LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012180.D
Acq On : 14 Oct 2020 03:51
Operator : CG/JU
Sample : L4359-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P5

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_N\METHODS\SOM-EPA-BN100920.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	3.170	27	31	33	rBV	92407	112285	1.47%	0.110%
2	3.199	33	36	46	rVB	383050	514781	6.72%	0.506%
3	3.881	148	152	157	rBV	67761	99641	1.30%	0.098%
4	3.958	161	165	169	rVV	58810	81492	1.06%	0.080%
5	3.999	169	172	179	rVB	27261	41000	0.54%	0.040%
6	4.317	221	226	235	rVV	303530	448338	5.86%	0.441%
7	4.981	335	339	344	rVB2	36262	53849	0.70%	0.053%
8	5.305	390	394	402	rVV2	33177	65337	0.85%	0.064%
9	5.599	438	444	450	rVB	27338	47630	0.62%	0.047%
10	5.664	450	455	461	rBV3	24961	38945	0.51%	0.038%
11	5.934	494	501	507	rVV	30443	51453	0.67%	0.051%
12	6.622	608	618	624	rBV9	32558	90873	1.19%	0.089%
13	6.811	640	650	664	rBV2	302186	717284	9.37%	0.706%
14	6.969	671	677	688	rBV	808377	1287913	16.82%	1.267%
15	7.164	697	710	719	rVV	1010705	1630824	21.30%	1.604%
16	7.287	724	731	739	rVB10	20706	66534	0.87%	0.065%
17	7.628	780	789	797	rBV	1212860	1942403	25.37%	1.911%
18	7.705	797	802	805	rVV2	79287	134397	1.76%	0.132%
19	7.764	808	812	823	rVB2	102690	189034	2.47%	0.186%
20	7.999	844	852	856	rVB2	36021	62682	0.82%	0.062%
21	8.334	903	909	915	rVV	872777	1349785	17.63%	1.328%
22	8.399	915	920	928	rVB6	40513	97595	1.27%	0.096%
23	8.528	934	942	948	rBV7	33596	73161	0.96%	0.072%
24	8.611	948	956	966	rBV	4221557	6849523	89.48%	6.737%
25	8.722	971	975	979	rVV	59159	100828	1.32%	0.099%
26	8.775	979	984	993	rVV	1065283	1733675	22.65%	1.705%
27	8.863	993	999	1005	rVB	208512	336087	4.39%	0.331%
28	8.981	1012	1019	1027	rBV10	26326	79627	1.04%	0.078%
29	9.134	1038	1045	1050	rBV7	71662	129752	1.69%	0.128%
30	9.228	1055	1061	1068	rVB	126862	238070	3.11%	0.234%
31	9.328	1072	1078	1082	rBV7	53204	105192	1.37%	0.103%
32	9.416	1089	1093	1099	rVB9	24850	53747	0.70%	0.053%
33	9.493	1099	1106	1119	rBV	927371	1565522	20.45%	1.540%
34	9.628	1119	1129	1133	rBV3	66085	146453	1.91%	0.144%

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Misc :
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Instrument : BNA_N
ClientSampleId : CB7P5

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Title : SVOA CALIBRATION

35	9.681	1133	1138	1143	rVB4	44548	69537	0.91%	0.068%
36	9.781	1151	1155	1157	rVV2	59005	84738	1.11%	0.083%
37	9.822	1157	1162	1171	rVB	565365	914732	11.95%	0.900%
38	9.952	1176	1184	1190	rVV2	209323	445472	5.82%	0.438%
39	10.028	1190	1197	1202	rVV	1502447	2524758	32.98%	2.483%
40	10.069	1202	1204	1217	rVB3	165726	310844	4.06%	0.306%
41	10.181	1217	1223	1230	rBV2	127562	254827	3.33%	0.251%
42	10.346	1247	1251	1254	rVV2	81117	121124	1.58%	0.119%
43	10.399	1254	1260	1267	rVV	1622543	2660602	34.76%	2.617%
44	10.463	1267	1271	1275	rVB4	38175	62437	0.82%	0.061%
45	10.540	1276	1284	1299	rBV	1347441	2444998	31.94%	2.405%
46	10.663	1299	1305	1313	rBV9	47057	108910	1.42%	0.107%
47	10.828	1328	1333	1341	rBV10	27477	50939	0.67%	0.050%
48	11.110	1379	1381	1386	rVB3	28149	40695	0.53%	0.040%
49	11.246	1393	1404	1411	rVB9	83374	227146	2.97%	0.223%
50	11.316	1411	1416	1420	rBV8	26492	41017	0.54%	0.040%
51	11.381	1421	1427	1432	rVB7	51250	91603	1.20%	0.090%
52	11.610	1462	1466	1471	rVV3	60944	95740	1.25%	0.094%
53	11.752	1482	1490	1495	rBV	150540	278412	3.64%	0.274%
54	11.799	1495	1498	1502	rVB5	32207	52314	0.68%	0.051%
55	11.910	1511	1517	1527	rBV	2441301	4060688	53.05%	3.994%
56	12.016	1527	1535	1543	rVV	467384	852770	11.14%	0.839%
57	12.128	1551	1554	1560	rVB6	39065	64258	0.84%	0.063%
58	12.634	1634	1640	1646	rBV8	37879	76220	1.00%	0.075%
59	12.981	1695	1699	1707	rBV8	45737	124858	1.63%	0.123%
60	13.063	1707	1713	1718	rVV6	59276	143074	1.87%	0.141%
61	13.116	1718	1722	1729	rVB3	67862	119131	1.56%	0.117%
62	13.187	1729	1734	1738	rBV7	30056	70402	0.92%	0.069%
63	13.316	1751	1756	1761	rBV3	96490	147672	1.93%	0.145%
64	13.375	1761	1766	1775	rVB	103074	204039	2.67%	0.201%
65	13.451	1775	1779	1782	rBV6	32775	40859	0.53%	0.040%
66	13.499	1783	1787	1791	rBV6	36084	63973	0.84%	0.063%
67	13.687	1813	1819	1824	rBV	2860382	3816112	49.85%	3.754%
68	13.734	1824	1827	1832	rVB	73746	93404	1.22%	0.092%
69	13.822	1838	1842	1847	rBV7	59755	118455	1.55%	0.117%
70	13.957	1859	1865	1881	rVB	3078052	4574553	59.76%	4.500%
71	14.081	1882	1886	1891	rBV	210986	297598	3.89%	0.293%

LSC Area Percent Report

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Instrument : BNA_N
ClientSampleId : CB7P5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Title : SVOA CALIBRATION

72	14.198	1900	1906	1910	rVB2	242028	348969	4.56%	0.343%
73	14.269	1910	1918	1925	rBV2	2529197	3779875	49.38%	3.718%
74	14.481	1949	1954	1962	rBV	239740	413460	5.40%	0.407%
75	15.022	2041	2046	2052	rBV	442404	672649	8.79%	0.662%
76	15.269	2082	2088	2094	rBV	3891990	5456855	71.28%	5.367%
77	15.387	2103	2108	2114	rBV	957747	1238918	16.18%	1.219%
78	15.522	2125	2131	2134	rBV3	157531	297211	3.88%	0.292%
79	15.787	2171	2176	2185	rVB	834131	1087299	14.20%	1.069%
80	15.957	2199	2205	2211	rBV2	408071	682543	8.92%	0.671%
81	16.122	2230	2233	2236	rVB2	48946	56436	0.74%	0.056%
82	16.298	2258	2263	2269	rBV	540118	765847	10.00%	0.753%
83	16.351	2269	2272	2278	rVB2	142494	184079	2.40%	0.181%
84	16.569	2305	2309	2312	rBV2	154124	215205	2.81%	0.212%
85	16.604	2312	2315	2321	rVB3	332721	455922	5.96%	0.448%
86	17.016	2380	2385	2396	rVB	3001449	4291254	56.06%	4.221%
87	17.116	2396	2402	2410	rBV	4526196	6259838	81.77%	6.157%
88	17.210	2414	2418	2423	rVB	388494	516927	6.75%	0.508%
89	17.928	2535	2540	2545	rBV	463863	639296	8.35%	0.629%
90	18.216	2586	2589	2594	rBV4	92320	136043	1.78%	0.134%
91	18.704	2668	2672	2680	rVB2	266882	398489	5.21%	0.392%
92	19.216	2756	2759	2766	rVB5	142372	176641	2.31%	0.174%
93	19.422	2788	2794	2799	rBV	5497770	7341126	95.90%	7.221%
94	19.475	2799	2803	2809	rVB	745347	947991	12.38%	0.932%
95	20.916	3045	3048	3049	rBV	187357	189115	2.47%	0.186%
96	20.939	3049	3052	3059	rVB	793151	959956	12.54%	0.944%
97	21.222	3095	3100	3107	rBV	3709194	4838529	63.21%	4.759%
98	22.263	3275	3277	3284	rVB	401753	529421	6.92%	0.521%
99	23.280	3443	3450	3461	rVB	4210652	7655171	100.00%	7.530%
100	23.416	3467	3473	3483	rVB2	2698994	4846568	63.31%	4.767%

Sum of corrected areas: 101666256

LSC Report - Integrated Chromatogram

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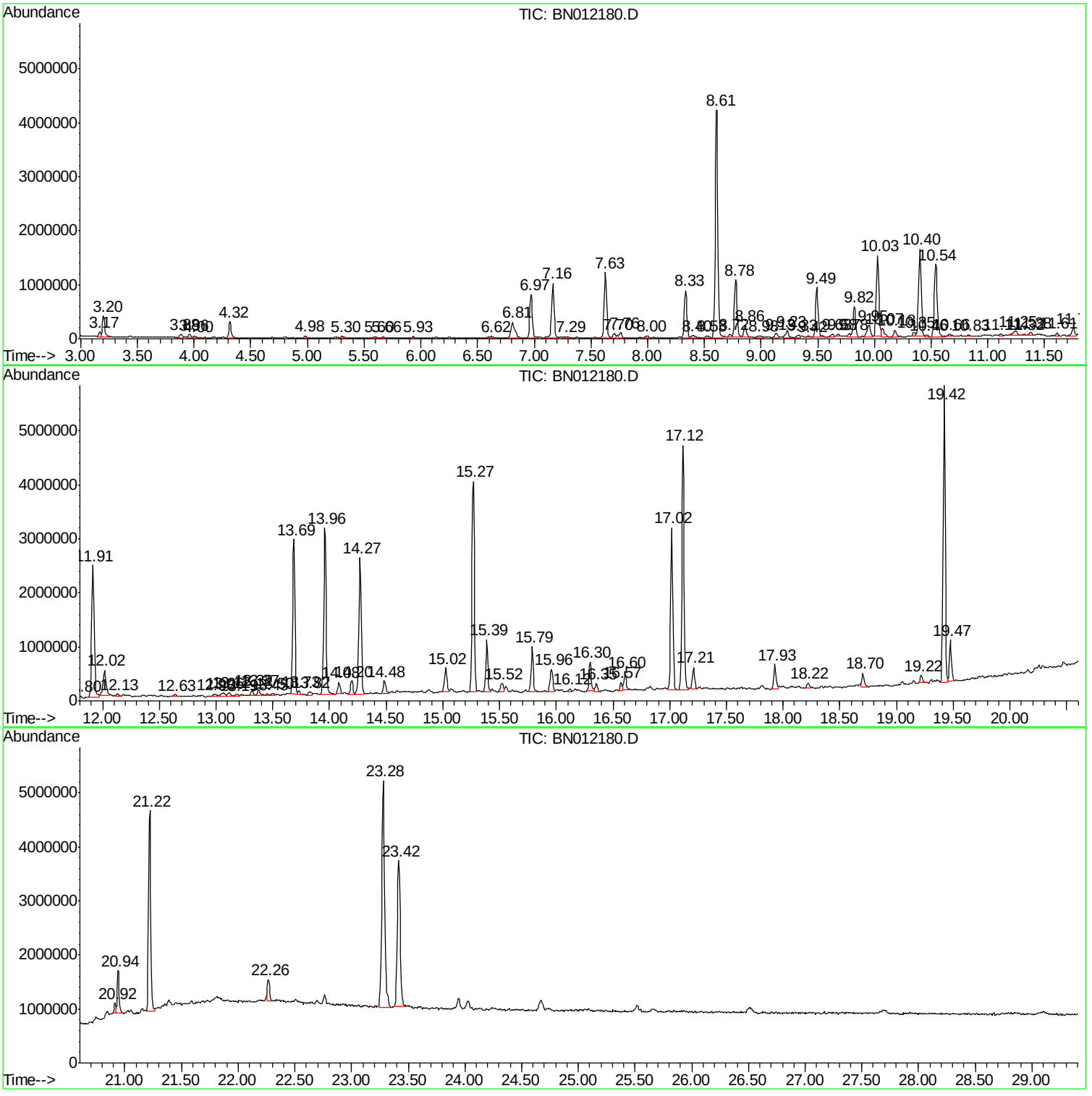
Data File : BN012180.D
Acq On : 14 Oct 2020 03:51
Operator : CG/JU
Sample : L4359-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

