

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
 Data File : BG020159.D
 Acq On : 14 Dec 2015 18:59
 Operator : UM/SJ
 Sample : G4767-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N31

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-BG121415.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	3.125	44	49	58	rBV	26996	48186	4.50%	0.449%
2	3.201	58	62	70	rVB	15158	21801	2.04%	0.203%
3	3.472	105	108	115	rVB3	4113	6078	0.57%	0.057%
4	7.244	744	750	762	rBV	104885	186484	17.41%	1.736%
5	7.420	774	780	789	rVB	76457	125886	11.75%	1.172%
6	7.626	809	815	823	rVB	103798	171743	16.03%	1.599%
7	8.102	890	896	903	rVB	78291	131993	12.32%	1.229%
8	8.642	983	988	994	rVB	11168	18263	1.70%	0.170%
9	8.801	1007	1015	1024	rBV	135015	234662	21.91%	2.184%
10	9.265	1087	1094	1103	rVB	101665	176533	16.48%	1.643%
11	9.359	1106	1110	1115	rBV2	3796	5927	0.55%	0.055%
12	9.988	1207	1217	1224	rVB	92412	163839	15.29%	1.525%
13	10.528	1301	1309	1317	rVB	146539	253589	23.67%	2.361%
14	10.916	1366	1375	1379	rBV	115656	204754	19.11%	1.906%
15	10.969	1379	1384	1390	rVV	106095	190990	17.83%	1.778%
16	11.045	1390	1397	1410	rVB	127877	238844	22.30%	2.223%
17	12.561	1650	1655	1661	rBV	20771	34053	3.18%	0.317%
18	12.679	1671	1675	1679	rVB4	1634	2838	0.26%	0.026%
