

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
 Data File : BG019521.D
 Acq On : 6 Nov 2015 20:47
 Operator : UM/NP
 Sample : G4245-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY61

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-BG102815.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	3.126	43	49	58	rBV	83802	171797	9.54%	1.064%
2	3.208	58	63	72	rVB	199374	301962	16.76%	1.870%
3	3.384	88	93	94	rBV3	2047	2768	0.15%	0.017%
4	3.854	168	173	176	rBV3	4885	7121	0.40%	0.044%
5	4.277	241	245	248	rVB3	2943	4190	0.23%	0.026%
6	4.648	303	308	313	rVB4	7267	9708	0.54%	0.060%
7	5.670	476	482	483	rBV4	3974	5604	0.31%	0.035%
8	5.776	496	500	504	rVB3	2108	2850	0.16%	0.018%
9	6.193	567	571	577	rVB5	3029	6184	0.34%	0.038%
10	6.663	645	651	655	rBV4	5129	8681	0.48%	0.054%
11	7.151	725	734	739	rBV3	20002	34784	1.93%	0.215%
12	7.321	756	763	773	rVB2	40832	80183	4.45%	0.496%
13	7.491	786	792	799	rBV	146492	235566	13.07%	1.459%
14	7.703	821	828	836	rBV	144652	250482	13.90%	1.551%
15	7.973	871	874	878	rBV3	1651	2523	0.14%	0.016%
16	8.179	902	909	915	rBV2	150075	256967	14.26%	1.591%
17	8.226	915	917	925	rVB3	9528	12465	0.69%	0.077%
18	8.396	943	946	950	rBV3	3289	6087	0.34%	0.038%
19	8.731	1000	1003	1008	rBV4	4139	5509	0.31%	0.034%
