

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071015\
 Data File : BG017812.D
 Acq On : 10 Jul 2015 15:27
 Operator : TP/UM
 Sample : G2928-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 X1Y17

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-BG070915.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	2.796	14	18	26	rBV	343777	514576	18.12%	1.197%
2	2.866	26	30	42	rVB	800918	1004925	35.38%	2.337%
3	4.153	247	249	255	rVB5	7468	7239	0.25%	0.017%
4	4.740	345	349	356	rVB2	25877	38747	1.36%	0.090%
5	4.834	363	365	369	rVB4	3748	4196	0.15%	0.010%
6	5.205	425	428	432	rVB4	7447	8156	0.29%	0.019%
7	5.833	533	535	539	rVB2	4478	4426	0.16%	0.010%
8	6.597	659	665	670	rBV6	6629	10037	0.35%	0.023%
9	6.767	688	694	702	rBV2	126092	193882	6.83%	0.451%
10	6.938	714	723	730	rBV	290044	453509	15.97%	1.055%
11	6.991	730	732	734	rVV3	3763	3673	0.13%	0.009%
12	7.126	748	755	758	rBV	348472	594217	20.92%	1.382%
13	7.155	758	760	769	rVB	373777	538899	18.97%	1.253%
14	7.590	828	834	842	rVB	260788	423318	14.90%	0.984%
15	7.661	842	846	850	rVB4	6711	10266	0.36%	0.024%
16	7.825	869	874	881	rBV2	15389	27754	0.98%	0.065%
17	8.078	913	917	922	rBV4	4208	6280	0.22%	0.015%
18	8.136	922	927	932	rVV3	11157	19294	0.68%	0.045%
19	8.301	945	955	962	rBV	325378	530263	18.67%	1.233%
20	8.413	969	974	980	rVB2	17535	28141	0.99%	0.065%
21	8.477	980	985	987	rBV4	5227	7985	0.28%	0.019%
22	8.665	1010	1017	1024	rBV	386441	634328	22.33%	1.475%
23	8.748	1024	1031	1034	rVV	335093	569517	20.05%	1.324%
24	8.789	1034	1038	1049	rVV	429159	681952	24.01%	1.586%
25	8.859	1049	1050	1054	rVB4	4462	5495	0.19%	0.013%
26	9.306	1125	1126	1132	rVB4	5173	5787	0.20%	0.013%