19	12.778	1686	1692	1702	rBV2	10864	20457	1.91%	0.190%
20	13.272	1771	1776	1781	rBV2	8072	13247	1.24%	0.123%
21	13.348	1783	1789	1794	rBV5	4146	7799	0.73%	0.073%
22	13.495	1810	1814	1818	rBV2	4823	6529	0.61%	0.061%
23	13.560	1818	1825	1830	rBV2	11734	20572	1.92%	0.191%
24	14.124	1911	1921	1926	rBV	285638	432647	40.39%	4.027%
25	14.171	1926	1929	1936	rVB	146634	202315	18.89%	1.883%
26	14.236	1936	1940	1945	rBV2	3607	4446	0.42%	0.041%
27	14.424	1964	1972	1979	rBV	297915	475767	44.41%	4.429%
28	14.476	1979	1981	1987	rVB2	7009	9848	0.92%	0.092%
29	14.606	1998	2003	2006	rBV3	6819	10240	0.96%	0.095%
30	14.641	2006	2009	2014	rVB3	8534	12605	1.18%	0.117%
31	14.729	2014	2024	2030	rBV2	216210	337075	31.47%	3.138%
32	14.788	2030	2034	2041	rVB	37229	54411	5.08%	0.506%
33	14.852	2041	2045	2049	rBV	6967	8663	0.81%	0.081%
34	14.911	2049	2055	2065	rVV	141888	219554	20.50%	2.044%

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35	14.993	2065	2069	2076	rVB7	2556	4618	0.43%	0.043%
36	15.040	2076	2077	2084	rVB7	2298	3333	0.31%	0.031%
37	15.123	2084	2091	2100	rBV	59756	99451	9.28%	0.926%
38	15.199	2101	2104	2107	rBV	3873	4744	0.44%	0.044%
39	15.340	2123	2128	2134	rBV4	1822	3527	0.33%	0.033%
40	15.440	2143	2145	2151	rVB5	2049	2996	0.28%	0.028%
