

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000491.D
 Acq On : 20 Mar 2018 14:27
 Operator : JU/SJ
 Sample : J1905-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM37

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_N\METHODS\SOM-EPA-BN031918.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	3.590	21	26	33	rBV	81781	110572	1.46%	0.075%
2	3.749	50	53	58	rVB3	7298	8897	0.12%	0.006%
3	4.343	150	154	159	rVB	21785	27097	0.36%	0.018%
4	4.419	163	167	171	rBV2	8972	12828	0.17%	0.009%
5	5.178	291	296	303	rBV	15312	23770	0.31%	0.016%
6	5.313	315	319	324	rVB	7162	10472	0.14%	0.007%
7	5.390	327	332	339	rVB5	7403	13490	0.18%	0.009%
8	5.631	369	373	376	rBV	7524	9645	0.13%	0.007%
9	5.672	376	380	385	rVB	8323	12604	0.17%	0.009%
10	5.749	389	393	397	rBV2	12770	18126	0.24%	0.012%
11	6.355	492	496	501	rBV2	10198	16735	0.22%	0.011%
12	6.419	501	507	526	rVV	772776	1163646	15.32%	0.786%
13	6.572	528	533	538	rVB2	6651	13644	0.18%	0.009%
14	6.772	562	567	575	rVB	22177	38221	0.50%	0.026%
15	7.549	691	699	708	rBV	1318551	2133588	28.09%	1.441%
16	7.719	721	728	738	rBV	1108020	1769612	23.30%	1.196%
17	7.813	738	744	752	rVB	680774	1056021	13.90%	0.713%
18	7.937	758	765	773	rBV	1312247	2134019	28.10%	1.442%
19	8.007	773	777	782	rVB	29373	42349	0.56%	0.029%
20	8.302	820	827	835	rBV	1800374	2964954	39.04%	2.003%
21	8.419	840	847	856	rVB	963963	1616740	21.29%	1.092%
22	8.631	879	883	888	rVB2	6373	9590	0.13%	0.006%
23	8.878	916	925	928	rBV3	20733	39045	0.51%	0.026%
24	8.943	928	936	941	rVV2	396149	1015165	13.37%	0.686%
25	8.996	941	945	952	rVB	254050	402216	5.30%	0.272%
26	9.119	959	966	971	rBV	1679563	2833191	37.30%	1.914%
27	9.178	971	976	993	rVB	2483603	4176574	54.99%	2.822%
28	9.519	1026	1034	1041	rBV	2193927	3662354	48.22%	2.474%
29	9.601	1041	1048	1051	rVV	1194638	2106594	27.74%	1.423%
30	9.643	1051	1055	1062	rVB	767277	1269822	16.72%	0.858%
31	10.325	1164	1171	1174	rBV	982555	1849123	24.35%	1.249%
32	10.360	1174	1177	1180	rVV	1264630	1976192	26.02%	1.335%
33	10.401	1180	1184	1203	rVB	1585109	2691510	35.44%	1.818%
34	10.637	1216	1224	1234	rBV	866674	1350549	17.78%	0.912%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN032018\
 Data File : BN000491.D
 Acq On : 20 Mar 2018 14:27
 Operator : JU/SJ
 Sample : J1905-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM37

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_N\METHODS\SOM-EPA-BN031918.M
 Title : SVOA CALIBRATION

35	10.866	1255	1263	1266	rBV	1575392	3064190	40.35%	2.070%
36	11.113	1298	1305	1315	rVB	1435654	2389417	31.46%	1.614%
37	11.254	1321	1329	1337	rBV	1393826	2389783	31.47%	1.615%
38	11.407	1343	1355	1368	rBV2	3001241	7594814	100.00%	5.131%
39	11.637	1389	1394	1402	rVB	8754	13834	0.18%	0.009%
40	12.254	1490	1499	1524	rBV	2352991	4086497	53.81%	2.761%
41	12.637	1558	1564	1569	rBV2	23494	33589	0.44%	0.023%
42	12.690	1569	1573	1579	rVB2	6036	8004	0.11%	0.005%
43	12.813	1586	1594	1599	rVB2	28570	46262	0.61%	0.031%
44	12.890	1599	1607	1615	rVB	2319227	3587942	47.24%	2.424%
45	13.007	1622	1627	1633	rBV	59085	104730	1.38%	0.071%
46	13.107	1633	1644	1652	rVV	78801	193264	2.54%	0.131%
47	13.219	1656	1663	1669	rVB2	1949897	2880928	37.93%	1.946%
48	13.478	1701	1707	1719	rBV	1100950	1645954	21.67%	1.112%
49	13.925	1776	1783	1790	rVB	1312377	1950959	25.69%	1.318%
50	14.125	1807	1817	1823	rBV	2776049	4238659	55.81%	2.864%
51	14.425	1861	1868	1872	rBV	2395157	3430041	45.16%	2.317%
52	14.472	1872	1876	1886	rVB	2379655	3207415	42.23%	2.167%
53	14.601	1892	1898	1904	rBV	784440	1076019	14.17%	0.727%
54	14.736	1913	1921	1929	rBV	2991511	4520096	59.52%	3.054%
55	14.936	1947	1955	1963	rBV	2681942	4056662	53.41%	2.741%
56	15.036	1965	1972	1981	rVB2	1848031	2811253	37.02%	1.899%
57	15.142	1984	1990	1996	rBV	1583768	2262037	29.78%	1.528%
58	15.231	1996	2005	2016	rVV3	2555953	5142248	67.71%	3.474%
59	15.307	2016	2018	2024	rVV5	21798	36798	0.48%	0.025%
60	15.383	2028	2031	2037	rVV6	5428	9398	0.12%	0.006%
61	15.448	2037	2042	2046	rVB	34188	46347	0.61%	0.031%
62	15.654	2074	2077	2082	rVB3	11748	14047	0.18%	0.009%
63	15.789	2096	2100	2103	rBV	17404	24790	0.33%	0.017%
64	16.019	2132	2139	2142	rBV	3344033	5065683	66.70%	3.422%
65	16.054	2142	2145	2147	rVV	1248219	1718904	22.63%	1.161%
66	16.089	2147	2151	2155	rVV	1614591	2492502	32.82%	1.684%
67	16.148	2155	2161	2175	rVV2	2420927	4469680	58.85%	3.020%
68	16.254	2175	2179	2184	rVB	42657	59791	0.79%	0.040%
69	16.648	2241	2246	2251	rVB	46108	59647	0.79%	0.040%
70	16.942	2290	2296	2302	rBV	4039611	5590208	73.61%	3.777%
71	17.548	2394	2399	2405	rBV2	7812	9940	0.13%	0.007%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000491.D
 Acq On : 20 Mar 2018 14:27
 Operator : JU/SJ
 Sample : J1905-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM37

