LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.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	3.352	25	28	38	rVB	77749	119722	1.49%	0.118%
2	4.046	143	146	154	rVB	79611	119471	1.49%	0.118%
3	4.481	216	220	231	rVB	101255	164141	2.04%	0.162%
4	6.816	613	617	622	rVV	78459	132837	1.65%	0.131%
5	6.881	624	628	633	rVB	49317	75506	0.94%	0.074%
6	6.993	640	647	661	rVB2	223622	489962	6.10%	0.483%
7	7.158	668	675	683	rBV	605790	1021811	12.73%	1.007%
8	7.358	698	709	716	rBV	704484	1216473	15.15%	1.199%
9	7.646	753	758	763	rBV	62559	99617	1.24%	0.098%
10	7.822	779	788	795	rBV	982495	1603574	19.97%	1.581%
11	7.893	795	800	805	rVV2	43656	85903	1.07%	0.085%
12	7.963	805	812	821	rVB	1651582	2544172	31.69%	2.508%
13	8.134	831	841	845	rBV6	44327	87567	1.09%	0.086%
14	8.199	846	852	860	rVB	97525	174504	2.17%	0.172%
15	8.469	892	898	902	rVV2	47227	78351	0.98%	0.077%
16	8.528	902	908	916	rVV	616782	1020328	12.71%	1.006%
17	8.758	942	947	950	rVV2	42575	70991	0.88%	0.070%
18	8.805	950	955	963	rVB	256213	416770	5.19%	0.411%
19	8.928	970	976	979	rBV4	60072	98429	1.23%	0.097%
20	8.981	979	985	993	rVV	729385	1285300	16.01%	1.267%
21	9.063	993	999	1010	rVB	2531988	4100396	51.07%	4.042%
22	9.334	1039	1045	1050	rBV2	65741	119988	1.49%	0.118%
23	9.416	1055	1059	1071	rVB5	45551	108672	1.35%	0.107%
24	9.534	1071	1079	1082	rBV6	33210	72440	0.90%	0.071%
25	9.569	1082	1085	1092	rVB6	35616	76044	0.95%	0.075%
26	9.699	1101	1107	1113	rBV	654614	1146435	14.28%	1.130%
27	9.752	1113	1116	1121	rVB3	78304	119829	1.49%	0.118%
28	9.852	1121	1133	1137	rBV2	128327	318626	3.97%	0.314%
29	9.987	1150	1156	1159	rBV	1593199	2460529	30.65%	2.426%
30	10.034	1159	1164	1172	rVB	4695938	8028755	100.00%	7.915%
31	10.105	1172	1176	1179	rBV3	45907	67950	0.85%	0.067%
32	10.163	1179	1186	1193	rVB	587836	1105846	13.77%	1.090%
33	10.240	1193	1199	1216	rVB	1275078	2290345	28.53%	2.258%
34	10.399	1219	1226	1235	rBV4	73243	192604	2.40%	0.190%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Title : SVOA CALIBRATION

35	10.528	1243	1248	1256	rVB5	61763	114670	1.43%	0.113%
36	10.616	1256	1263	1269	rBV	1325815	2354920	29.33%	2.321%
37	10.669	1269	1272	1278	rVB	176834	278744	3.47%	0.275%
38	10.752	1278	1286	1301	rVB	922181	1855870	23.12%	1.830%
39	10.869	1301	1306	1312	rBV	88705	168275	2.10%	0.166%
40	10.975	1318	1324	1331	rBV	513743	869915	10.83%	0.858%
41	11.163	1351	1356	1360	rBV3	56014	97818	1.22%	0.096%
42	11.205	1360	1363	1372	rVB8	32096	69779	0.87%	0.069%
43	11.452	1396	1405	1411	rVB6	69899	168153	2.09%	0.166%
44	11.963	1484	1492	1498	rBV	227615	421737	5.25%	0.416%
45	12.075	1506	1511	1514	rBV	59776	95878	1.19%	0.095%
46	12.122	1514	1519	1524	rVV3	95394	178098	2.22%	0.176%
47	12.187	1524	1530	1534	rVV6	40868	105644	1.32%	0.104%
48	12.228	1534	1537	1544	rVV7	62456	175078	2.18%	0.173%
49	12.287	1544	1547	1550	rVV	55136	93220	1.16%	0.092%
50	12.334	1551	1555	1561	rVV4	84504	164095	2.04%	0.162%
51	12.504	1579	1584	1588	rVB3	96158	145722	1.82%	0.144%
52	12.616	1598	1603	1608	rBV	130335	200547	2.50%	0.198%
53	12.722	1615	1621	1630	rVB4	90717	195200	2.43%	0.192%
54	12.975	1660	1664	1672	rVB7	40731	70493	0.88%	0.069%
55	13.181	1694	1699	1707	rVB3	89572	174873	2.18%	0.172%
56	13.269	1708	1714	1718	rBV5	43081	89738	1.12%	0.088%
57	13.334	1718	1725	1729	rBV6	63227	136355	1.70%	0.134%
58	13.416	1734	1739	1746	rVB5	84598	143406	1.79%	0.141%
59	13.522	1750	1757	1763	rBV6	67044	136212	1.70%	0.134%
60	13.728	1789	1792	1797	rVB3	55606	85144	1.06%	0.084%
61	13.793	1798	1803	1807	rBV6	43443	86780	1.08%	0.086%
62	13.875	1812	1817	1822	rVV	1956872	2698924	33.62%	2.661%
63	13.922	1822	1825	1830	rVB	202624	268504	3.34%	0.265%
64	14.028	1837	1843	1847	rBV4	73828	156292	1.95%	0.154%
65	14.163	1857	1866	1880	rVB	2261160	3572819	44.50%	3.522%
66	14.275	1881	1885	1892	rBV2	49450	99633	1.24%	0.098%
67	14.393	1900	1905	1909	rBV4	132111	196726	2.45%	0.194%
68	14.469	1909	1918	1925	rVV	2048734	3260111	40.61%	3.214%
69	14.534	1925	1929	1936	rVB	247011	377503	4.70%	0.372%
70	14.681	1949	1954	1965	rBV	149135	253876	3.16%	0.250%
71	14.875	1982	1987	1994	rVB2	53802	130947	1.63%	0.129%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Title : SVOA CALIBRATION

72	15.216	2039	2045	2051	rBV	1383268	1848161	23.02%	1.822%
73	15.469	2082	2088	2093	rBV	2863861	4104308	51.12%	4.046%
74	15.522	2093	2097	2103	rVB	128485	209905	2.61%	0.207%
75	15.593	2104	2109	2114	rBV	344823	516395	6.43%	0.509%
76	15.698	2122	2127	2139	rBV2	112222	268306	3.34%	0.264%
77	15.987	2169	2176	2186	rVB	1431602	1999735	24.91%	1.971%
78	16.157	2198	2205	2210	rBV2	276056	476272	5.93%	0.470%
79	16.316	2228	2232	2236	rBV2	67581	98140	1.22%	0.097%
80	16.498	2257	2263	2268	rBV	824898	1107790	13.80%	1.092%
81	16.551	2268	2272	2276	rVV	150783	212682	2.65%	0.210%
82	16.769	2306	2309	2312	rBV	91640	116151	1.45%	0.115%
83	16.822	2312	2318	2328	rVV	1428186	2230393	27.78%	2.199%
84	17.034	2350	2354	2360	rVB2	149714	239297	2.98%	0.236%
85	17.234	2382	2388	2393	rBV	2501300	3649565	45.46%	3.598%
86	17.275	2393	2395	2399	rVB	140746	143662	1.79%	0.142%
87	17.328	2399	2404	2413	rVB2	3057849	4590598	57.18%	4.525%
88	17.422	2414	2420	2427	rBV	3357184	4614016	57.47%	4.548%
89	17.639	2453	2457	2460	rBV	76390	104474	1.30%	0.103%
90	17.675	2460	2463	2467	rVB	76362	95208	1.19%	0.094%
91	18.128	2536	2540	2546	rBV3	106213	190672	2.37%	0.188%
92	18.828	2656	2659	2664	rVV	100878	119055	1.48%	0.117%
93	18.875	2664	2667	2675	rVB	124116	160986	2.01%	0.159%
94	19.298	2736	2739	2743	rVB	213828	244069	3.04%	0.241%
95	19.575	2780	2786	2790	rBV	4060806	5566658	69.33%	5.488%
96	19.616	2790	2793	2798	rVB	330404	432279	5.38%	0.426%
97	21.028	3028	3033	3043	rBV2	1399341	2403900	29.94%	2.370%
98	21.322	3079	3083	3093	rVB	3253607	4343304	54.10%	4.282%
99	23.527	3451	3458	3474	rVB	2890748	5997154	74.70%	5.912%
100	23.680	3477	3484	3495	rVB	2322839	4551827	56.69%	4.487%

Sum of corrected areas: 101440549

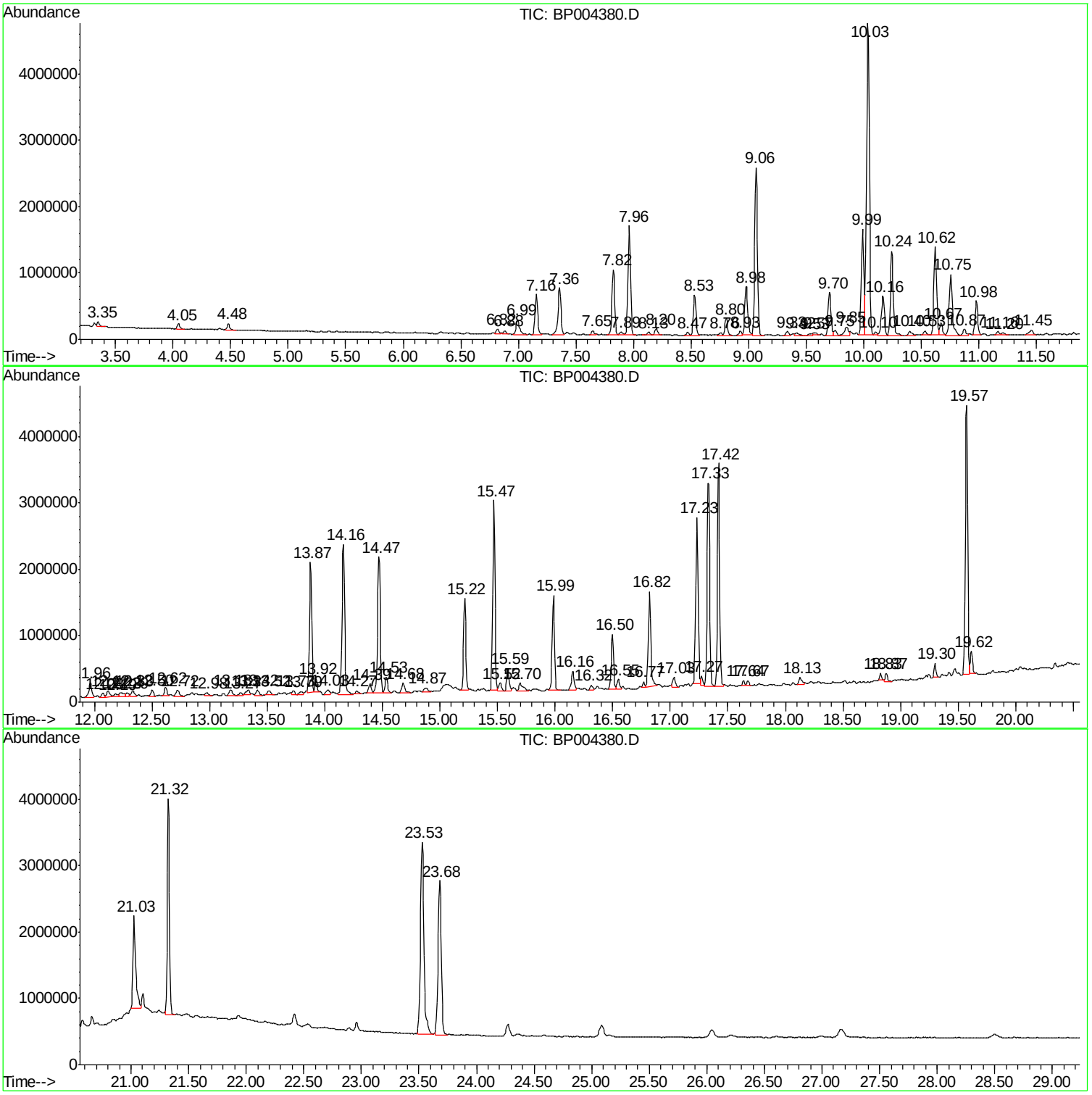
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