41	15.511	2151	2157	2161	rBV3	4604	7523	0.70%	0.070%
42	15.552	2161	2164	2172	rVV2	11426	19859	1.85%	0.185%
43	15.622	2172	2176	2179	rVV3	2817	4245	0.40%	0.040%
44	15.716	2185	2192	2197	rVV	412158	617036	57.60%	5.744%
45	15.769	2197	2201	2205	rVV2	43711	68341	6.38%	0.636%
46	15.822	2205	2210	2221	rVB	137211	200049	18.67%	1.862%
47	15.951	2226	2232	2237	rBV6	7017	13701	1.28%	0.128%
48	15.998	2237	2240	2246	rVB5	3121	4330	0.40%	0.040%
49	16.063	2246	2251	2254	rVB5	2139	3544	0.33%	0.033%
50	16.127	2254	2262	2268	rBV8	4092	11617	1.08%	0.108%
51	16.274	2281	2287	2294	rVB	46214	70393	6.57%	0.655%
52	16.351	2294	2300	2304	rBV3	2196	4326	0.40%	0.040%
53	16.415	2307	2311	2314	rBV	13197	17789	1.66%	0.166%
54	16.521	2323	2329	2332	rVB3	4083	6127	0.57%	0.057%
55	16.597	2335	2342	2348	rBV5	7010	13922	1.30%	0.130%
56	16.785	2372	2374	2379	rVB4	6640	6397	0.60%	0.060%
57	16.950	2399	2402	2405	rVB5	2912	3339	0.31%	0.031%
58	17.032	2412	2416	2419	rVB	2027	3218	0.30%	0.030%
59	17.209	2442	2446	2450	rBV3	9406	13129	1.23%	0.122%
60	17.285	2450	2459	2467	rVB2	11767	28611	2.67%	0.266%
61	17.355	2467	2471	2475	rVB3	3285	5172	0.48%	0.048%
62	17.467	2484	2490	2495	rBV2	287752	464404	43.35%	4.323%
63	17.514	2495	2498	2502	rVB	134328	180093	16.81%	1.676%