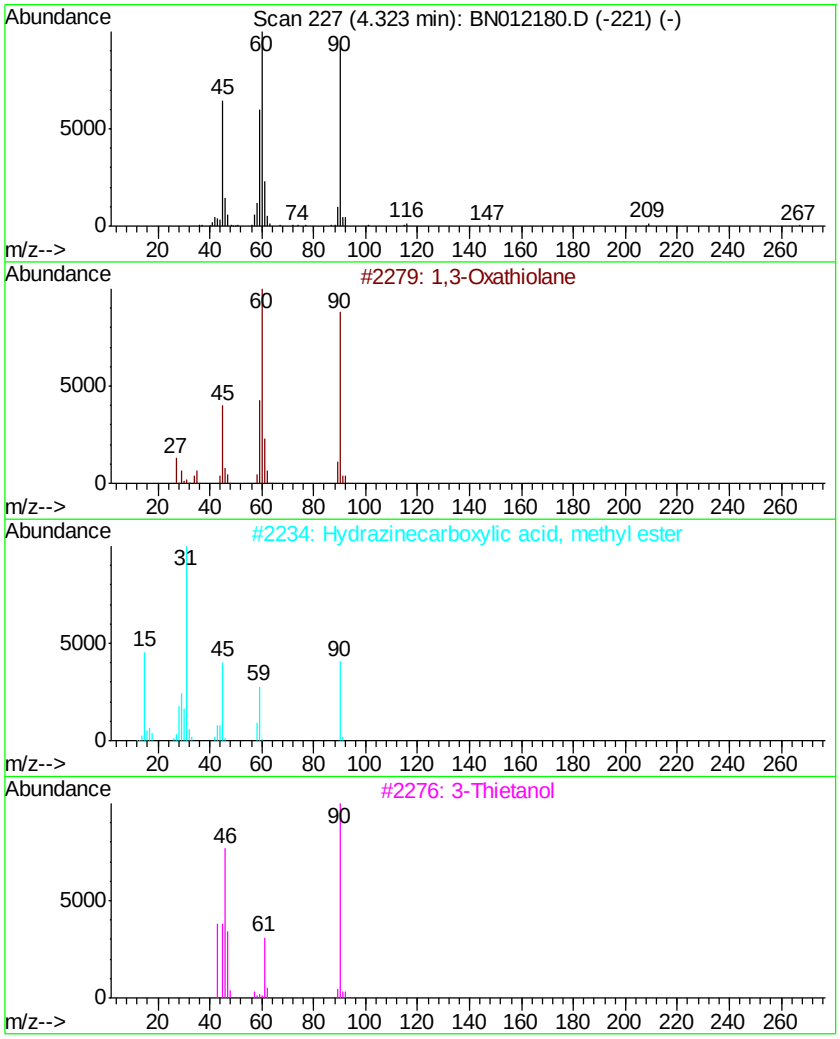
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

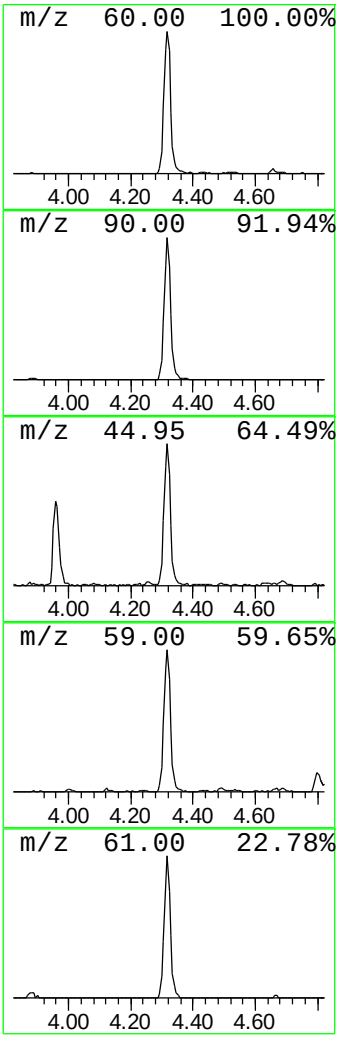
****

Peak Number 1 1,3-Oxathiolane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	4.62 ng/ul	448338	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	91
2	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	59
3	3-Thietanol	90	C3H6OS	010304-16-2	53
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
5	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012180.D
Acq On : 14 Oct 2020 03:51
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Sample : L4359-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

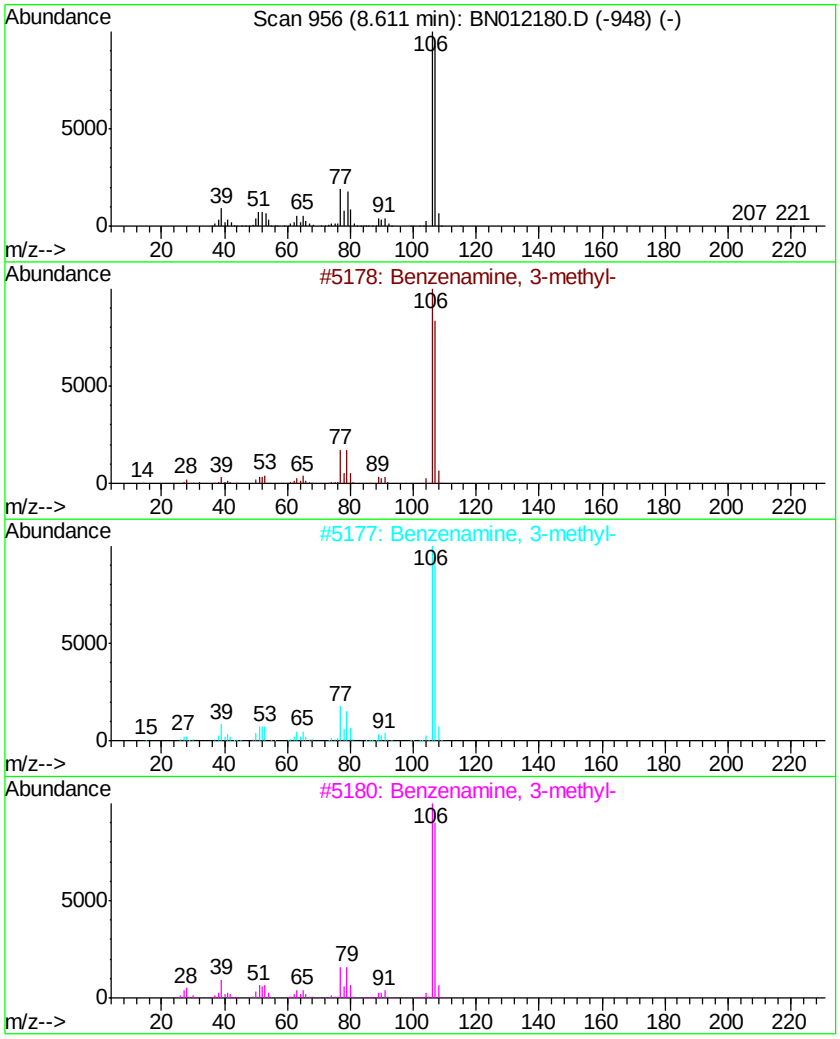
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

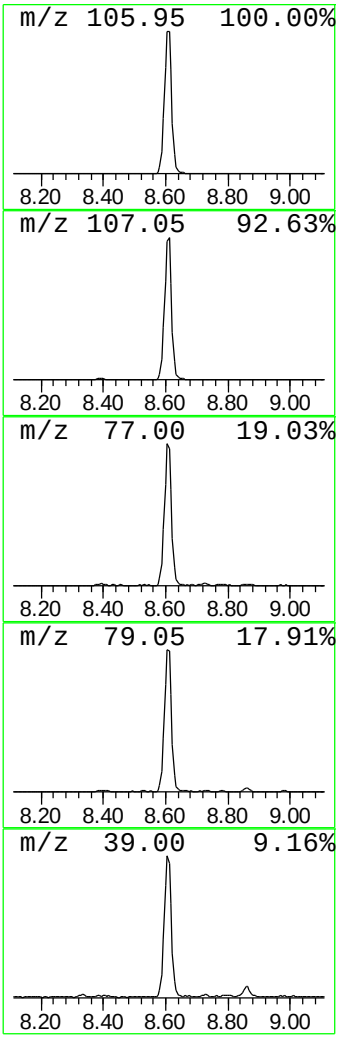
****

Peak Number 2 Benzenamine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	70.53 ng/ul	6849520	1,4-Dichlorobenzene-d4	7.63

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	97
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	96
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95





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Quant Title : SVOA CALIBRATION

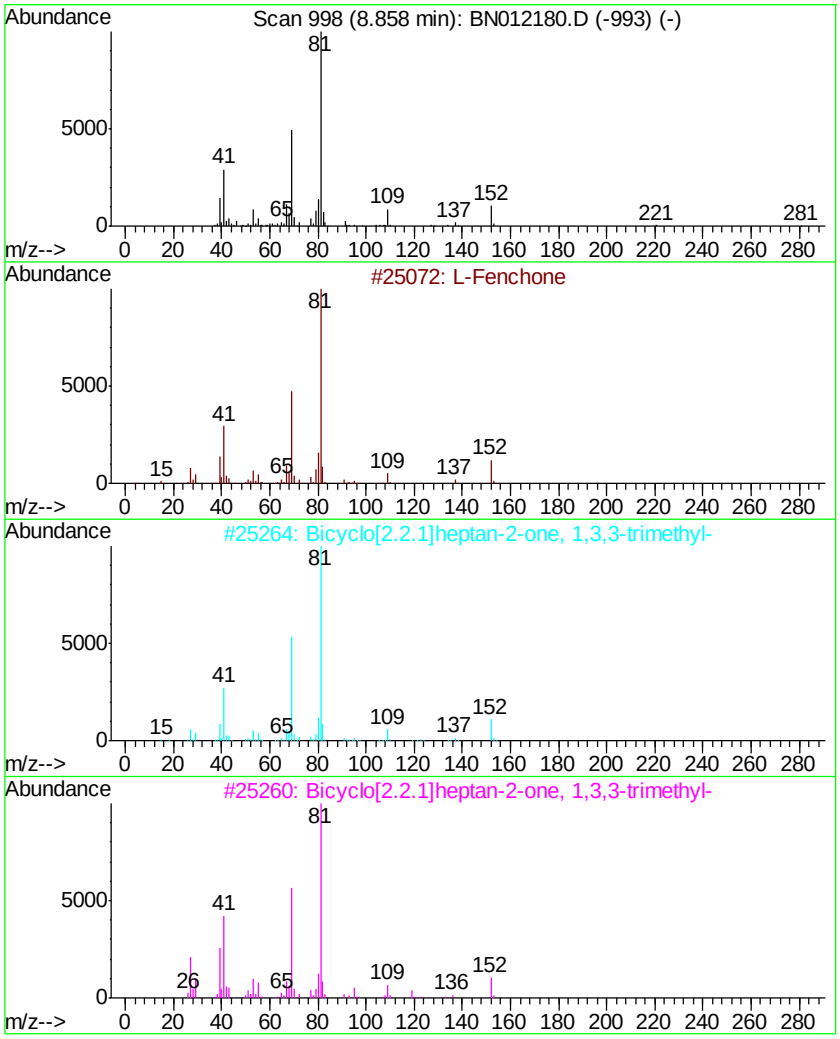
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