20	8.790	1011	1013	1017	rVB3	2854	3320	0.18%	0.021%
21	8.884	1022	1029	1035	rBV2	121477	208297	11.56%	1.290%
22	9.001	1045	1049	1054	rVB4	4914	7752	0.43%	0.048%
23	9.283	1092	1097	1102	rBV	18894	30808	1.71%	0.191%
24	9.348	1102	1108	1118	rVB	203478	361511	20.06%	2.238%
25	9.495	1130	1133	1137	rBV4	2281	3265	0.18%	0.020%
26	9.736	1170	1174	1182	rVB5	6600	11720	0.65%	0.073%
27	10.077	1226	1232	1239	rBV	181336	325912	18.09%	2.018%
28	10.288	1262	1268	1274	rBV5	9358	16030	0.89%	0.099%
29	10.623	1317	1325	1334	rBV	255767	452128	25.09%	2.799%
30	10.770	1345	1350	1356	rVB4	4791	8367	0.46%	0.052%
31	10.905	1366	1373	1379	rVB6	9650	18212	1.01%	0.113%
32	11.011	1381	1391	1397	rBV	207208	379058	21.04%	2.347%
33	11.128	1410	1411	1417	rBV2	1852	2779	0.15%	0.017%
34	11.293	1436	1439	1441	rBV3	2297	2656	0.15%	0.016%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	11.775	1515	1521	1529	rBV5	6760	13175	0.73%	0.082%
36	12.168	1581	1588	1589	rBV3	2064	2607	0.14%	0.016%
37	12.227	1592	1598	1601	rVV4	11308	19109	1.06%	0.118%
38	12.268	1601	1605	1612	rVB4	21714	37499	2.08%	0.232%
39	12.580	1653	1658	1663	rVB2	4761	8084	0.45%	0.050%
40	12.867	1703	1707	1711	rVB3	3081	4127	0.23%	0.026%
41	13.167	1753	1758	1764	rBV3	7420	11787	0.65%	0.073%
42	13.267	1771	1775	1778	rVB3	2333	3151	0.17%	0.020%