64	17.573	2502	2508	2514	rBV2	700067	1071247	100.00%	9.972%
65	17.749	2534	2538	2541	rVB3	4582	5887	0.55%	0.055%
66	17.849	2548	2555	2567	rVB2	237292	451288	42.13%	4.201%
67	17.943	2567	2571	2576	rBV3	4437	7879	0.74%	0.073%
68	18.008	2578	2582	2587	rVB2	13478	18806	1.76%	0.175%
69	18.055	2587	2590	2595	rVB2	10765	14543	1.36%	0.135%
70	18.125	2595	2602	2608	rBV2	24757	42239	3.94%	0.393%
71	18.213	2615	2617	2622	rVB3	2065	3091	0.29%	0.029%

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72	18.342	2635	2639	2643	rBV	29741	38225	3.57%	0.356%
73	18.389	2643	2647	2654	rVB4	16473	33962	3.17%	0.316%
74	18.454	2654	2658	2664	rVB2	8402	14792	1.38%	0.138%
75	18.542	2664	2673	2677	rBV2	7133	14311	1.34%	0.133%
76	18.636	2686	2689	2694	rVV4	3304	5820	0.54%	0.054%
77	18.683	2694	2697	2700	rVV3	5794	8766	0.82%	0.082%
78	18.742	2700	2707	2716	rVB5	12528	35511	3.31%	0.331%
79	18.836	2719	2723	2726	rBV2	2325	3437	0.32%	0.032%
80	19.006	2749	2752	2756	rBV	3660	4345	0.41%	0.040%
81	19.388	2813	2817	2821	rBV3	1920	2834	0.26%	0.026%
82	19.441	2821	2826	2829	rVV4	2246	3085	0.29%	0.029%
83	19.476	2829	2832	2835	rVV3	6066	10093	0.94%	0.094%
84	19.512	2835	2838	2845	rVB	33418	44578	4.16%	0.415%
85	19.606	2850	2854	2859	rBV	44045	61028	5.70%	0.568%