27	9.464	1145	1153	1160	rBV	286016	465077	16.37%	1.081%
28	9.999	1236	1244	1251	rBV	434611	733206	25.81%	1.705%
29	10.375	1300	1308	1312	rBV	389195	658363	23.18%	1.531%
30	10.422	1312	1316	1324	rVB	374851	614103	21.62%	1.428%
31	10.516	1326	1332	1334	rBV	31074	51553	1.82%	0.120%
32	10.716	1358	1366	1373	rBV	539568	866067	30.49%	2.014%
33	11.198	1445	1448	1455	rBV4	2134	3994	0.14%	0.009%
34	12.596	1684	1686	1689	rVB4	3843	3830	0.13%	0.009%

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35	12.860	1728	1731	1734	rVB4	3921	4499	0.16%	0.010%
36	13.078	1763	1768	1773	rVB5	4498	6505	0.23%	0.015%
37	13.254	1793	1798	1800	rVB4	2973	4386	0.15%	0.010%
38	13.671	1859	1869	1873	rBV	863566	1231619	43.36%	2.864%
39	13.718	1873	1877	1884	rVB	499413	691167	24.33%	1.607%
40	13.836	1890	1897	1904	rVV	396795	530735	18.69%	1.234%
41	13.941	1908	1915	1918	rBV	955819	1544153	54.37%	3.591%
42	13.971	1918	1920	1927	rVB	596226	707687	24.92%	1.646%
43	14.147	1944	1950	1957	rBV3	4970	9156	0.32%	0.021%
44	14.253	1961	1968	1974	rVV2	588349	893581	31.46%	2.078%
45	14.317	1974	1979	1982	rVV3	24187	36570	1.29%	0.085%
46	14.382	1985	1990	1991	rBV3	3642	3975	0.14%	0.009%
47	14.458	1995	2003	2013	rBV	138514	221188	7.79%	0.514%
48	14.652	2030	2036	2045	rVV	724978	1015066	35.74%	2.360%
49	15.252	2131	2138	2145	rBV	1306869	1778014	62.60%	4.134%
50	15.375	2152	2159	2166	rBV	393591	539689	19.00%	1.255%
51	15.457	2169	2173	2177	rBV5	8957	18037	0.64%	0.042%
52	15.904	2245	2249	2253	rBV4	11921	16806	0.59%	0.039%
53	16.104	2277	2283	2288	rBV5	2151	3936	0.14%	0.009%
54	16.203	2293	2300	2304	rVV	1124380	1544796	54.39%	3.592%
55	16.245	2304	2307	2313	rVV	725023	950513	33.46%	2.210%