43	13.408	1793	1799	1804	rBV2	12151	18319	1.02%	0.113%
44	13.719	1845	1852	1858	rVB	86341	136397	7.57%	0.845%
45	14.201	1928	1934	1942	rVB	550172	784693	43.55%	4.859%
46	14.260	1942	1944	1948	rVB2	2546	2616	0.15%	0.016%
47	14.330	1951	1956	1957	rBV4	3601	3958	0.22%	0.025%
48	14.389	1962	1966	1971	rBV2	2238	3559	0.20%	0.022%
49	14.454	1971	1977	1979	rVV	1749	3021	0.17%	0.019%
50	14.507	1979	1986	1994	rVB	547863	835762	46.39%	5.175%
51	14.812	2028	2038	2045	rVB2	377008	632642	35.11%	3.917%
52	14.871	2045	2048	2054	rBV3	15890	22906	1.27%	0.142%
53	14.988	2063	2068	2080	rBV2	52914	90242	5.01%	0.559%
54	15.376	2130	2134	2137	rVB2	2794	3312	0.18%	0.021%
55	15.470	2143	2150	2159	rVB	18730	32901	1.83%	0.204%
56	15.576	2165	2168	2171	rBV2	4426	7072	0.39%	0.044%
57	15.600	2171	2172	2179	rVB3	6503	6007	0.33%	0.037%
58	15.746	2193	2197	2198	rBV2	3286	4002	0.22%	0.025%
59	15.799	2199	2206	2213	rVB	734912	1161915	64.49%	7.194%
60	15.905	2217	2224	2232	rBV	324565	475836	26.41%	2.946%
61	16.034	2242	2246	2253	rVB3	11108	16472	0.91%	0.102%
62	16.152	2260	2266	2271	rVB2	12563	17907	0.99%	0.111%
63	16.663	2352	2353	2357	rBV3	3285	3018	0.17%	0.019%
64	16.757	2364	2369	2371	rBV2	2995	4879	0.27%	0.030%
65	16.786	2371	2374	2376	rVB	3914	3630	0.20%	0.022%