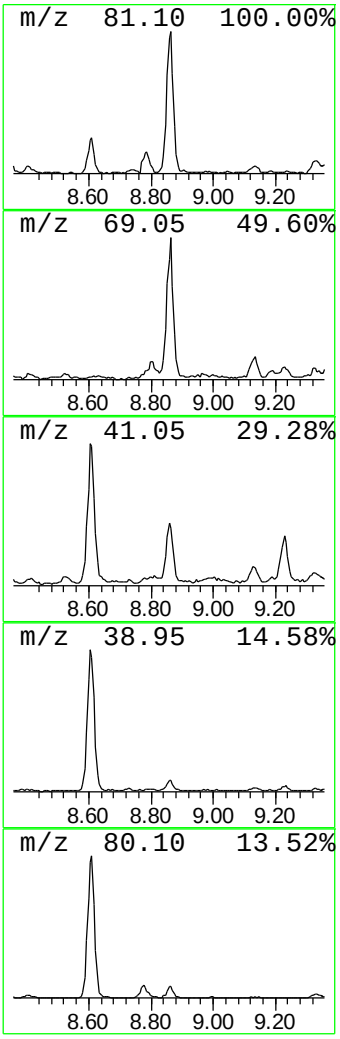
****

Peak Number 3 L-Fenchone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	3.46 ng/ul	336087	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Fenchone	152	C10H16O	007787-20-4	87
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	81
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	72
4	Ethanone, 1-(2-methyl-2-cyclopen...	124	C8H12O	001767-84-6	40
5	2-Cyclopentene-1-carboxylic acid...	140	C8H12O2	068317-73-7	40





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Quant Title : SVOA CALIBRATION

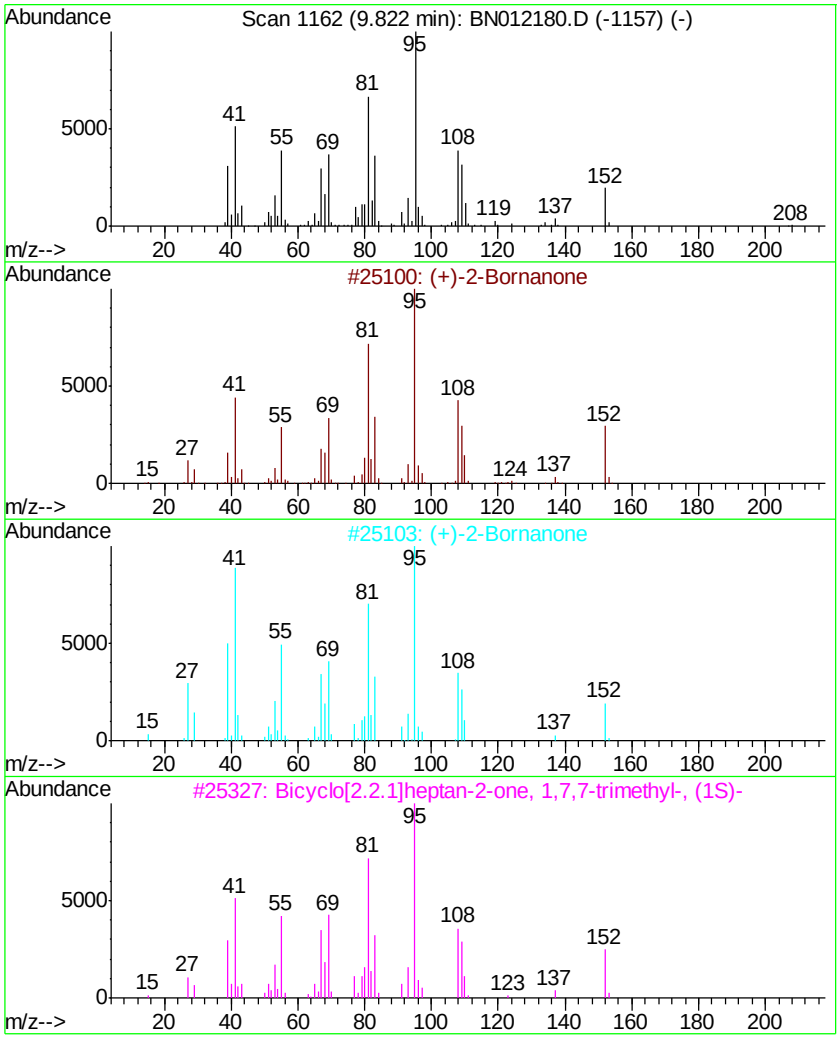
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

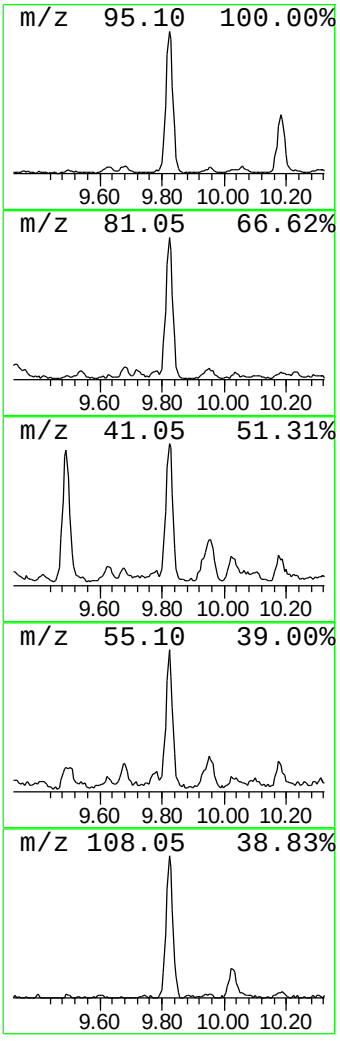
****

Peak Number 4 (+)-2-Bornanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	6.88 ng/ul	914732	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
5	Camphor	152	C10H16O	000076-22-2	96





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Instrument : BNA_N
ClientSampleId : CB7P5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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

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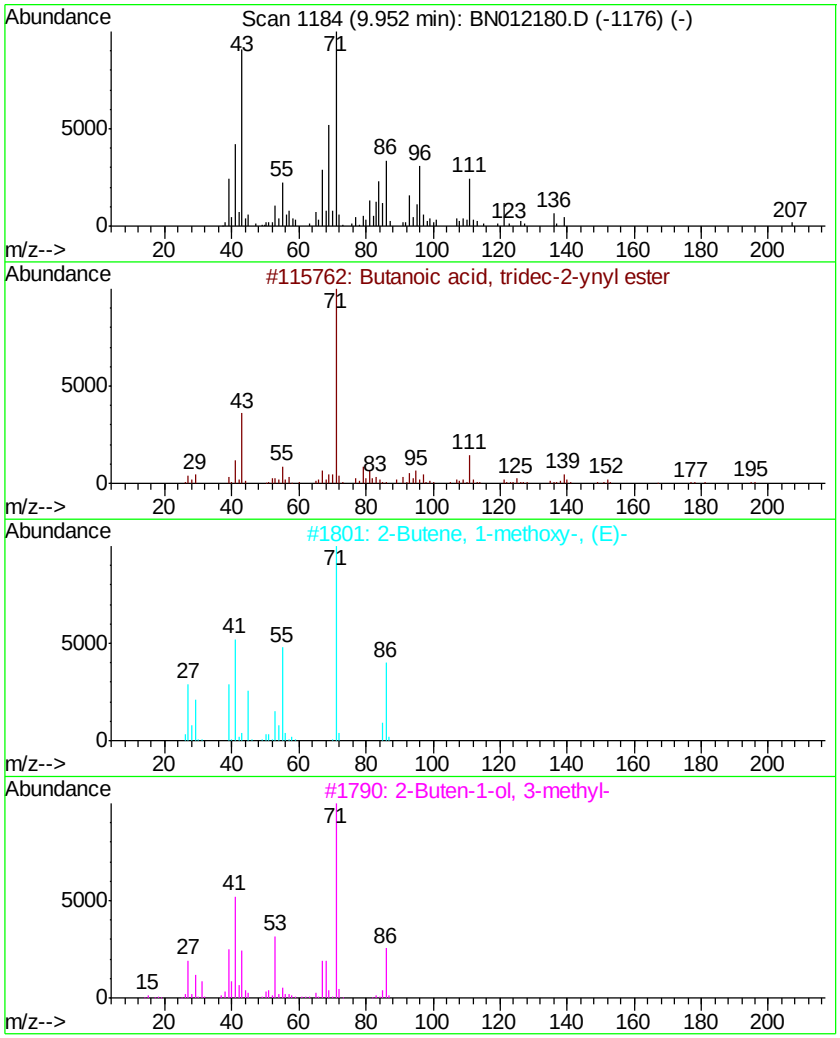
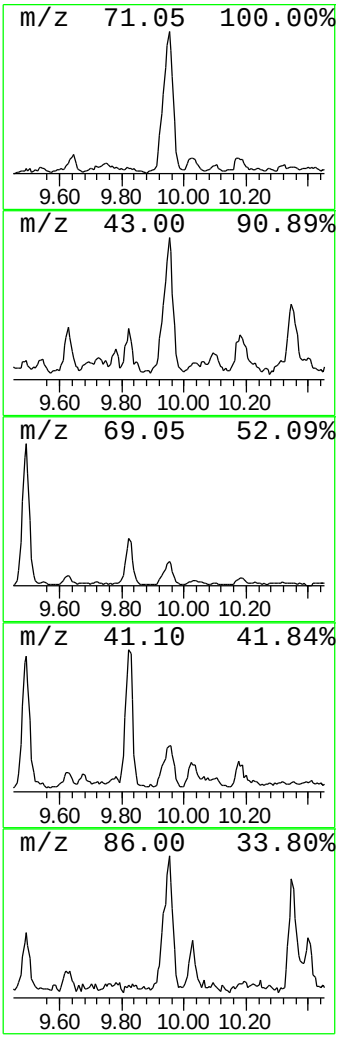
Peak Number 5 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.35 ng/ul	445472	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, tridec-2-ynyl ester	266	C17H30O2	1000299-12-6	46
2	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	43
3	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	43
4	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	38
5	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	38





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Acq On : 14 Oct 2020 03:51
Operator : CG/JU
Sample : L4359-12
Misc :
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Instrument : BNA_N
ClientSampleId : CB7P5

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Quant Title : SVOA CALIBRATION