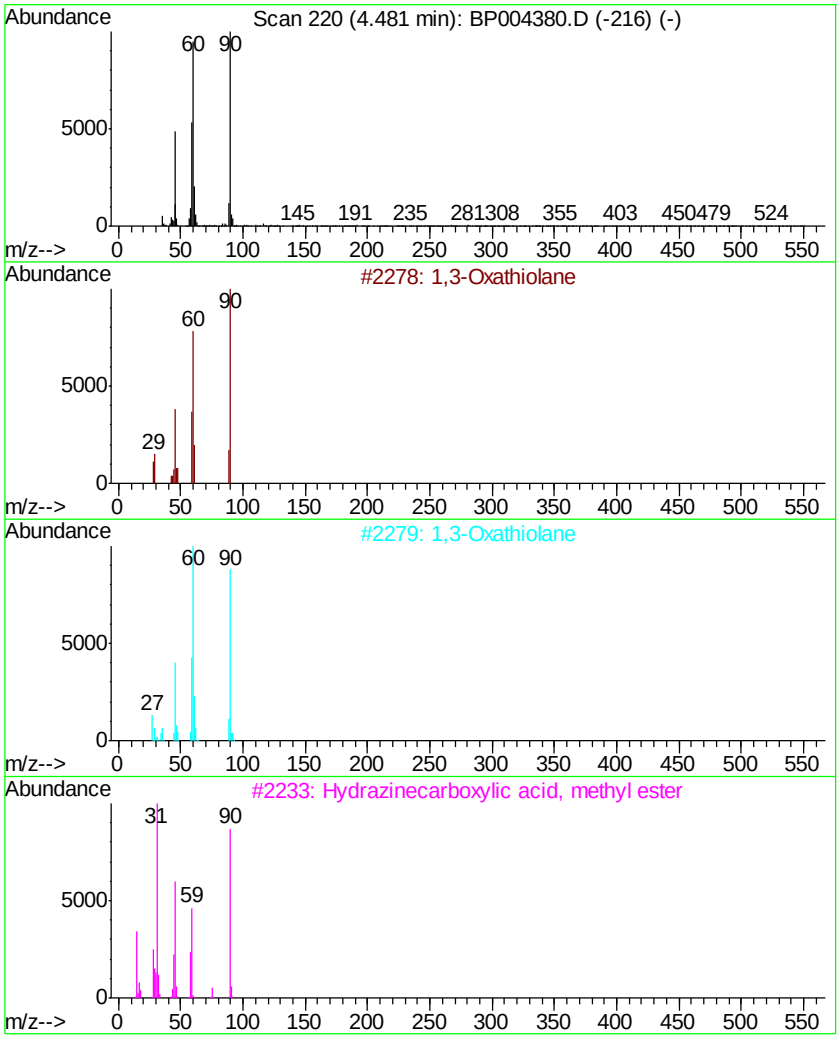
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

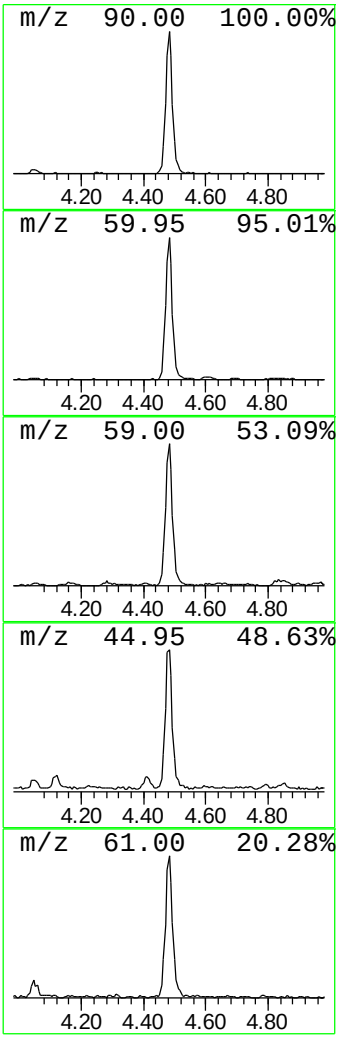
****

Peak Number 1 1,3-Oxathiolane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	2.05 ng/ul	164141	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	91
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	90
3	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	59
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
5	3-Thietanol	90	C3H6OS	010304-16-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

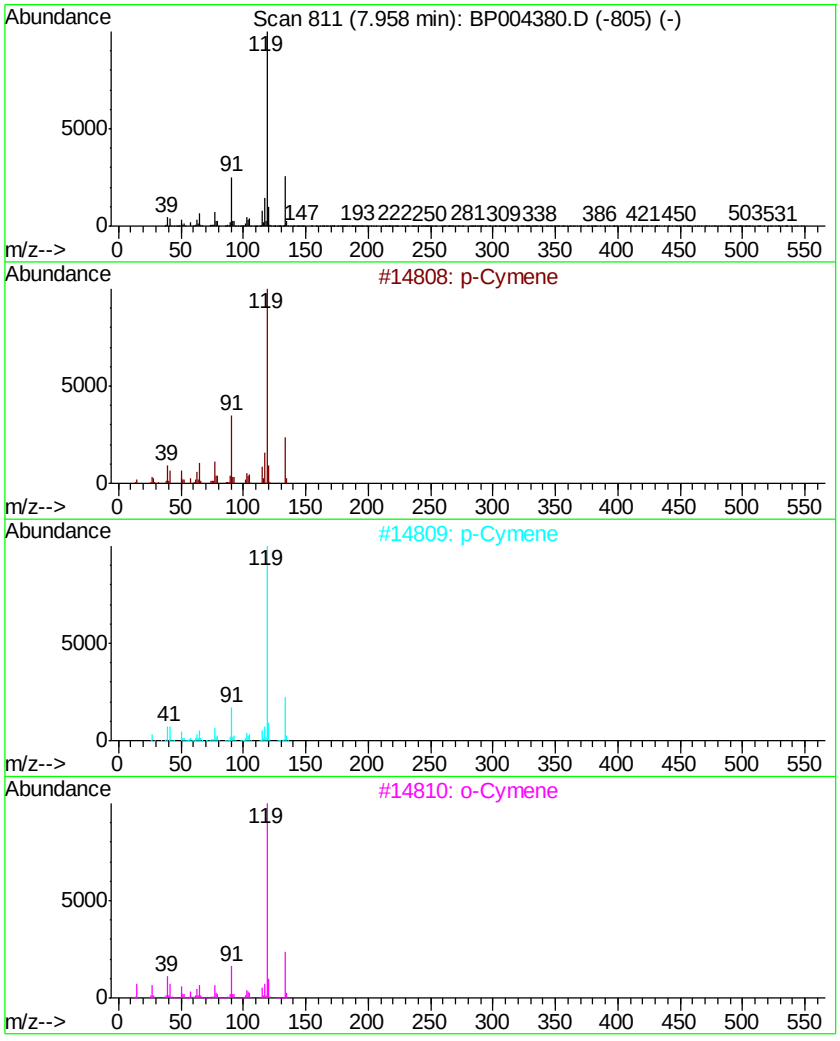
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

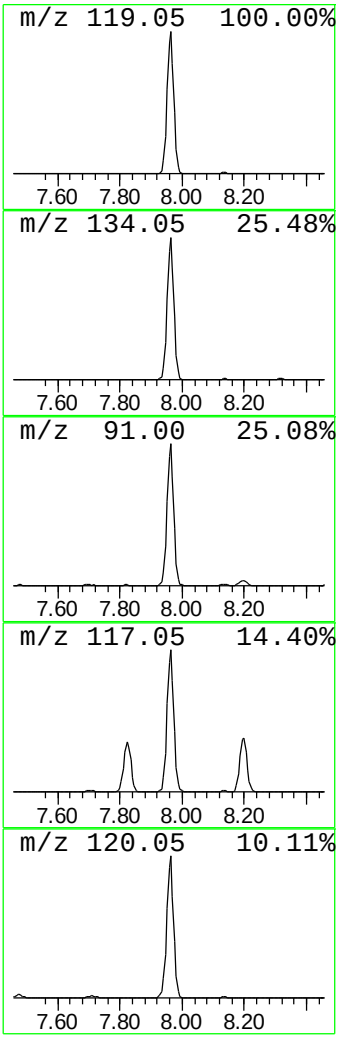
****

Peak Number 2 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	31.73 ng/ul	2544170	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	p-Cymene	134	C10H14	000099-87-6	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

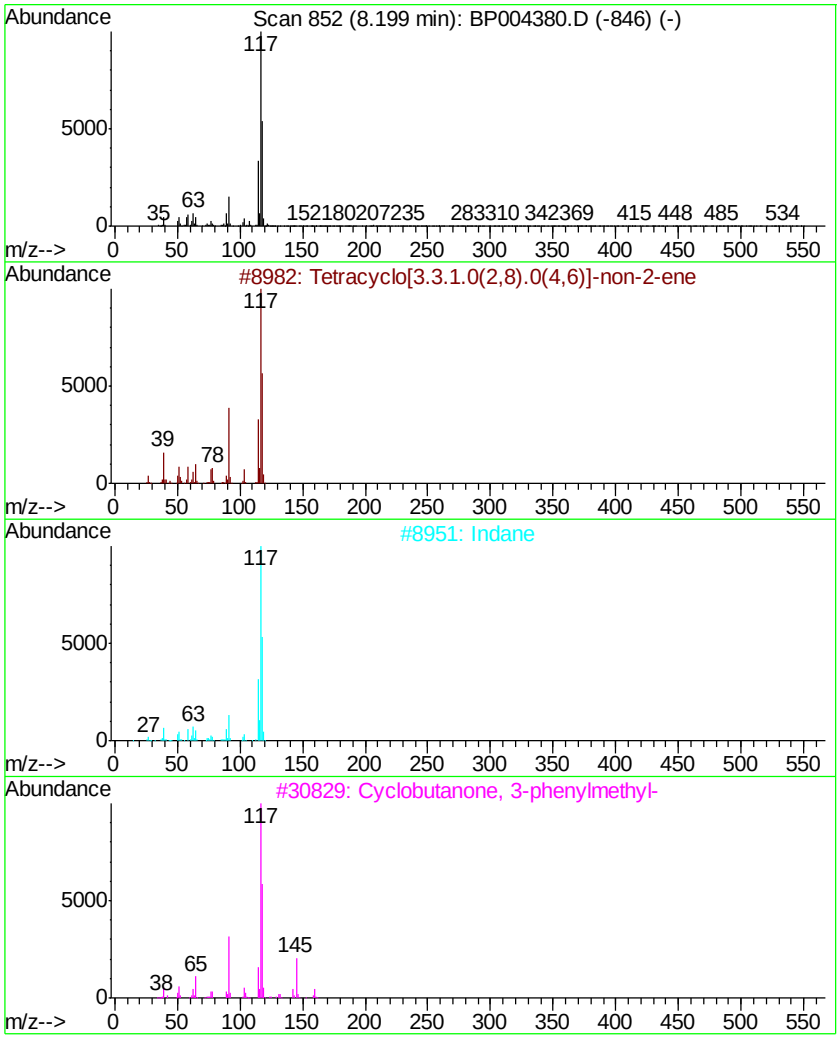
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