56	16.309	2313	2318	2324	rVB	497509	668513	23.54%	1.554%
57	16.762	2388	2395	2400	rBV	1282939	1769809	62.31%	4.115%
58	16.826	2400	2406	2413	rVB	1277899	1776680	62.55%	4.131%
59	17.008	2430	2437	2440	rBV2	761846	1111851	39.15%	2.585%
60	17.050	2440	2444	2448	rVV	817525	1140899	40.17%	2.653%
61	17.102	2448	2453	2464	rVB	1433268	2026438	71.35%	4.712%
62	17.208	2469	2471	2474	rVB2	5271	4088	0.14%	0.010%
63	17.990	2598	2604	2608	rBV	6503	8107	0.29%	0.019%
64	18.307	2652	2658	2668	rVV	1209116	1449547	51.03%	3.371%
65	18.601	2704	2708	2712	rVV4	13976	16361	0.58%	0.038%
66	19.035	2775	2782	2786	rBV4	11766	18748	0.66%	0.044%
67	19.300	2823	2827	2830	rBV	14292	17834	0.63%	0.041%
68	19.347	2830	2835	2840	rBV	41979	54352	1.91%	0.126%
69	19.411	2840	2846	2852	rVV	1777868	2362056	83.16%	5.492%
70	19.735	2897	2901	2904	rBV2	2519	3771	0.13%	0.009%
71	19.952	2933	2938	2939	rBV4	2929	4634	0.16%	0.011%

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Integration Parameters: LSCINT.P

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72	20.023	2948	2950	2954	rVB4	3398	3733	0.13%	0.009%
73	20.352	3003	3006	3011	rVB6	5398	4928	0.17%	0.011%
74	20.851	3087	3091	3095	rBV3	11422	14816	0.52%	0.034%
75	20.933	3104	3105	3110	rBV4	3372	3938	0.14%	0.009%
76	21.004	3113	3117	3120	rBV4	12705	16316	0.57%	0.038%
77	21.139	3137	3140	3143	rBV4	7819	8464	0.30%	0.020%
78	21.203	3146	3151	3154	rVV	1013208	1300623	45.79%	3.024%
79	21.245	3154	3158	3169	rVB	2272276	2840335	100.00%	6.605%
80	21.374	3177	3180	3185	rVB6	4290	6811	0.24%	0.016%
81	21.468	3193	3196	3199	rBV3	10708	12347	0.43%	0.029%
82	22.619	3390	3392	3396	rBV5	4433	6100	0.21%	0.014%