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_N\METHODS\SOM-EPA-BN031918.M
 Title : SVOA CALIBRATION

72	17.760	2429	2435	2442	rBV2	1917643	2764645	36.40%	1.868%
73	17.860	2445	2452	2463	rVV2	3470313	4856697	63.95%	3.281%
74	18.289	2520	2525	2531	rBV	352150	416614	5.49%	0.281%
75	18.348	2532	2535	2538	rVV2	13090	16740	0.22%	0.011%
76	18.719	2592	2598	2603	rVB	1874435	2267899	29.86%	1.532%
77	19.301	2689	2697	2702	rVB2	44551	60990	0.80%	0.041%
78	19.748	2769	2773	2777	rBV	34597	43964	0.58%	0.030%
79	20.001	2811	2816	2821	rVB	25851	34774	0.46%	0.023%
80	20.113	2829	2835	2843	rBV	3496041	4914902	64.71%	3.321%
81	20.319	2866	2870	2874	rBV	71050	83435	1.10%	0.056%
82	20.724	2936	2939	2943	rBV	23323	26198	0.34%	0.018%
83	20.777	2945	2948	2952	rBV	15873	17292	0.23%	0.012%
84	21.160	3008	3013	3018	rVB	3384984	3945030	51.94%	2.665%
85	21.783	3114	3119	3130	rBV	1918865	2336995	30.77%	1.579%
86	21.883	3130	3136	3146	rVV	1907164	2465521	32.46%	1.666%
87	23.530	3412	3416	3424	rVB3	75574	115740	1.52%	0.078%
88	24.207	3519	3531	3540	rBV2	1998390	4355522	57.35%	2.943%
89	24.365	3550	3558	3567	rVB	1083464	2247954	29.60%	1.519%
90	24.889	3643	3647	3654	rVB	66696	130778	1.72%	0.088%