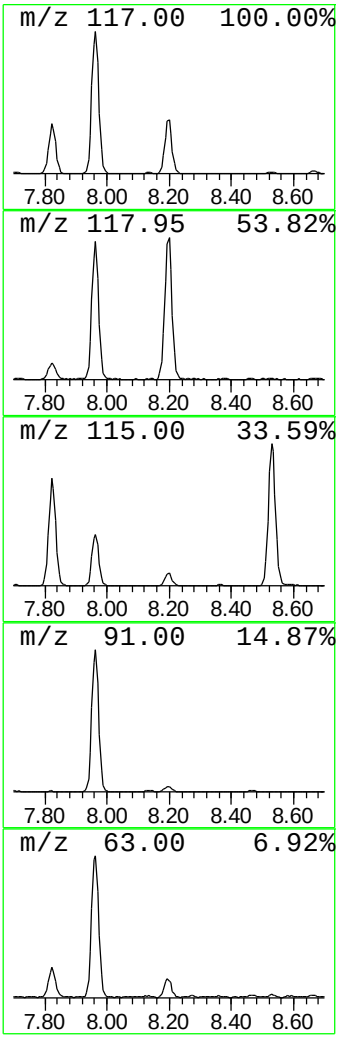
****

Peak Number 3 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	2.18 ng/ul	174504	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
2	Indane	118	C9H10	000496-11-7	74
3	Cyclobutanone, 3-phenylmethyl-	160	C11H12O	055262-02-7	72
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	68
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

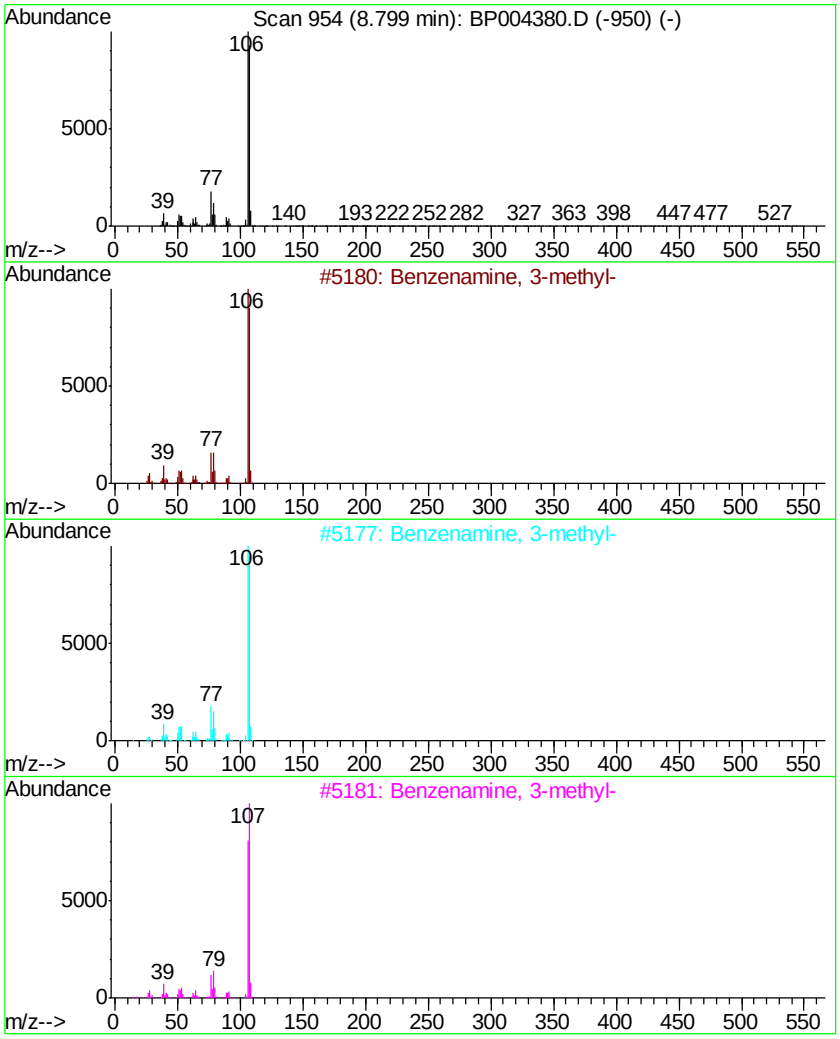
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

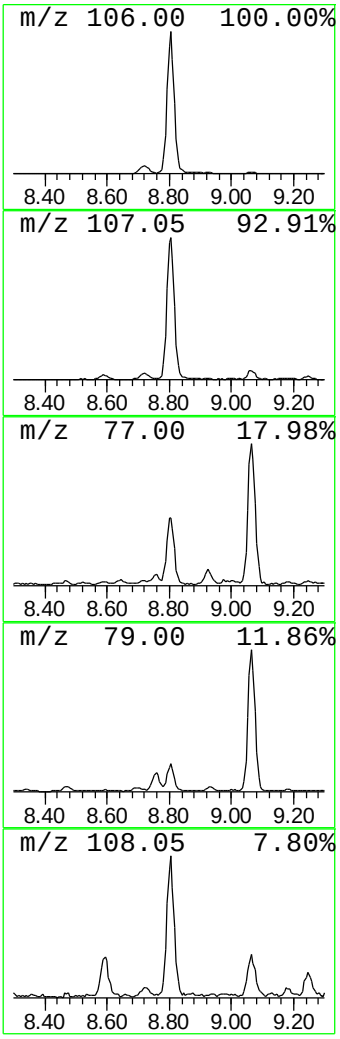
****

Peak Number 4 Benzenamine, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	5.20 ng/ul	416770	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

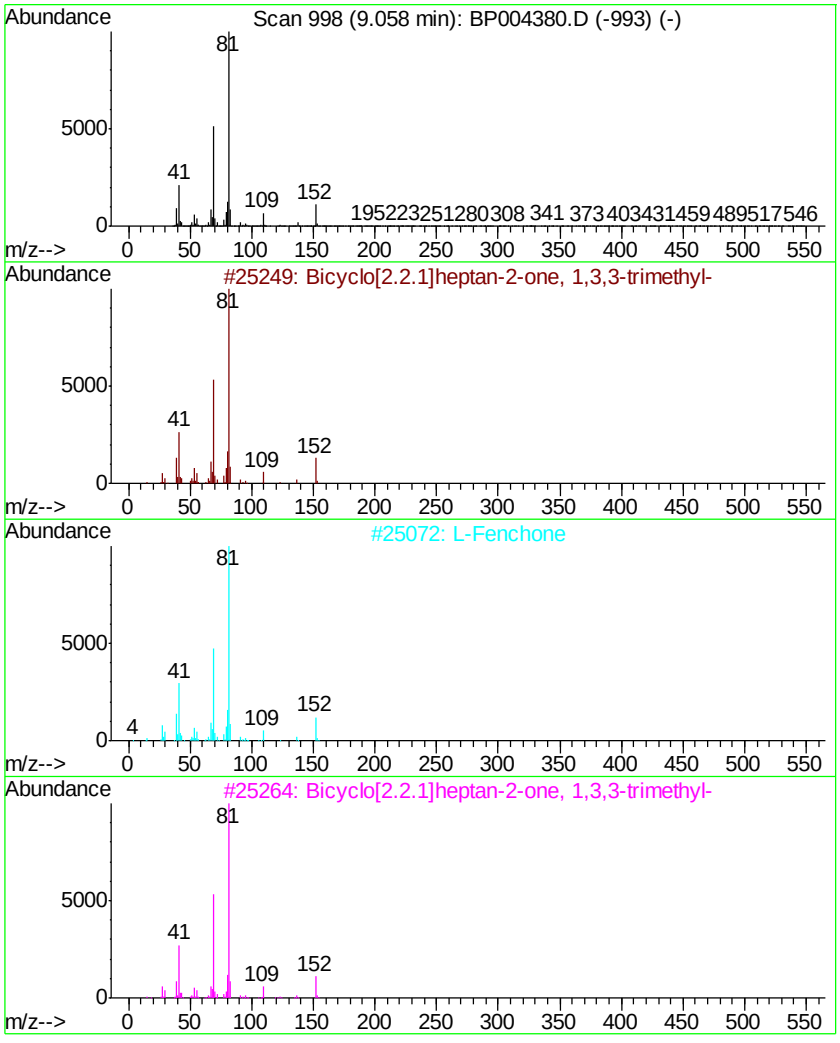
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

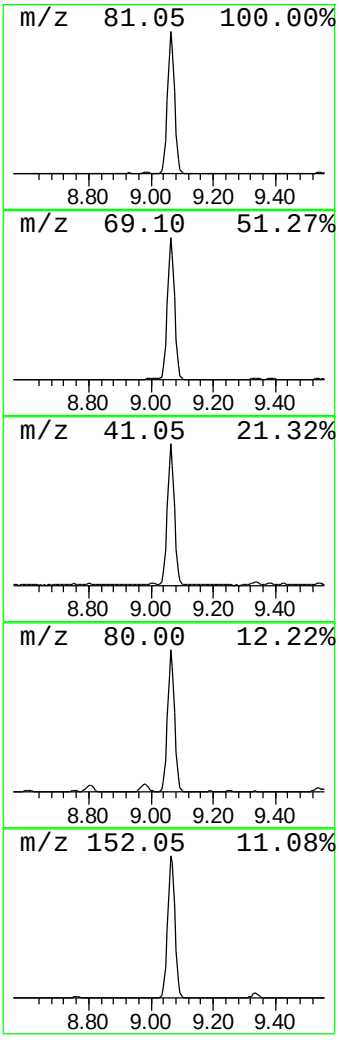
****

Peak Number 5 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	51.14 ng/ul	4100400	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2	L-Fenchone	152	C10H16O	007787-20-4	95
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
4	D-Fenchone	152	C10H16O	004695-62-9	94
5	L-Fenchone	152	C10H16O	007787-20-4	94