83	22.702	3401	3406	3410	rVB7	11669	22277	0.78%	0.052%
84	22.802	3415	3423	3432	rVV	766706	1285310	45.25%	2.989%
85	22.925	3442	3444	3446	rVB2	7844	7002	0.25%	0.016%
86	23.289	3497	3506	3521	rBV2	1213717	2262740	79.66%	5.261%
87	23.430	3523	3530	3537	rVB	668970	1223190	43.06%	2.844%
88	23.659	3567	3569	3573	rVB5	7129	7355	0.26%	0.017%
89	23.977	3621	3623	3624	rBV2	7184	4944	0.17%	0.011%
90	24.224	3663	3665	3669	rBV5	5934	8650	0.30%	0.020%
91	25.804	3930	3934	3935	rBV4	5604	6438	0.23%	0.015%
92	26.856	4111	4113	4116	rVB4	6038	4931	0.17%	0.011%
93	27.020	4139	4141	4143	rBV3	6994	4564	0.16%	0.011%
94	27.326	4191	4193	4196	rVB4	5813	3900	0.14%	0.009%
95	27.884	4286	4288	4289	rBV2	4893	4406	0.16%	0.010%
96	28.654	4417	4419	4421	rBV3	6209	4622	0.16%	0.011%
97	28.865	4453	4455	4457	rBV3	4764	4706	0.17%	0.011%
98	29.024	4480	4482	4484	rVB3	5008	3828	0.13%	0.009%
99	29.194	4509	4511	4515	rVB4	9075	9747	0.34%	0.023%
100	29.229	4515	4517	4521	rBV5	6120	9907	0.35%	0.023%

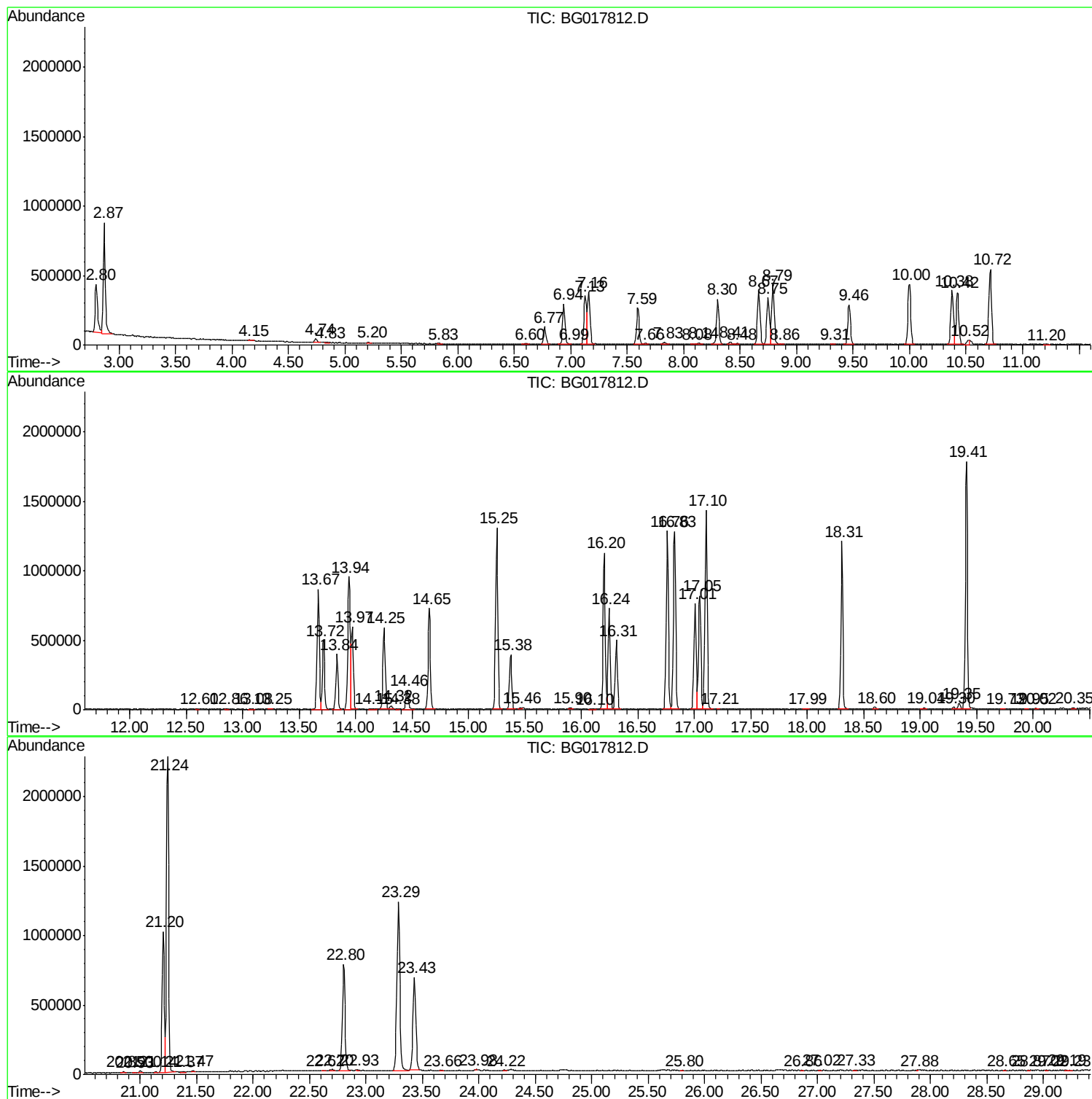
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION

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



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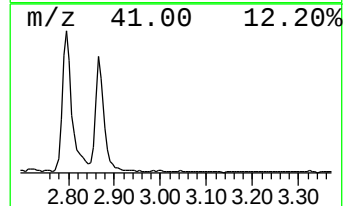
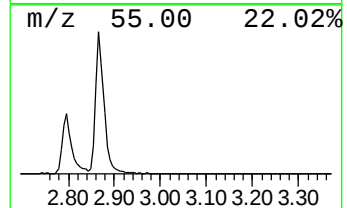
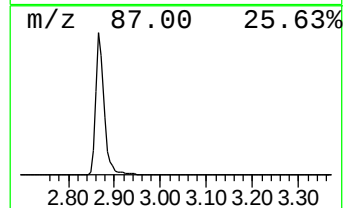
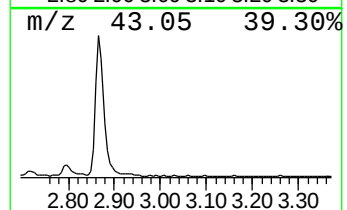
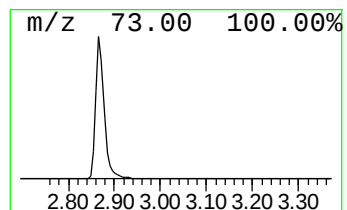
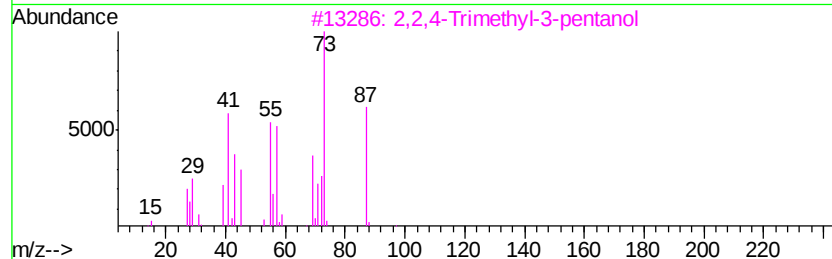
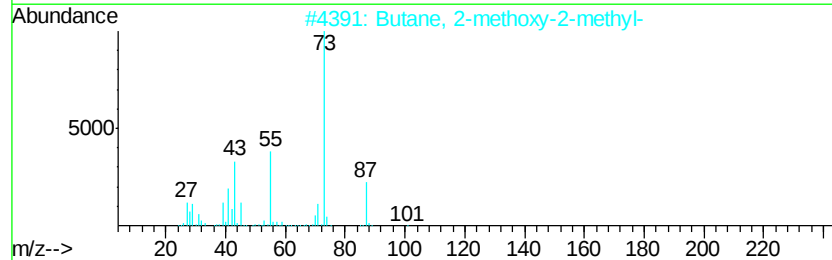
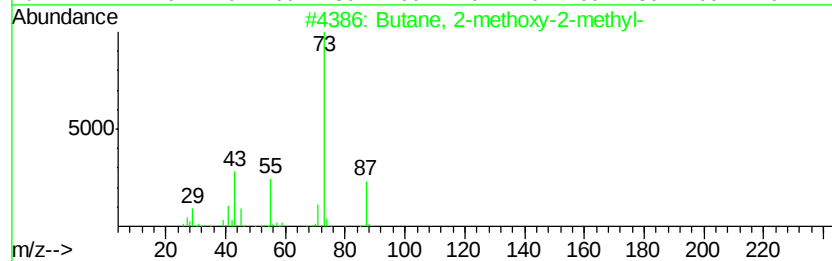
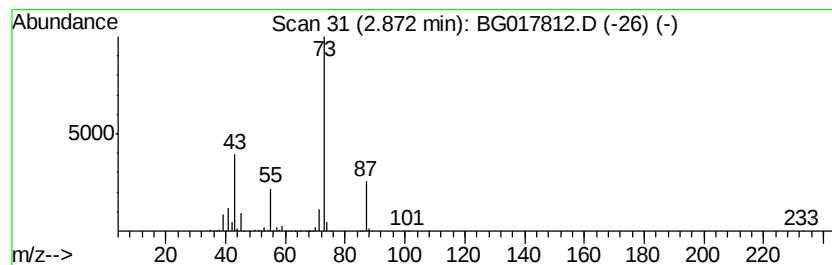
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION

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.