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

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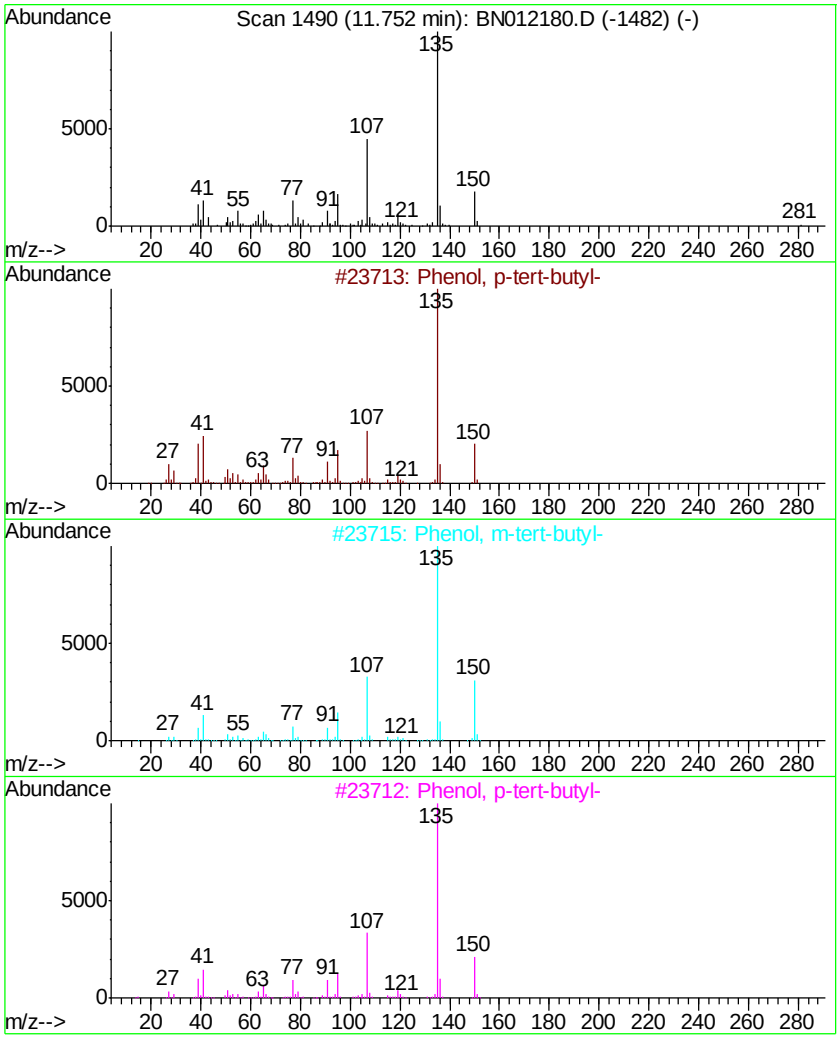
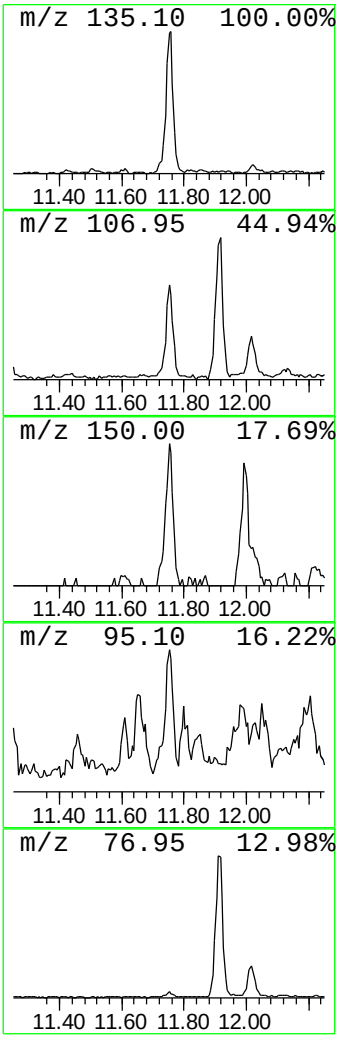
Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.09 ng/ul	278412	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	93
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90





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Quant Title : SVOA CALIBRATION

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

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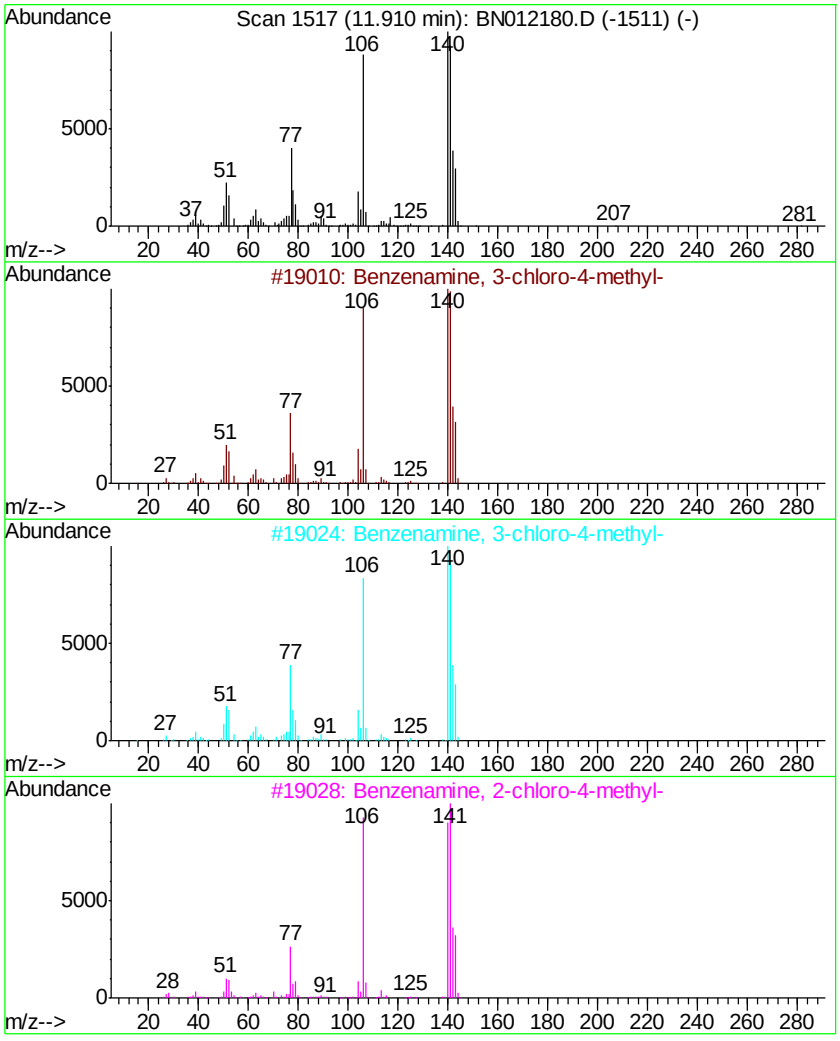
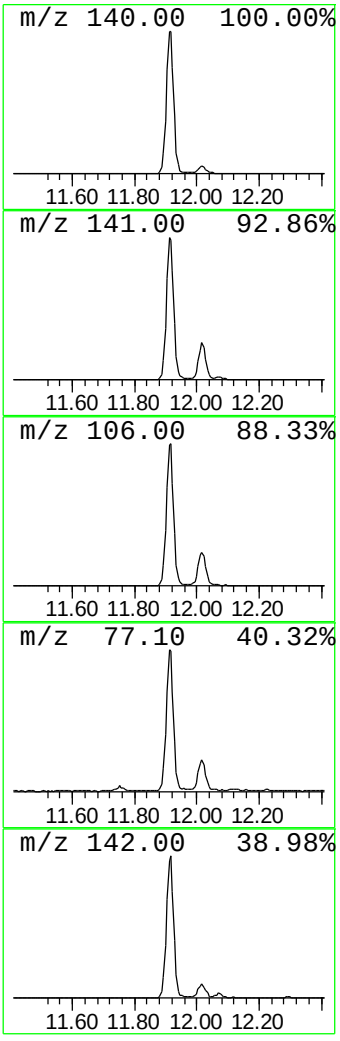
Peak Number 7 Benzenamine, 3-chloro-4-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	30.52 ng/ul	4060690	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
2	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
3	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	95
4	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	95
5	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	94





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Quant Title : SVOA CALIBRATION

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

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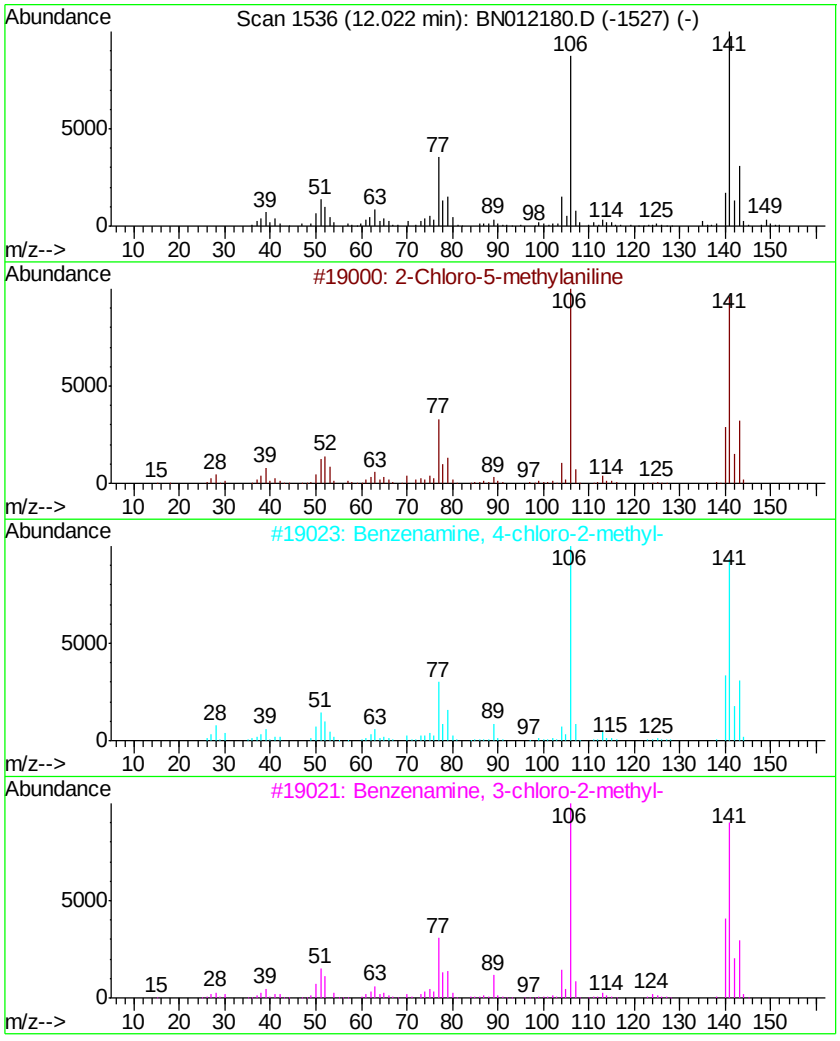
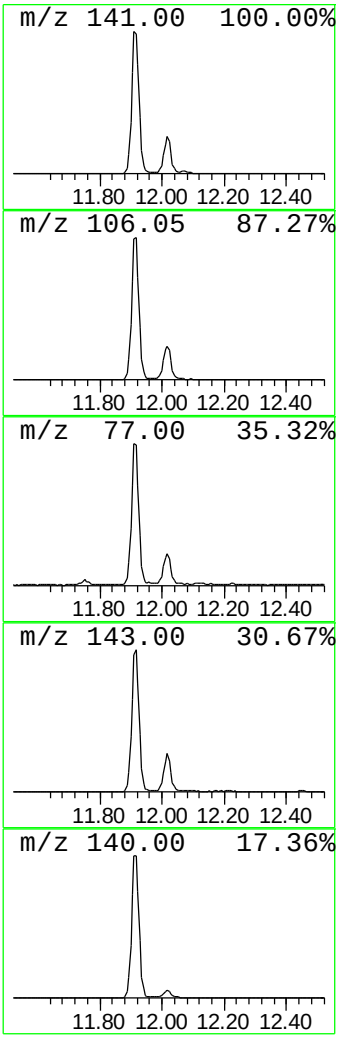
Peak Number 8 2-Chloro-5-methylaniline Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.41 ng/ul	852770	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-methylaniline	141	C7H8ClN	000095-81-8	95
2	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	93
3	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	93
4	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	93
5	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	93