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Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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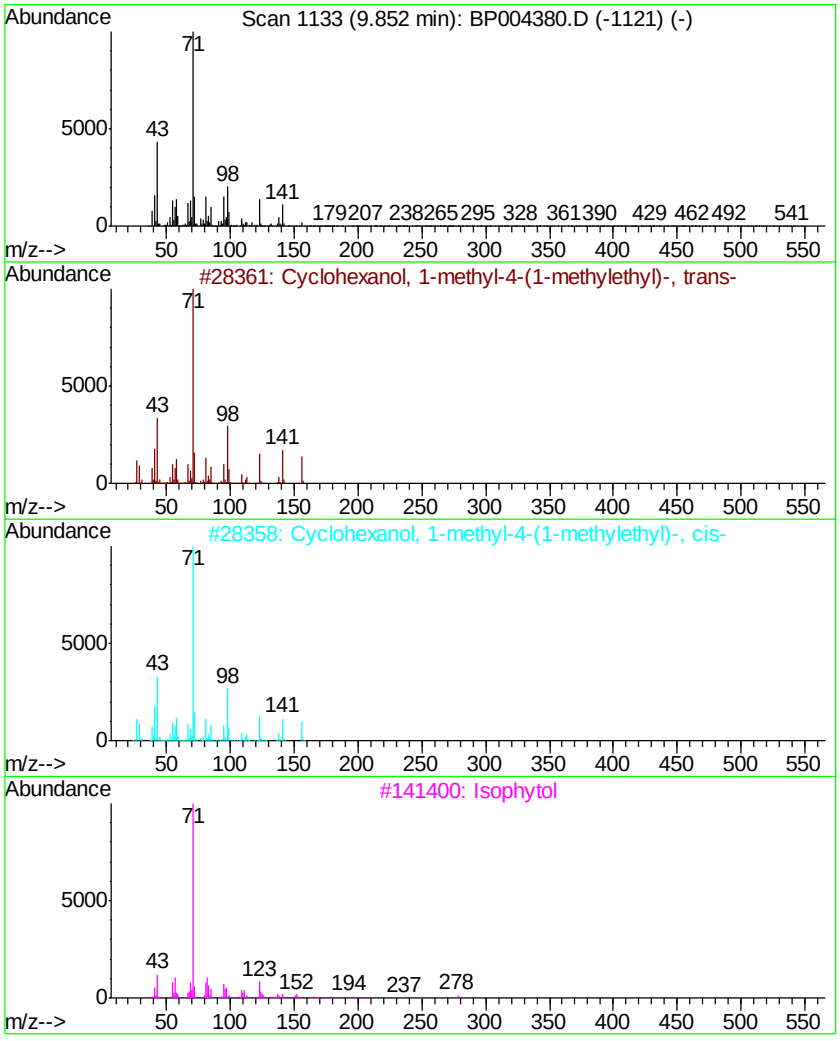
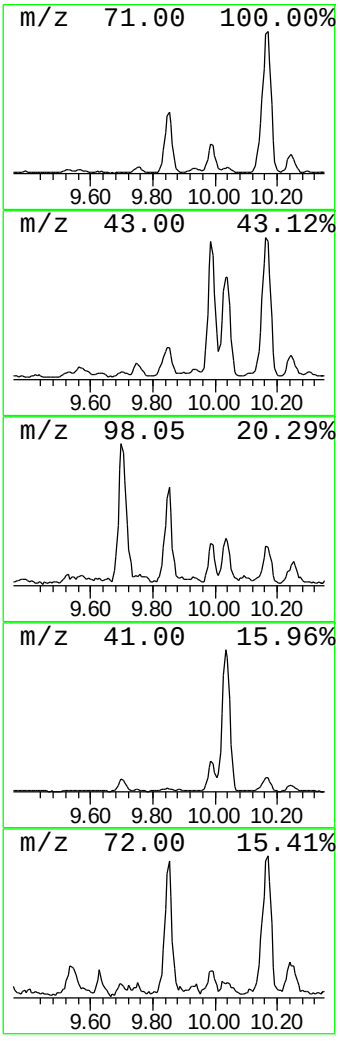
Peak Number 6 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.71 ng/ul	318626	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	87
2	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-95-9	80
3	Isophytol	296	C20H40O	000505-32-8	53
4	Cyclooctane, methoxy-	142	C9H18O	013213-32-6	43
5	Ether, methyl 1-tetradecenyl	226	C15H30O	026537-05-3	42





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Operator : CG/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

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Quant Title : SVOA CALIBRATION

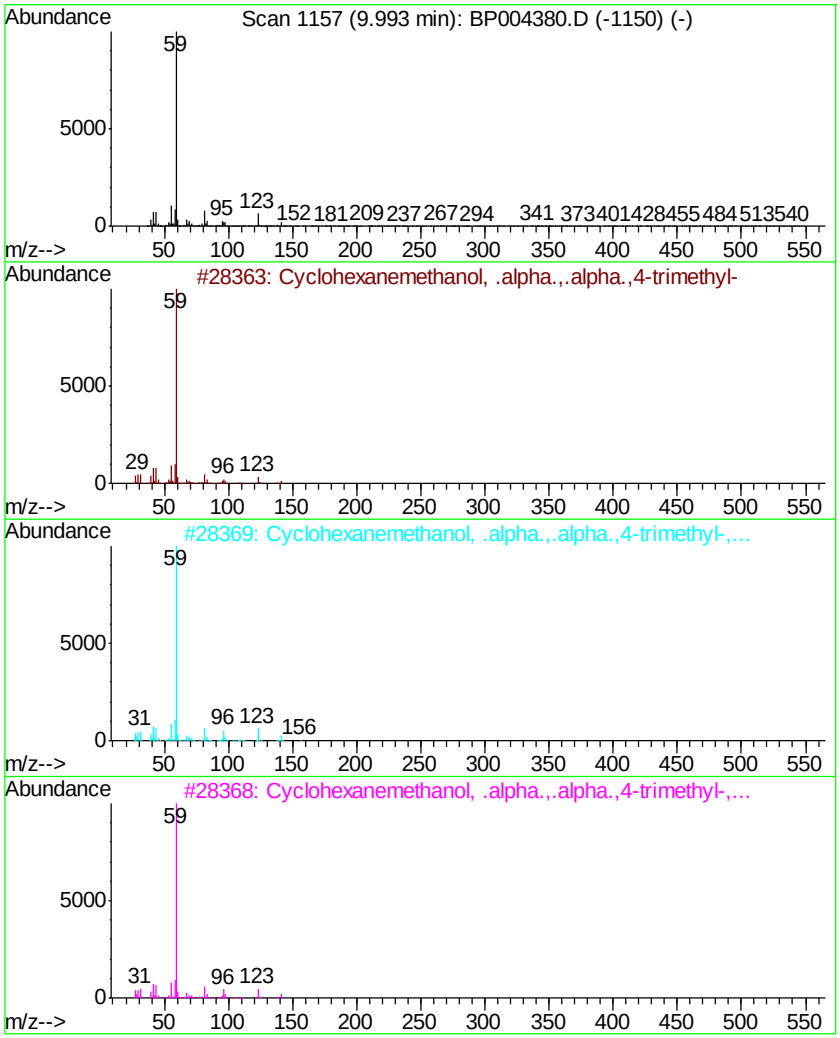
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

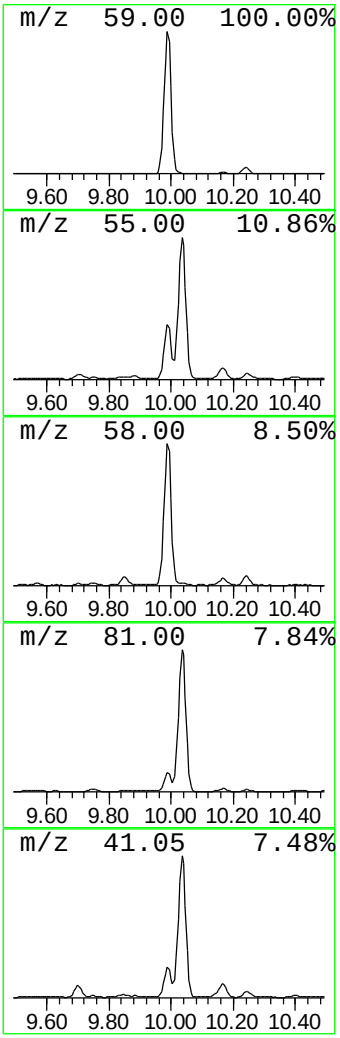
****

Peak Number 7 Cyclohexanemethanol, .alpha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	20.90 ng/ul	2460530	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	83
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	78
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	64
4	o-Menthan-8-ol	156	C10H20O	343855-44-7	64
5	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	59





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Operator : CG/JU
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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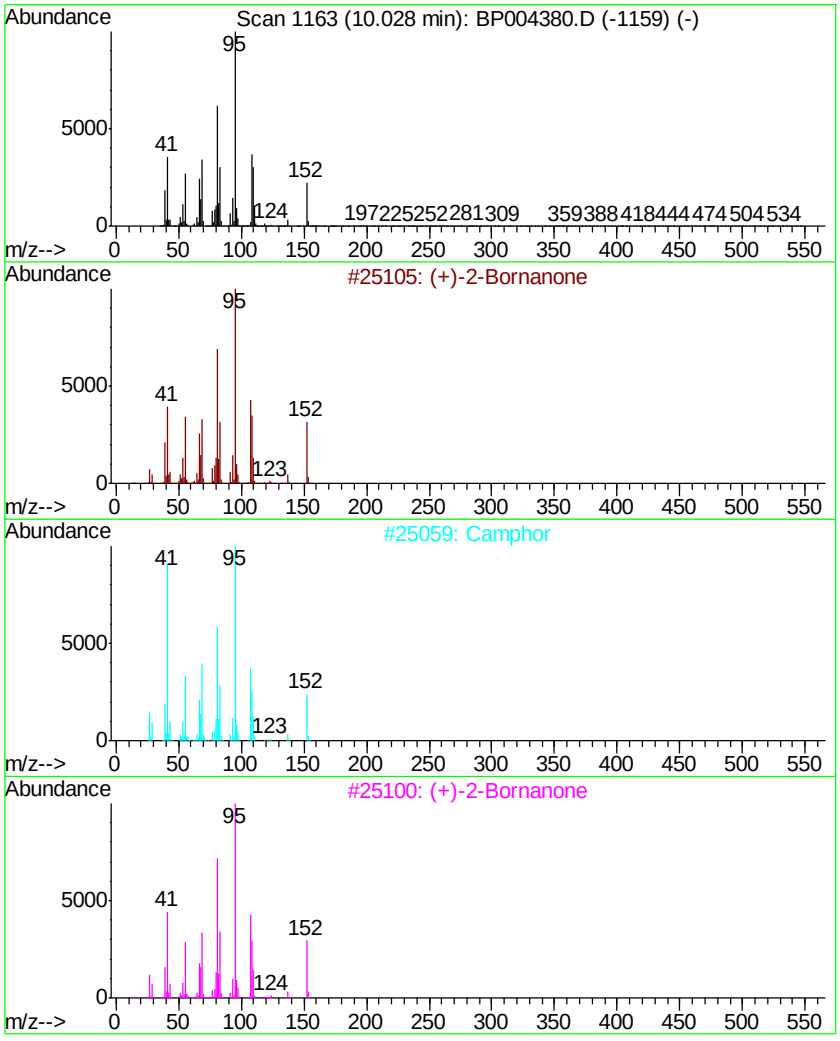
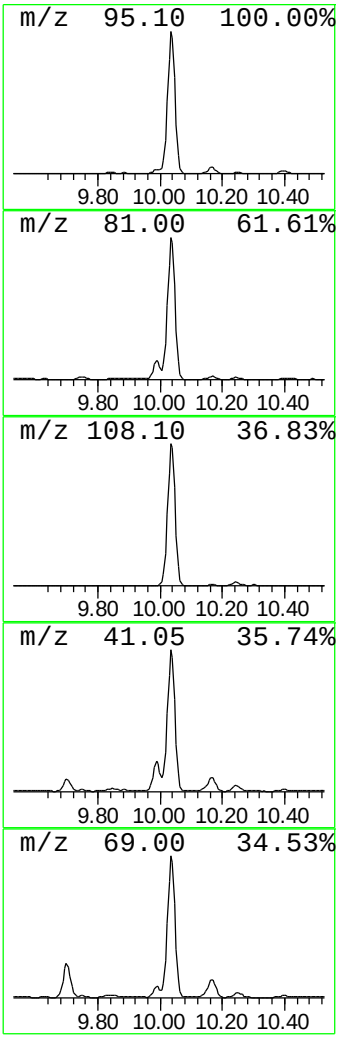
Peak Number 8 (+)-2-Bornanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	68.19 ng/ul	8028760	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2	Camphor	152	C10H16O	000076-22-2	98
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
5	Camphor	152	C10H16O	000076-22-2	96





