

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021415.D
 Acq On : 10 Mar 2016 19:35
 Operator : UM/SJ
 Sample : H1616-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P010-SS002-01

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-BG031016.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	3.180	54	58	67	rBV	7830	14619	5.92%	0.482%
2	3.257	67	71	77	rVB	6618	10086	4.09%	0.333%
3	3.521	109	116	120	rVB4	999	1747	0.71%	0.058%
4	4.050	203	206	208	rVB2	623	736	0.30%	0.024%
5	4.144	218	222	223	rVB	647	637	0.26%	0.021%
6	4.179	223	228	229	rBV	647	863	0.35%	0.028%
7	4.291	241	247	249	rBV2	735	1076	0.44%	0.036%
8	4.937	354	357	360	rBV	459	702	0.28%	0.023%
9	5.442	440	443	449	rBB	3816	5299	2.15%	0.175%
10	6.600	639	640	643	rVB	655	576	0.23%	0.019%
11	7.023	710	712	717	rBB	451	571	0.23%	0.019%
12	7.311	754	761	771	rBB	31017	54200	21.96%	1.789%
13	7.446	778	784	790	rBB	21408	35558	14.41%	1.173%
14	7.663	814	821	828	rBB	30241	48116	19.50%	1.588%
15	8.122	891	899	906	rBB2	42264	70550	28.59%	2.328%
16	8.692	993	996	1000	rBB2	1045	1362	0.55%	0.045%
17	8.844	1017	1022	1029	rBV	40727	71331	28.91%	2.354%
18	8.909	1029	1033	1037	rVB2	3029	4733	1.92%	0.156%
19	9.226	1082	1087	1091	rBB2	1340	1887	0.76%	0.062%
20	9.291	1092	1098	1106	rBB	32050	54912	22.25%	1.812%
21	9.391	1113	1115	1119	rBB2	884	1173	0.48%	0.039%