2.87	47.48 ng/ul	1004930	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28



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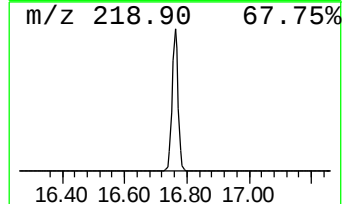
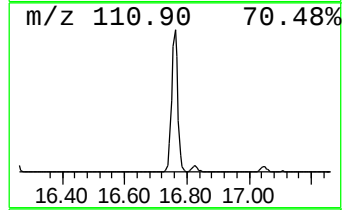
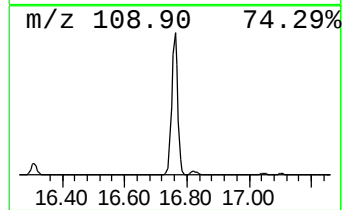
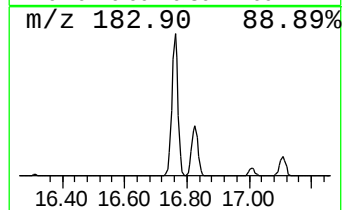
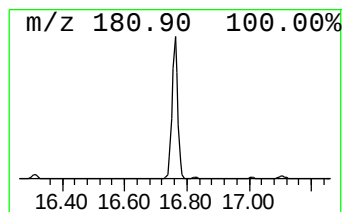
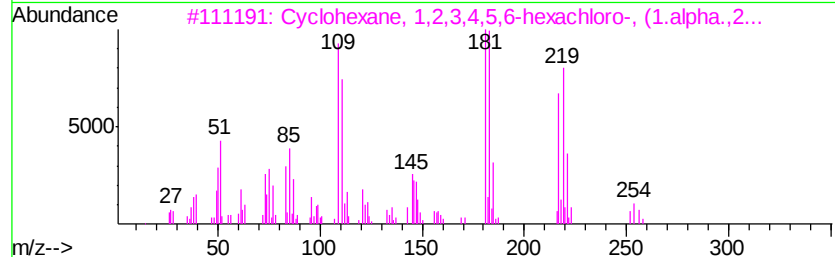
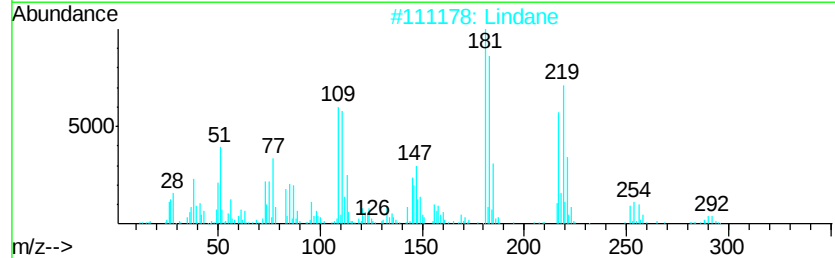
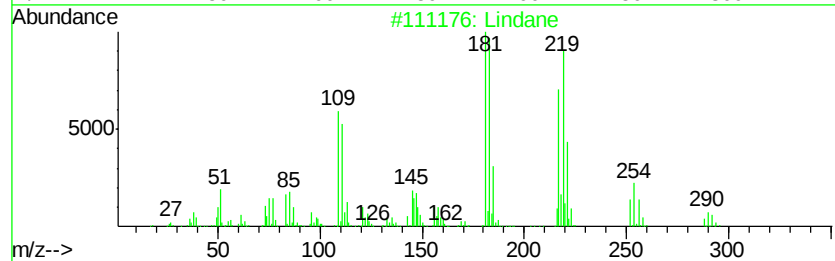
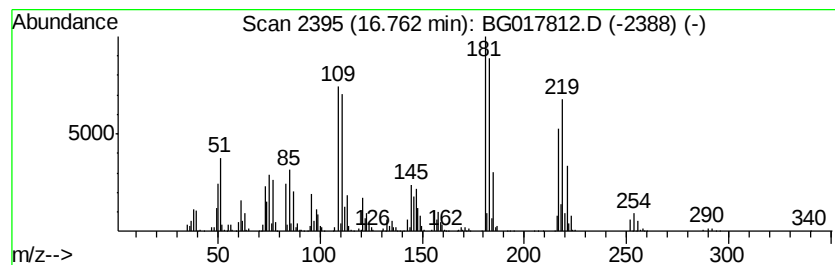
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Lindane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	31.84 ng/ul	1769810	Phenanthrene-d10	17.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lindane	288	C6H6Cl6	000058-89-9	99
2		Lindane	288	C6H6Cl6	000058-89-9	96
3		Cyclohexane, 1,2,3,4,5,6-hexachl...	288	C6H6Cl6	000319-85-7	95