Library Search Compound Report

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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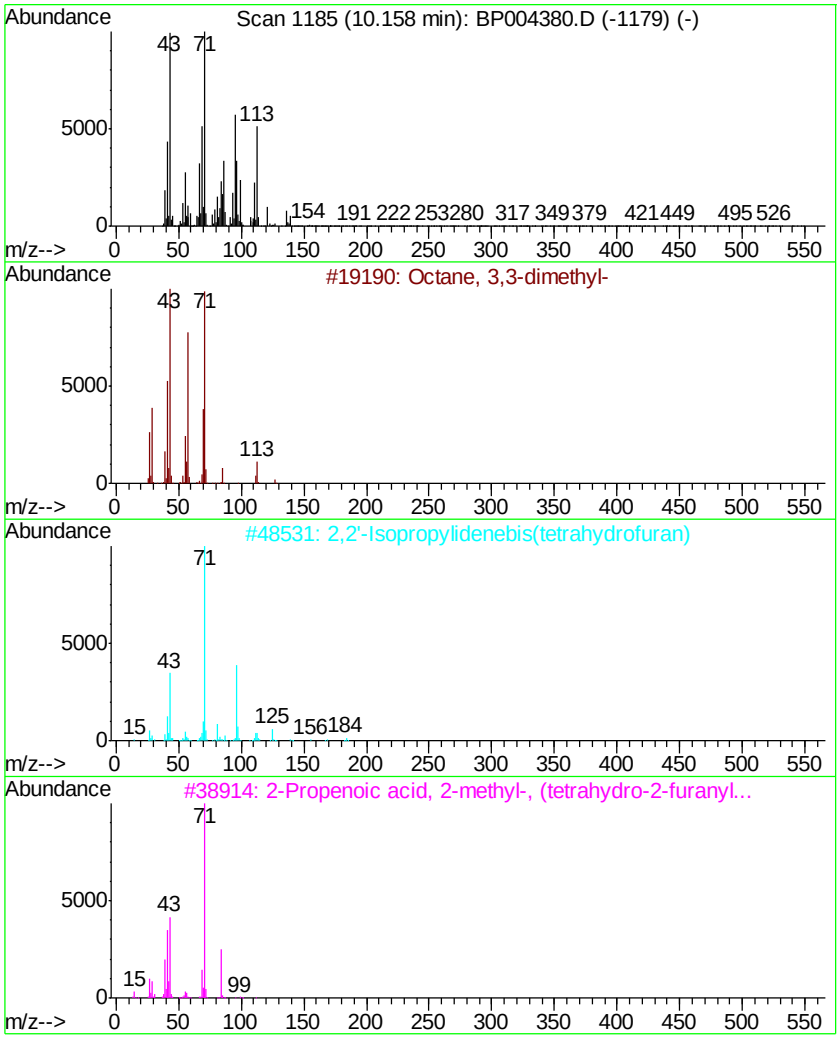
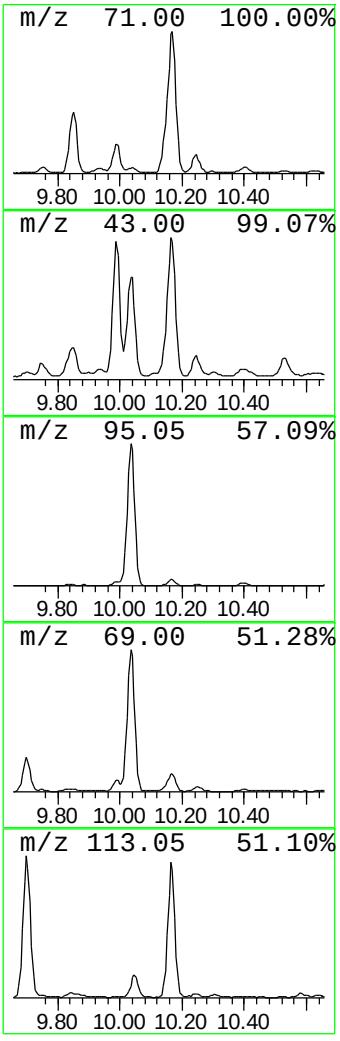
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	9.39 ng/ul	1105850	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	35
2	2,2'-Isopropylidenebis(tetrahydr...	184	C11H20O2	089686-69-1	27
3	2-Propenoic acid, 2-methyl-, (te...	170	C9H14O3	002455-24-5	22
4	1-Butene, 1-methoxy-	86	C5H10O	029512-02-5	22
5	trans-1-Methoxy-1-butene	86	C5H10O	010034-13-6	22





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Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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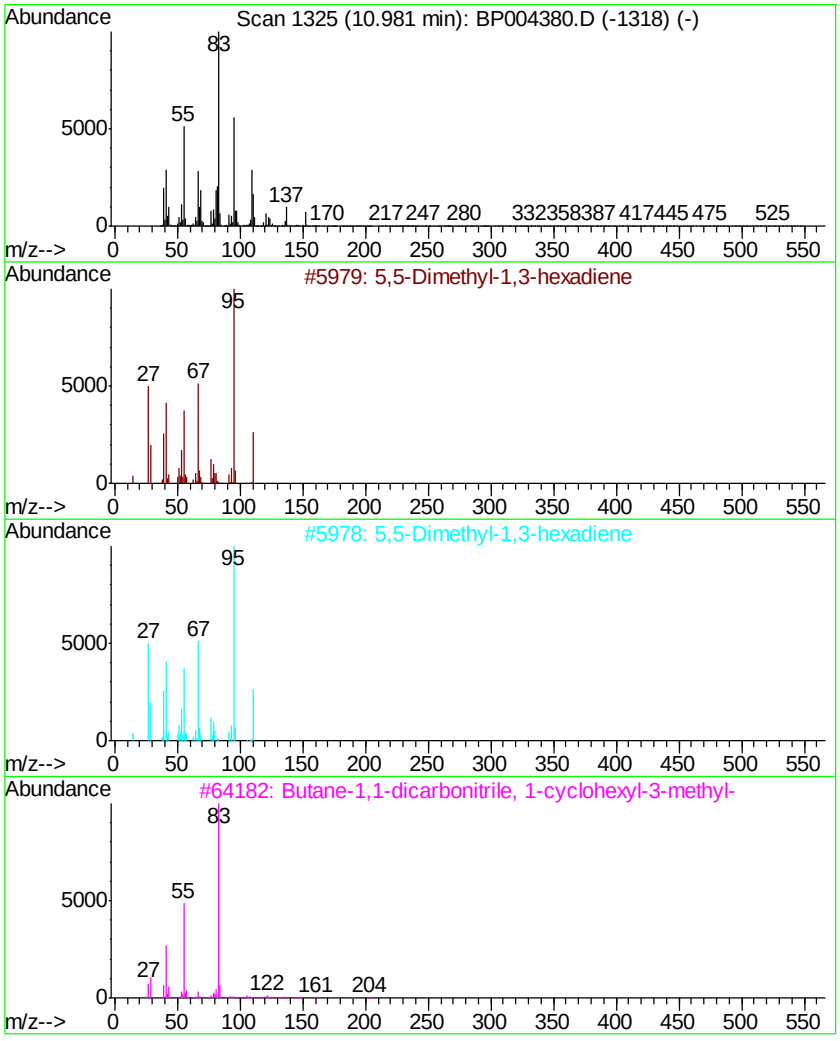
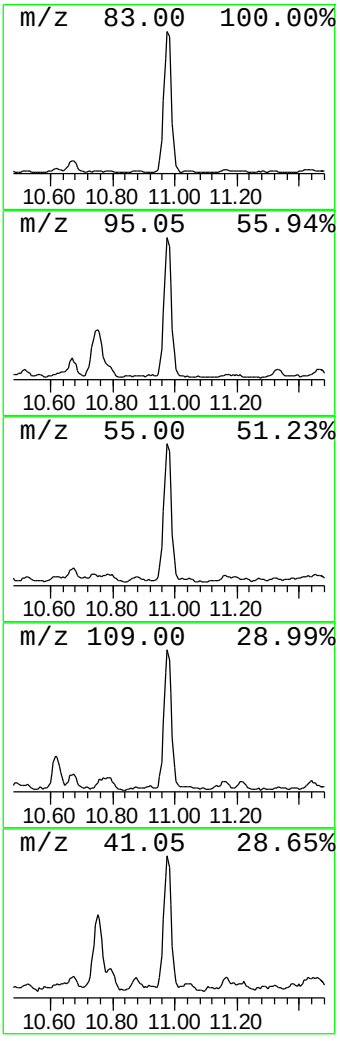
Peak Number 10 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	7.39 ng/ul	869915	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	35
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	35
3	Butane-1,1-dicarbonitrile, 1-cyc...	204	C13H20N2	1000164-70-2	30
4	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	25
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	22