86	19.735	2871	2876	2879	rBV3	9473	14495	1.35%	0.135%
87	19.852	2889	2896	2908	rVB	532349	833468	77.80%	7.759%
88	20.111	2936	2940	2946	rVB	17664	22664	2.12%	0.211%
89	20.252	2960	2964	2968	rBV	5929	8601	0.80%	0.080%
90	20.305	2969	2973	2978	rVB	7007	9113	0.85%	0.085%
91	20.469	2998	3001	3002	rBV2	2330	2713	0.25%	0.025%
92	20.493	3002	3005	3012	rVB	9394	12067	1.13%	0.112%
93	20.746	3040	3048	3060	rBV	98662	142275	13.28%	1.324%
94	20.845	3063	3065	3069	rVV5	2980	3975	0.37%	0.037%
95	21.368	3150	3154	3159	rVV6	12205	19939	1.86%	0.186%
96	21.615	3193	3196	3200	rVB2	10807	14275	1.33%	0.133%
97	21.738	3211	3217	3225	rBV	323447	535827	50.02%	4.988%
98	23.437	3502	3506	3515	rVB3	10508	20402	1.90%	0.190%
99	24.788	3725	3736	3748	rVB	284418	761787	71.11%	7.091%
100	25.011	3764	3774	3787	rVB2	178953	506740	47.30%	4.717%

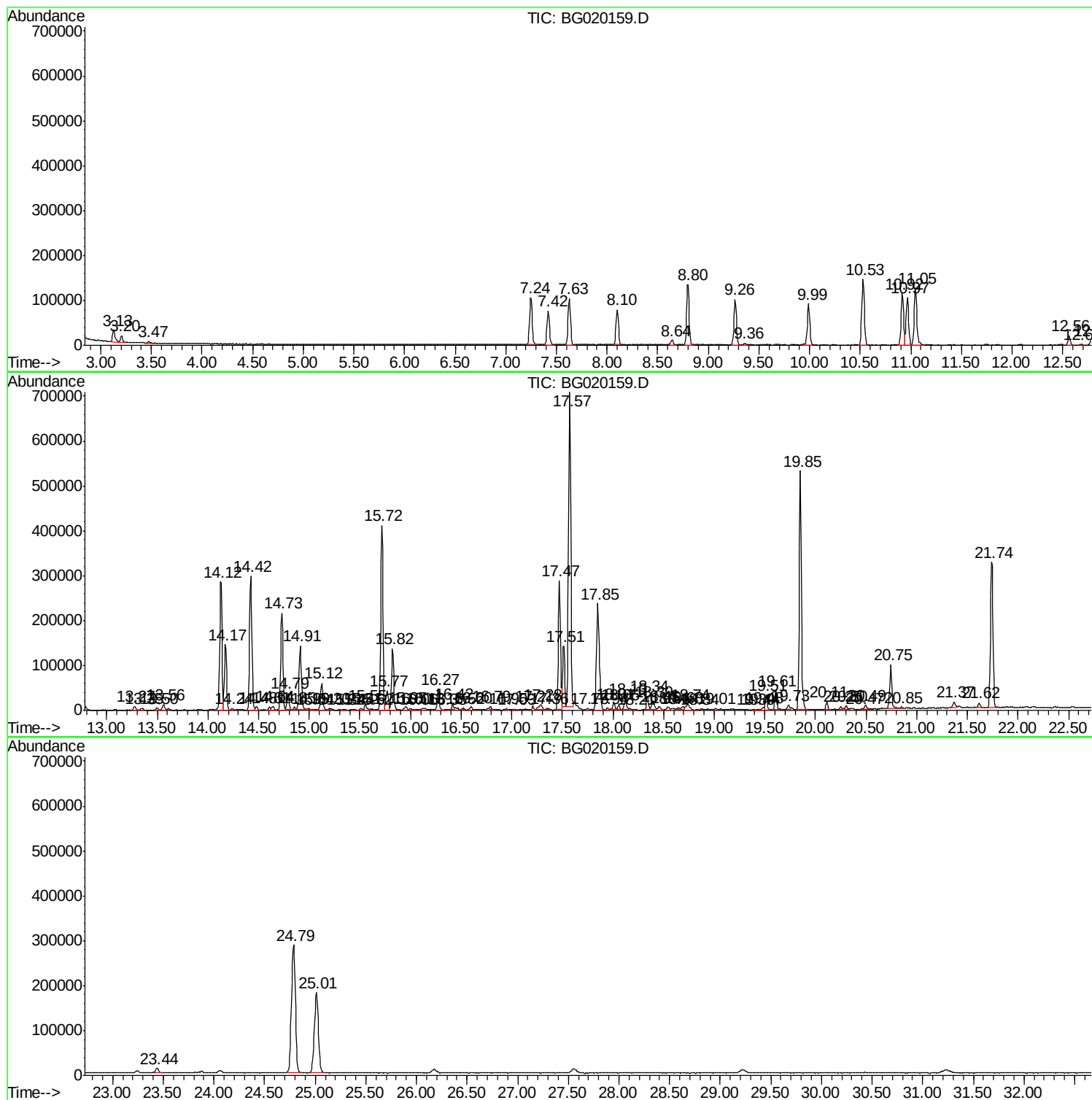
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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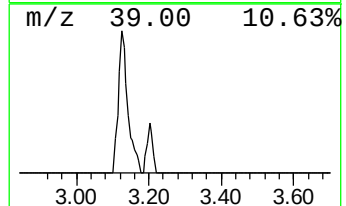
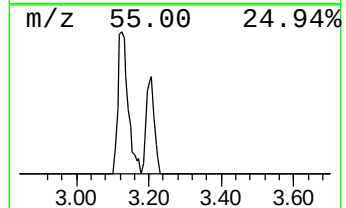
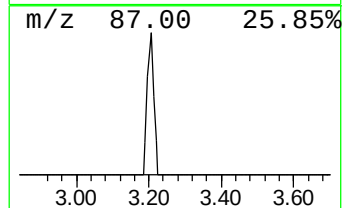
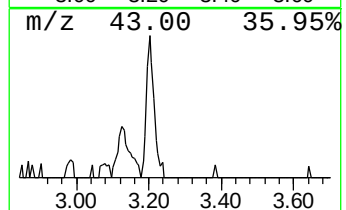
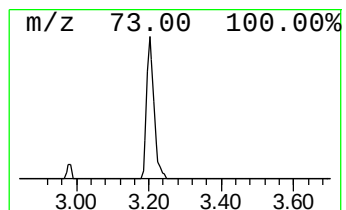
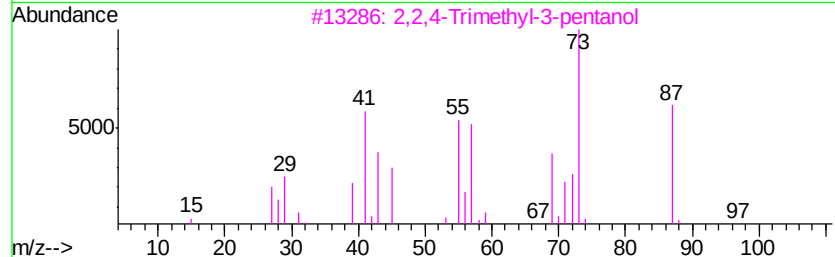
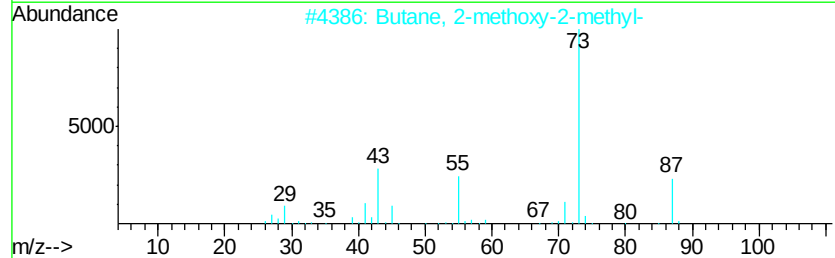