22	9.655	1158	1160	1165	rBV2	686	1015	0.41%	0.033%
23	9.726	1168	1172	1177	rBB3	3132	4737	1.92%	0.156%
24	10.014	1214	1221	1227	rBB2	28212	49743	20.16%	1.642%
25	10.237	1255	1259	1261	rBB	1048	1048	0.42%	0.035%
26	10.578	1311	1317	1324	rBB	42083	72065	29.20%	2.378%
27	10.930	1370	1377	1385	rBV	76385	132613	53.74%	4.376%
28	11.065	1394	1400	1409	rBV	38303	68265	27.66%	2.253%
29	11.594	1482	1490	1492	rBV	1195	2069	0.84%	0.068%
30	11.706	1507	1509	1513	rBB	539	618	0.25%	0.020%
31	11.947	1547	1550	1553	rBB2	1482	1363	0.55%	0.045%
32	12.123	1576	1580	1583	rBB	1656	2500	1.01%	0.083%
33	12.575	1653	1657	1662	rBB	1246	1502	0.61%	0.050%
34	12.793	1691	1694	1698	rBB2	1235	1790	0.73%	0.059%

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35	12.887	1706	1710	1714	rBB	497	657	0.27%	0.022%
36	13.010	1729	1731	1734	rVB	1046	913	0.37%	0.030%
37	13.092	1741	1745	1748	rBV2	2491	2935	1.19%	0.097%
38	13.339	1782	1787	1791	rVV3	2565	3590	1.45%	0.118%
39	13.445	1803	1805	1808	rBV	583	611	0.25%	0.020%
40	13.545	1816	1822	1824	rBV5	1327	1972	0.80%	0.065%
41	13.609	1829	1833	1839	rVV3	2377	3428	1.39%	0.113%
42	13.844	1868	1873	1874	rBV2	369	657	0.27%	0.022%
43	13.991	1895	1898	1900	rBV2	1109	953	0.39%	0.031%
44	14.074	1908	1912	1918	rVV	62450	104886	42.51%	3.461%