Library Search Compound Report

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Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
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Instrument : BNA_P
ClientSampleId : CB8D8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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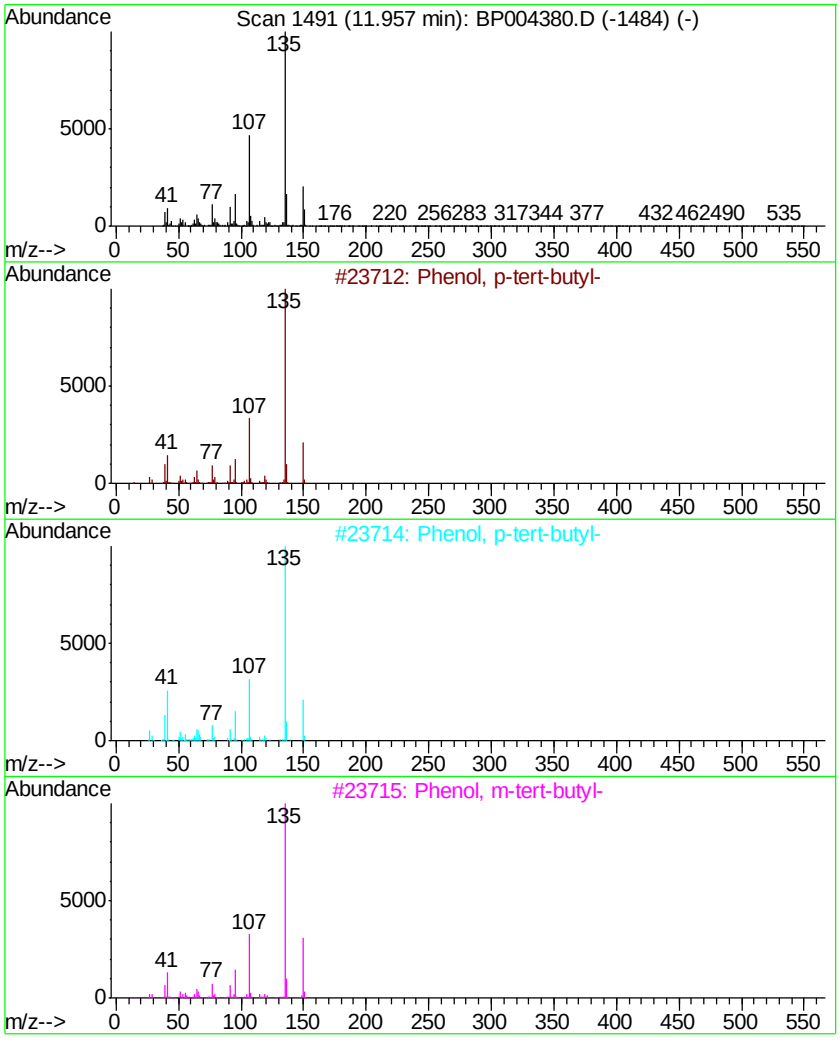
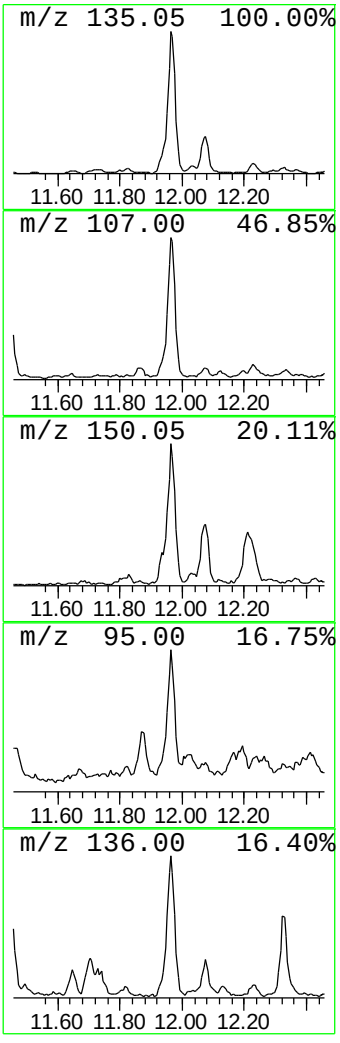
Peak Number 11 Phenol, p-tert-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.58 ng/ul	421737	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	81





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Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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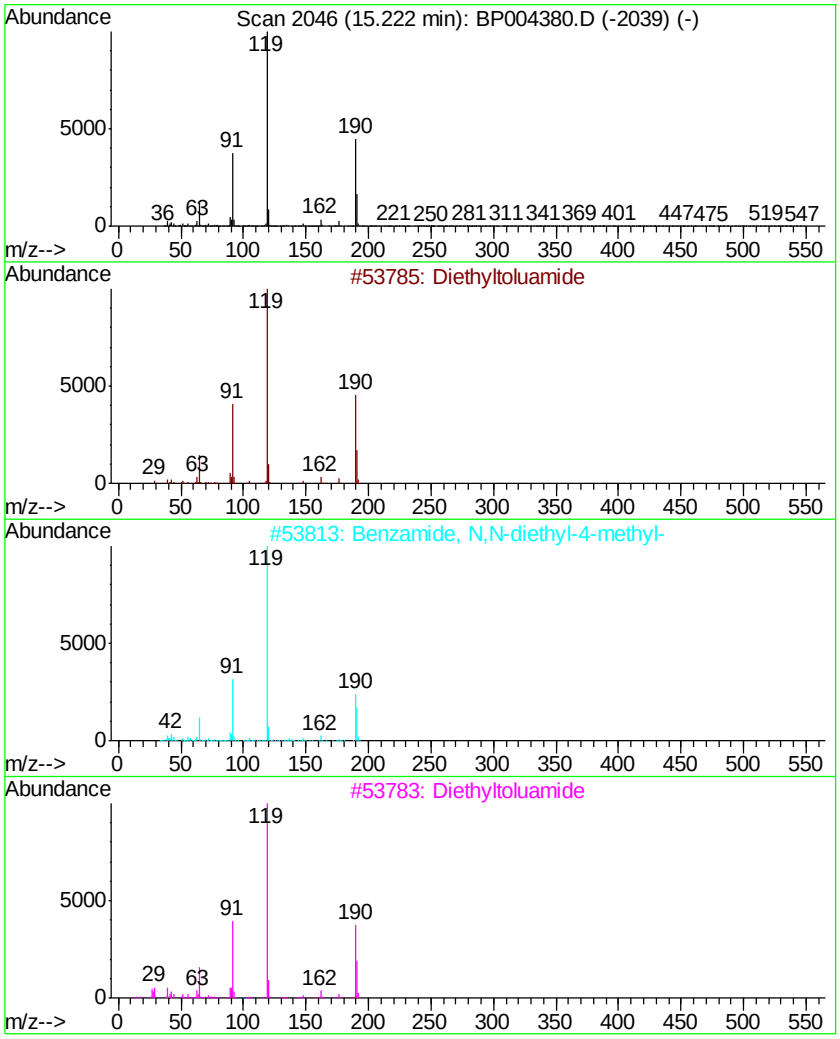
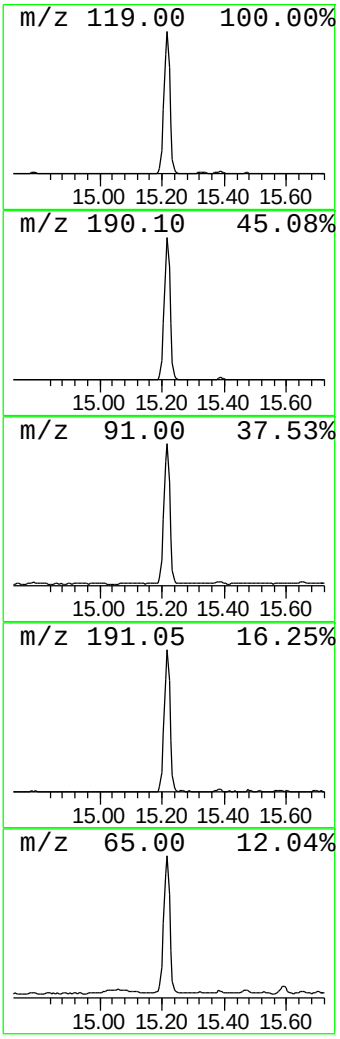
Peak Number 12 Diethyltoluamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	11.34 ng/ul	1848160	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	93
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
3	Diethyltoluamide	191	C12H17NO	000134-62-3	91
4	Diethyltoluamide	191	C12H17NO	000134-62-3	87
5	Diethyltoluamide	191	C12H17NO	000134-62-3	53





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Instrument : BNA_P
ClientSampleId : CB8D8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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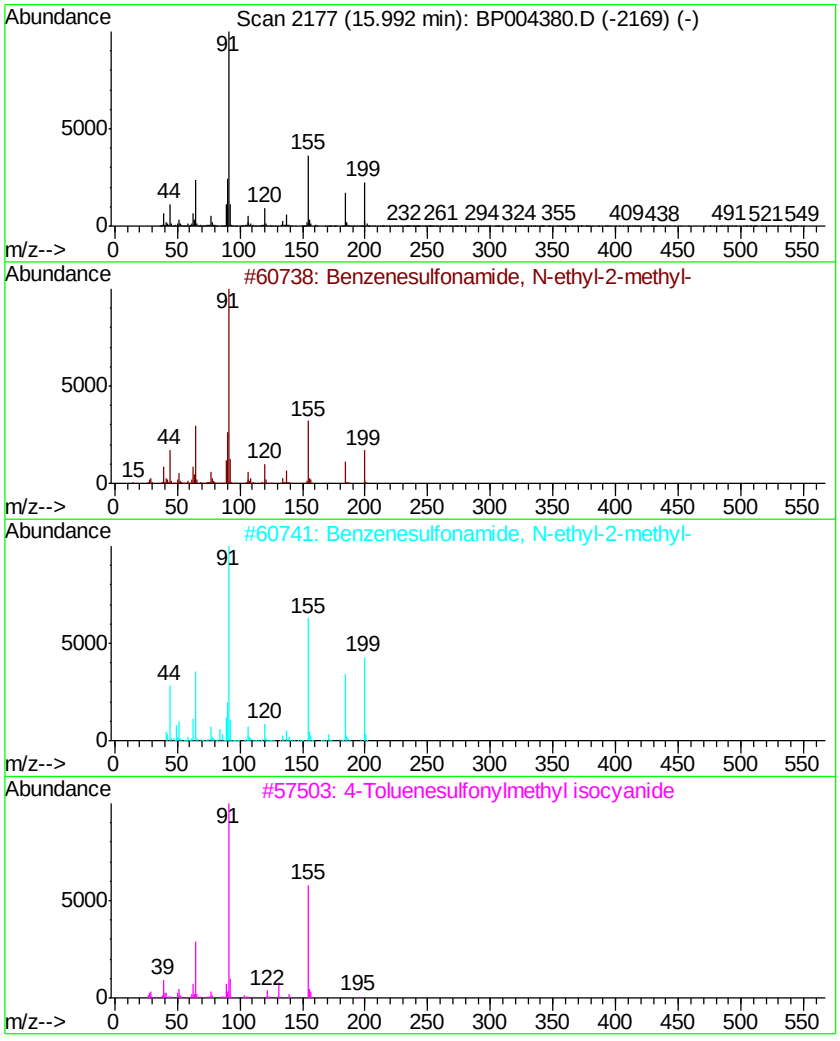
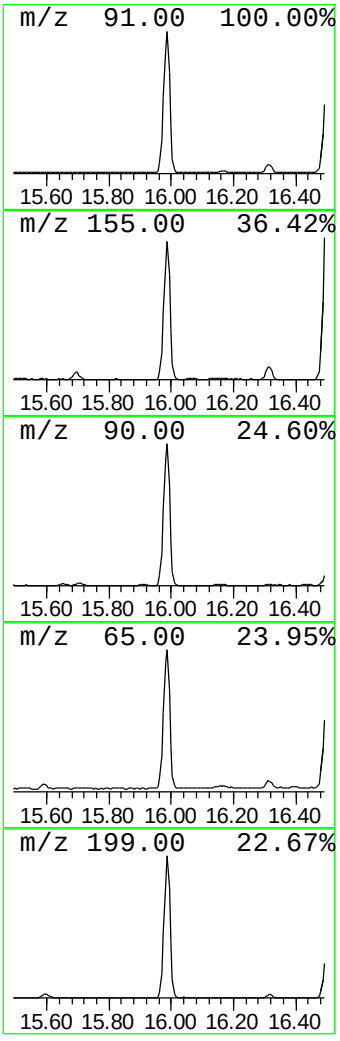
Peak Number 13 Benzenesulfonamide, N-ethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	10.96 ng/ul	1999740	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	96
2	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	52
3	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47
4	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	47
5	Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	43





