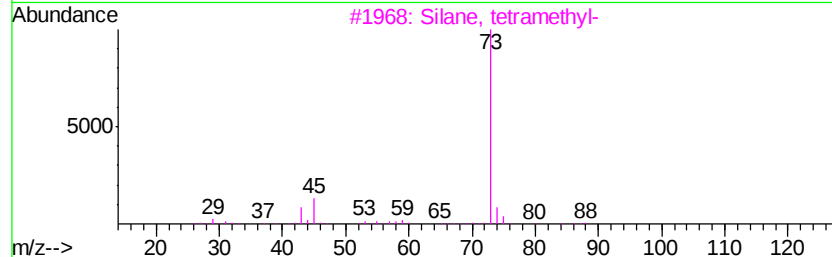
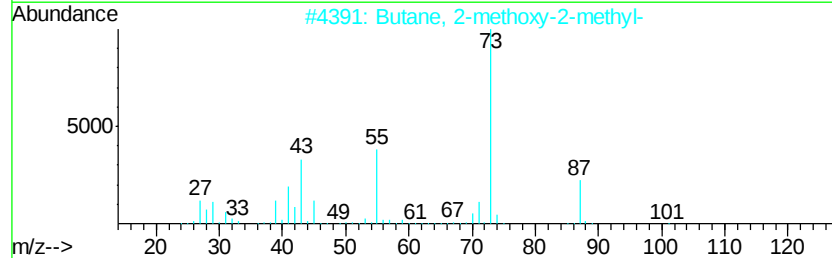
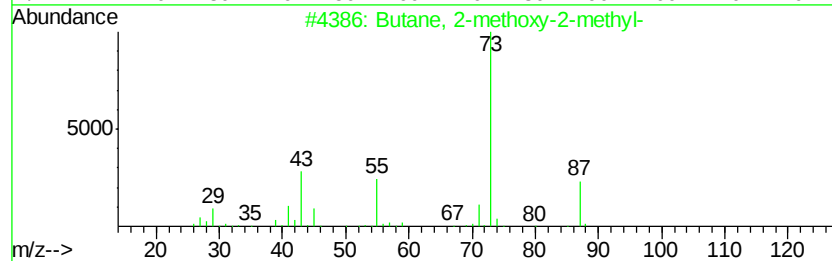
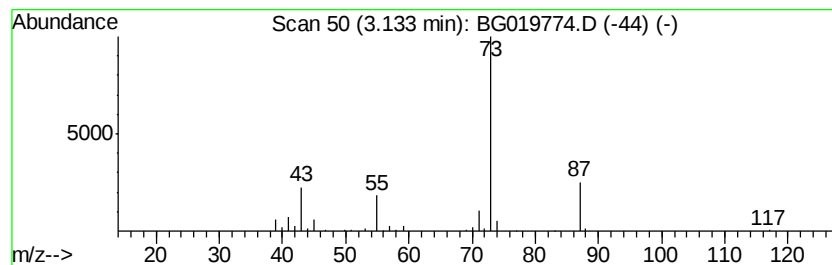
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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.
3.13	16.73 ng/ul	177150	1,4-Dichlorobenzene-d4	8.12

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	39
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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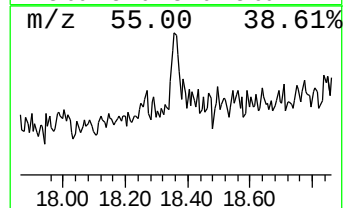
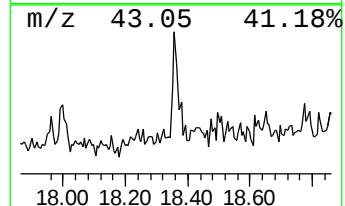
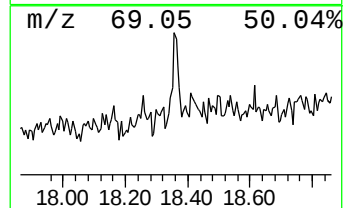
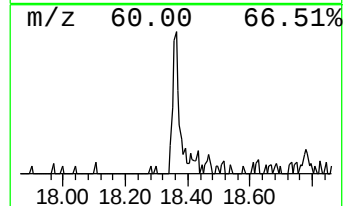
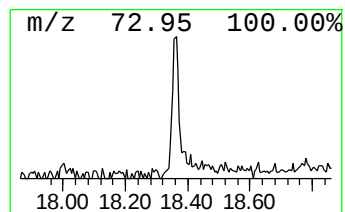
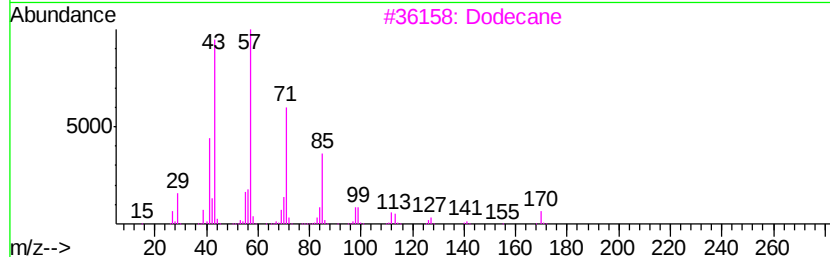
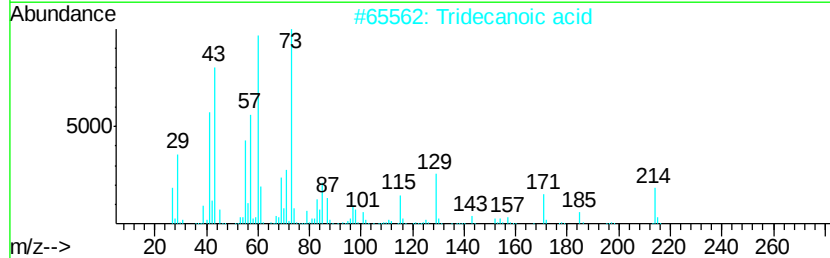
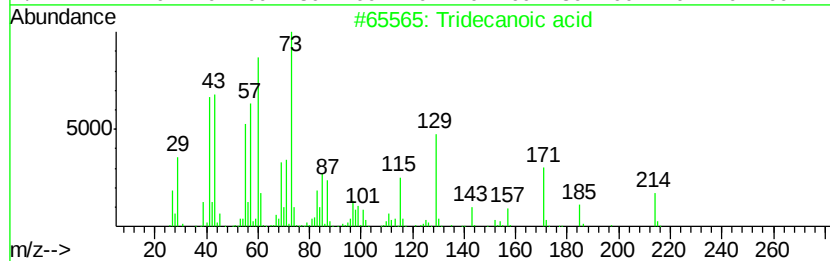
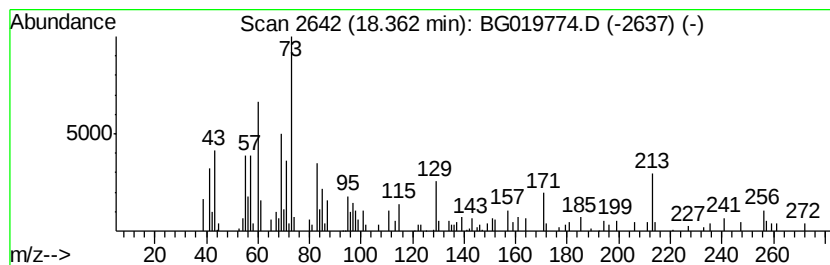