45	14.132	1918	1922	1926	rVV	92463	136403	55.28%	4.501%
46	14.179	1926	1930	1936	rVV	33532	51814	21.00%	1.710%
47	14.256	1938	1943	1946	rVB3	5762	9352	3.79%	0.309%
48	14.350	1955	1959	1964	rVB5	1067	1930	0.78%	0.064%
49	14.432	1967	1973	1984	rVB	90850	143873	58.30%	4.748%
50	14.602	1998	2002	2007	rVB3	3944	5505	2.23%	0.182%
51	14.673	2011	2014	2015	rBV3	865	855	0.35%	0.028%
52	14.732	2018	2024	2032	rBV3	138771	246761	100.00%	8.143%
53	14.790	2032	2034	2036	rVB2	1184	950	0.38%	0.031%
54	14.826	2038	2040	2045	rVB4	3057	3447	1.40%	0.114%
55	14.943	2057	2060	2061	rBV3	2164	2337	0.95%	0.077%
56	14.973	2061	2065	2067	rVV4	5455	7427	3.01%	0.245%
57	15.008	2067	2071	2081	rVV2	13804	25295	10.25%	0.835%
58	15.137	2090	2093	2100	rVB5	3638	6104	2.47%	0.201%
59	15.219	2103	2107	2112	rVB6	1269	1647	0.67%	0.054%
60	15.260	2112	2114	2115	rBV2	870	608	0.25%	0.020%
61	15.419	2137	2141	2142	rBV3	843	728	0.30%	0.024%
62	15.507	2152	2156	2158	rVV5	1793	1805	0.73%	0.060%
63	15.548	2158	2163	2168	rVB4	6553	10940	4.43%	0.361%
64	15.607	2170	2173	2174	rBV3	3301	3128	1.27%	0.103%
65	15.619	2174	2175	2179	rVV4	2408	3269	1.32%	0.108%
66	15.725	2187	2193	2199	rVB	114336	174282	70.63%	5.751%
67	15.842	2208	2213	2219	rVB3	15584	24177	9.80%	0.798%
68	15.954	2225	2232	2235	rBV6	3383	6432	2.61%	0.212%
69	16.095	2253	2256	2257	rBV2	1779	1597	0.65%	0.053%
