

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
 Data File : BG019080.D
 Acq On : 9 Oct 2015 15:12
 Operator : UM/NP
 Sample : G3981-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 X2057

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-BG100415.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	2.926	13	15	21	rVB4	3895	4823	0.50%	0.033%
2	3.143	47	52	60	rBV	37000	63277	6.58%	0.433%
3	3.220	60	65	70	rBV	155867	207321	21.56%	1.419%
4	3.478	105	109	113	rVB2	5013	7526	0.78%	0.052%
5	3.590	124	128	133	rVB5	815	1719	0.18%	0.012%
6	3.819	165	167	170	rVB4	1431	1419	0.15%	0.010%
7	3.936	184	187	191	rBV3	752	1150	0.12%	0.008%
8	4.477	274	279	281	rBV3	774	1364	0.14%	0.009%
9	5.129	388	390	391	rBV2	1107	1089	0.11%	0.007%
10	5.141	391	392	397	rVB2	1688	1485	0.15%	0.010%
11	7.197	735	742	749	rBV	96597	166825	17.35%	1.142%
12	7.362	762	770	778	rVB	72023	117874	12.26%	0.807%
13	7.567	799	805	813	rVB	96503	155026	16.12%	1.061%
14	8.038	878	885	891	rBV	68152	113540	11.81%	0.777%
15	8.737	998	1004	1012	rVB	120918	208424	21.67%	1.427%
16	8.854	1017	1024	1034	rBV	118512	200586	20.86%	1.373%
17	9.124	1063	1070	1076	rBV2	51722	86689	9.01%	0.593%
18	9.195	1076	1082	1086	rVV	102171	178365	18.55%	1.221%
19	9.236	1086	1089	1097	rVB	52326	84837	8.82%	0.581%
20	9.624	1151	1155	1162	rVB3	1335	2486	0.26%	0.017%
21	9.918	1197	1205	1213	rBV	83995	148435	15.43%	1.016%
22	10.458	1290	1297	1306	rVB	121362	211529	22.00%	1.448%
23	10.846	1355	1363	1367	rBV	102794	181811	18.91%	1.244%
24	10.893	1367	1371	1379	rVB	69644	115430	12.00%	0.790%
25	10.975	1379	1385	1393	rBV3	12360	20801	2.16%	0.142%
26	12.421	1628	1631	1637	rVB2	1915	2477	0.26%	0.017%
27	12.497	1637	1644	1651	rBV	79388	131261	13.65%	0.898%
28	12.714	1675	1681	1686	rBV2	2184	3153	0.33%	0.022%
29	12.861	1700	1706	1713	rBV	140977	214892	22.35%	1.471%
30	14.072	1905	1912	1918	rVB	277740	396349	41.21%	2.713%
31	14.360	1954	1961	1968	rBV	281655	432513	44.97%	2.960%
32	14.665	2007	2013	2019	rBV2	182041	281277	29.25%	1.925%
33	14.730	2019	2024	2030	rVB	163744	242017	25.17%	1.657%
34	14.853	2039	2045	2055	rBV	144696	227481	23.65%	1.557%