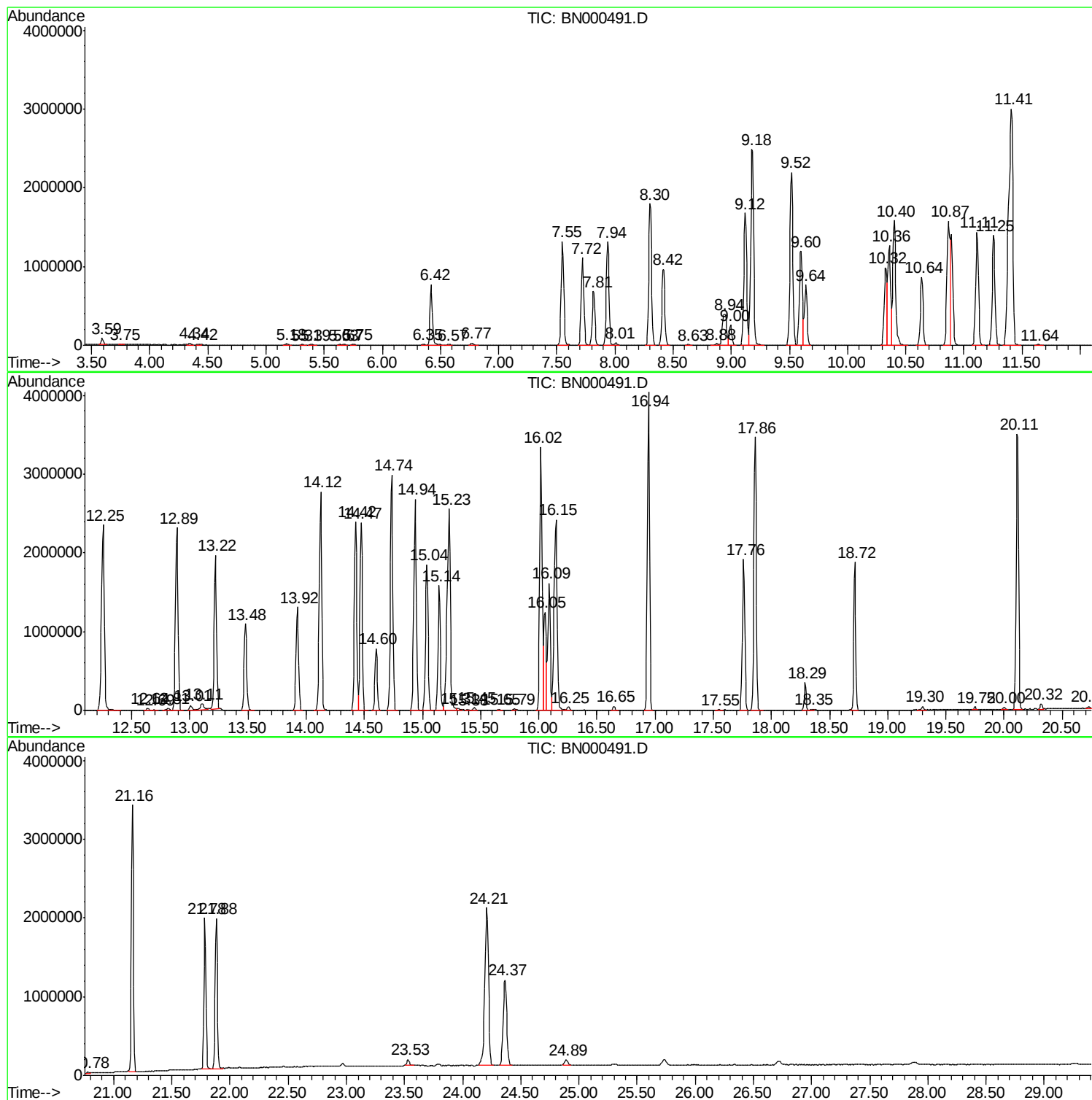
Sum of corrected areas: 148012977

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000491.D
Acq On : 20 Mar 2018 14:27
Operator : JU/SJ
Sample : J1905-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DAM37

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000491.D
Acq On : 20 Mar 2018 14:27
Operator : JU/SJ
Sample : J1905-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM37

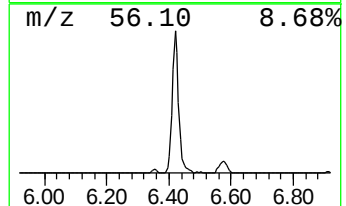
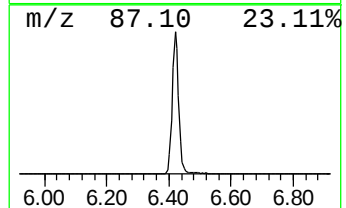
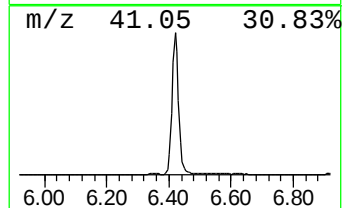
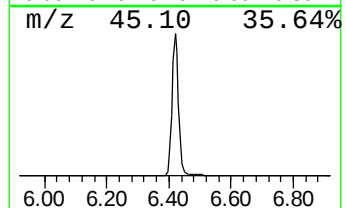
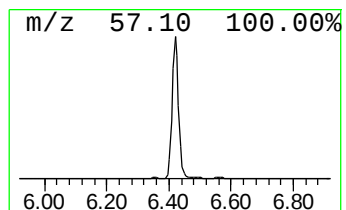
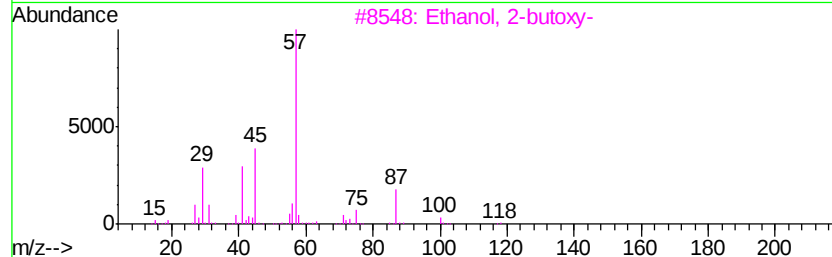
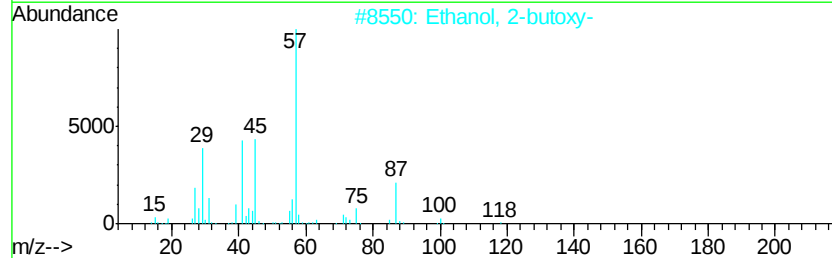
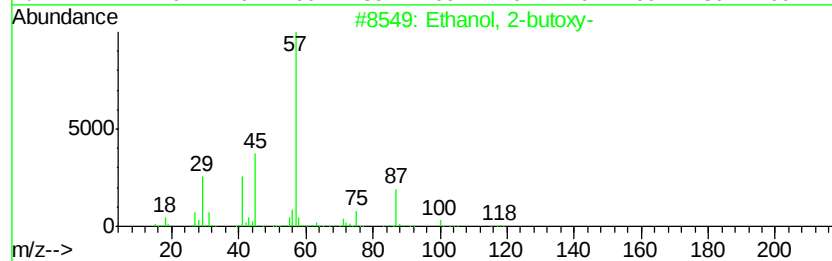
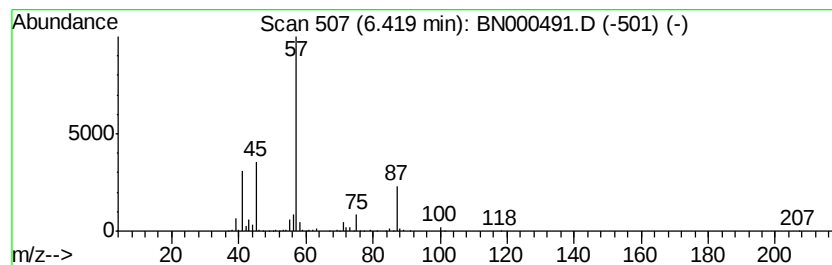
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	14.40 ng/ul	1163650	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
3		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	64
4		Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	43
5		n-Butyl ether	130	C8H18O	000142-96-1	43