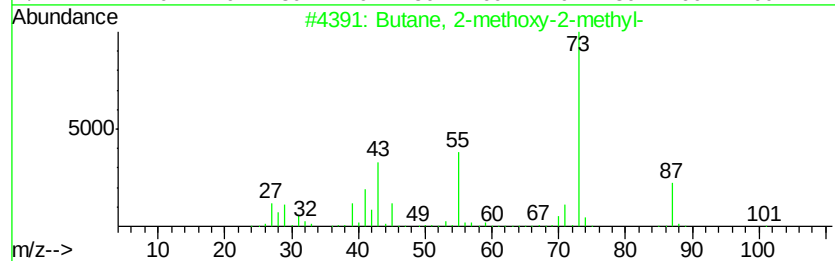
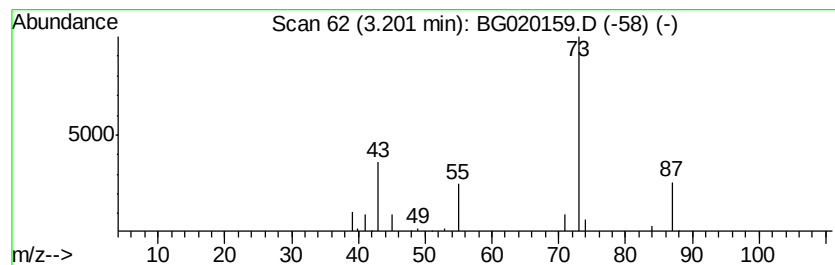
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	3.30 ng/ul	21801	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5



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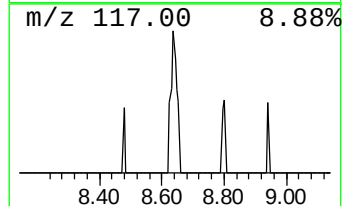
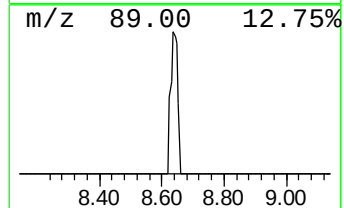
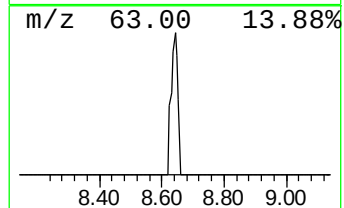
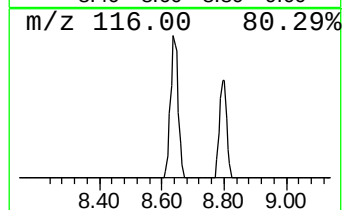
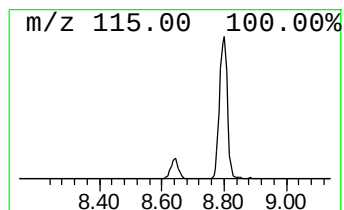
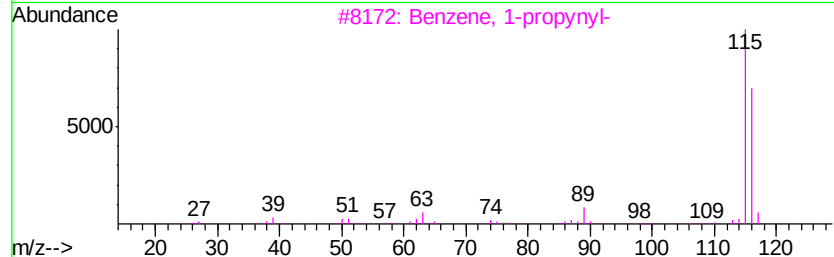
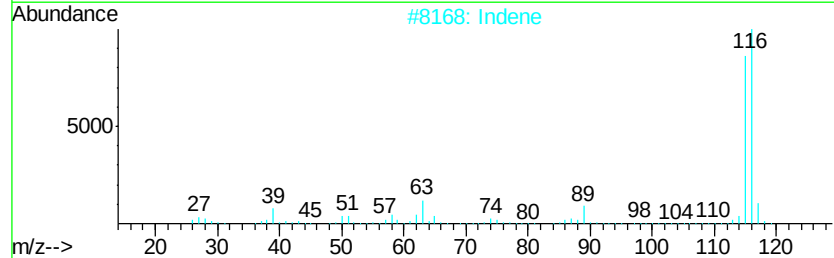
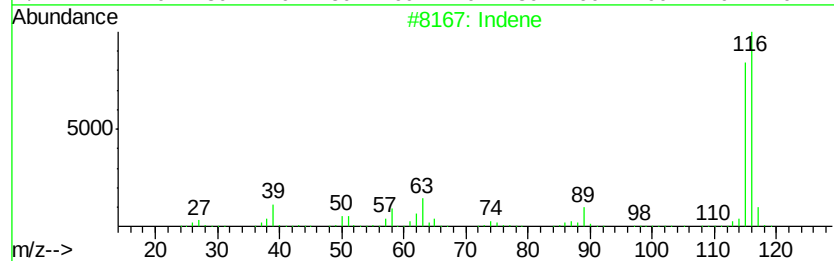
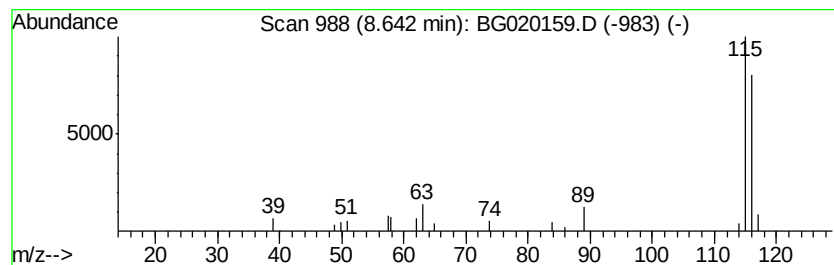
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	2.77 ng/ul	18263	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	91
2		Indene	116	C9H8	000095-13-6	91
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	90



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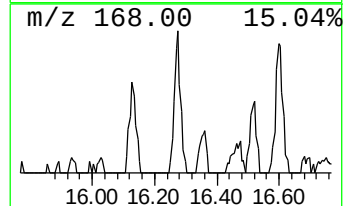
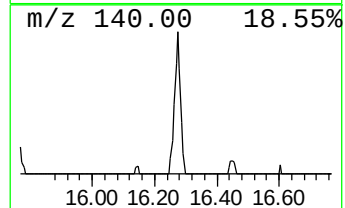
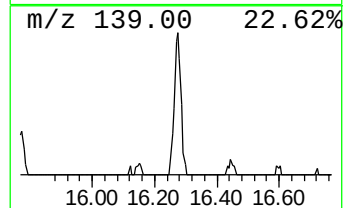
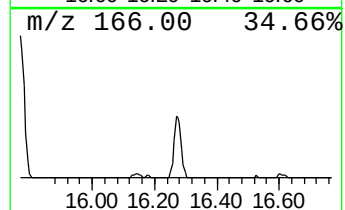
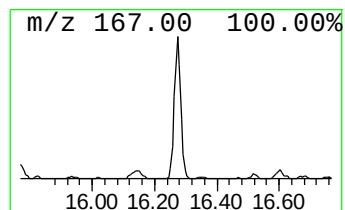
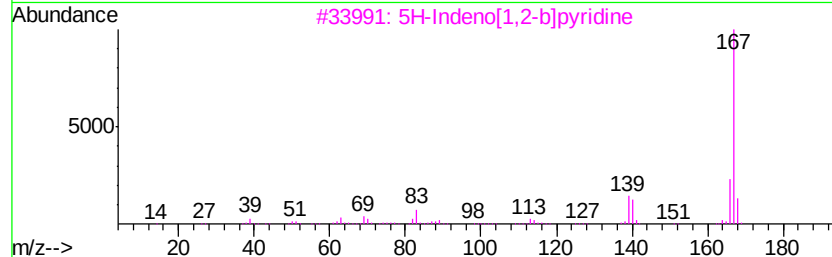
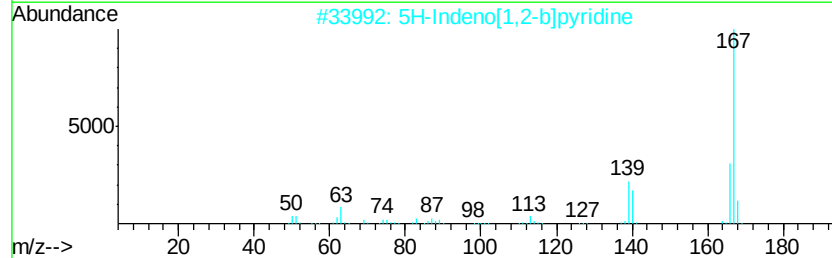
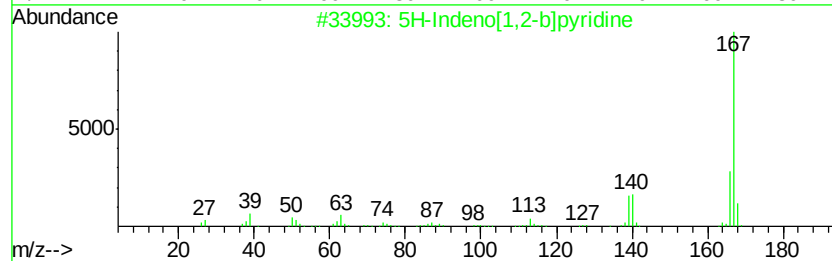
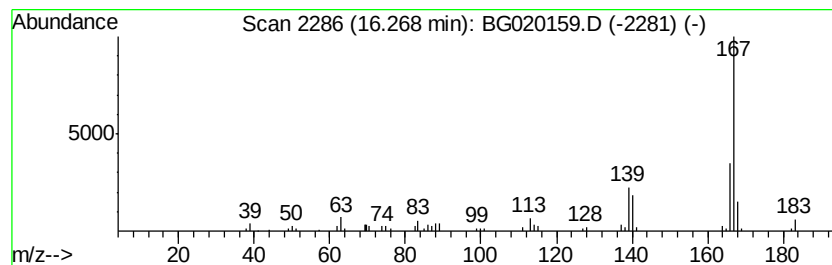