66	16.992	2406	2409	2415	rVB3	3137	4748	0.26%	0.029%
67	17.127	2426	2432	2434	rBV3	3665	5374	0.30%	0.033%
68	17.209	2442	2446	2450	rBV4	1559	2448	0.14%	0.015%
69	17.280	2453	2458	2459	rBV	3657	3836	0.21%	0.024%
70	17.550	2497	2504	2510	rBV2	588942	878254	48.75%	5.438%
71	17.650	2512	2521	2527	rBV	923162	1404830	77.97%	8.698%

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72	17.809	2543	2548	2553	rVB3	10921	14514	0.81%	0.090%
73	18.196	2609	2614	2619	rBV	182791	243035	13.49%	1.505%
74	18.367	2640	2643	2647	rBV5	5923	9031	0.50%	0.056%
75	18.432	2652	2654	2656	rBV3	2107	2462	0.14%	0.015%
76	18.490	2659	2664	2667	rBV	10620	15763	0.87%	0.098%
77	18.526	2668	2670	2676	rVB5	7346	9369	0.52%	0.058%
78	18.678	2691	2696	2699	rBV5	11873	15044	0.83%	0.093%
79	18.766	2709	2711	2715	rBV2	3782	5594	0.31%	0.035%
80	18.831	2719	2722	2724	rBV3	2602	3192	0.18%	0.020%
81	18.919	2735	2737	2741	rVB4	3286	3575	0.20%	0.022%
82	19.001	2747	2751	2756	rBV5	13152	15662	0.87%	0.097%
83	19.189	2779	2783	2785	rBV3	3146	3674	0.20%	0.023%
84	19.495	2832	2835	2838	rVB4	3275	3496	0.19%	0.022%
85	19.560	2842	2846	2849	rBV2	12704	17724	0.98%	0.110%
86	19.812	2884	2889	2893	rBV2	11227	20241	1.12%	0.125%
87	19.859	2895	2897	2901	rBV4	4746	5945	0.33%	0.037%
88	19.924	2901	2908	2915	rBV	1234921	1741165	96.64%	10.781%