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Quant Title : SVOA CALIBRATION

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

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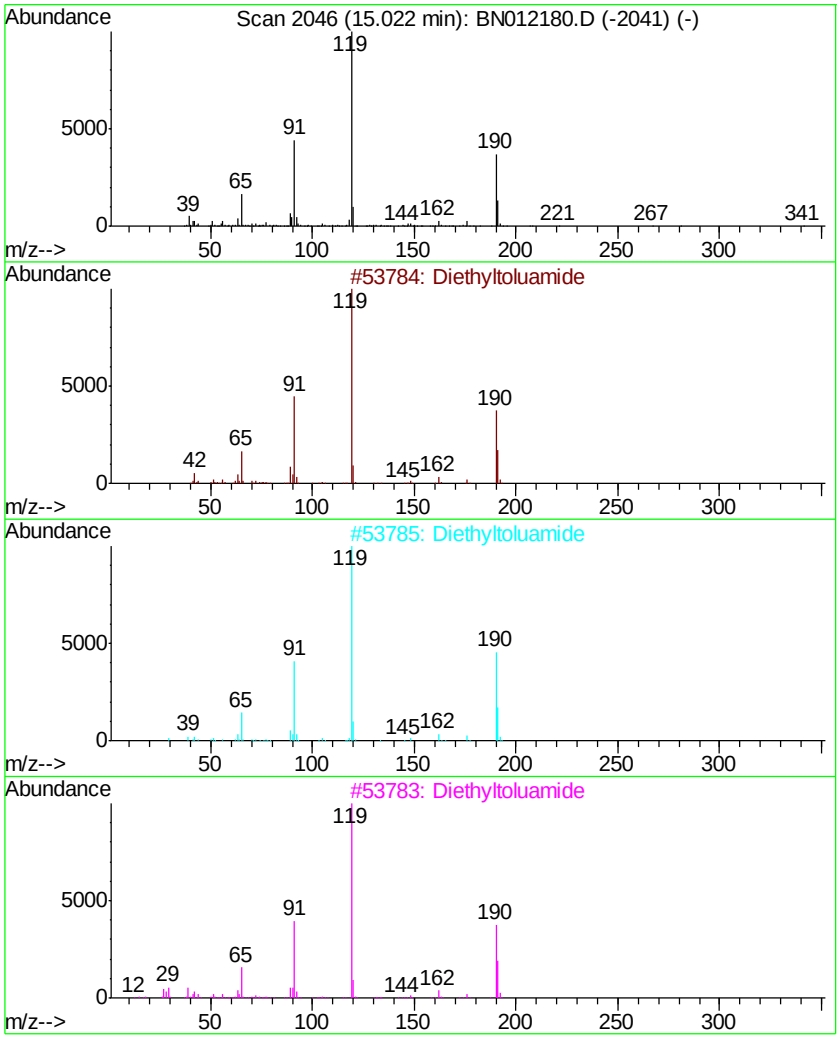
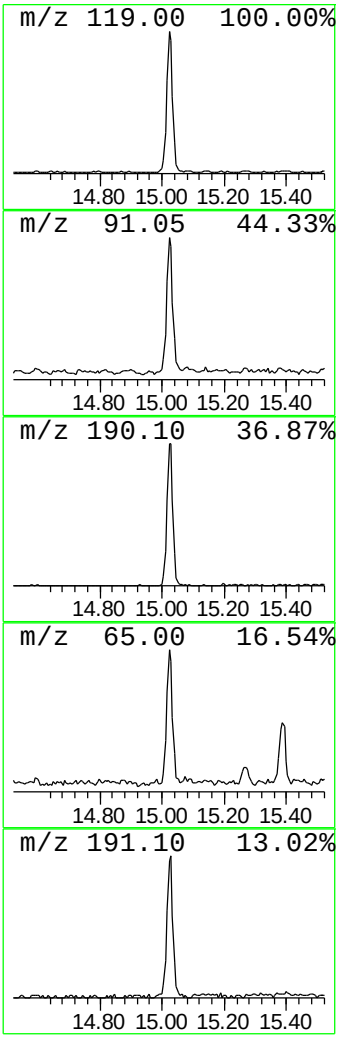
Peak Number 9 Diethyltoluamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	3.56 ng/ul	672649	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	95
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	83
5	L-Valine, N-(4-methylbenzoyl)-, ...	319	C19H29NO3	1000346-64-2	78





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Instrument : BNA_N
ClientSampleId : CB7P5

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Quant Title : SVOA CALIBRATION

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

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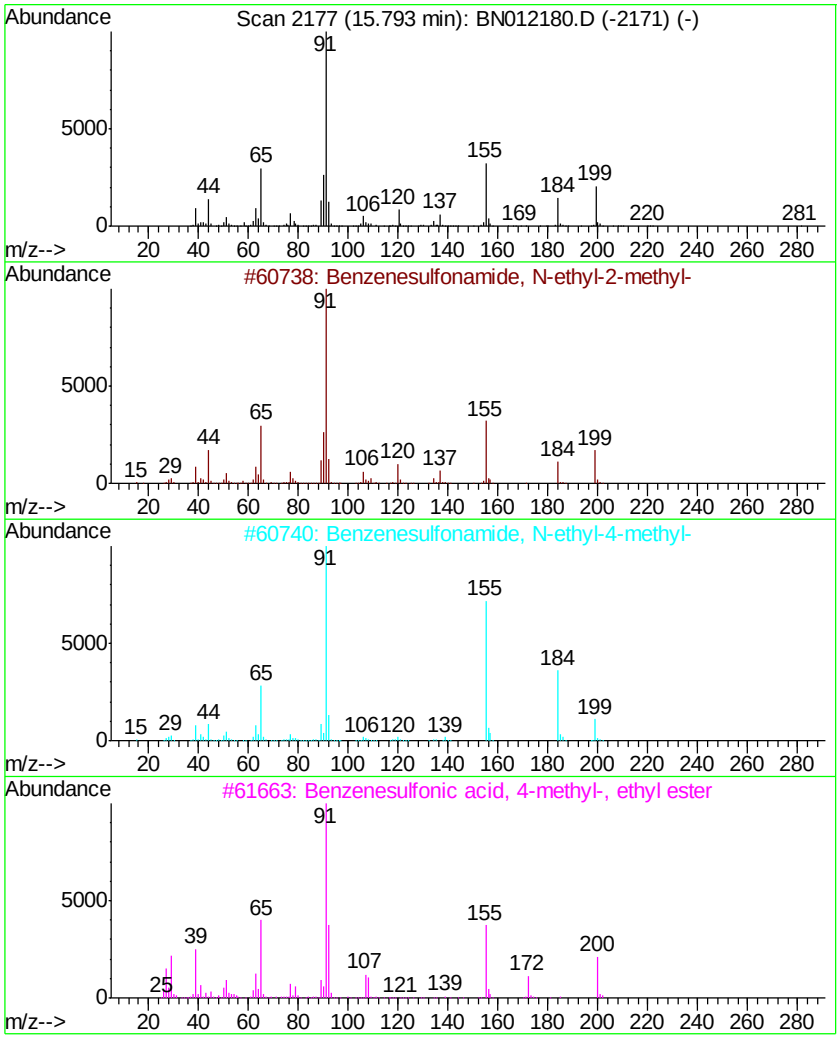
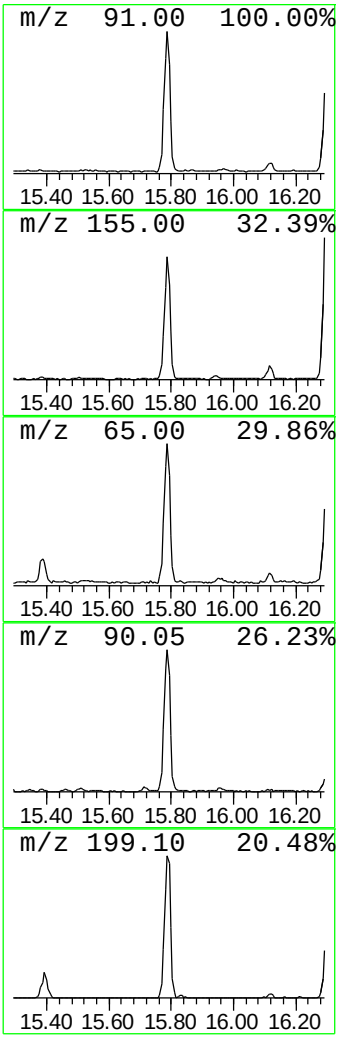
Peak Number 10 Benzenesulfonamide, N-ethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	5.07 ng/ul	1087300	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	98
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	59
3	Benzenesulfonic acid, 4-methyl-,...	200	C9H12O3S	000080-40-0	53
4	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	50
5	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	50





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Quant Title : SVOA CALIBRATION

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

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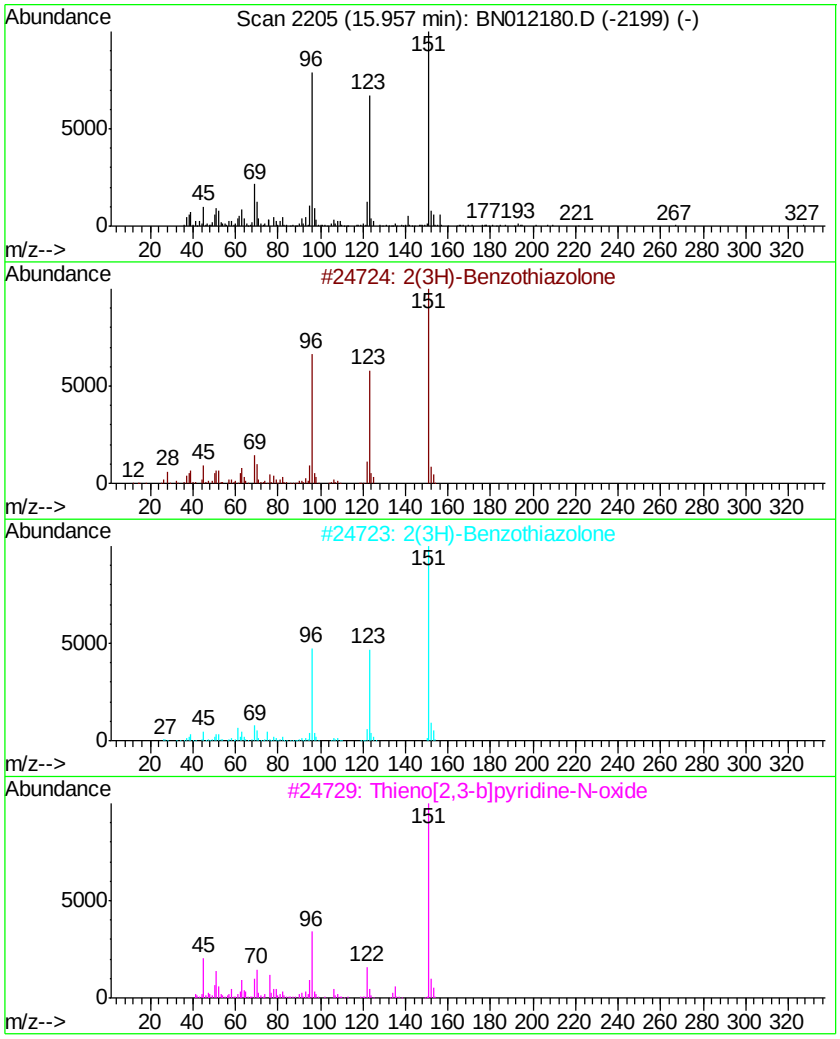
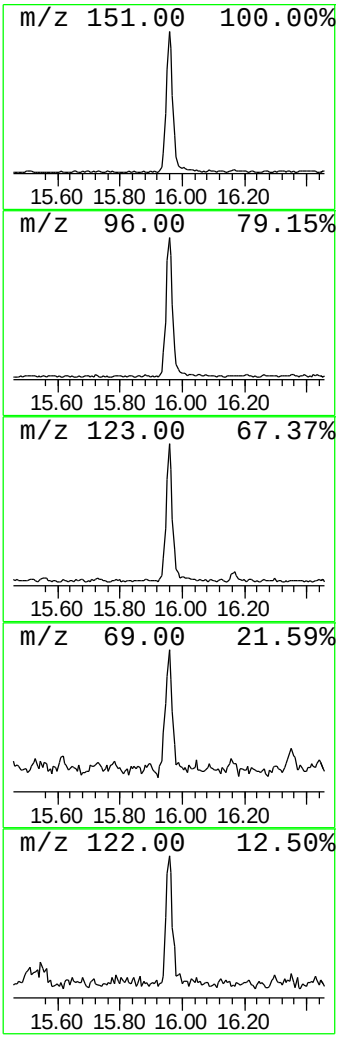
Peak Number 11 2(3H)-Benzothiazolone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.18 ng/ul	682543	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	95
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	46
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	43
5	4-Methoxyformanilide	151	C8H9NO2	005470-34-8	35