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.36	2.27 ng/ul	65056	Phenanthrene-d10		17.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	70
2			Tridecanoic acid	214	C13H26O2	000638-53-9	60
3			Dodecane	170	C12H26	000112-40-3	56
4			Undecanoic acid	186	C11H22O2	000112-37-8	50
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	49



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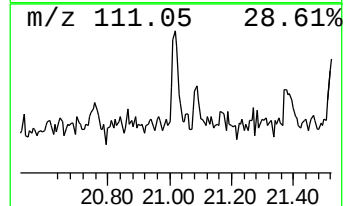
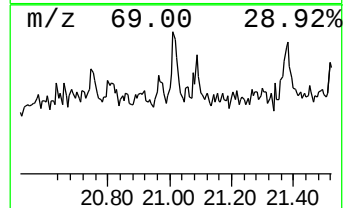
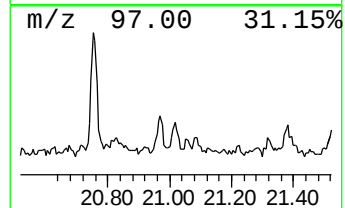
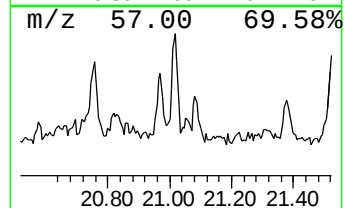
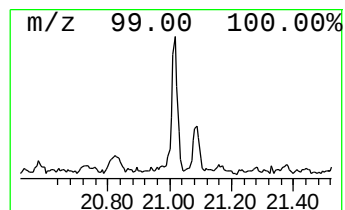
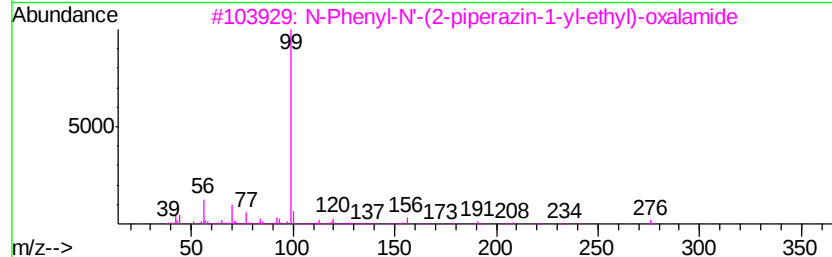
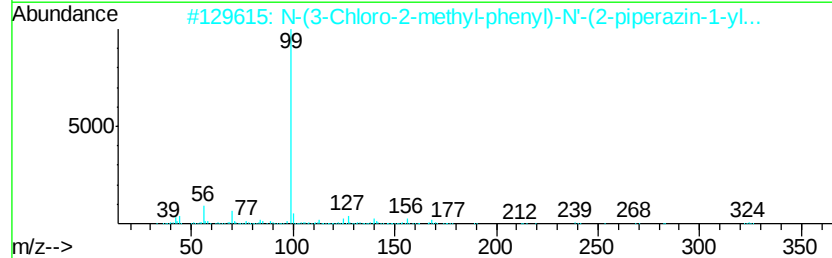
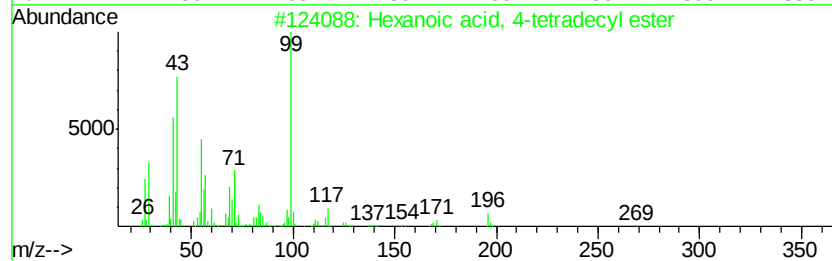
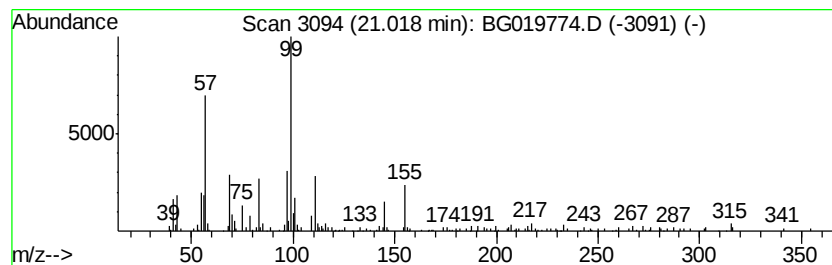
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.02	2.05 ng/ul	81515	Chrysene-d12	21.76		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-tetradecyl ester	312	C20H40O2	1000279-29-8	38	
2	N-(3-Chloro-2-methyl-phenyl)-N'-(2-piperazin-1-yl-ethyl)-oxalamide	324	C15H21ClN4O2	1000294-79-6	35	
3	N-Phenyl-N'-(2-piperazin-1-yl-ethyl)-oxalamide	276	C14H20N4O2	332404-00-9	35	
4	N-(4-Bromo-3-methyl-phenyl)-N'-(2-piperazin-1-yl-ethyl)-oxalamide	368	C15H21BrN4O2	1000294-59-4	35	
5	2-Piperidinone	99	C5H9NO	000675-20-7	35	



Data Path : V:\HPCHEM1\BNA_G\DATA\BG112015\
Data File : BG019774.D
Acq On : 22 Nov 2015 4:41
Operator : UM/NP
Sample : G4310-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KL9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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...	3.13	16.7	ng/ul	177150	1	8.12	211820	20.0
Tridecanoic acid	18.36	2.3	ng/ul	65056	4	17.50	573831	20.0
unknown-01	21.02	2.0	ng/ul	81515	5	21.76	795214	20.0