89	21.828	3226	3232	3241	rVB	723155	1197079	66.44%	7.412%
90	24.947	3752	3763	3776	rBV	638745	1801709	100.00%	11.156%
91	25.177	3792	3802	3813	rVB	387965	1110949	61.66%	6.879%
92	25.735	3895	3897	3898	rBV2	7408	4179	0.23%	0.026%

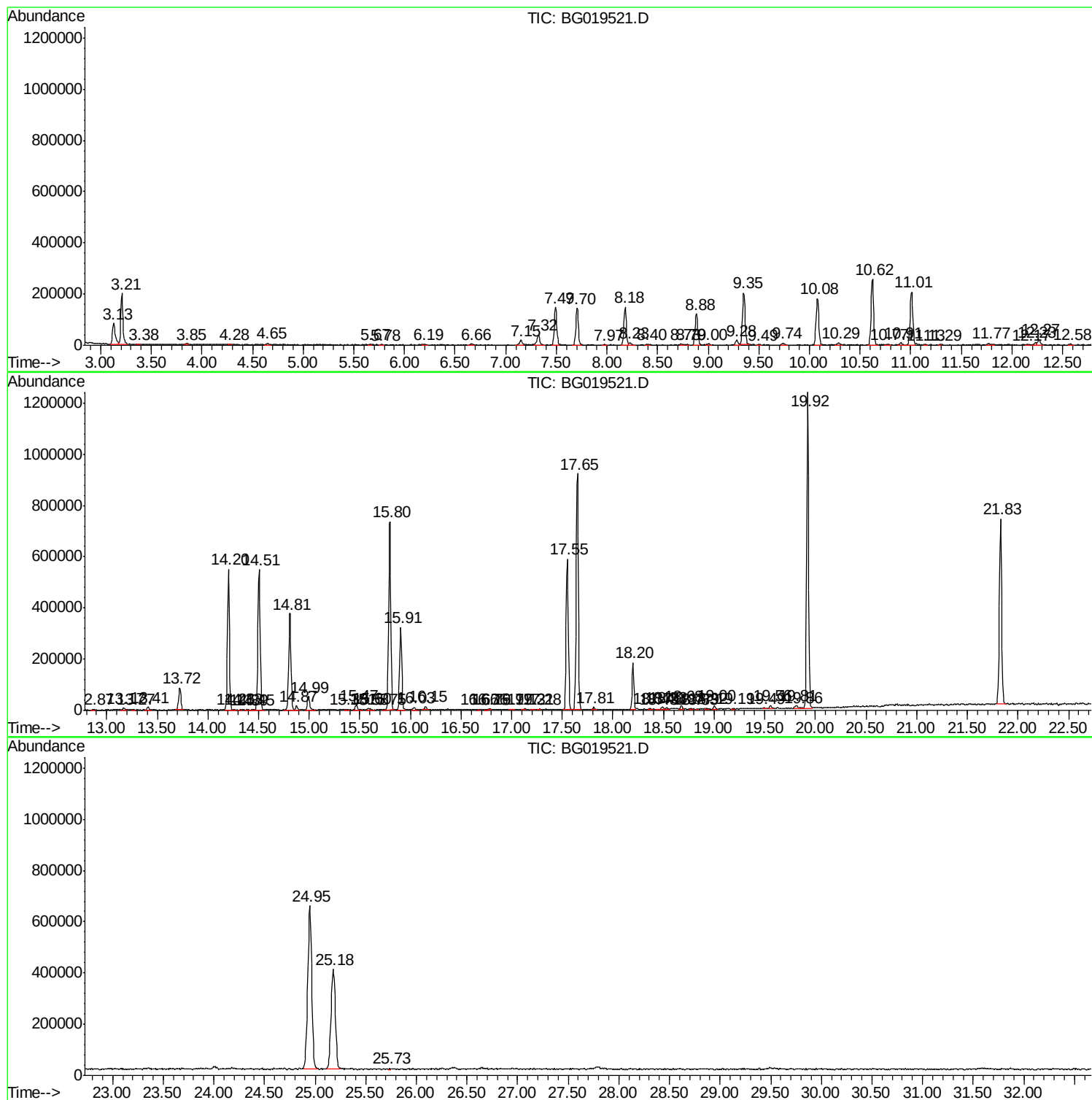
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



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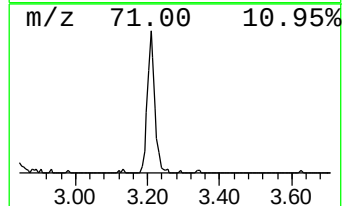
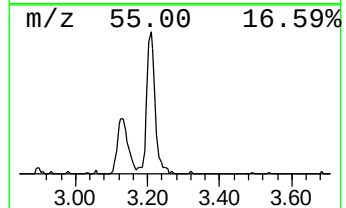
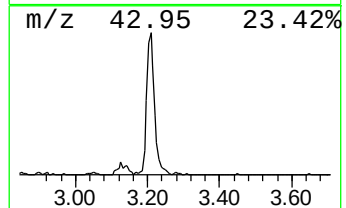
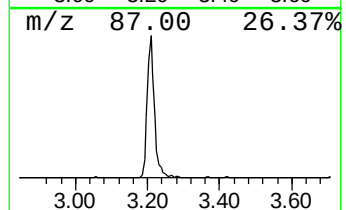
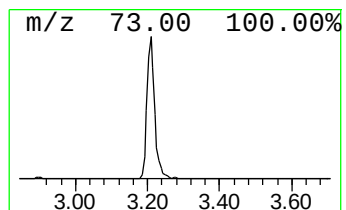
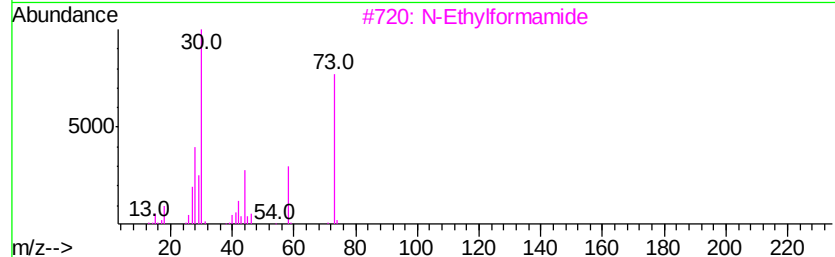
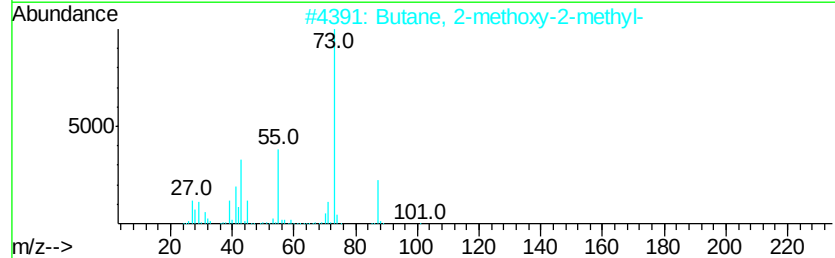
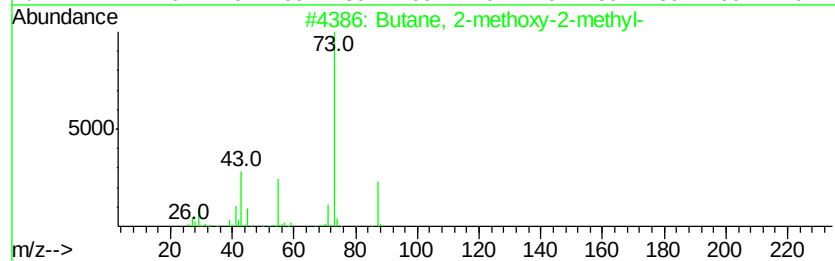
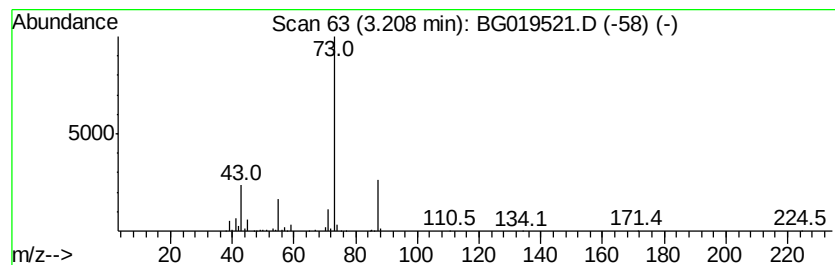
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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.
3.21	23.50 ng/ul	301962	1,4-Dichlorobenzene-d4	8.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	50
3	N-Ethylformamide	73 C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88 C4H12Si	000075-76-3	9
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174 C8H14O4	1000186-02-3	9



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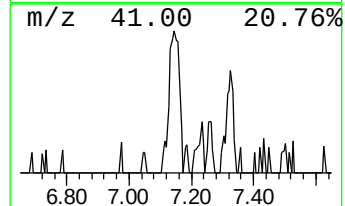