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000491.D
Acq On : 20 Mar 2018 14:27
Operator : JU/SJ
Sample : J1905-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM37

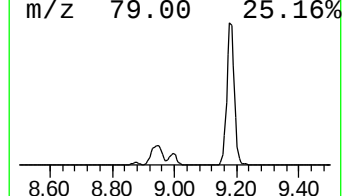
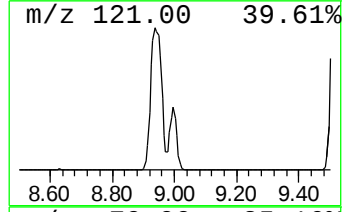
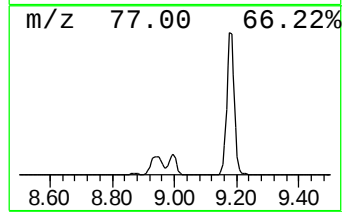
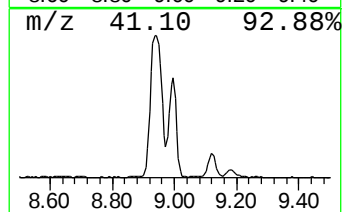
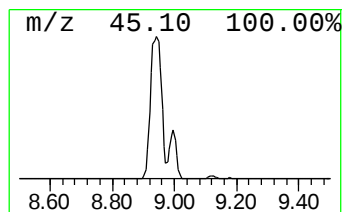
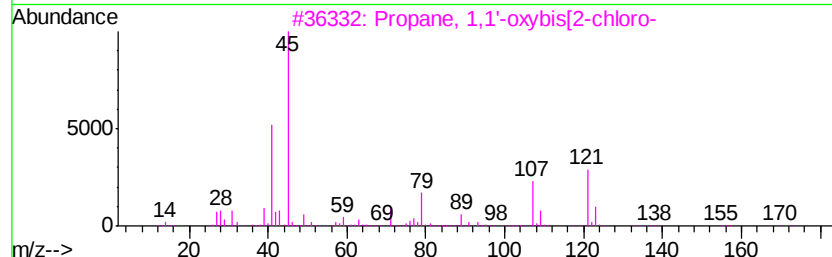
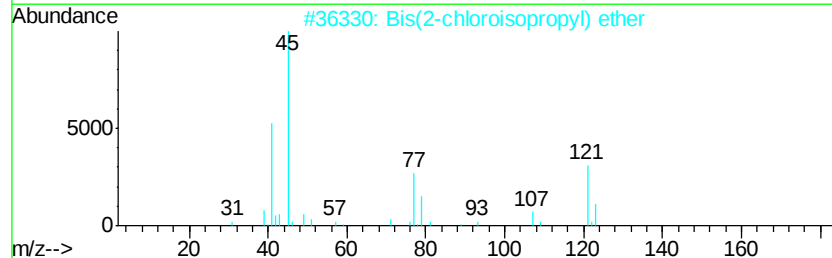
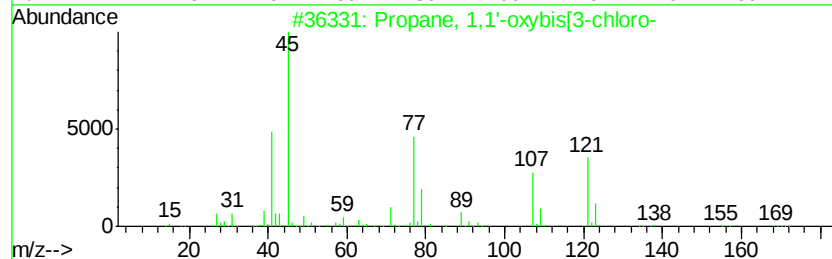
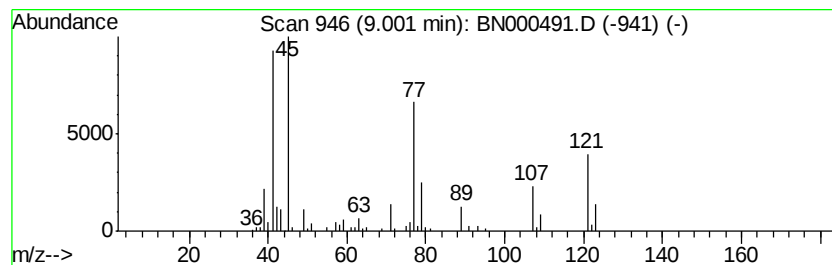
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Propane, 1,1'-oxybis[3-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	4.98 ng/ul	402216	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1'-oxybis[3-chloro-	170	C6H12Cl2O	000629-36-7	90
2		Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	78
3		Propane, 1,1'-oxybis[2-chloro-	170	C6H12Cl2O	054460-96-7	72
4		Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	45
5		Propane, 2-chloro-2-nitro-	123	C3H6ClNO2	000594-71-8	37