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	3.03 ng/ul	70393	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
4			Carbazole	167	C12H9N	000086-74-8	91
5			Carbazole	167	C12H9N	000086-74-8	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020159.D
Acq On : 14 Dec 2015 18:59
Operator : UM/SJ
Sample : G4767-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N31

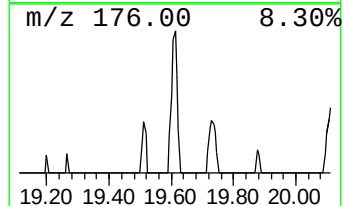
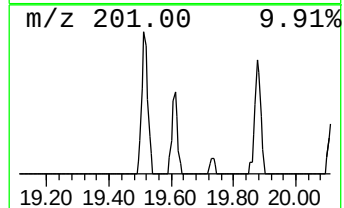
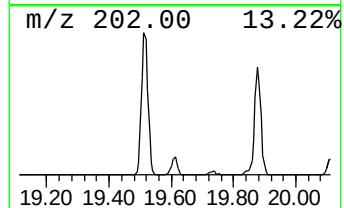
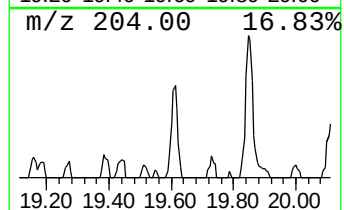
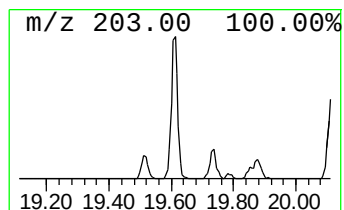
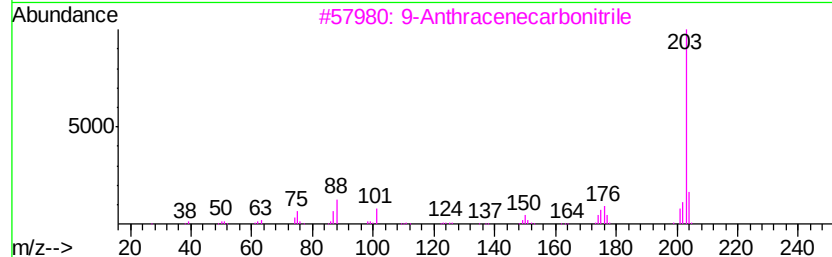
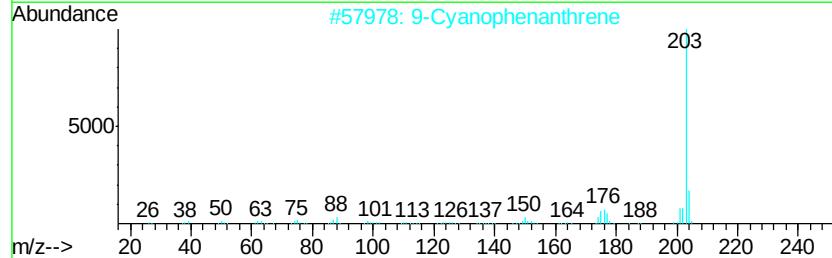
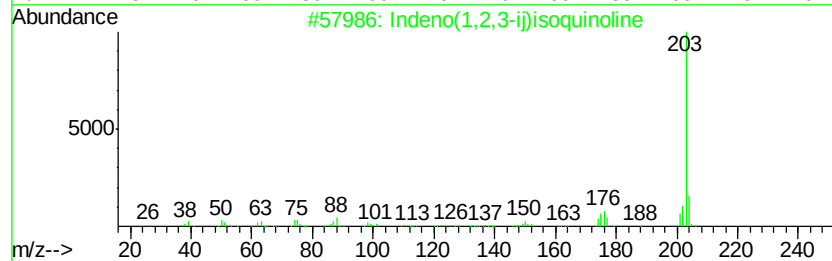
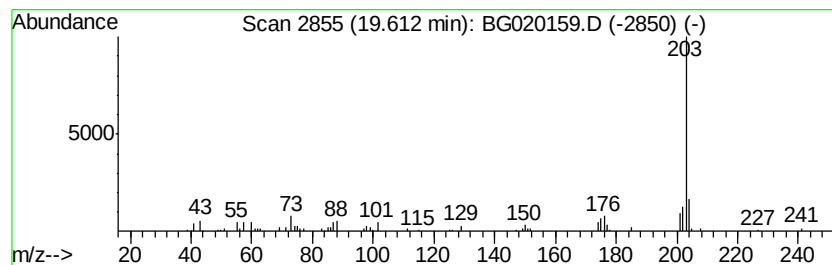
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Indeno(1,2,3-ij)isoquinoline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	2.63 ng/ul	61028	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95
2			9-Cyanophenanthrene	203	C15H9N	002510-55-6	95
3			9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	94
4			Acenaphtho(1,2-B)pyridine	203	C15H9N	000206-49-5	94
5			Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020159.D
Acq On : 14 Dec 2015 18:59
Operator : UM/SJ