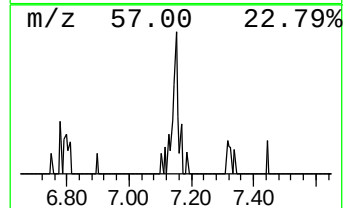
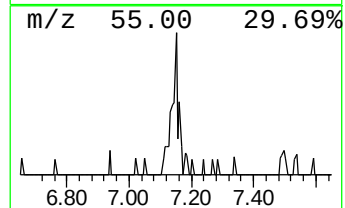
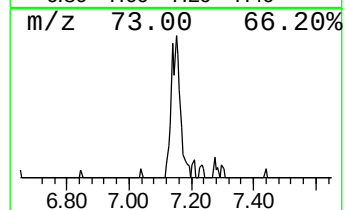
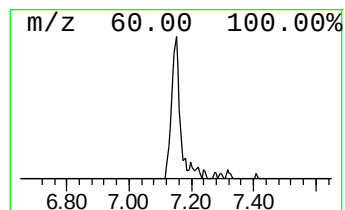
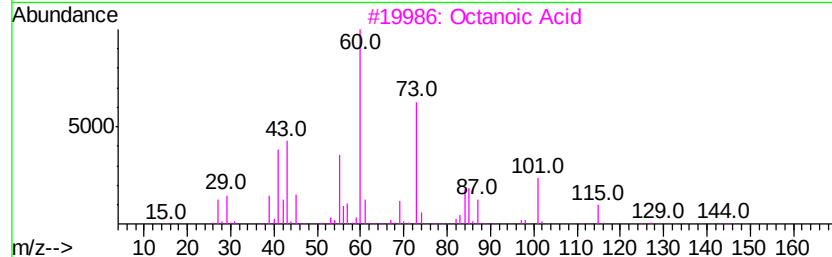
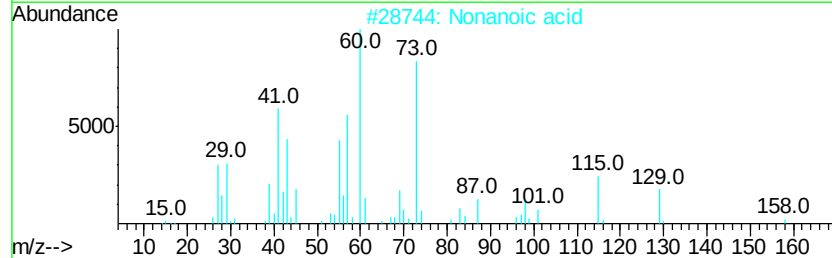
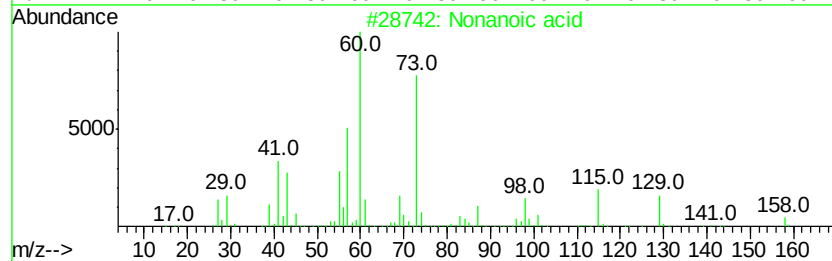
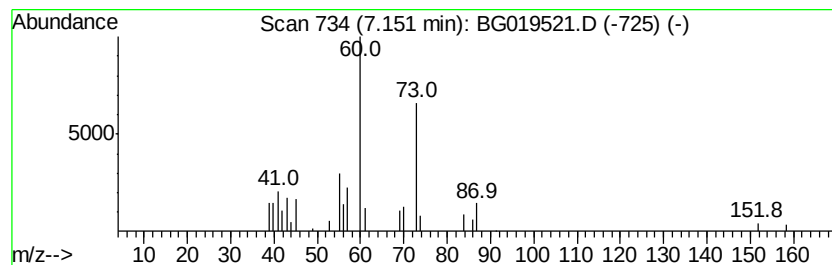
Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Nonanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.15	2.71 ng/ul	34784	1,4-Dichlorobenzene-d4	8.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	80
2	Nonanoic acid	158	C9H18O2	000112-05-0	64
3	Octanoic Acid	144	C8H16O2	000124-07-2	64
4	Octanoic Acid	144	C8H16O2	000124-07-2	59
5	Hexanoic acid	116	C6H12O2	000142-62-1	59



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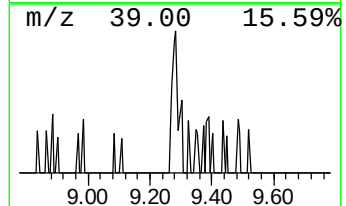
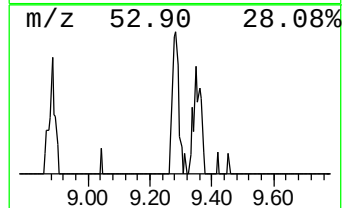
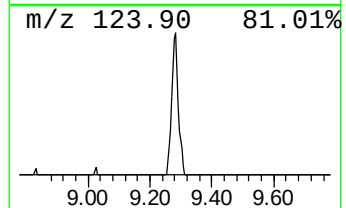
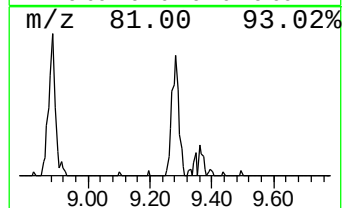
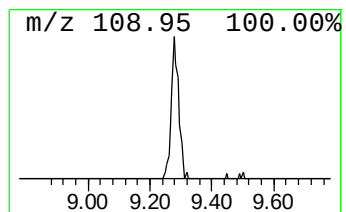
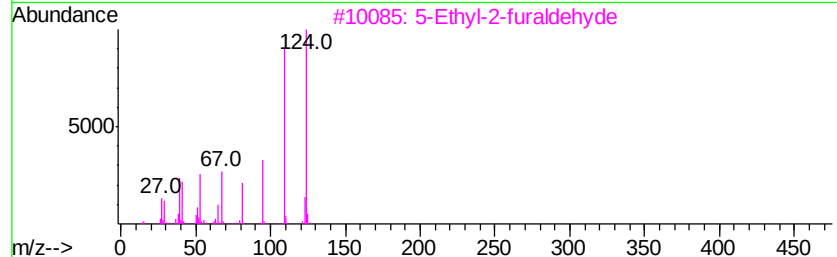
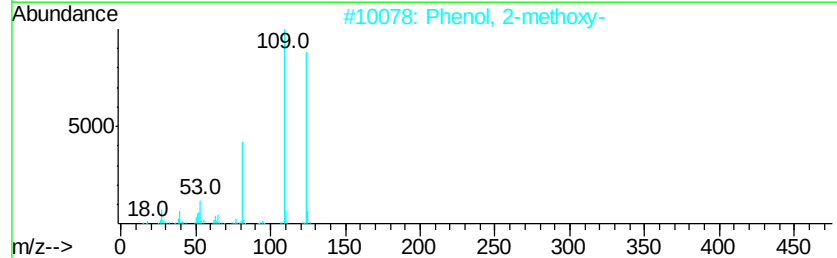
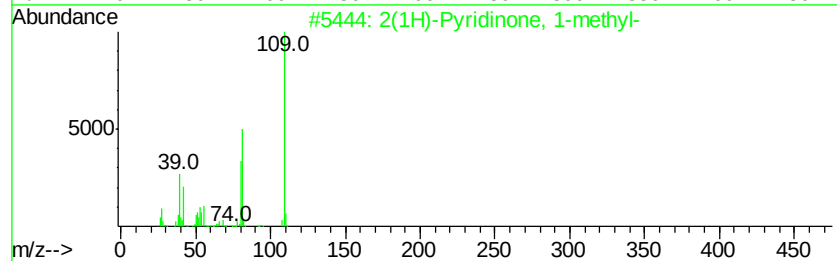
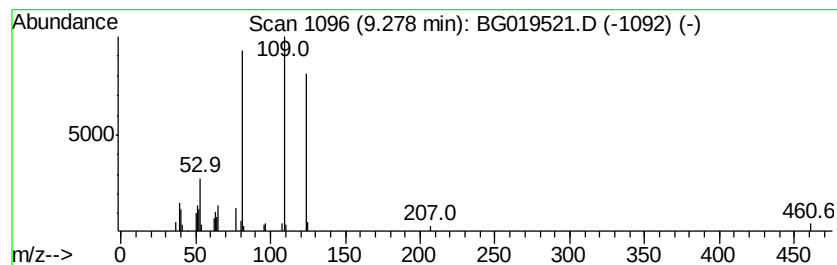
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 2(1H)-Pyridinone, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	2.40 ng/ul	30808	1,4-Dichlorobenzene-d4	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	52