70	16.171	2264	2269	2275	rBV7	3140	7836	3.18%	0.259%
71	16.253	2278	2283	2287	rBV	41826	53587	21.72%	1.768%

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72	16.324	2293	2295	2300	rBV6	1177	1767	0.72%	0.058%
73	16.412	2305	2310	2315	rBV3	8592	15445	6.26%	0.510%
74	16.535	2329	2331	2332	rBV2	2282	1562	0.63%	0.052%
75	16.594	2338	2341	2348	rVB5	9793	14986	6.07%	0.495%
76	16.671	2349	2354	2358	rVB5	6686	8688	3.52%	0.287%
77	16.712	2359	2361	2365	rVB4	1995	1214	0.49%	0.040%
78	16.759	2367	2369	2370	rBV2	1983	1425	0.58%	0.047%
79	16.812	2376	2378	2380	rVB2	1505	1129	0.46%	0.037%
80	16.847	2382	2384	2386	rBV3	4622	4781	1.94%	0.158%
81	16.935	2396	2399	2401	rVB3	3015	2754	1.12%	0.091%
82	16.970	2403	2405	2409	rBV5	2292	3207	1.30%	0.106%
83	17.123	2426	2431	2434	rBV	27134	38937	15.78%	1.285%
84	17.152	2434	2436	2441	rVB	17115	22088	8.95%	0.729%
85	17.317	2462	2464	2465	rBV2	1952	1202	0.49%	0.040%
86	17.405	2477	2479	2480	rBV2	2452	1253	0.51%	0.041%
87	17.475	2484	2491	2497	rBV2	150592	230230	93.30%	7.598%
88	17.575	2502	2508	2517	rVV	114272	185378	75.12%	6.117%
89	17.652	2517	2521	2527	rVB8	9730	13831	5.61%	0.456%
90	17.752	2532	2538	2539	rBV5	3362	6101	2.47%	0.201%
91	17.804	2545	2547	2549	rBV3	3521	3486	1.41%	0.115%
92	18.063	2589	2591	2593	rBV3	3676	3474	1.41%	0.115%