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 Title : SVOA CALIBRATION

35	15.482	2148	2152	2156	rVB2	8412	10244	1.07%	0.070%
36	15.658	2175	2182	2190	rBV	394726	578009	60.10%	3.956%
37	15.770	2195	2201	2209	rBV	145105	203674	21.18%	1.394%
38	15.917	2219	2226	2233	rBV	423479	614224	63.87%	4.204%
39	17.203	2440	2445	2446	rBV3	733	1016	0.11%	0.007%
40	17.233	2446	2450	2454	rVB	3460	4650	0.48%	0.032%
41	17.415	2474	2481	2484	rBV	244520	389823	40.54%	2.668%
42	17.456	2484	2488	2493	rVV	362054	518283	53.89%	3.547%
43	17.515	2493	2498	2501	rVV	457740	726591	75.55%	4.973%
44	17.544	2501	2503	2512	rVB	233584	306987	31.92%	2.101%
45	17.885	2555	2561	2571	rVB	354232	499667	51.96%	3.420%
46	18.654	2687	2692	2696	rBV2	9551	12352	1.28%	0.085%
47	19.125	2770	2772	2775	rVB3	1063	1241	0.13%	0.008%
48	19.295	2799	2801	2804	rBV2	1141	1055	0.11%	0.007%
49	19.436	2820	2825	2829	rBV2	5839	7746	0.81%	0.053%
50	19.606	2852	2854	2857	rBV3	1280	1733	0.18%	0.012%
51	19.689	2863	2868	2870	rBV	3905	6548	0.68%	0.045%
52	19.800	2880	2887	2890	rBV	630123	961691	100.00%	6.582%
53	19.976	2914	2917	2919	rBV4	1879	1813	0.19%	0.012%
54	20.053	2928	2930	2932	rBV3	1725	1187	0.12%	0.008%
55	20.141	2935	2945	2946	rBV7	4122	10343	1.08%	0.071%
56	20.188	2951	2953	2955	rVV2	1279	1224	0.13%	0.008%
57	20.335	2973	2978	2982	rBV	24874	30772	3.20%	0.211%
58	20.382	2982	2986	2989	rVV5	1513	2051	0.21%	0.014%
59	20.417	2989	2992	2993	rBV3	2975	2277	0.24%	0.016%
60	20.452	2996	2998	3000	rBV2	984	1097	0.11%	0.008%
61	20.617	3024	3026	3030	rVV4	1685	2303	0.24%	0.016%
62	20.664	3032	3034	3036	rVB3	1375	1017	0.11%	0.007%
63	21.034	3095	3097	3102	rVB4	3997	3559	0.37%	0.024%
64	21.228	3128	3130	3132	rBV3	1760	1048	0.11%	0.007%
65	21.263	3132	3136	3138	rBV4	3567	4004	0.42%	0.027%
66	21.545	3182	3184	3186	rBV3	2038	1417	0.15%	0.010%
67	21.686	3202	3208	3212	rBV	313561	523003	54.38%	3.580%
68	21.733	3212	3216	3223	rVB	333309	542221	56.38%	3.711%
69	22.074	3272	3274	3275	rVB2	2582	1231	0.13%	0.008%
70	22.303	3311	3313	3314	rBV2	2513	2485	0.26%	0.017%
71	22.491	3320	3345	3348	rBV4	77535	462440	48.09%	3.165%

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72	23.143	3453	3456	3460	rBV6	2489	4036	0.42%	0.028%
73	23.214	3466	3468	3469	rBV2	5666	4926	0.51%	0.034%
74	23.596	3531	3533	3534	rBV2	1968	1307	0.14%	0.009%
75	23.713	3552	3553	3555	rBV2	2742	2353	0.24%	0.016%
76	23.796	3564	3567	3570	rBV4	4347	4696	0.49%	0.032%
77	23.895	3574	3584	3590	rBV	172880	420586	43.73%	2.879%
78	23.966	3590	3596	3604	rVB	132907	302938	31.50%	2.074%
79	24.348	3659	3661	3663	rVB3	3050	2580	0.27%	0.018%
80	24.483	3683	3684	3685	rBV	2570	1373	0.14%	0.009%
81	24.706	3711	3722	3728	rBV	298410	861515	89.58%	5.897%
82	24.777	3728	3734	3746	rVB	196939	514756	53.53%	3.523%
83	24.924	3749	3759	3771	rBV2	158096	466845	48.54%	3.195%
84	25.676	3884	3887	3889	rBV3	4884	5892	0.61%	0.040%
85	25.781	3894	3905	3920	rVB2	224217	716649	74.52%	4.905%
86	26.069	3952	3954	3957	rBV4	2178	2772	0.29%	0.019%
87	26.099	3957	3959	3960	rBV2	2061	1107	0.12%	0.008%
88	26.122	3960	3963	3964	rBV3	4473	4317	0.45%	0.030%
89	26.451	4017	4019	4020	rBV2	2254	1756	0.18%	0.012%
90	26.704	4060	4062	4063	rBV2	2639	2090	0.22%	0.014%
91	26.898	4072	4095	4097	rBV6	43929	213839	22.24%	1.464%
92	27.468	4190	4192	4193	rBV2	3097	2368	0.25%	0.016%
93	28.008	4280	4284	4285	rBV3	2410	2698	0.28%	0.018%
94	28.578	4379	4381	4384	rVB4	2775	2093	0.22%	0.014%
95	29.765	4566	4583	4597	rVB2	83744	400368	41.63%	2.740%
96	29.935	4610	4612	4615	rVB4	2492	2361	0.25%	0.016%
97	30.617	4726	4728	4729	rBV2	2821	1411	0.15%	0.010%
98	30.693	4740	4741	4742	rBV	2808	1300	0.14%	0.009%
99	32.233	5002	5003	5005	rBV2	3283	2571	0.27%	0.018%
100	32.280	5009	5011	5013	rBV3	2366	2114	0.22%	0.014%