2		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	46
3		5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	46
4		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	46
5		Ethanone, 1-(2-methyl-1-cyclop...	124	C8H12O	003168-90-9	43



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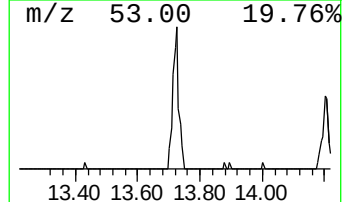
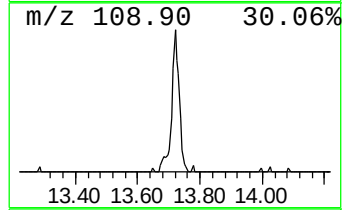
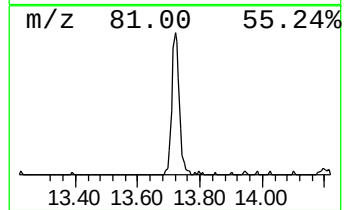
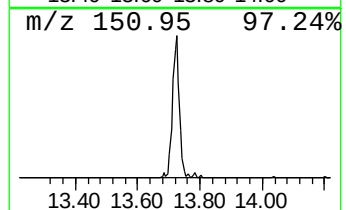
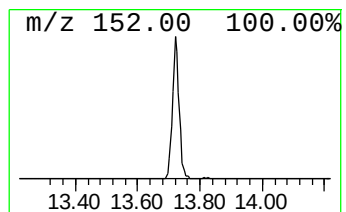
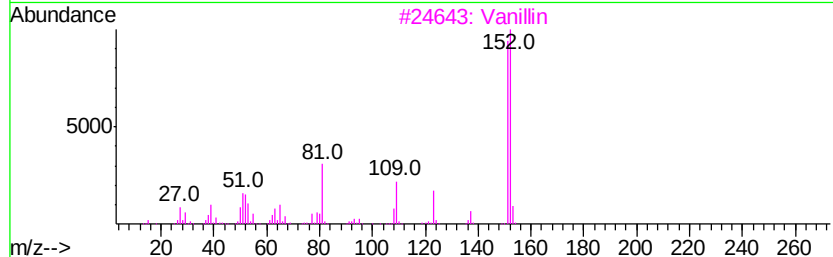
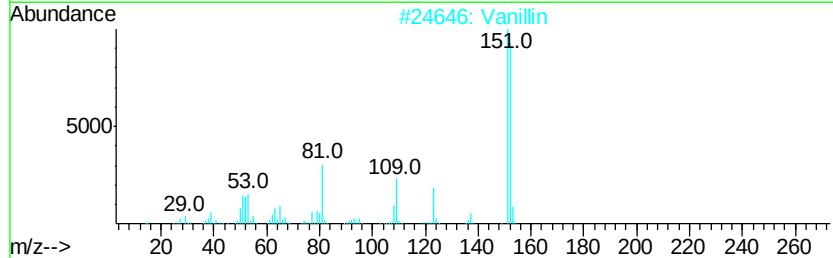
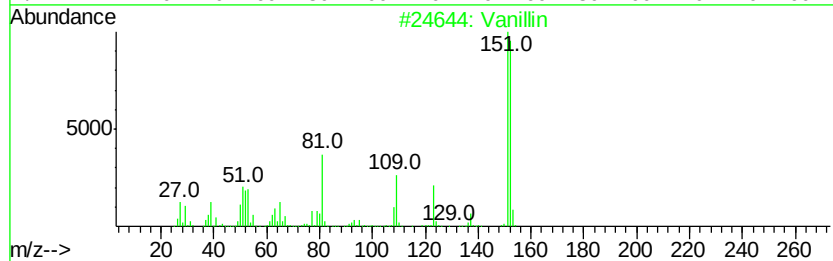
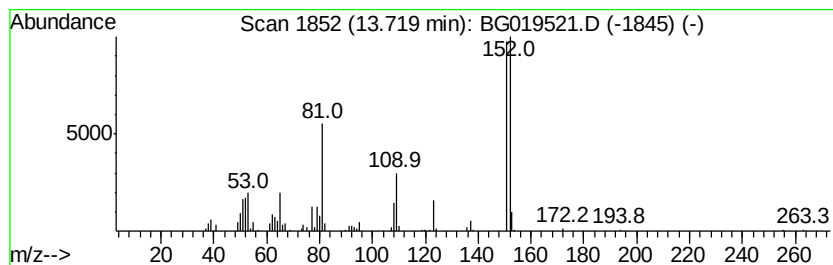
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.31 ng/ul	136397	Acenaphthene-d10	14.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin		152	C8H8O3	000121-33-5	96
2	Vanillin		152	C8H8O3	000121-33-5	95
3	Vanillin		152	C8H8O3	000121-33-5	93
4	4-Hydroxy-2-methoxybenaldehyde		152	C8H8O3	018278-34-7	87
5	Vanillin		152	C8H8O3	000121-33-5	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
Data File : BG019521.D
Acq On : 6 Nov 2015 20:47
Operator : UM/NP
Sample : G4245-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY61