93	18.087	2593	2595	2596	rBV2	3811	2652	1.07%	0.088%
94	18.339	2630	2638	2642	rBV4	25292	44474	18.02%	1.468%
95	18.539	2669	2672	2675	rVB2	14093	17637	7.15%	0.582%
96	18.956	2741	2743	2748	rVB5	9980	11823	4.79%	0.390%
97	19.849	2890	2895	2899	rBV2	133466	199906	81.01%	6.597%
98	21.447	3164	3167	3172	rVB2	72876	93513	37.90%	3.086%
99	21.600	3191	3193	3200	rVB	67566	80921	32.79%	2.670%
100	21.741	3212	3217	3222	rBV	145014	243680	98.75%	8.041%

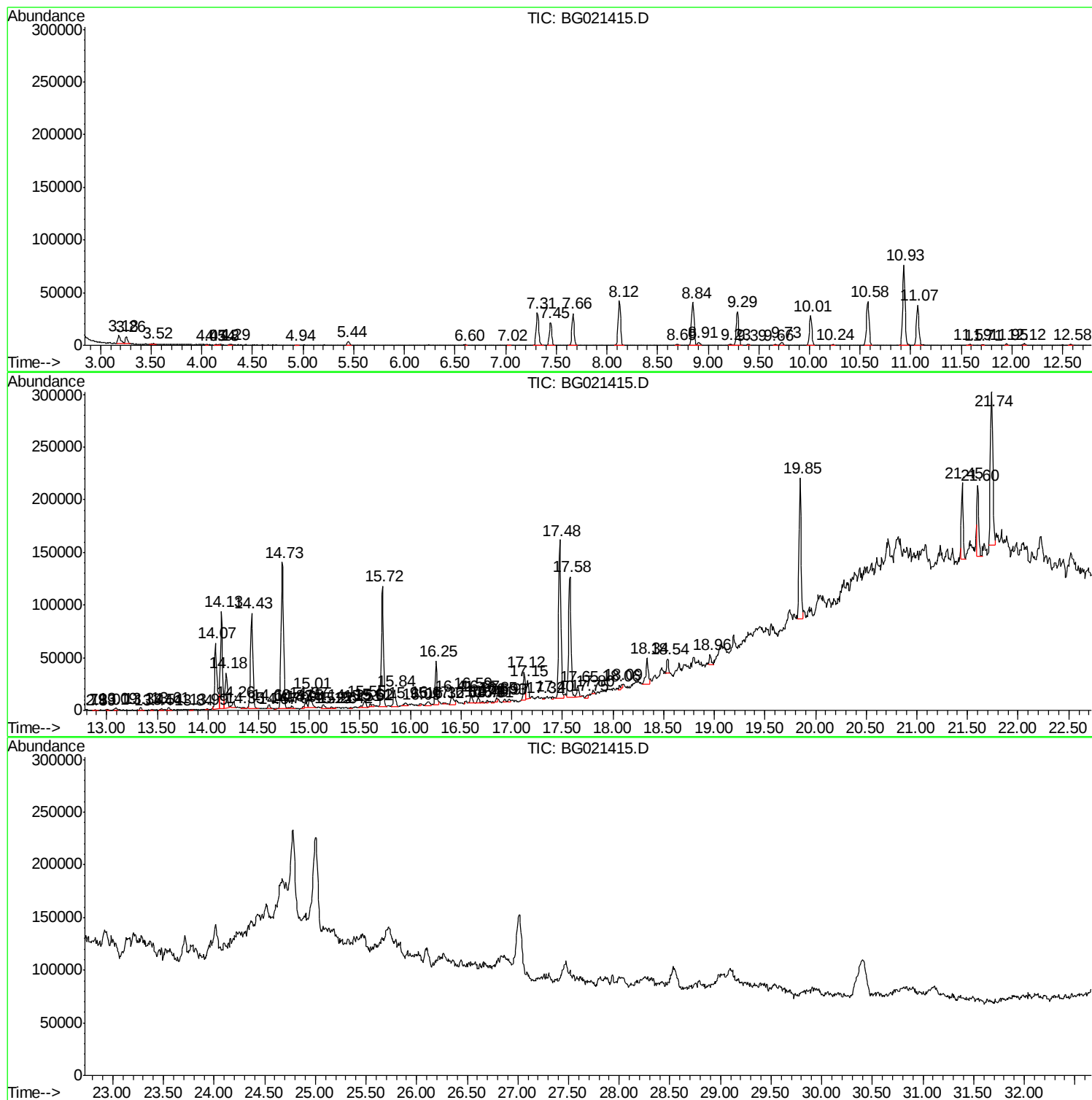
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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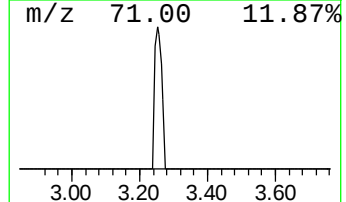
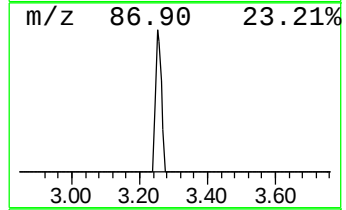
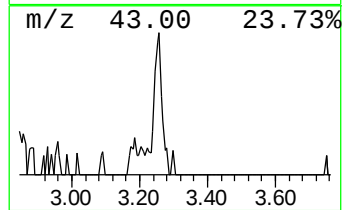
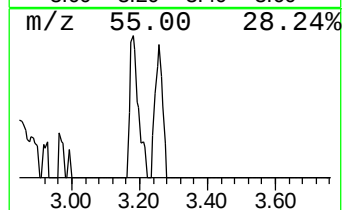
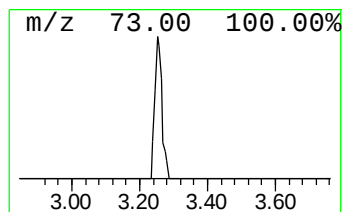
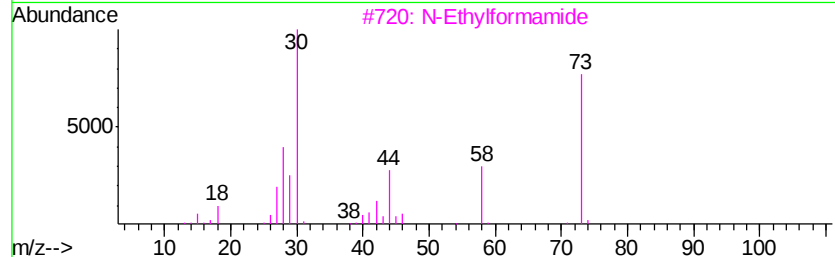
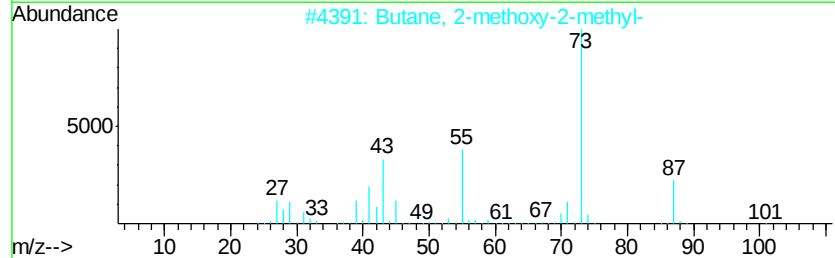
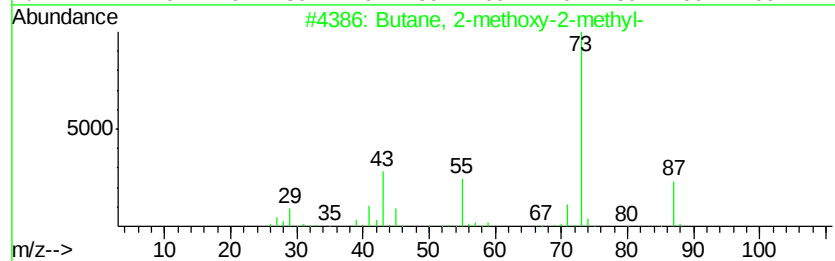
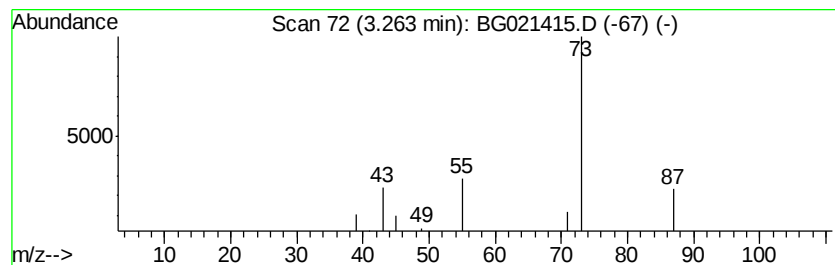
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	2.86 ng/ul	10086	1,4-Dichlorobenzene-d4	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3			N-Ethylformamide	73	C3H7NO	000627-45-2	4
4			N-Ethylformamide	73	C3H7NO	000627-45-2	4
5			1-Propene-1-thiol	74	C3H6S	000925-89-3	4



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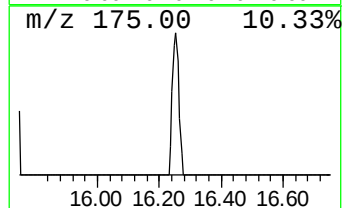