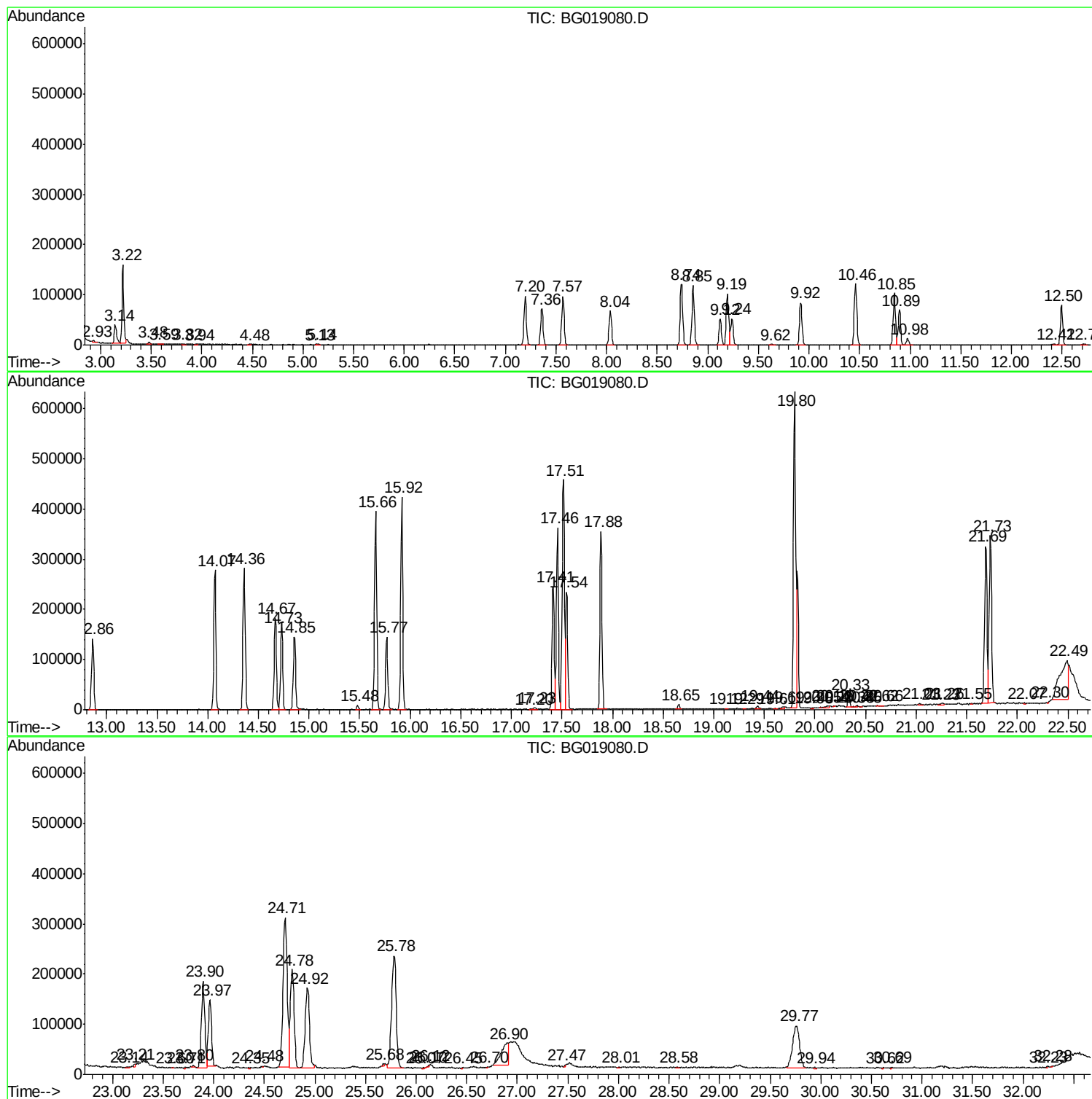
Sum of corrected areas: 14609894

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



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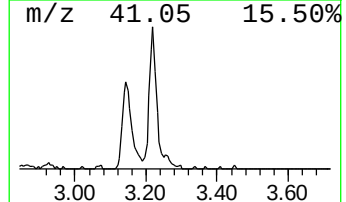
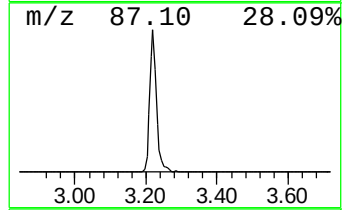
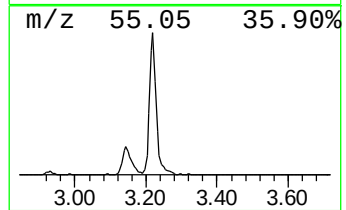
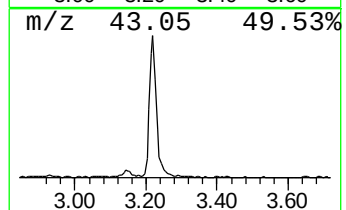
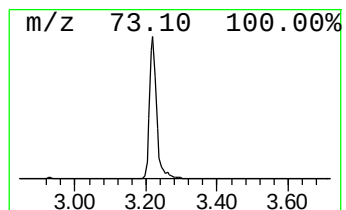
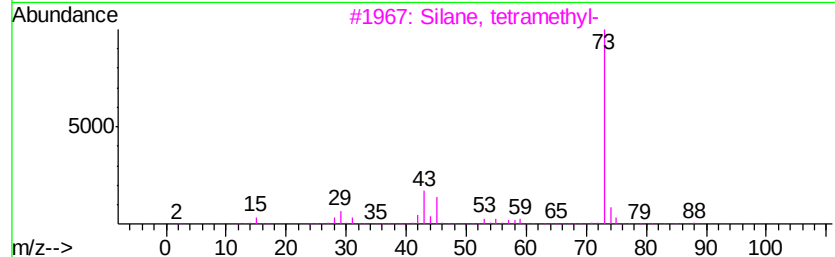