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000491.D
Acq On : 20 Mar 2018 14:27
Operator : JU/SJ
Sample : J1905-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM37

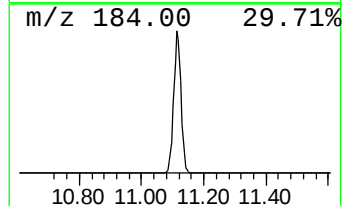
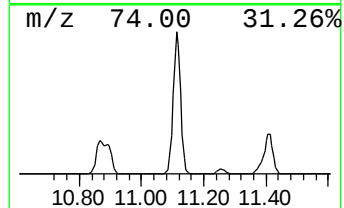
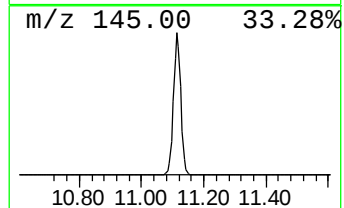
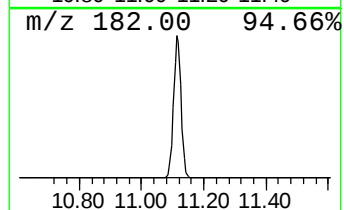
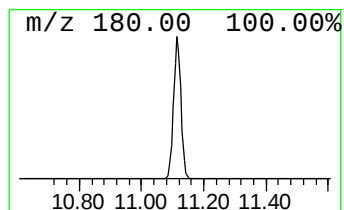
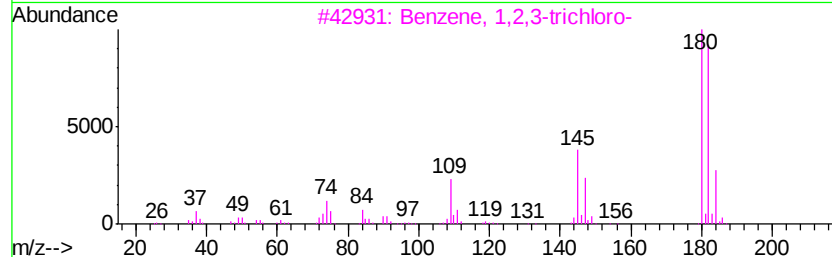
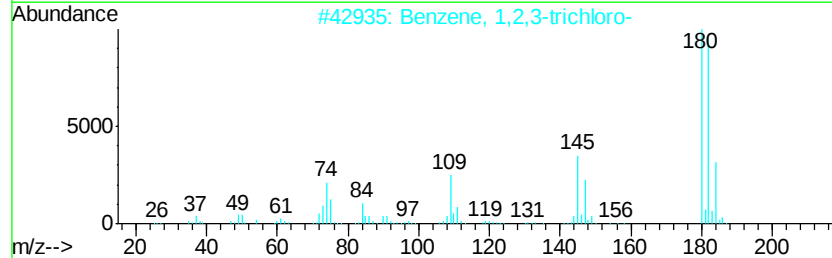
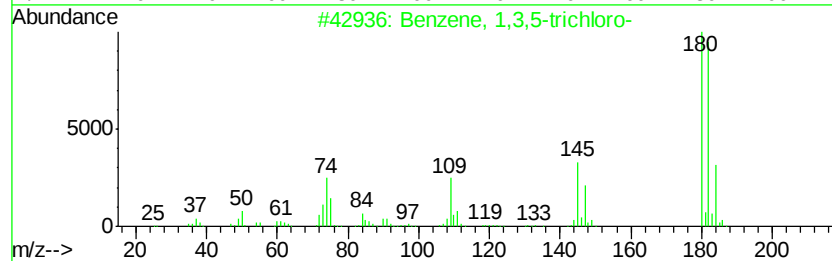
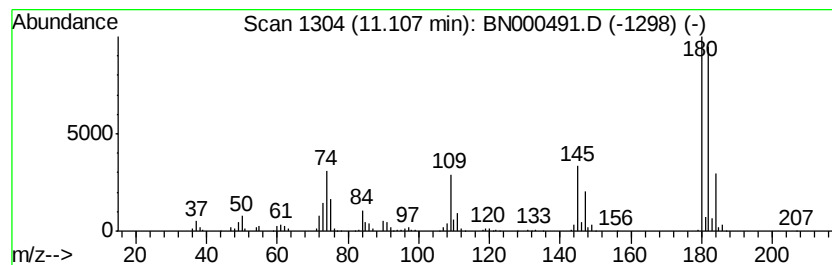
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1,3,5-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	20.00 ng/ul	2389420	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000491.D
Acq On : 20 Mar 2018 14:27
Operator : JU/SJ
Sample : J1905-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM37