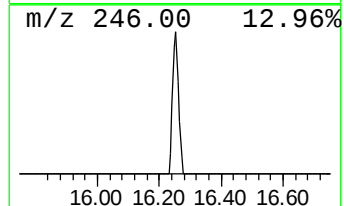
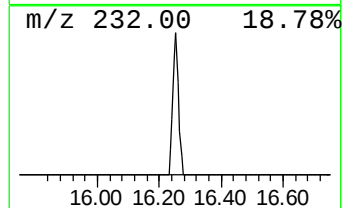
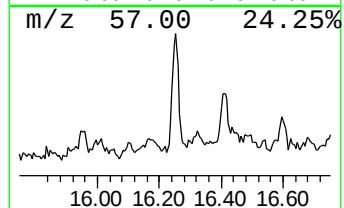
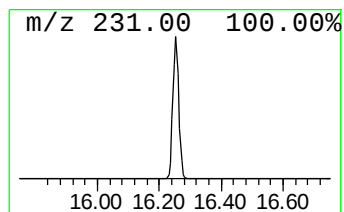
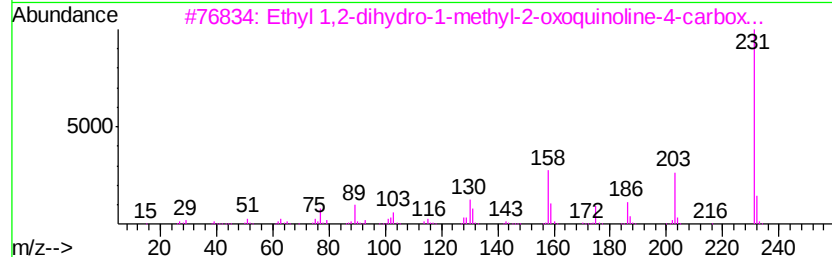
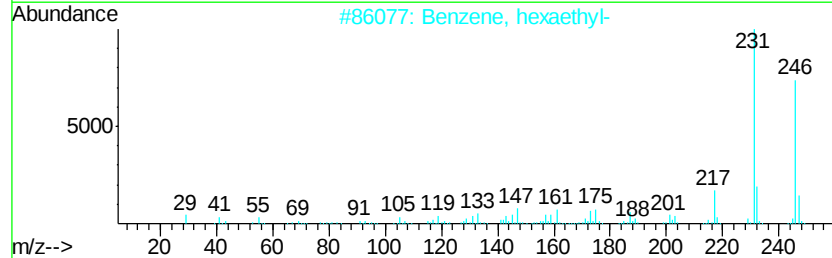
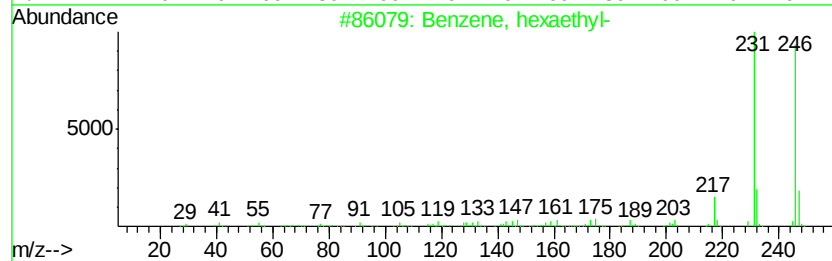
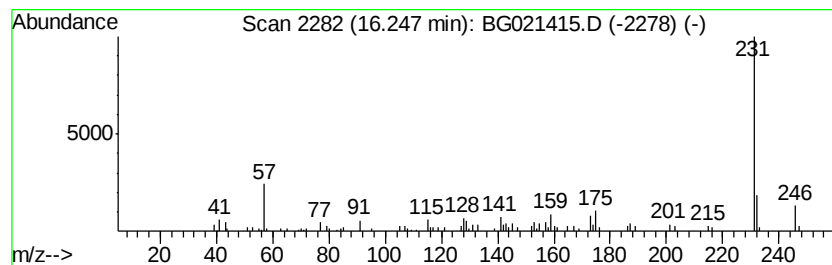
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, hexaethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	4.66 ng/ul	53587	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, hexaethyl-	246	C18H30	000604-88-6	87
2		Benzene, hexaethyl-	246	C18H30	000604-88-6	83
3		Ethyl 1,2-dihydro-1-methyl-2-oxo...	231	C13H13N03	027330-23-0	80
4		1,3-Benzenediol, 2-[3-methyl-6-(...	314	C21H30O2	013956-29-1	74
5		Benzene, 1,3,5-tri-tert-butyl-	246	C18H30	001460-02-2	72



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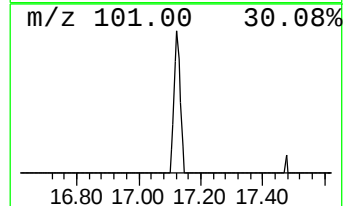
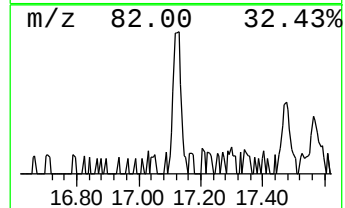
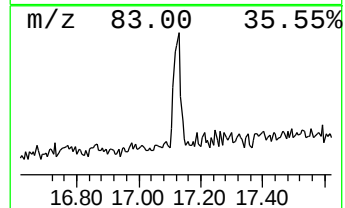
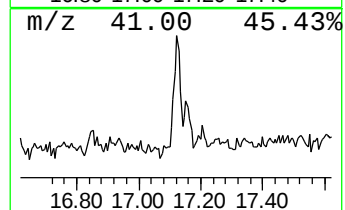
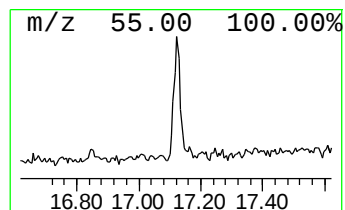
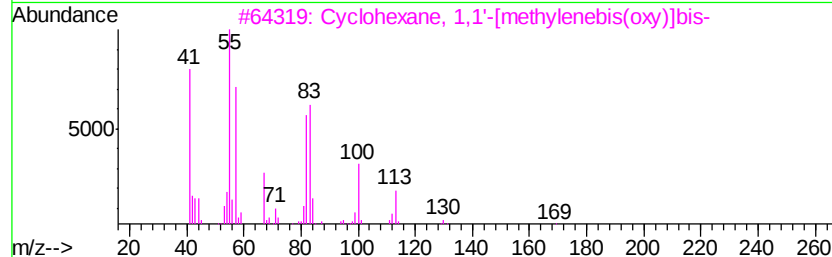
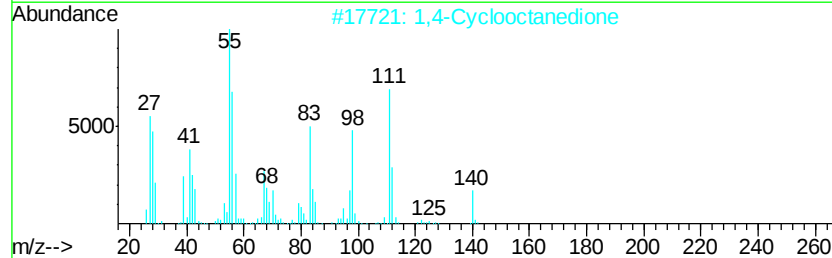
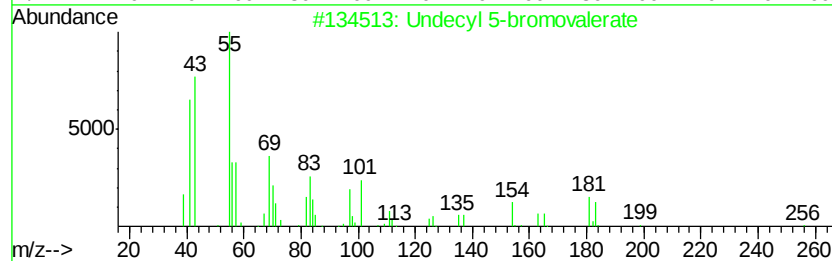
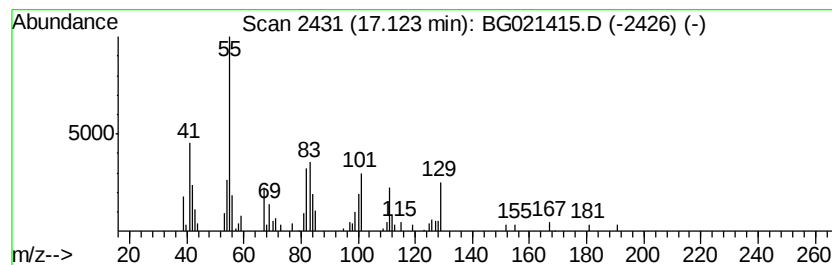