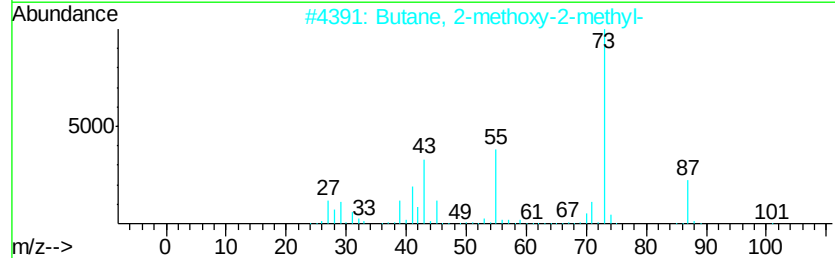
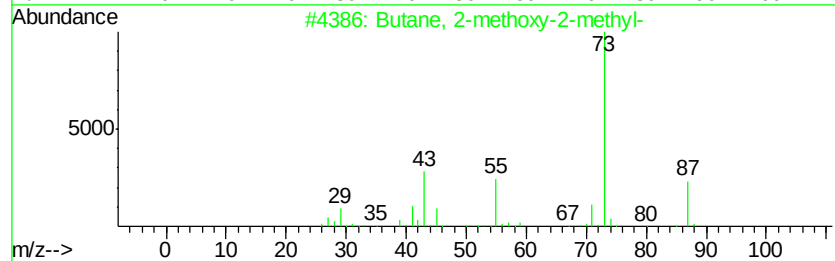
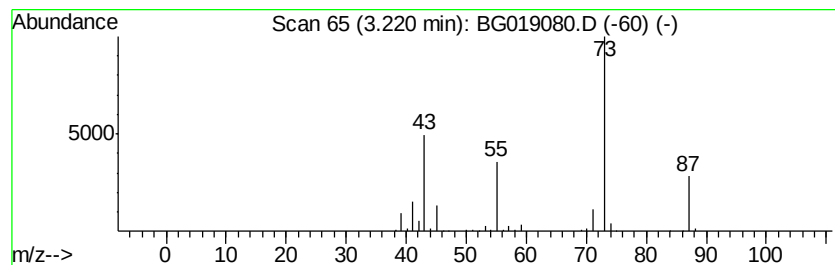
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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.
3.22	36.52 ng/ul	207321	1,4-Dichlorobenzene-d4	8.04

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	78
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		1-Propene-1-thiol	74	C3H6S	000925-89-3	9