4		Cyclohexane, 1,2,3,4,5,6-hexachl...	288	C6H6Cl6	055963-79-6	94
5		Lindane	288	C6H6Cl6	000058-89-9	94



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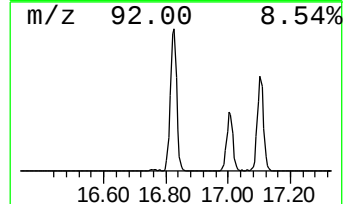
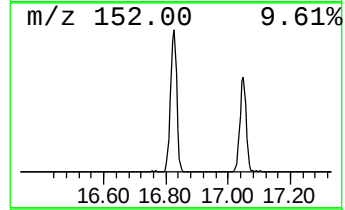
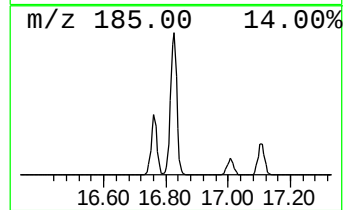
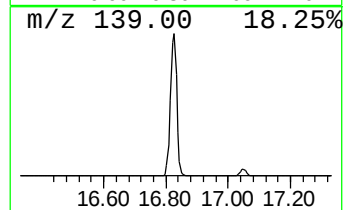
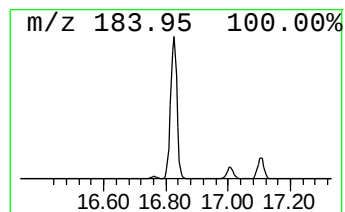
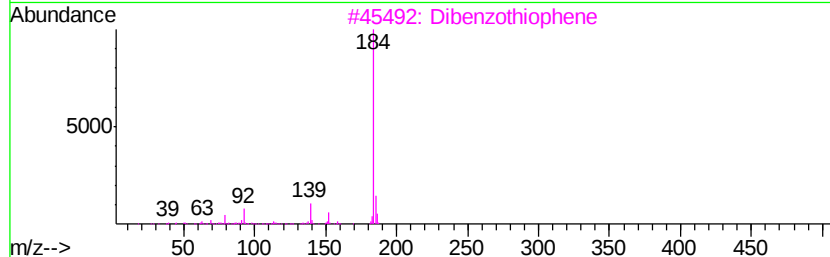
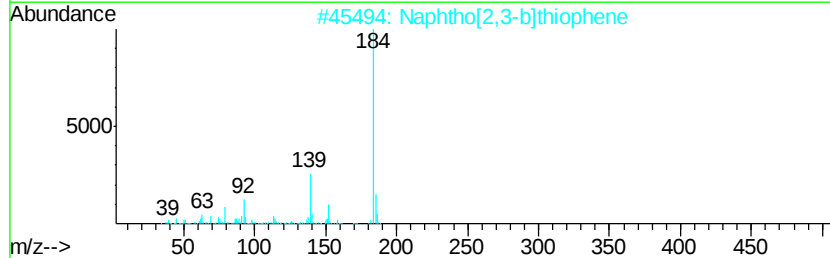
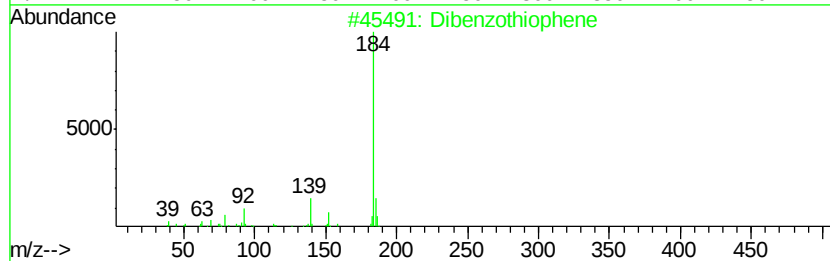
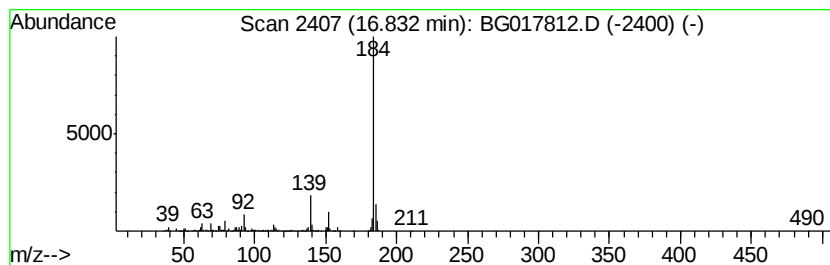
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Dibenzothiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	31.96 ng/ul	1776680	Phenanthrene-d10	17.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene		184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene		184	C12H8S	000268-77-9	95