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Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	3.38 ng/ul	38937	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecyl 5-bromovaleate	334	C16H31BrO2	300381-07-1	35
2		1,4-Cyclooctanedione	140	C8H12O2	055794-45-1	35
3		Cyclohexane, 1,1'-[methylenebis(...	212	C13H24O2	001453-21-0	27
4		Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	25
5		2-Propenoic acid, 1,6-hexanediyl...	226	C12H18O4	013048-33-4	22



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021415.D
Acq On : 10 Mar 2016 19:35
Operator : UM/SJ
Sample : H1616-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P010-SS002-01

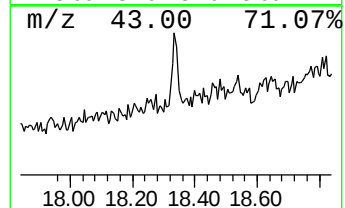
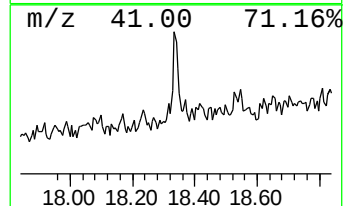
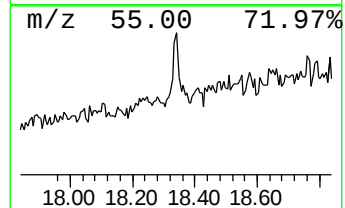
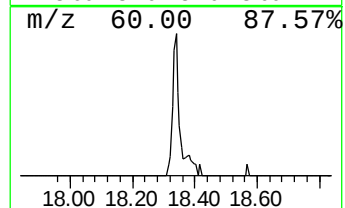
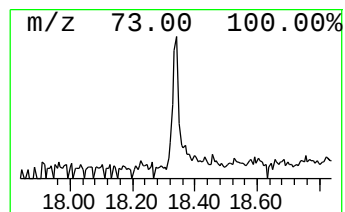
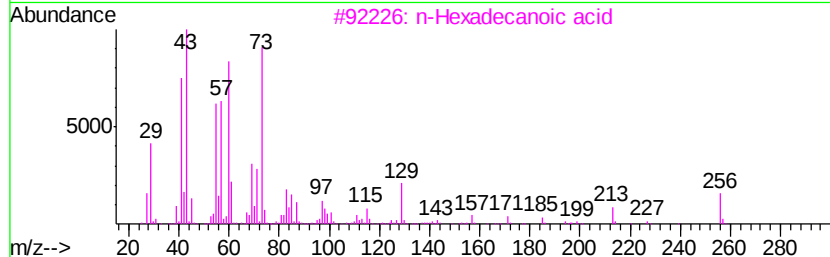
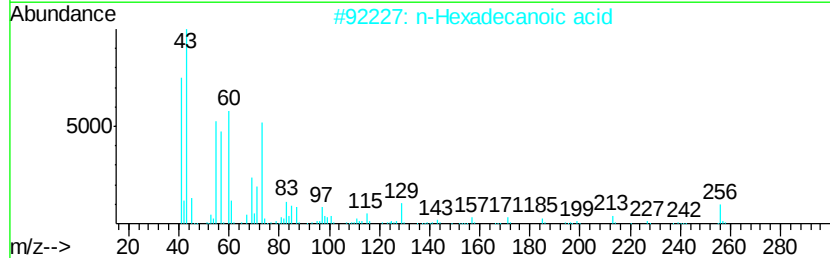
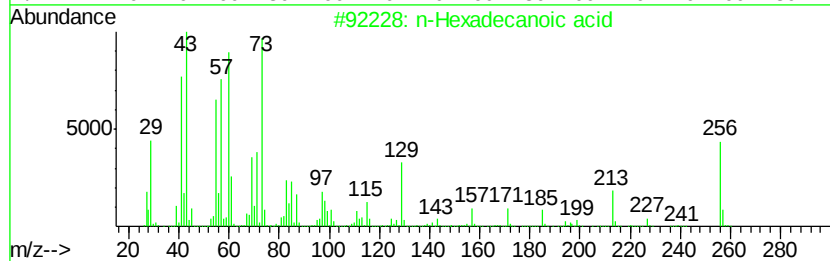
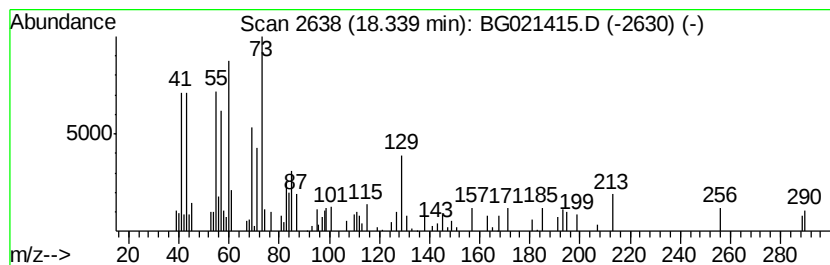
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.86 ng/ul	44474	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021415.D
Acq On : 10 Mar 2016 19:35
Operator : UM/SJ
Sample : H1616-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P010-SS002-01

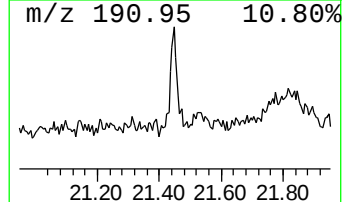
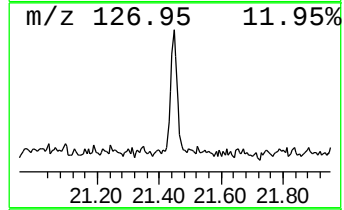