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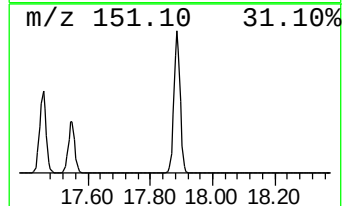
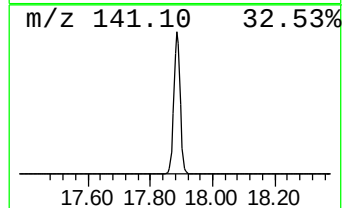
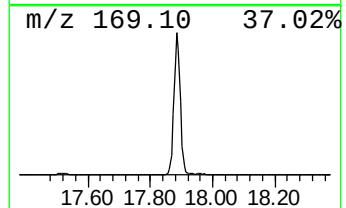
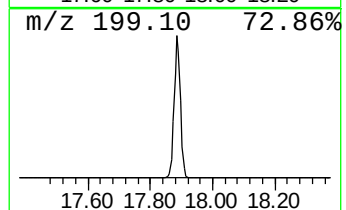
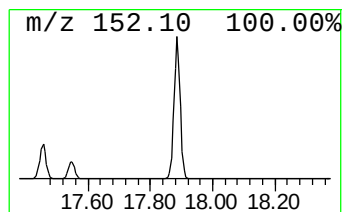
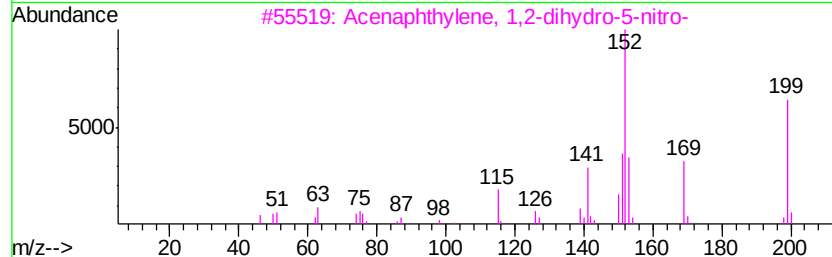
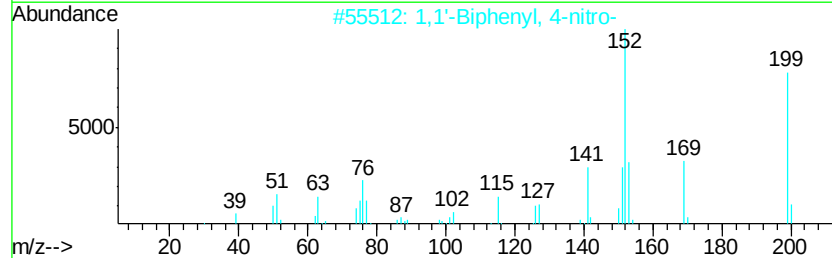
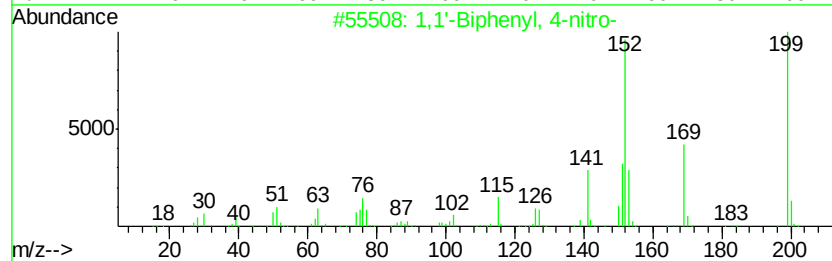
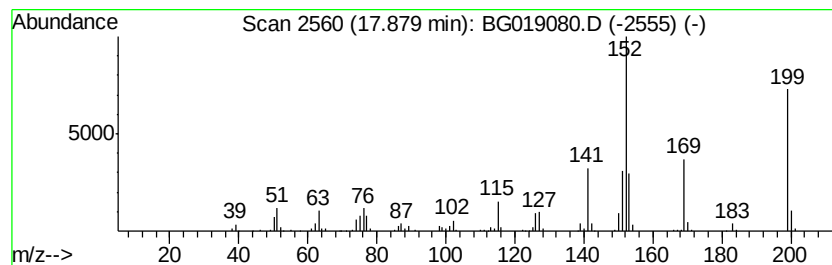
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,1'-Biphenyl, 4-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.88	25.64 ng/ul	499667	Phenanthrene-d10	17.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	99
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	94
4	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	90
5	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	76