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Quant Title : SVOA CALIBRATION

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

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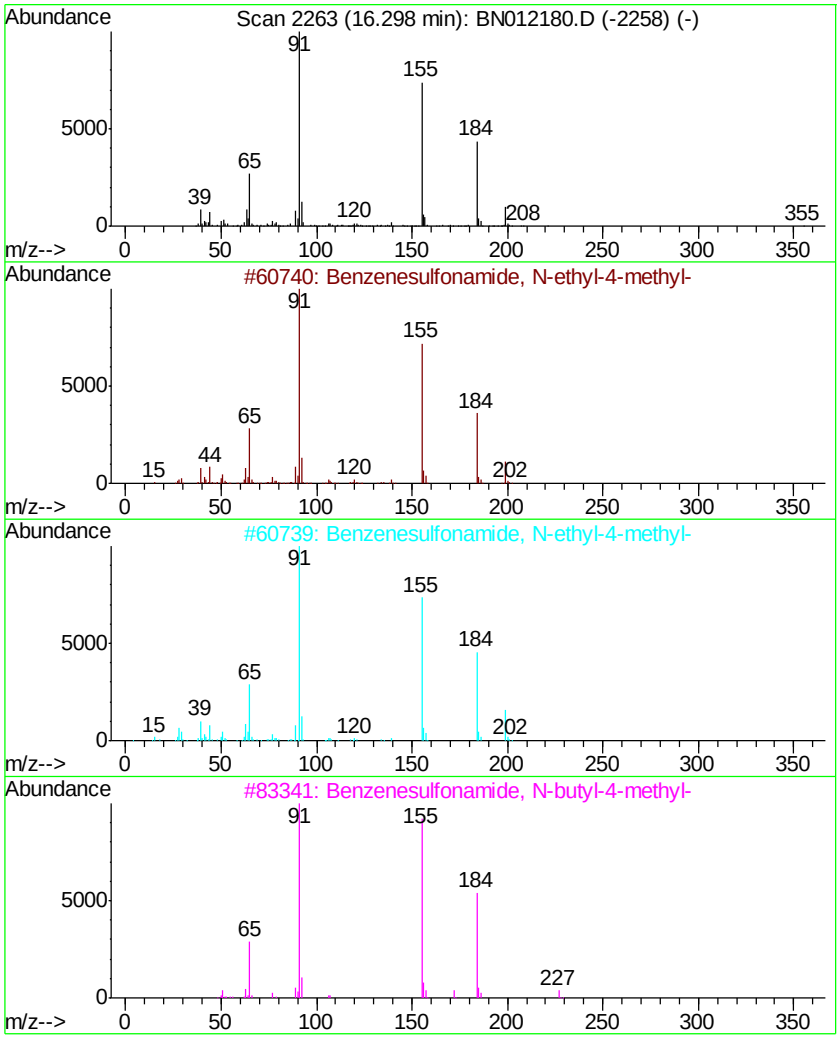
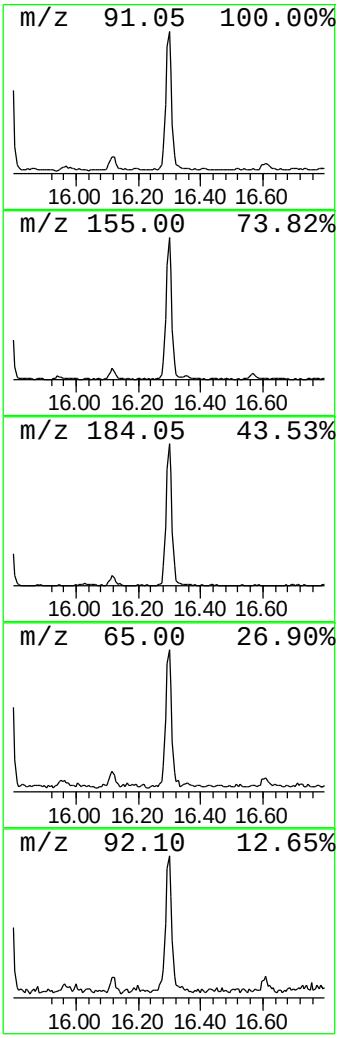
Peak Number 12 Benzenesulfonamide, N-ethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	3.57 ng/ul	765847	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	98
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
3	Benzenesulfonamide, N-butyl-4-me...	227	C11H17NO2S	001907-65-9	91
4	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	90
5	Carbamic acid, methyl[(4-methylp...	243	C10H13NO4S	032258-50-7	83





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Misc :
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Instrument : BNA_N
ClientSampleId : CB7P5

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Quant Title : SVOA CALIBRATION

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

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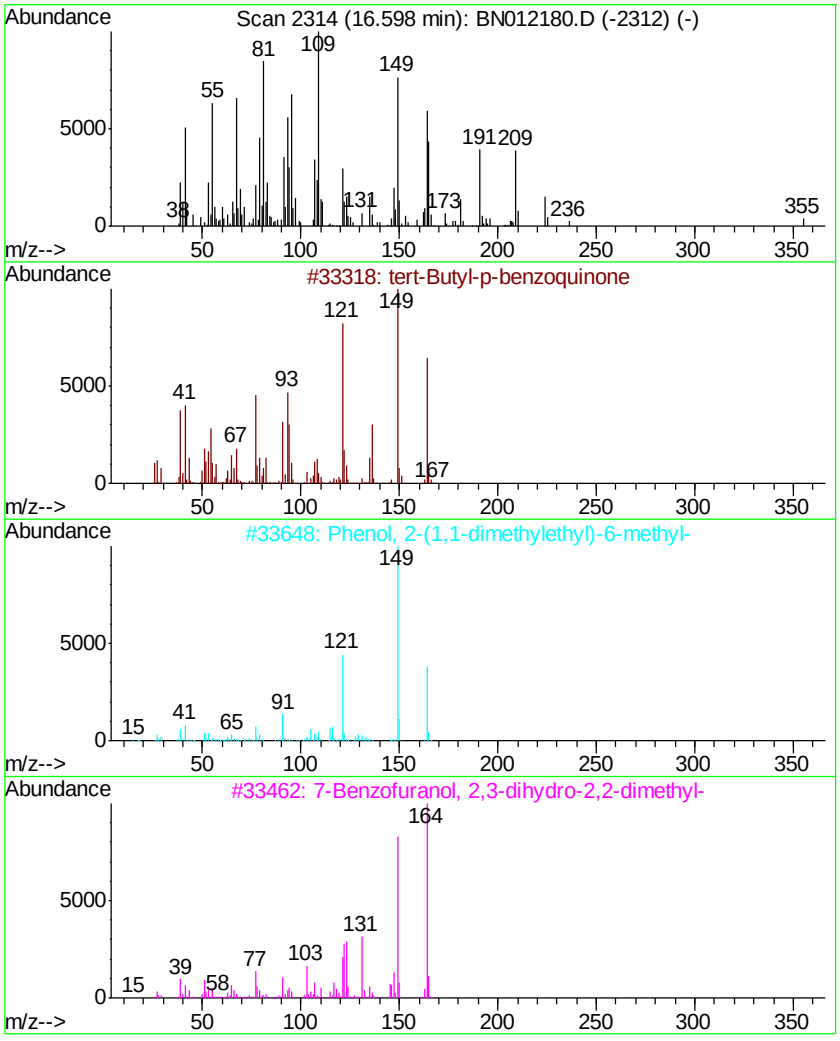
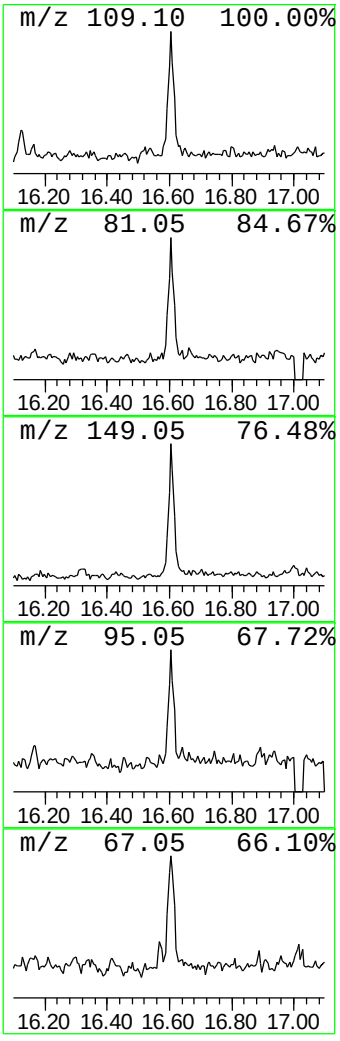
Peak Number 13 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.12 ng/ul	455922	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyl-p-benzoquinone	164	C10H12O2	003602-55-9	20
2	Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	18
3	7-Benzofuranol, 2,3-dihydro-2,2-...	164	C10H12O2	001563-38-8	18
4	1,4-Benzenediamine, N,N,N',N'-te...	164	C10H16N2	000100-22-1	14
5	2-tert-Butyl-6-methylphenol, ace...	206	C13H18O2	1000364-92-4	14





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Quant Title : SVOA CALIBRATION