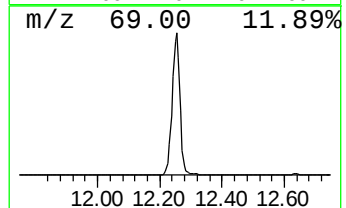
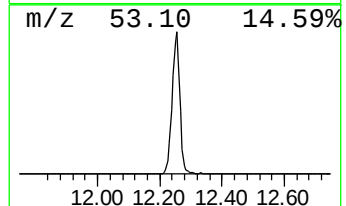
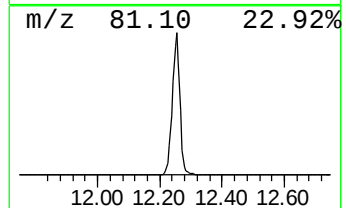
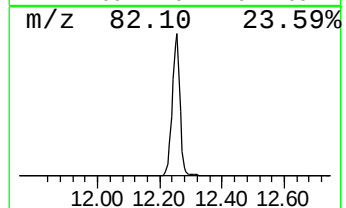
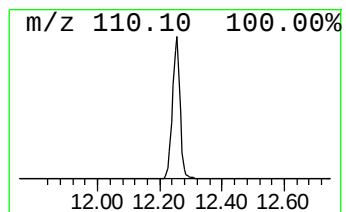
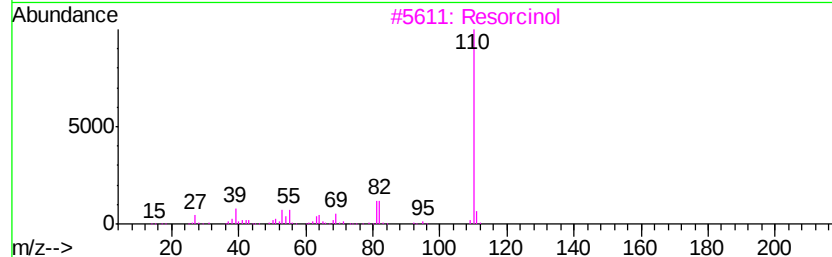
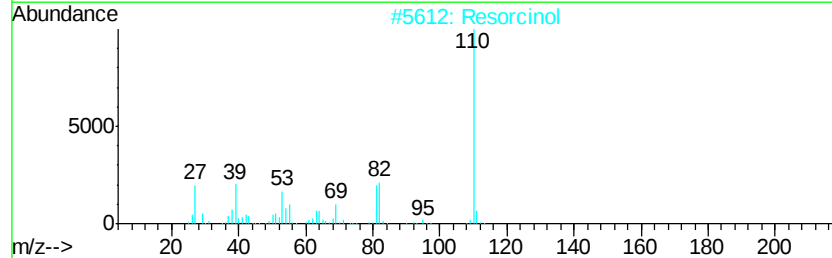
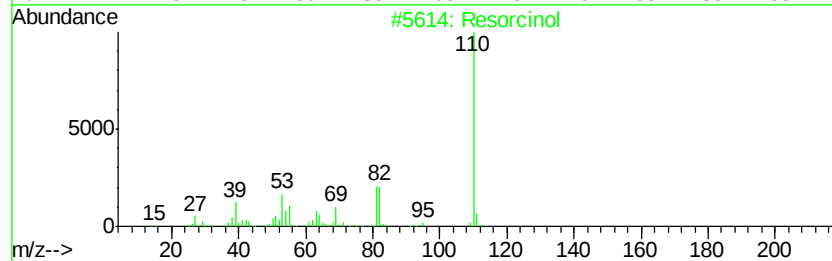
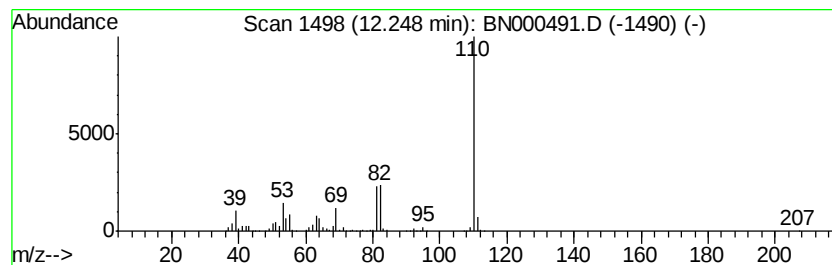
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Resorcinol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	34.20 ng/ul	4086500	Napthalene-d8	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol		110	C6H6O2	000108-46-3	97
2	Resorcinol		110	C6H6O2	000108-46-3	94
3	Resorcinol		110	C6H6O2	000108-46-3	91
4	Resorcinol		110	C6H6O2	000108-46-3	91
5	1,3-Benzenediol, 4,4'-thiobis-		250	C12H10O4S	000097-29-0	83



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000491.D
Acq On : 20 Mar 2018 14:27
Operator : JU/SJ
Sample : J1905-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM37