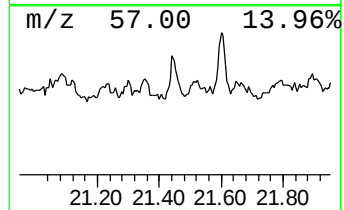
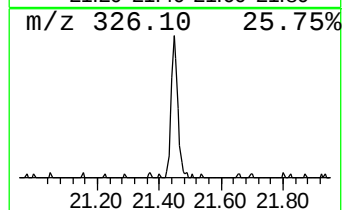
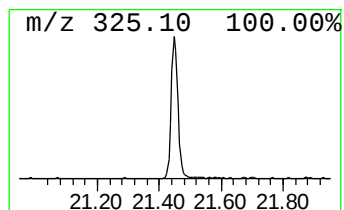
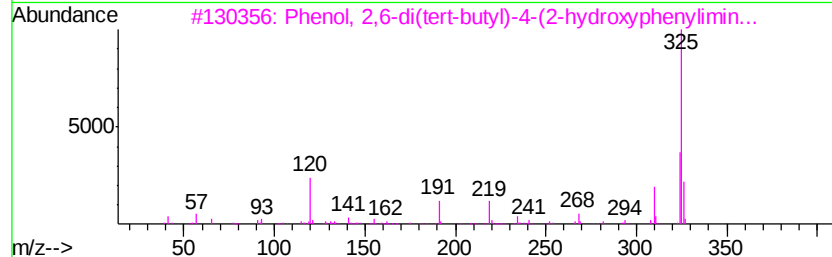
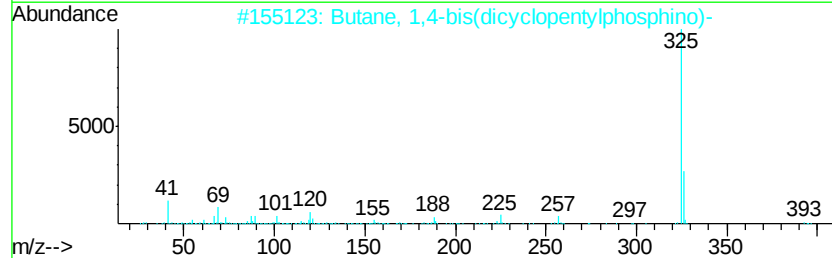
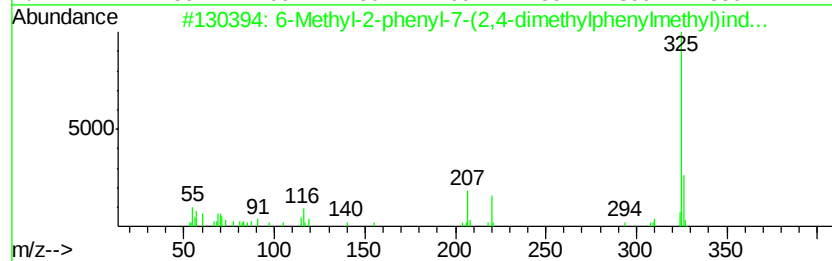
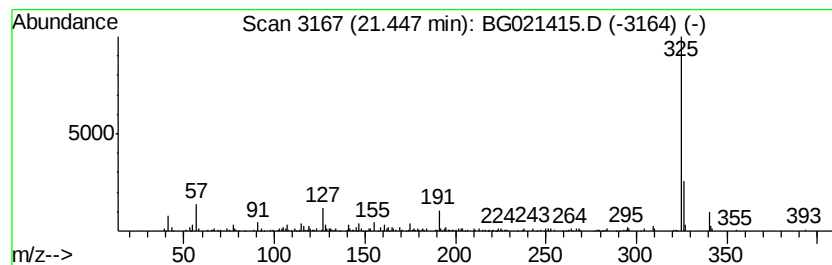
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 6-Methyl-2-phenyl-7-(2,4-di... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	7.68 ng/ul	93513	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Methyl-2-phenyl-7-(2,4-dimethy...	325	C24H23N	064002-75-1	59
2		Butane, 1,4-bis(dicyclopentylpho...	394	C24H44P2	163106-88-5	53
3		Phenol, 2,6-di(tert-butyl)-4-(2-...	325	C21H27N02	1000294-07-4	53
4		2,4,6-TRIPHENYLTHIOPYRAN	326	C23H18S	1000240-03-0	42
5		4-(4-Fluorophenyl)-2,6-diphenylp...	325	C23H16FN	001498-83-5	42



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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P010-SS002-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.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...	3.26	2.9	ng/ul	10086	1	8.12	70550	20.0
Benzene, hexaethyl-	16.25	4.7	ng/ul	53587	4	17.48	230230	20.0
unknown-01	17.12	3.4	ng/ul	38937	4	17.48	230230	20.0
n-Hexadecanoic acid	18.34	3.9	ng/ul	44474	4	17.48	230230	20.0
6-Methyl-2-phenyl...	21.45	7.7	ng/ul	93513	5	21.74	243680	20.0