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

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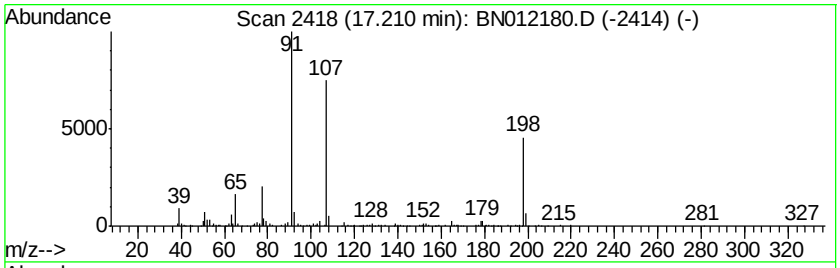
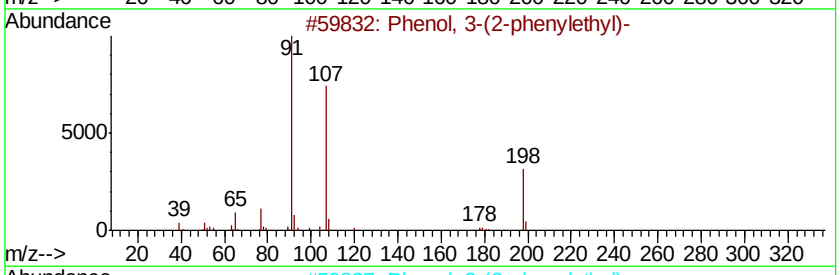
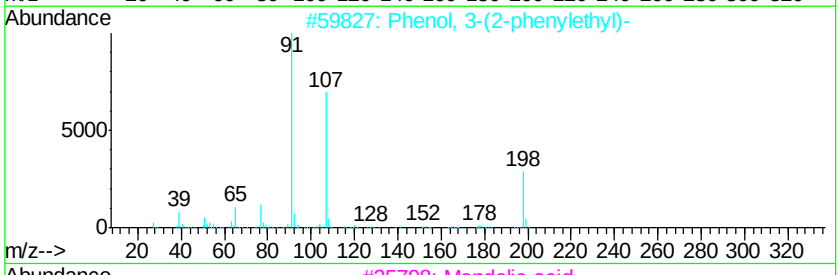
Peak Number 14 Phenol, 3-(2-phenylethyl)- Concentration Rank 15

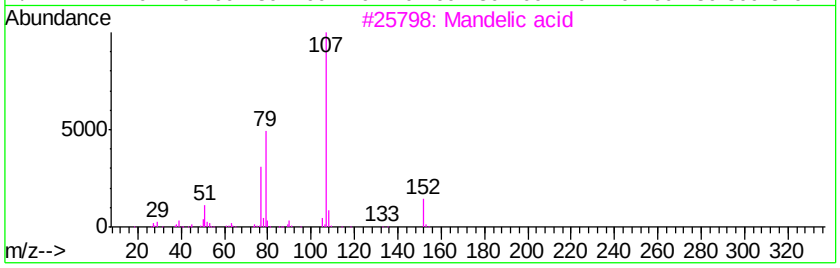
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	2.41 ng/ul	516927	Phenanthrene-d10	17.02

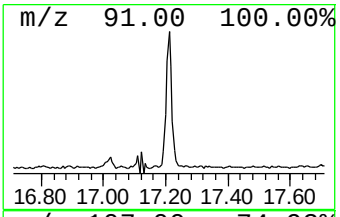
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	90
2	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	90
3	Mandelic acid	152	C8H8O3	000090-64-2	43
4	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	43
5	o-Toluidine	107	C7H9N	000095-53-4	38

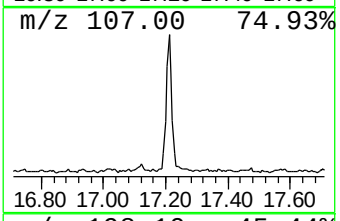


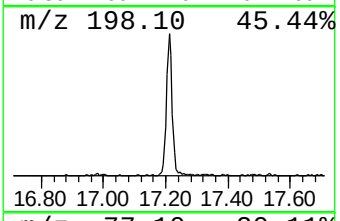


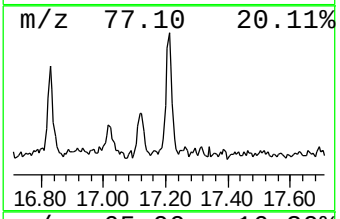


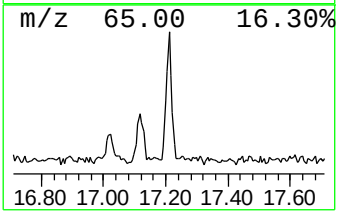












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Quant Title : SVOA CALIBRATION

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

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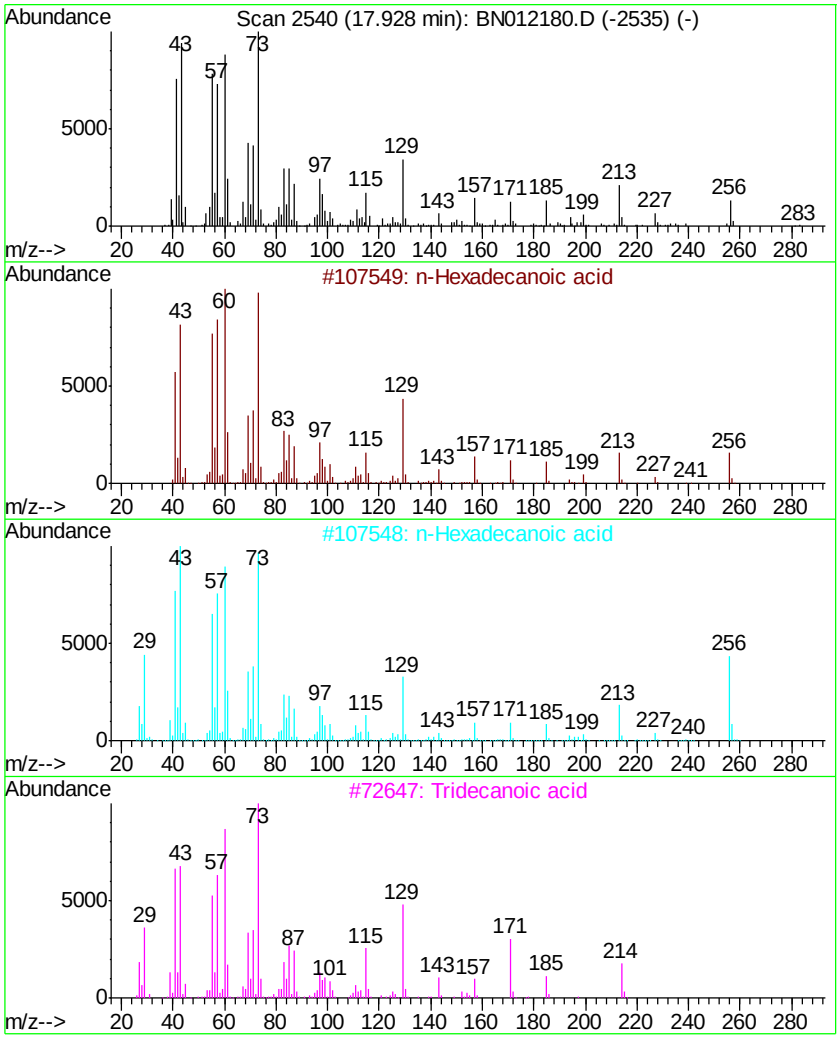
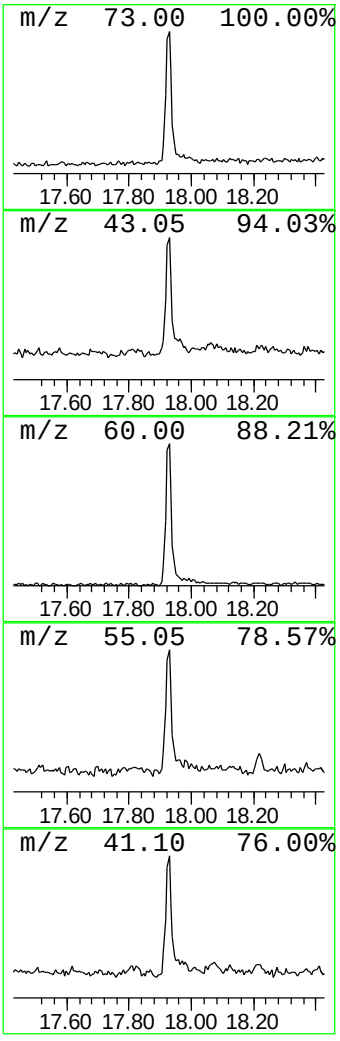
Peak Number 15 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.98 ng/ul	639296	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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Acq On : 14 Oct 2020 03:51
Operator : CG/JU
Sample : L4359-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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

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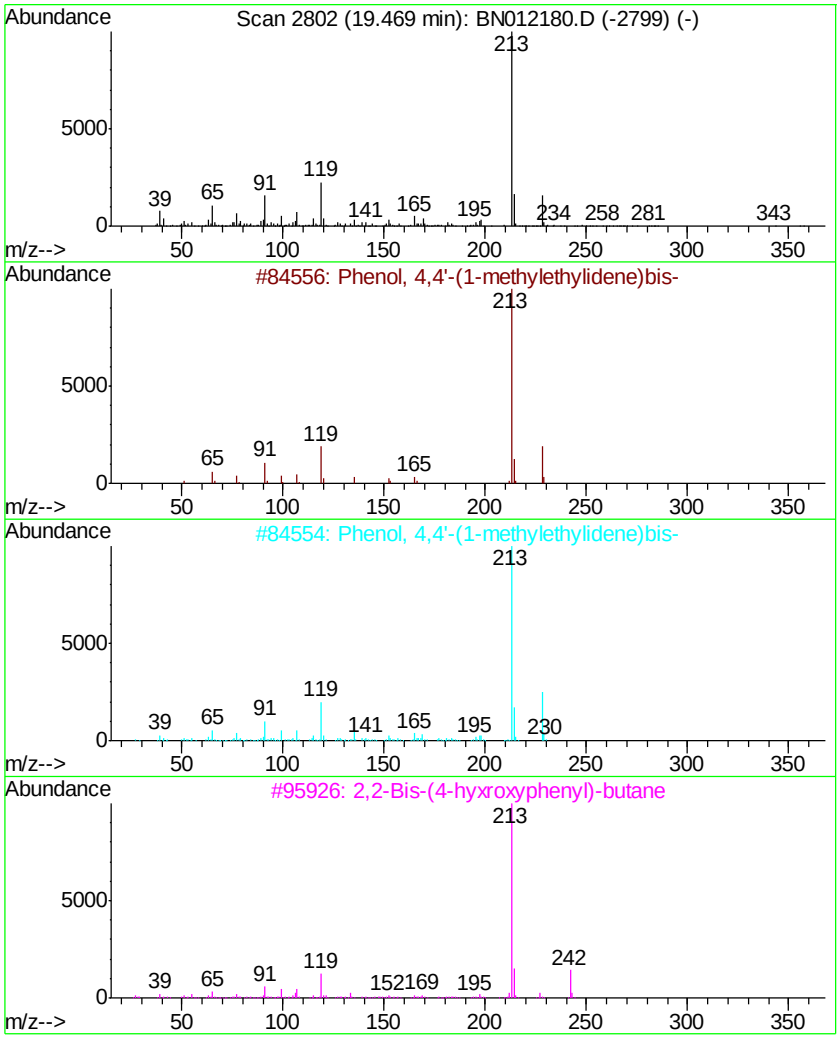
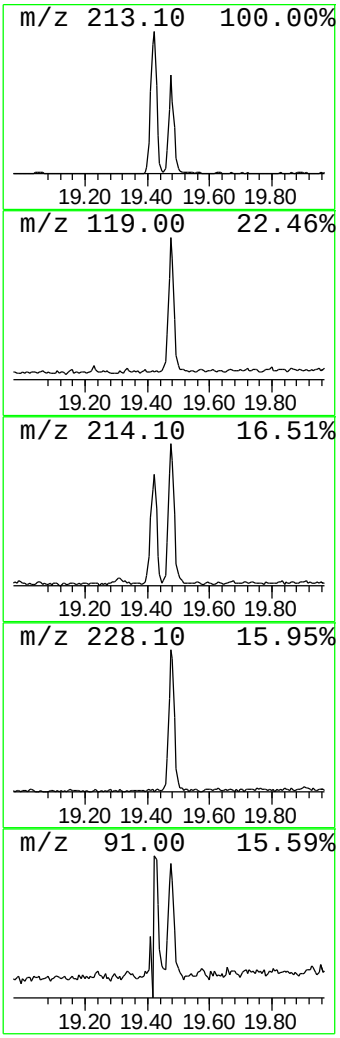
Peak Number 16 Phenol, 4,4'-(1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	3.92 ng/ul	947991	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	72
4	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	60
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012180.D
Acq On : 14 Oct 2020 03:51
Operator : CG/JU
Sample : L4359-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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