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ClientSampleId : CB8D8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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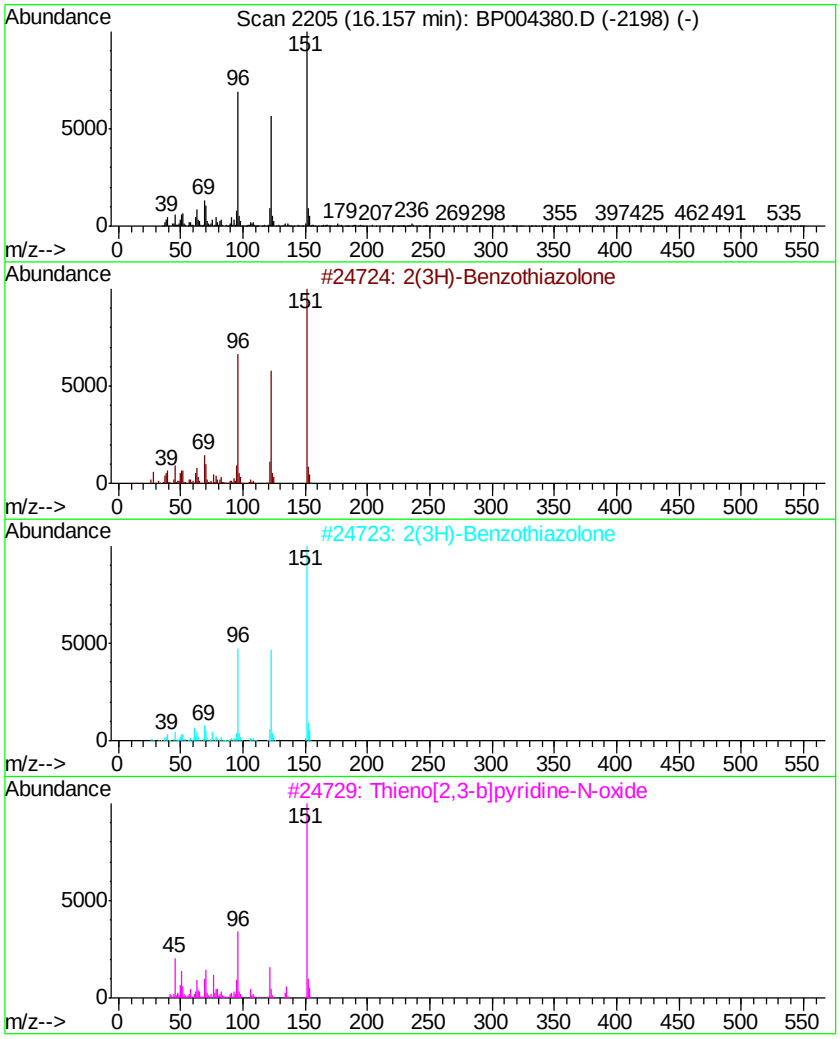
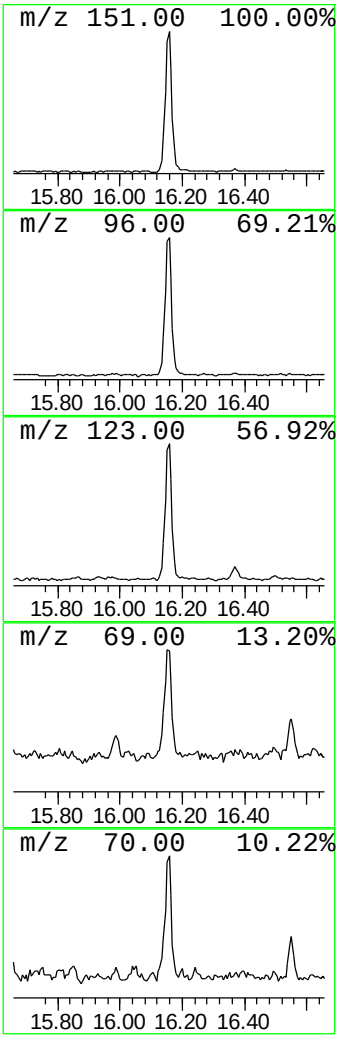
Peak Number 14 2(3H)-Benzothiazolone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.61 ng/ul	476272	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	53
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50
5	2H-Pyran-2-carboxylic acid, 5-et...	196	C10H12O4	019776-81-9	50





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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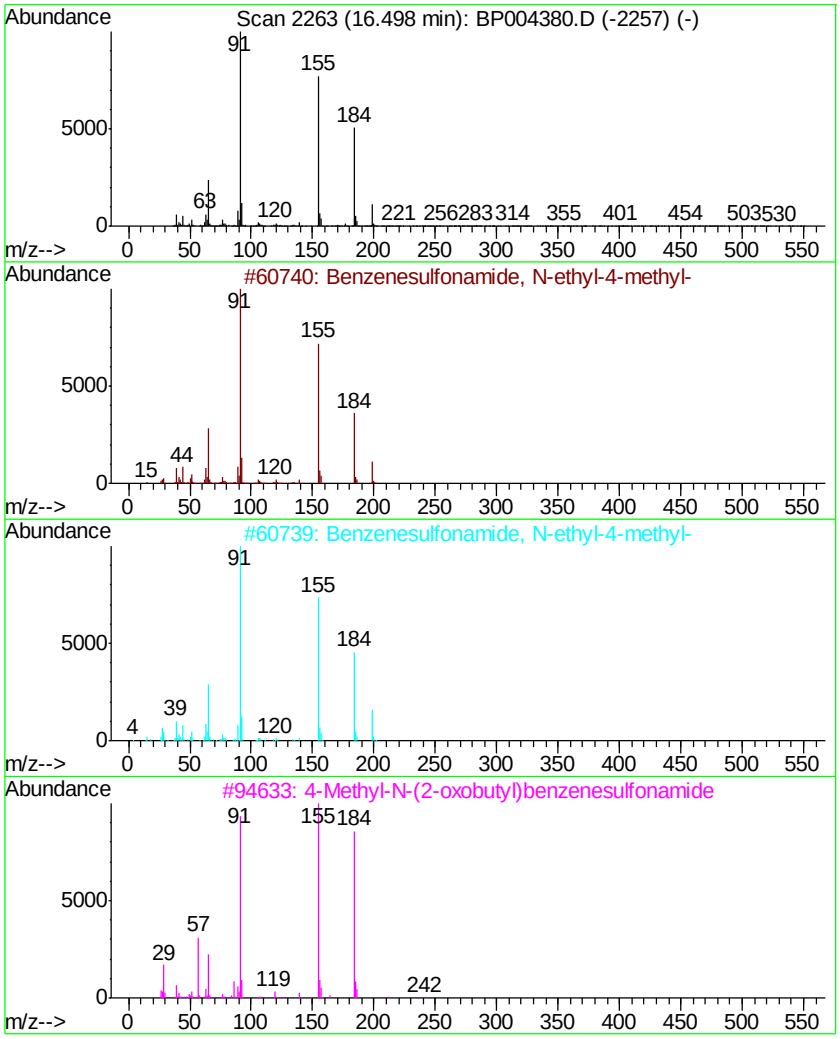
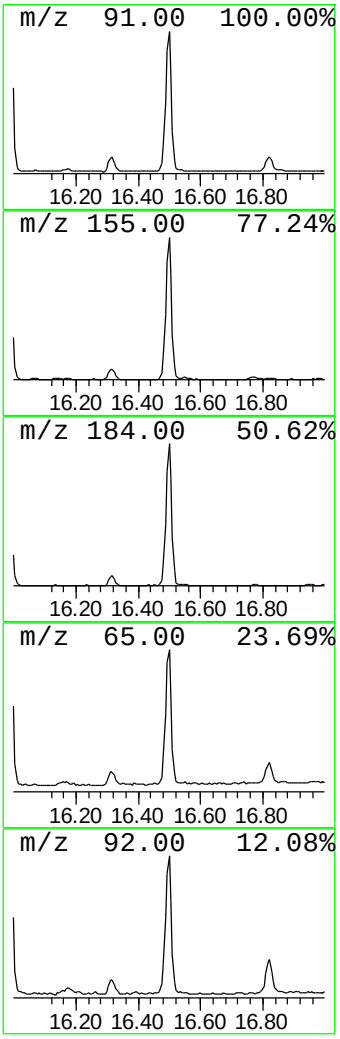
Peak Number 15 Benzenesulfonamide, N-ethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	6.07 ng/ul	1107790	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
3	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	90
4	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	83
5	(Toluene-4-sulfonylamino)-acetic...	283	C13H17NO4S	1000190-48-0	72





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Sample : L5128-13
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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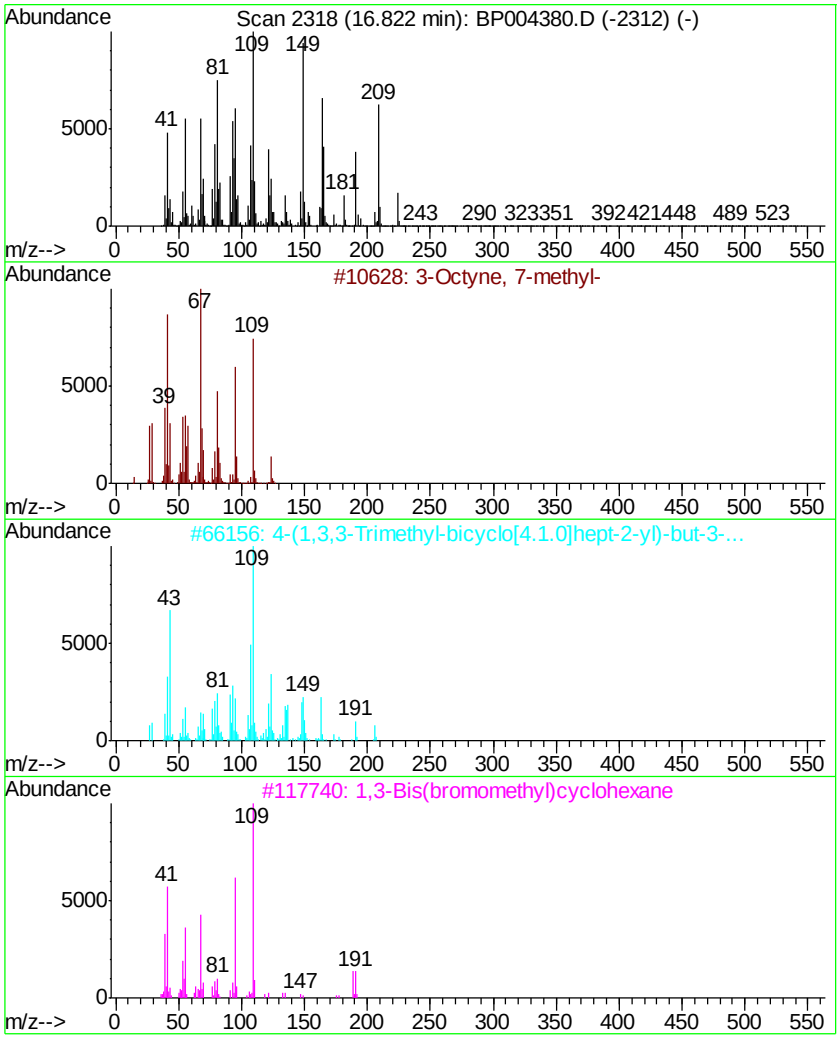
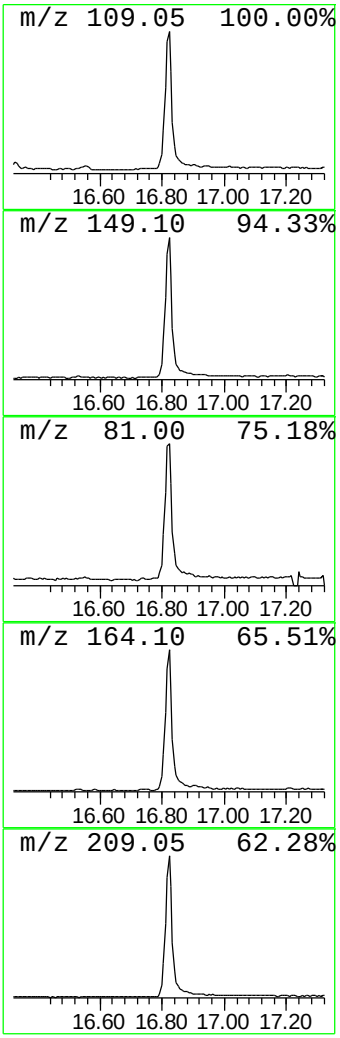
Peak Number 16 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	12.22 ng/ul	2230390	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	25
2	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	14
3	1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	14
4	Ethanone, 1-(3-methylenecyclopen...	124	C8H12O	054829-98-0	11
5	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	11