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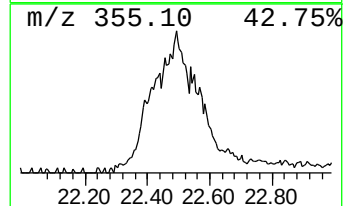
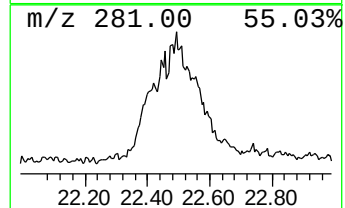
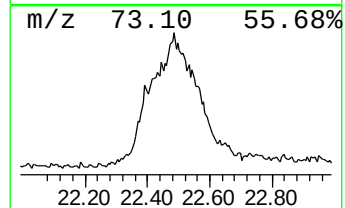
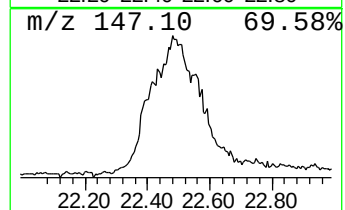
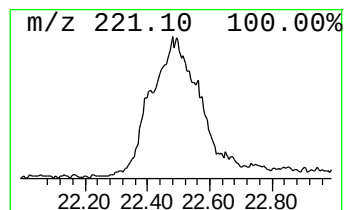
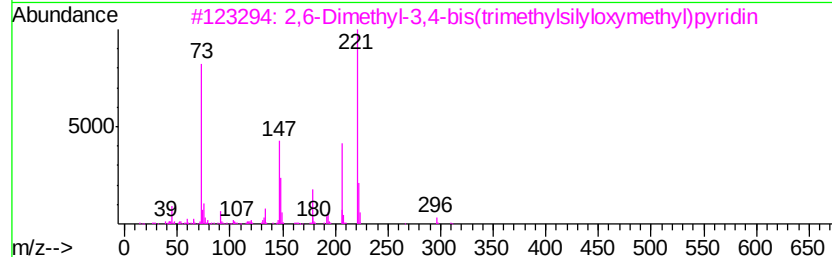
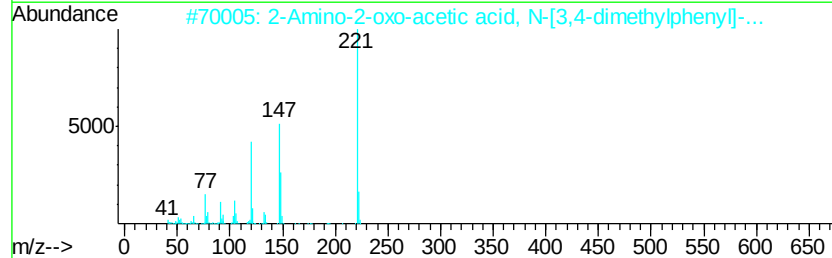
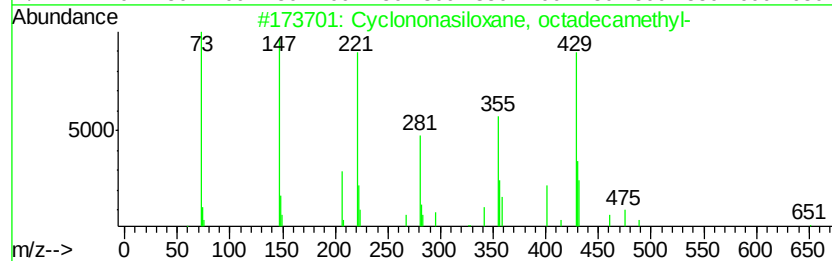
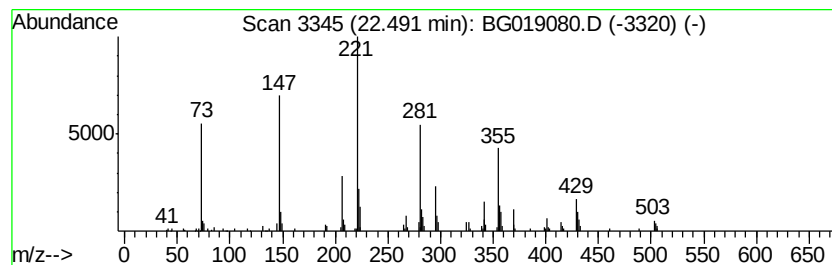
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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.49	17.68 ng/ul	462440	Chrysene-d12	21.69		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclononasiloxane, octadecamethyl-	666	C18H5409Si9	000556-71-8	49
2		2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15N03	024451-17-0	32
3		2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29N02Si2	1000079-52-1	23
4		Cyclononasiloxane, octadecamethyl-	666	C18H5409Si9	000556-71-8	22
5		1,3(2H,4H)-Isoquinolinedione, 6,...	369	C20H19N06	1000115-82-7	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019080.D
Acq On : 9 Oct 2015 15:12
Operator : UM/NP
Sample : G3981-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X2057