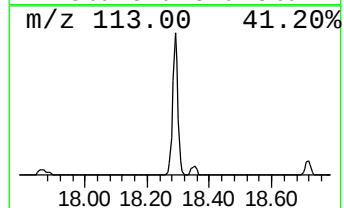
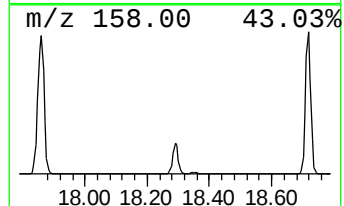
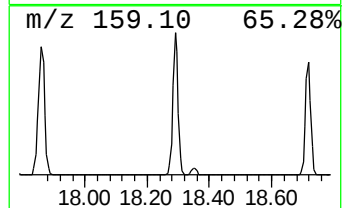
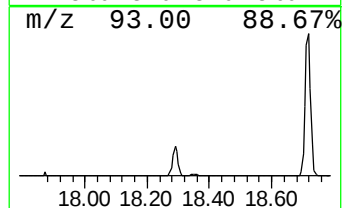
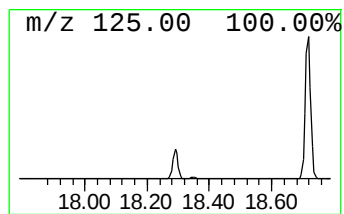
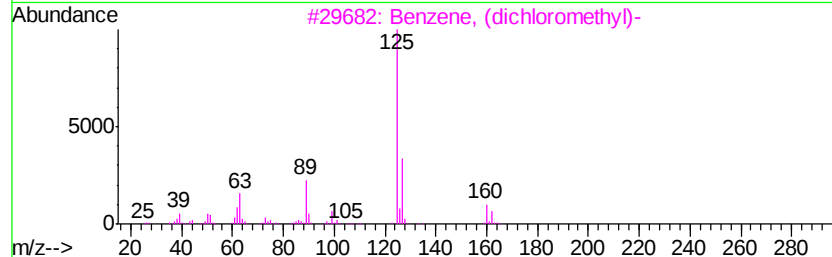
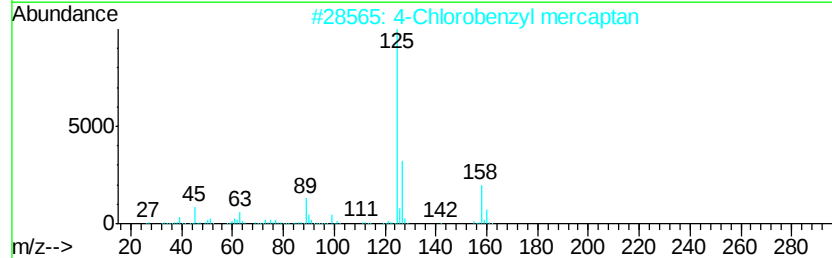
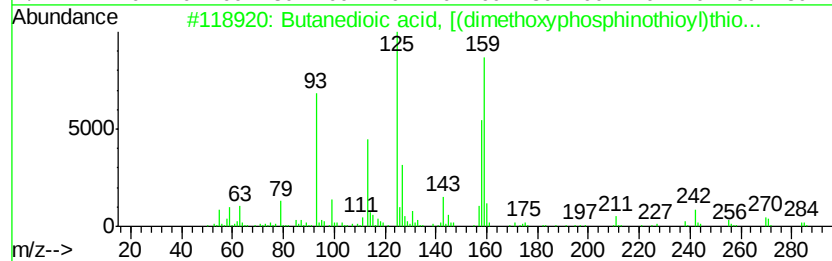
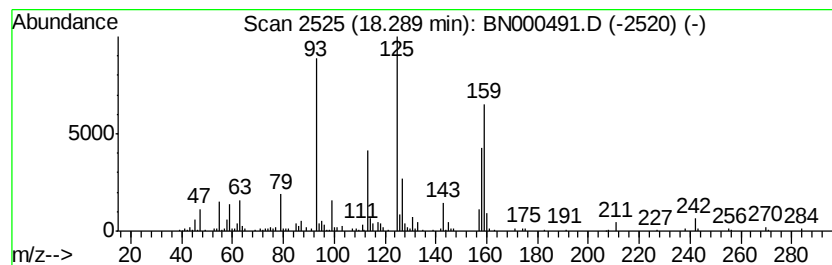
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Butanedioic acid, [(dimetho... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	3.01 ng/ul	416614	Phenanthrene-d10	17.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanedioic acid, [(dimethoxypho...	302	C8H15O6PS2	001190-29-0	91	
2	4-Chlorobenzyl mercaptan	158	C7H7ClS	006258-66-8	22	
3	Benzene, (dichloromethyl)-	160	C7H6Cl2	000098-87-3	18	
4	Benzene, (dichloromethyl)-	160	C7H6Cl2	000098-87-3	18	
5	2-Chlorobenzyl mercaptan	158	C7H7ClS	017733-22-1	16	



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000491.D
Acq On : 20 Mar 2018 14:27
Operator : JU/SJ
Sample : J1905-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM37