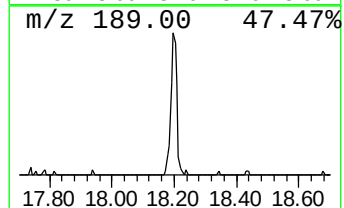
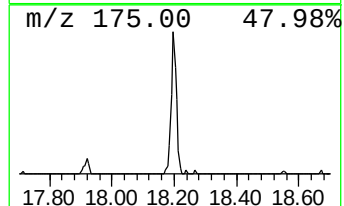
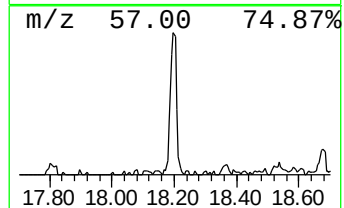
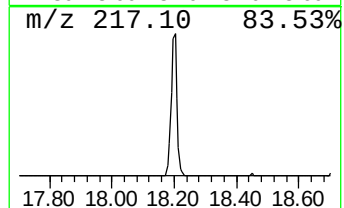
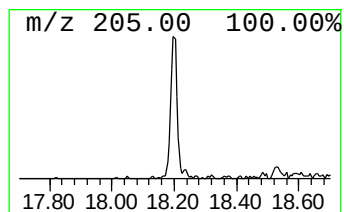
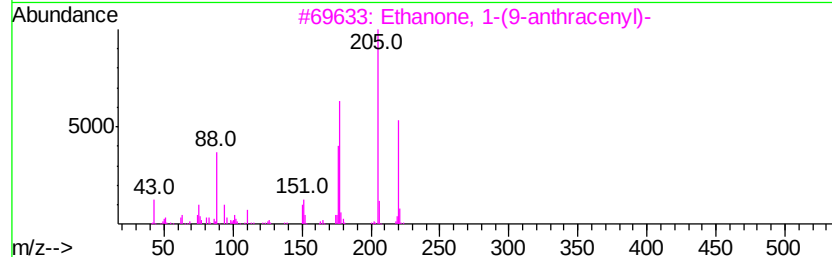
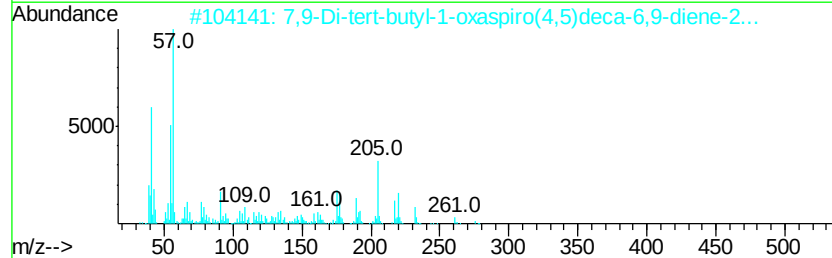
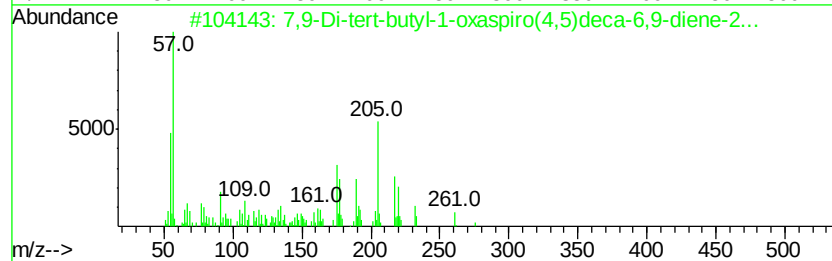
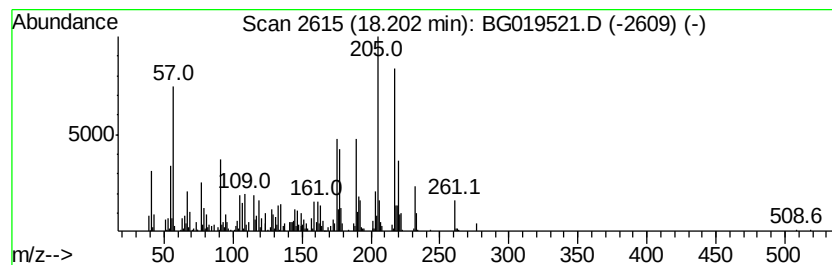
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	5.53 ng/ul	243035	Phenanthrene-d10	17.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
2			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
3			Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	46
4			1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	44
5			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019521.D
Acq On : 6 Nov 2015 20:47
Operator : UM/NP
Sample : G4245-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY61

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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...	3.21	23.5	ng/ul	301962	1	8.18	256967	20.0
Nonanoic acid	7.15	2.7	ng/ul	34784	1	8.18	256967	20.0
2(1H)-Pyridinone, ...	9.28	2.4	ng/ul	30808	1	8.18	256967	20.0
Vanillin	13.72	4.3	ng/ul	136397	3	14.81	632642	20.0
7,9-Di-tert-butyl...	18.20	5.5	ng/ul	243035	4	17.55	878254	20.0