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Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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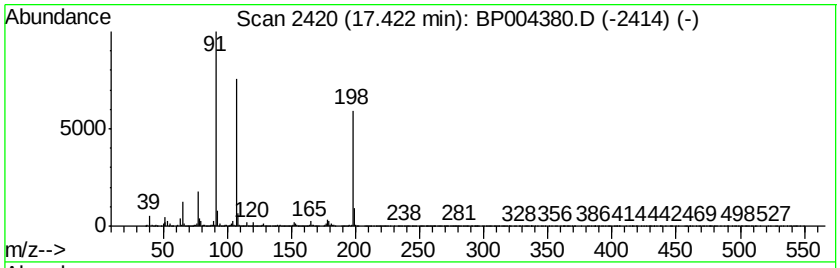
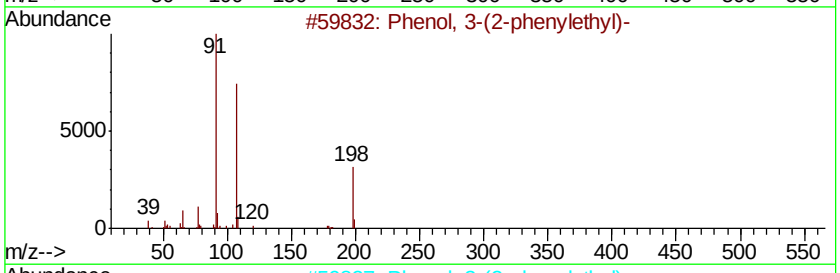
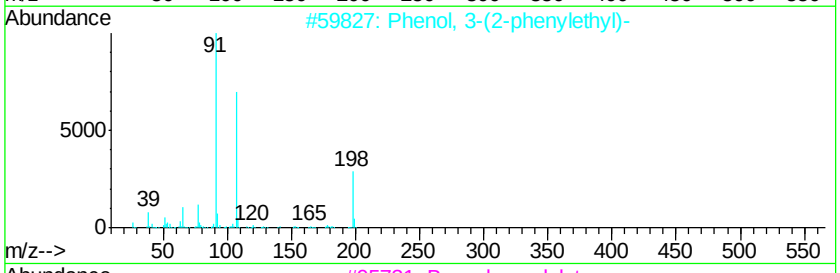
Peak Number 17 Phenol, 3-(2-phenylethyl)- Concentration Rank 4

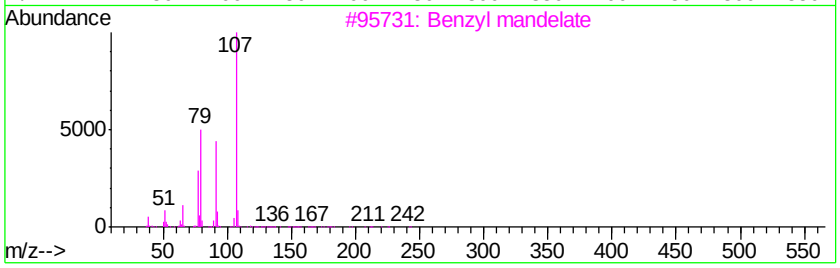
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	25.29 ng/ul	4614020	Phenanthrene-d10	17.23

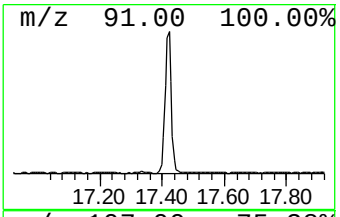
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	95
2	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	95
3	Benzyl mandelate	242	C15H14O3	000890-98-2	47
4	Benzyl mandelate	242	C15H14O3	000890-98-2	47
5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	43

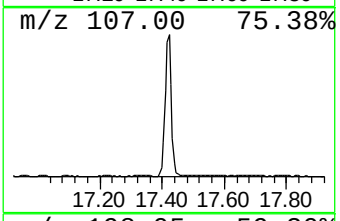


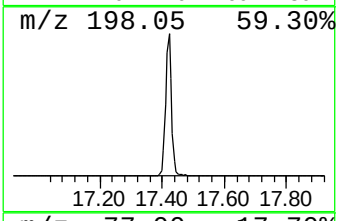


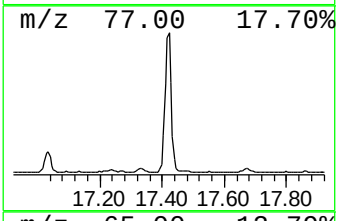


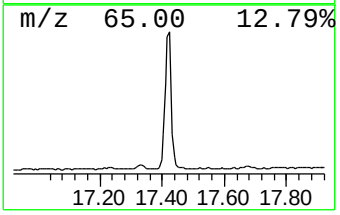












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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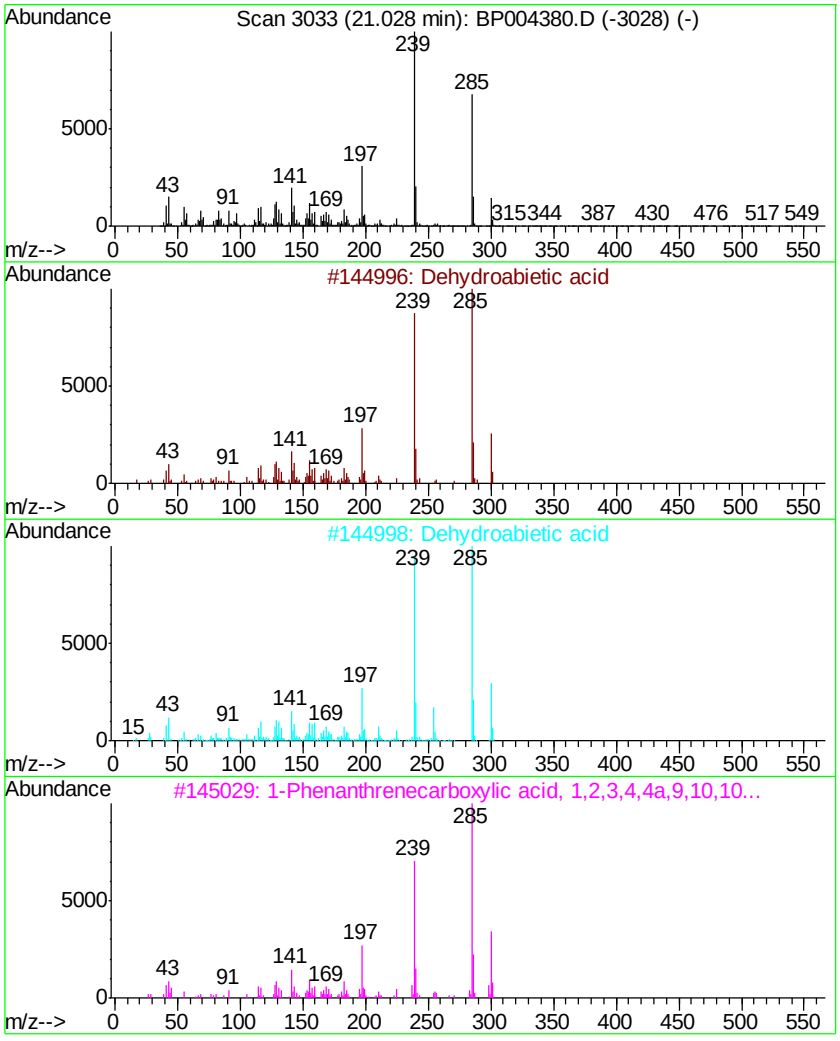
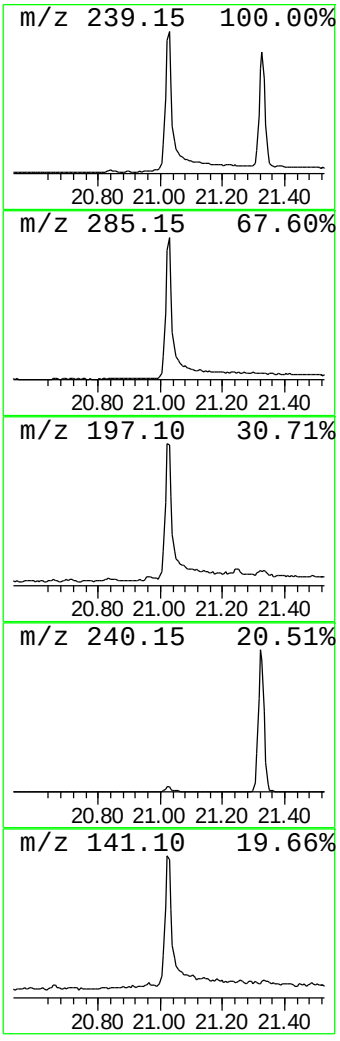
Peak Number 18 Dehydroabietic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	11.07 ng/ul	2403900	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	98
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	86
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	83
5	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121820\
Data File : BP004380.D
Acq On : 19 Dec 2020 04:44
Operator : CG/JU
Sample : L5128-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Oxathiolane	4.48	2.0	ng/ul	164141	1	7.82	1603570	20.0
p-Cymene	7.96	31.7	ng/ul	2544170	1	7.82	1603570	20.0
Tetracyclo[3.3.1....	8.20	2.2	ng/ul	174504	1	7.82	1603570	20.0
Benzenamine, 3-me...	8.80	5.2	ng/ul	416770	1	7.82	1603570	20.0
Bicyclo[2.2.1]hep...	9.06	51.1	ng/ul	4100400	1	7.82	1603570	20.0
Cyclohexanol, 1-m...	9.85	2.7	ng/ul	318626	2	10.62	2354920	20.0
Cyclohexanemethan...	9.99	20.9	ng/ul	2460530	2	10.62	2354920	20.0
(+)-2-Bornanone	10.03	68.2	ng/ul	8028760	2	10.62	2354920	20.0
(DEL) Alkane: Str...	10.16	9.4	ng/ul	1105850	2	10.62	2354920	20.0
unknown-01	10.98	7.4	ng/ul	869915	2	10.62	2354920	20.0
Phenol, p-tert-bu...	11.96	3.6	ng/ul	421737	2	10.62	2354920	20.0
Diethyltoluamide	15.22	11.3	ng/ul	1848160	3	14.47	3260110	20.0
Benzenesulfonamid...	15.99	11.0	ng/ul	1999740	4	17.23	3649570	20.0
2(3H)-Benzothiazo...	16.16	2.6	ng/ul	476272	4	17.23	3649570	20.0
Benzenesulfonamid...	16.50	6.1	ng/ul	1107790	4	17.23	3649570	20.0
unknown-02	16.82	12.2	ng/ul	2230390	4	17.23	3649570	20.0
Phenol, 3-(2-phen...	17.42	25.3	ng/ul	4614020	4	17.23	3649570	20.0
Dehydroabietic acid	21.03	11.1	ng/ul	2403900	5	21.32	4343300	20.0