3	Dibenzothiophene		184	C12H8S	000132-65-0	95
4	Dibenzothiophene		184	C12H8S	000132-65-0	93
5	Dibenzothiophene		184	C12H8S	000132-65-0	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071015\
Data File : BG017812.D
Acq On : 10 Jul 2015 15:27
Operator : TP/UM
Sample : G2928-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X1Y17

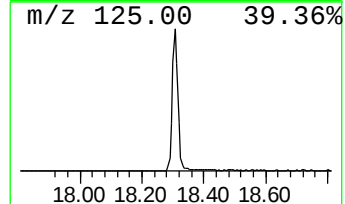
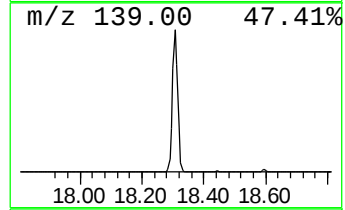
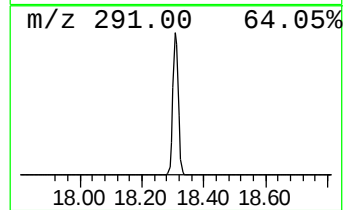
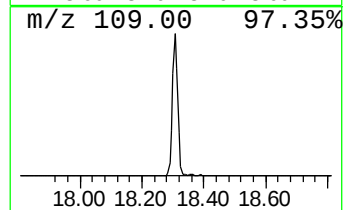
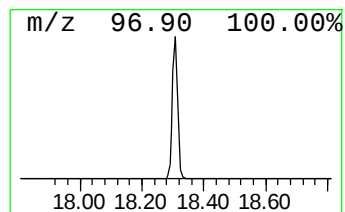
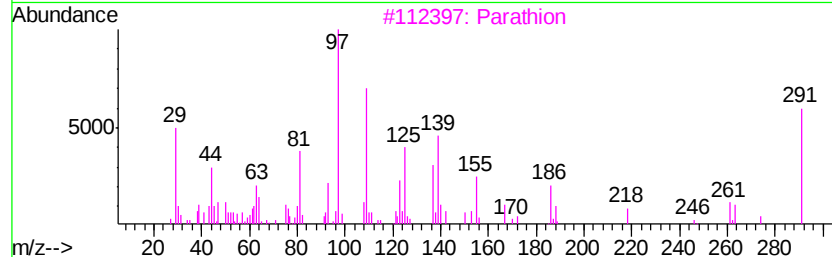
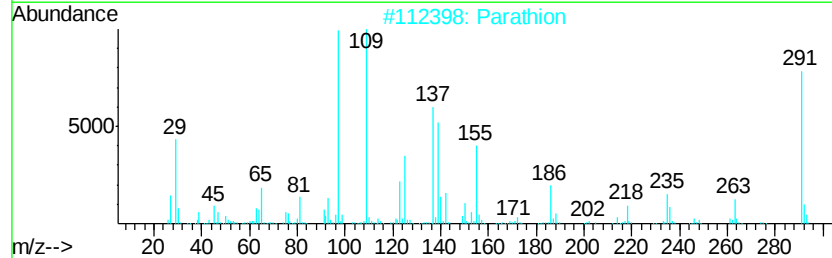
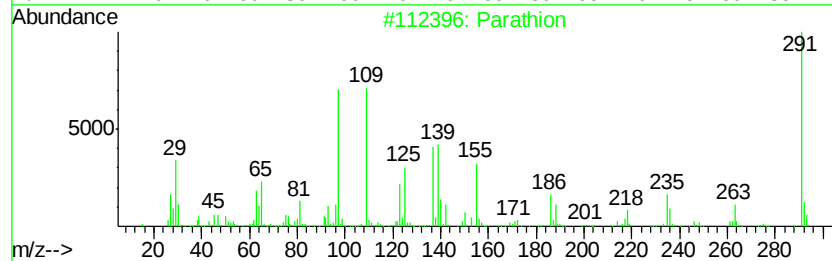
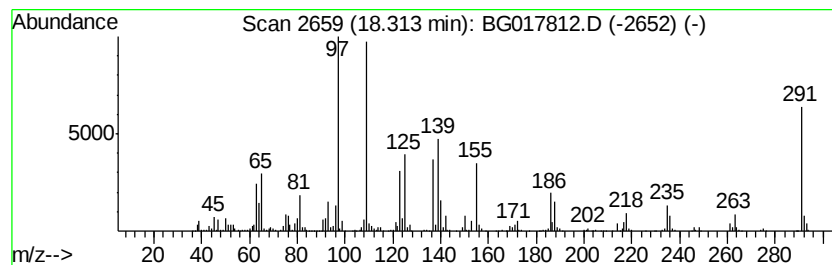
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Parathion Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	26.07 ng/ul	1449550	Phenanthrene-d10	17.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Parathion	291	C10H14N05PS	000056-38-2	94
2		Parathion	291	C10H14N05PS	000056-38-2	93
3		Parathion	291	C10H14N05PS	000056-38-2	64
4		o-Ethyl o-4-methylcyclohexyl met...	220	C10H2103P	1000275-28-4	12
5		o-Ethyl o-3-methylcyclohexyl met...	220	C10H2103P	1000275-28-2	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071015\
Data File : BG017812.D
Acq On : 10 Jul 2015 15:27
Operator : TP/UM
Sample : G2928-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X1Y17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.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...	2.87	47.5	ng/ul	1004930	1	7.59	423318	20.0
Lindane	16.76	31.8	ng/ul	1769810	4	17.01	1111850	20.0
Dibenzothiophene	16.83	32.0	ng/ul	1776680	4	17.01	1111850	20.0
Parathion	18.31	26.1	ng/ul	1449550	4	17.01	1111850	20.0