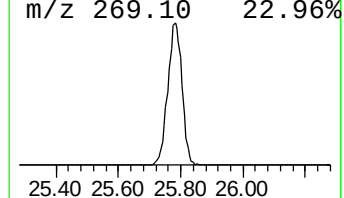
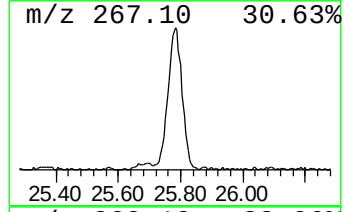
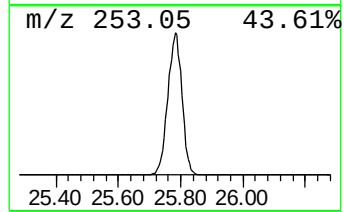
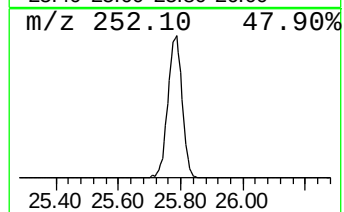
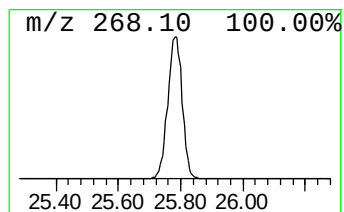
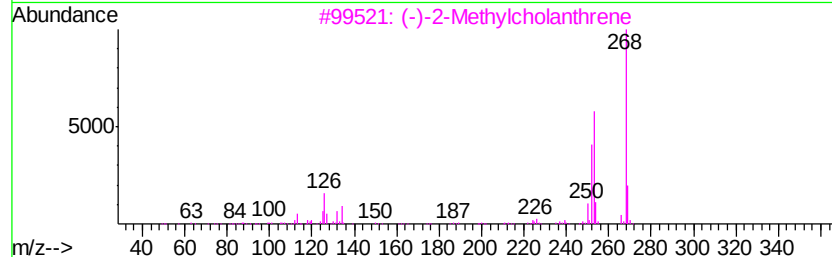
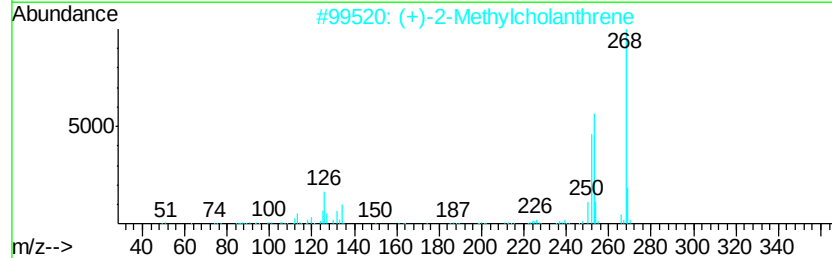
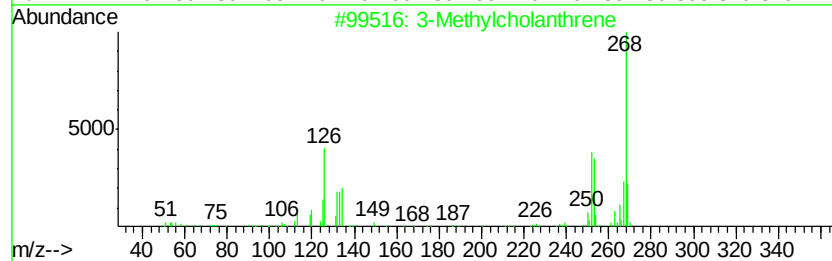
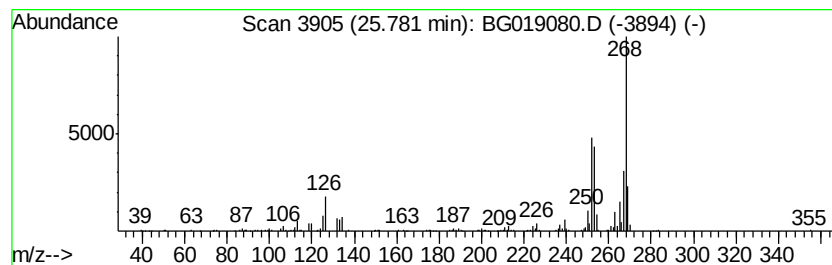
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 3-Methylcholanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.78	30.70 ng/ul	716649	Perylene-d12	24.93

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcholanthrene	268	C21H16	000056-49-5	95
2	(+)-2-Methylcholanthrene	268	C21H16	1000126-56-1	95
3	(-)-2-Methylcholanthrene	268	C21H16	1000126-56-2	92
4	3-Methylcholanthrene	268	C21H16	000056-49-5	91
5	Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019080.D
Acq On : 9 Oct 2015 15:12
Operator : UM/NP
Sample : G3981-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