Sample : G4767-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N31

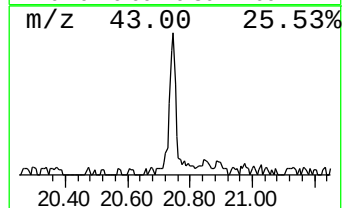
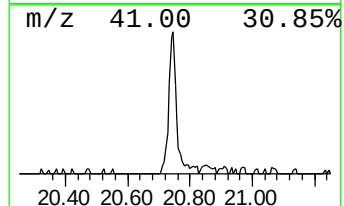
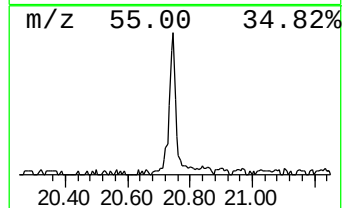
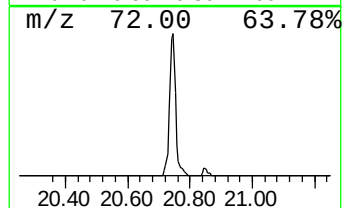
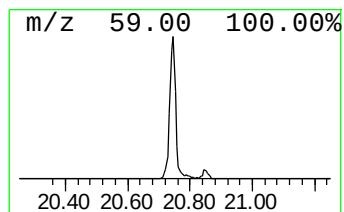
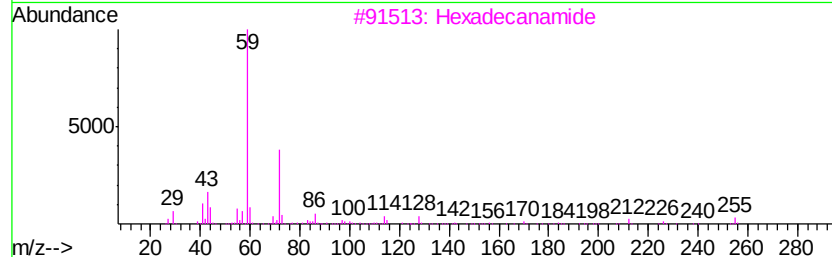
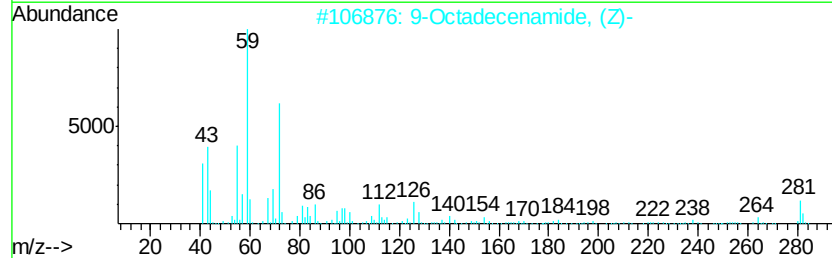
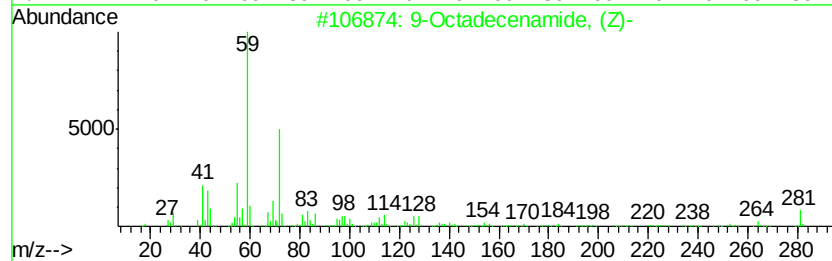
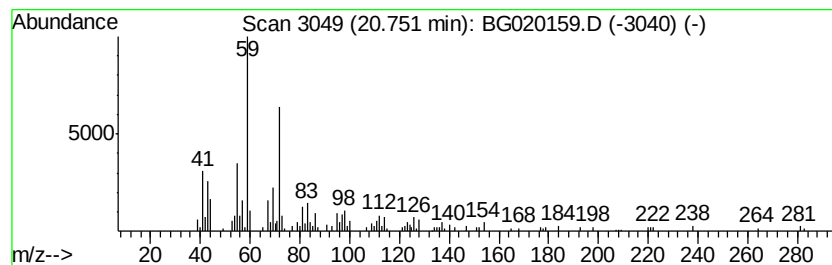
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	5.31 ng/ul	142275	Chrysene-d12	21.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94	
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90	
3	Hexadecanamide	255	C16H33NO	000629-54-9	64	
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59	
5	Dodecanamide	199	C12H25NO	001120-16-7	53	



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Operator : UM/SJ
Sample : G4767-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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...	3.20	3.3	ng/ul	21801	1	8.10	131993	20.0
Indene	8.64	2.8	ng/ul	18263	1	8.10	131993	20.0
5H-Indeno[1,2-b]p...	16.27	3.0	ng/ul	70393	4	17.47	464404	20.0
Indeno(1,2,3-ij)i...	19.61	2.6	ng/ul	61028	4	17.47	464404	20.0
9-Octadecenamide,...	20.75	5.3	ng/ul	142275	5	21.74	535827	20.0