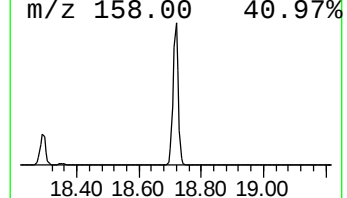
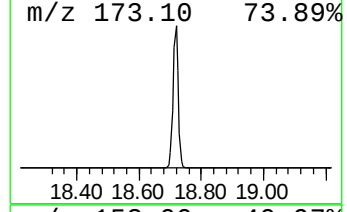
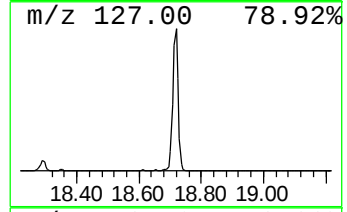
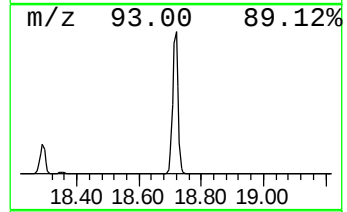
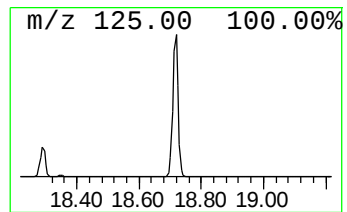
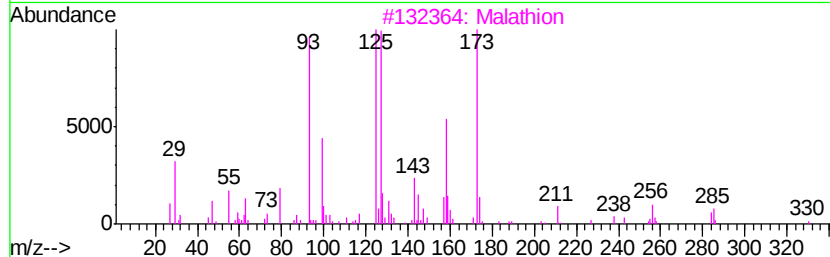
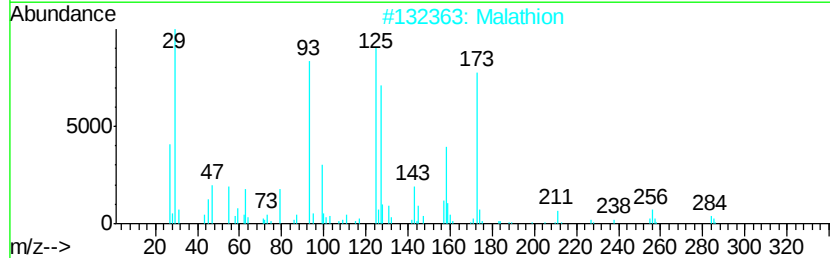
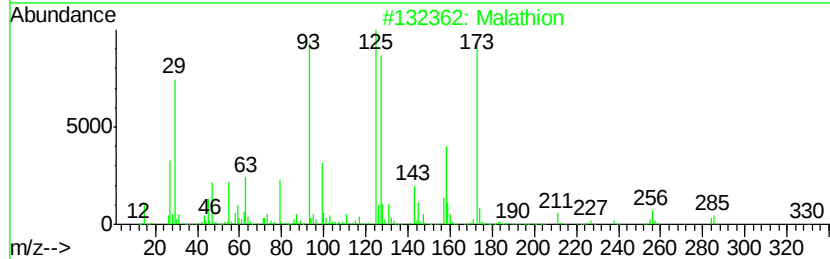
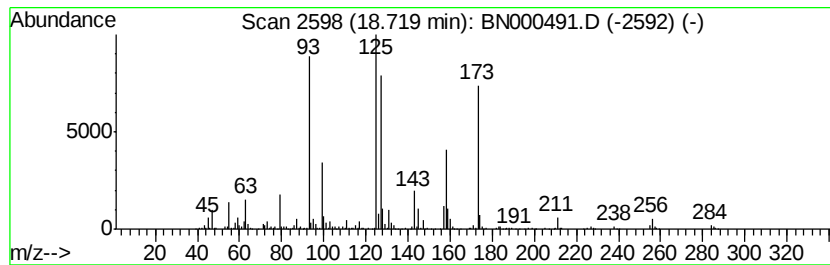
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Malathion Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	16.41 ng/ul	2267900	Phenanthrene-d10	17.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Malathion		330	C10H19O6PS2	000121-75-5	91
2	Malathion		330	C10H19O6PS2	000121-75-5	91
3	Malathion		330	C10H19O6PS2	000121-75-5	87
4	Butanedioic acid, [(dimethoxypho...		302	C8H15O6PS2	001190-29-0	32
5	Malathion		330	C10H19O6PS2	000121-75-5	30



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN032018\
Data File : BN000491.D
Acq On : 20 Mar 2018 14:27
Operator : JU/SJ
Sample : J1905-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM37

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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
Ethanol, 2-butoxy-	6.42	14.4	ng/ul	1163650	1	8.42	1616740	20.0
Propane, 1,1'-oxy...	9.00	5.0	ng/ul	402216	1	8.42	1616740	20.0
Benzene, 1,3,5-tr...	11.11	20.0	ng/ul	2389420	2	11.25	2389780	20.0
Resorcinol	12.25	34.2	ng/ul	4086500	2	11.25	2389780	20.0
Butanedioic acid,...	18.29	3.0	ng/ul	416614	4	17.76	2764650	20.0
Malathion	18.72	16.4	ng/ul	2267900	4	17.76	2764650	20.0