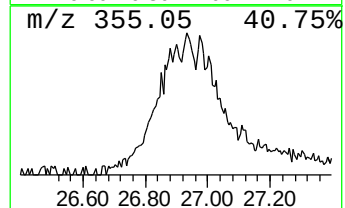
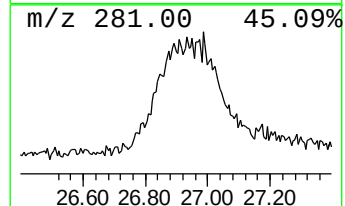
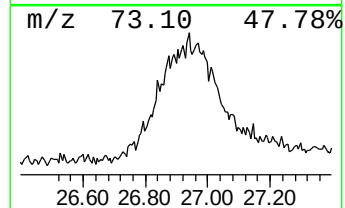
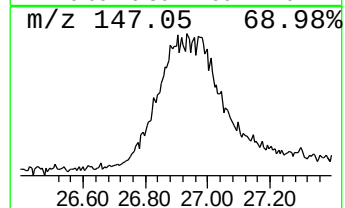
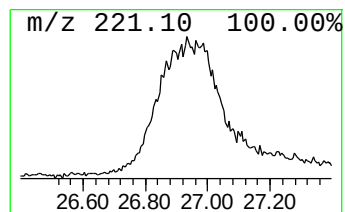
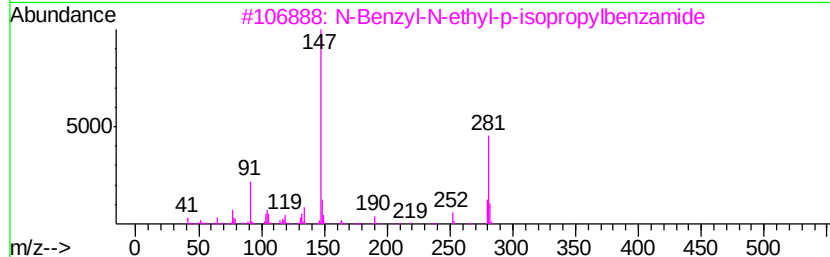
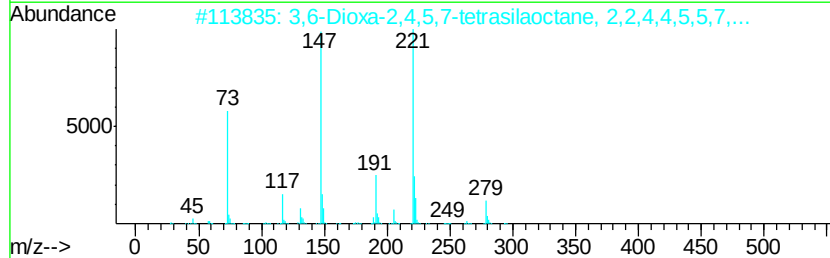
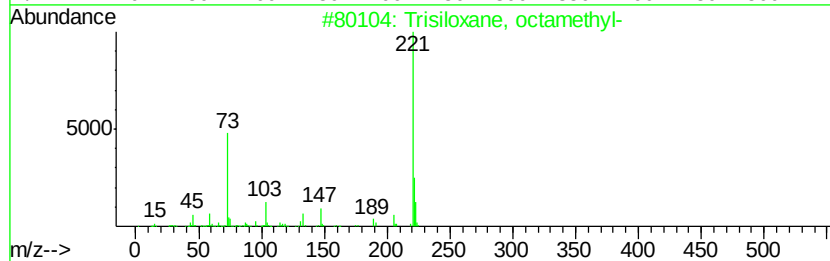
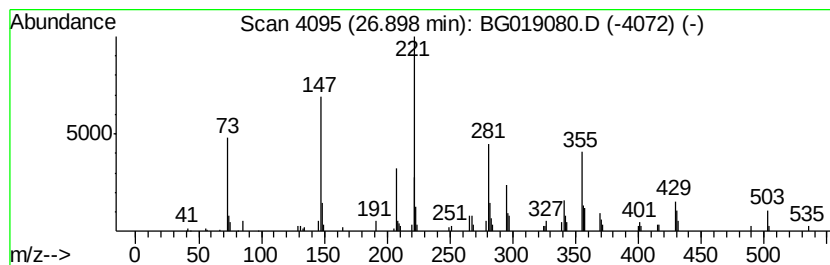
Instrument :
BNA_G
ClientSampleId :
X2057

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.90	9.16 ng/ul	213839	Perylene-d12	24.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Trisiloxane, octamethyl-	236 C8H24O2Si3	000107-51-7 35
2		3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294 C10H30O2Si4	004342-25-0 25
3		N-Benzyl-N-ethyl-p-isopropylbenz...	281 C19H23NO	015089-22-2 18
4		1-Aza-2-sila-5-boracyclopent-3-e...	221 C12H24BNSi	081620-70-4 12
5		Benzo[b]selenophene-3-carbonitri...	221 C10H7NSe	037007-54-8 10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019080.D
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Operator : UM/NP
Sample : G3981-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X2057

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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...	3.22	36.5	ng/ul	207321	1	8.04	113540	20.0
1,1'-Biphenyl, 4-...	17.88	25.6	ng/ul	499667	4	17.41	389823	20.0
unknown-01	22.49	17.7	ng/ul	462440	5	21.69	523003	20.0
3-Methylcholanthrene	25.78	30.7	ng/ul	716649	6	24.93	466845	20.0
unknown-02	26.90	9.2	ng/ul	213839	6	24.93	466845	20.0