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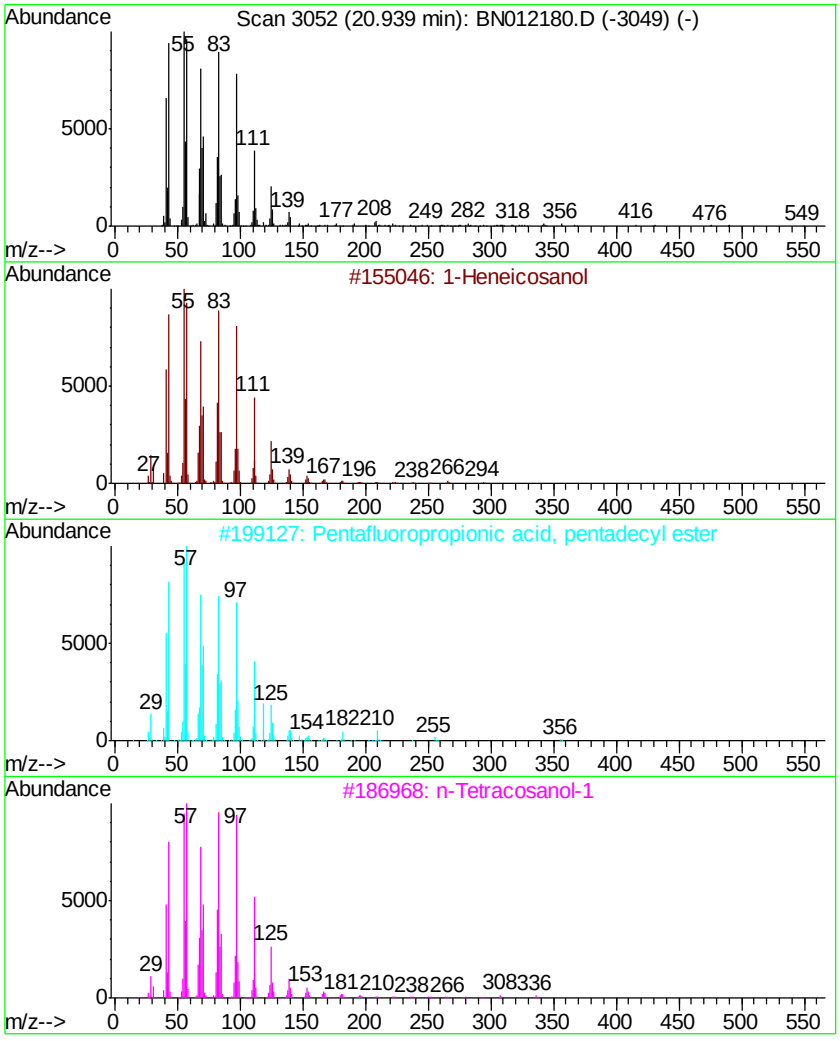
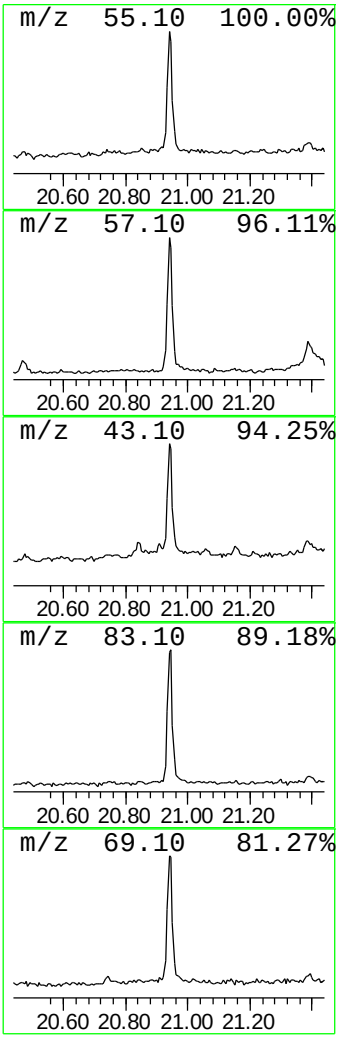
Peak Number 17 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.97 ng/ul	959956	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Nonadecene	266	C19H38	018435-45-5	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012180.D
Acq On : 14 Oct 2020 03:51
Operator : CG/JU
Sample : L4359-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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

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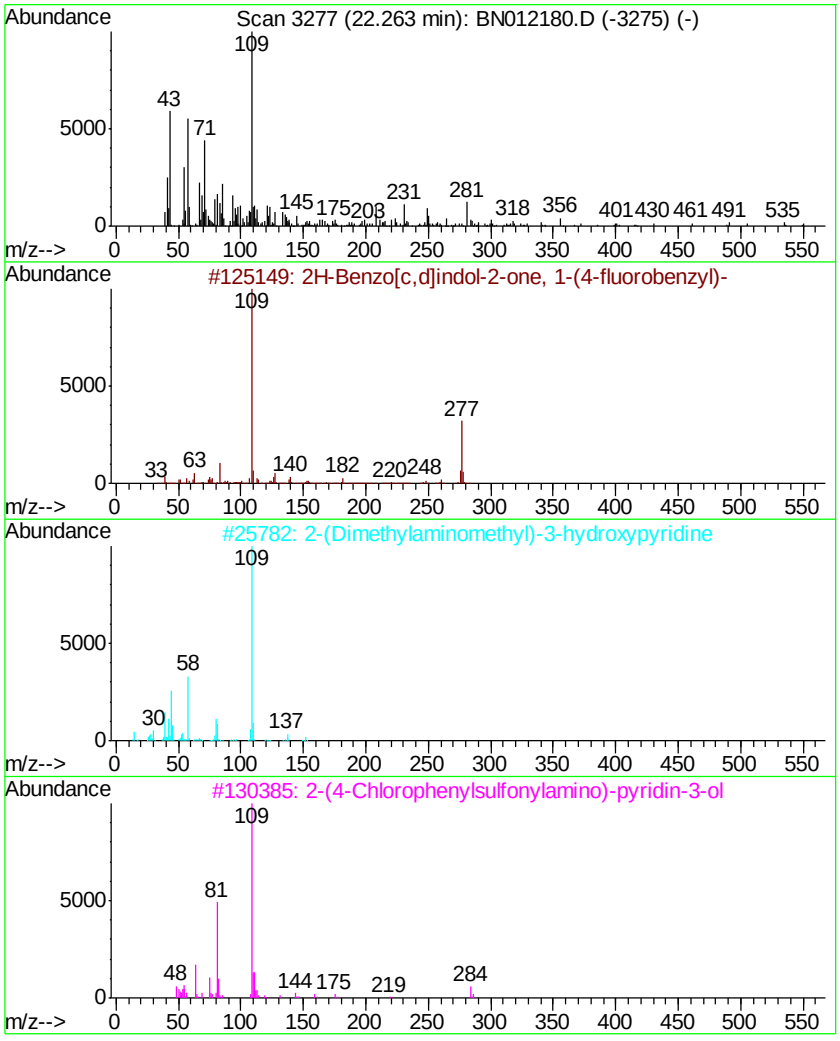
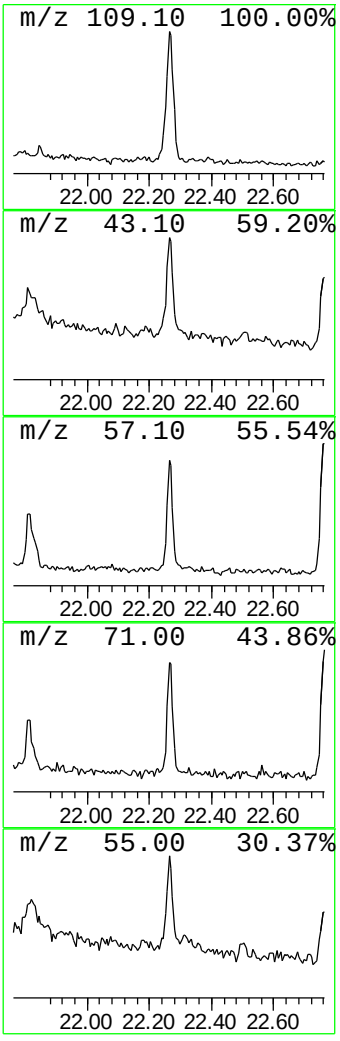
Peak Number 18 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.19 ng/ul	529421	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benzo[c,d]indol-2-one, 1-(4-f...	277	C18H12FNO	299919-74-7	41
2	2-(Dimethylaminomethyl)-3-hydrox...	152	C8H12N2O	002168-13-0	38
3	2-(4-Chlorophenylsulfonylamino)-...	284	C11H9ClN2O3S	296772-59-3	38
4	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	35
5	Heptacosane	380	C27H56	000593-49-7	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101320\
Data File : BN012180.D
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Operator : CG/JU
Sample : L4359-12
Misc :
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Instrument : BNA_N
ClientSampleId : CB7P5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.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	4.32	4.6	ng/ul	448338	1	7.63	1942400	20.0
Benzenamine, 3-me...	8.61	70.5	ng/ul	6849520	1	7.63	1942400	20.0
L-Fenchone	8.86	3.5	ng/ul	336087	1	7.63	1942400	20.0
(+)-2-Bornanone	9.82	6.9	ng/ul	914732	2	10.40	2660600	20.0
unknown-01	9.95	3.4	ng/ul	445472	2	10.40	2660600	20.0
Phenol, p-tert-bu...	11.75	2.1	ng/ul	278412	2	10.40	2660600	20.0
Benzenamine, 3-ch...	11.91	30.5	ng/ul	4060690	2	10.40	2660600	20.0
2-Chloro-5-methyl...	12.02	6.4	ng/ul	852770	2	10.40	2660600	20.0
Diethyltoluamide	15.02	3.6	ng/ul	672649	3	14.27	3779880	20.0
Benzenesulfonamid...	15.79	5.1	ng/ul	1087300	4	17.02	4291250	20.0
2(3H)-Benzothiazo...	15.96	3.2	ng/ul	682543	4	17.02	4291250	20.0
Benzenesulfonamid...	16.30	3.6	ng/ul	765847	4	17.02	4291250	20.0
unknown-02	16.60	2.1	ng/ul	455922	4	17.02	4291250	20.0
Phenol, 3-(2-phen...	17.21	2.4	ng/ul	516927	4	17.02	4291250	20.0
n-Hexadecanoic acid	17.93	3.0	ng/ul	639296	4	17.02	4291250	20.0
Phenol, 4,4'-(1-m...	19.47	3.9	ng/ul	947991	5	21.22	4838530	20.0
1-Heneicosanol	20.94	4.0	ng/ul	959956	5	21.22	4838530	20.0
unknown-03	22.26	2.2	ng/ul	529421	5	21.22	4838530	20.0