LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011534.D
Acq On : 20 Aug 2020 21:29
Operator : CG/JU
Sample : L3668-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

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-BN081420MA.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	5.146	362	367	377	rVB2	35179	72098	0.23%	0.070%
2	5.499	419	427	432	rBV3	40128	71682	0.23%	0.069%
3	6.628	615	619	626	rVB	99012	145598	0.47%	0.141%
4	6.781	639	645	651	rBV	367577	584782	1.88%	0.566%
5	6.969	670	677	691	rVV	459466	721694	2.32%	0.699%
6	7.081	691	696	703	rVV	73955	108509	0.35%	0.105%
7	7.152	703	708	716	rVB	68207	105507	0.34%	0.102%
8	7.422	748	754	765	rBV	469966	727611	2.34%	0.704%
9	7.534	769	773	780	rVB	39371	55577	0.18%	0.054%
10	7.787	810	816	824	rBV	318810	484162	1.56%	0.469%
11	7.946	834	843	852	rBV	1292886	1996728	6.41%	1.933%
12	8.134	869	875	884	rBV	303438	464147	1.49%	0.449%
13	8.564	942	948	957	rVB	441175	753859	2.42%	0.730%
14	8.752	974	980	987	rBV	63115	98945	0.32%	0.096%
15	8.875	991	1001	1007	rVV	149057	310005	1.00%	0.300%
16	8.934	1007	1011	1018	rVB	44321	70706	0.23%	0.068%
17	9.269	1062	1068	1077	rVV	411705	665644	2.14%	0.644%
18	9.434	1089	1096	1100	rBV	42182	64253	0.21%	0.062%
19	9.587	1113	1122	1132	rBV5	87262	240906	0.77%	0.233%
20	9.681	1132	1138	1141	rBV	56610	101119	0.32%	0.098%
21	9.805	1151	1159	1167	rBV	636820	1063466	3.42%	1.030%
22	10.169	1214	1221	1224	rVV	571025	1018461	3.27%	0.986%
23	10.234	1224	1232	1242	rVV	17534845	31133575	100.00%	30.142%
24	10.334	1242	1249	1262	rVB	1377976	2264404	7.27%	2.192%
25	11.269	1402	1408	1413	rBV2	83890	146466	0.47%	0.142%
26	11.722	1479	1485	1496	rVB	120518	200931	0.65%	0.195%
27	11.834	1497	1504	1514	rBV	437321	704012	2.26%	0.682%
28	11.957	1520	1525	1530	rVB2	51764	93181	0.30%	0.090%
29	12.057	1531	1542	1551	rVV	1670989	2814291	9.04%	2.725%
30	12.228	1565	1571	1579	rVB3	30278	51697	0.17%	0.050%
31	12.499	1606	1617	1630	rBV4	56324	118202	0.38%	0.114%
32	12.875	1674	1681	1692	rBV	716544	1095965	3.52%	1.061%
33	13.081	1709	1716	1717	rBV3	69314	108494	0.35%	0.105%
34	13.228	1729	1741	1749	rBV7	65623	190899	0.61%	0.185%

LSC Area Percent Report

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Acq On : 20 Aug 2020 21:29
Operator : CG/JU
Sample : L3668-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

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-BN081420MA.M
Title : SVOA CALIBRATION

35	13.369	1759	1765	1771	rBV	139559	250034	0.80%	0.242%
36	13.428	1771	1775	1778	rVV	76110	114744	0.37%	0.111%
37	13.481	1778	1784	1789	rVV	1267981	1758494	5.65%	1.702%
38	13.528	1789	1792	1800	rVV	166862	226003	0.73%	0.219%
39	13.610	1800	1806	1809	rVV	55606	86839	0.28%	0.084%
40	13.740	1821	1828	1843	rBV	1358864	2228490	7.16%	2.158%
41	14.057	1873	1882	1887	rBV	993359	1582386	5.08%	1.532%
42	14.122	1887	1893	1900	rVV	3954773	5472102	17.58%	5.298%
43	14.193	1900	1905	1912	rVB	992023	1383773	4.44%	1.340%
44	14.293	1917	1922	1927	rBV	70257	113650	0.37%	0.110%
45	14.369	1932	1935	1941	rVB	63918	91297	0.29%	0.088%
46	14.463	1944	1951	1961	rVB2	1946989	3313506	10.64%	3.208%
47	14.616	1972	1977	1981	rBV	98047	132723	0.43%	0.128%
48	14.657	1981	1984	1987	rVV3	43718	55511	0.18%	0.054%
49	14.698	1987	1991	1996	rVV6	30373	48785	0.16%	0.047%
50	15.063	2047	2053	2057	rVV	1794321	2684390	8.62%	2.599%
51	15.116	2057	2062	2071	rVV	1927604	2554976	8.21%	2.474%
52	15.198	2071	2076	2087	rVV3	548643	1093683	3.51%	1.059%
53	15.281	2087	2090	2098	rVV4	70427	170511	0.55%	0.165%
54	15.363	2099	2104	2108	rVV4	59050	131871	0.42%	0.128%
55	15.416	2108	2113	2120	rVB2	132075	207849	0.67%	0.201%
56	15.563	2133	2138	2148	rVB2	154531	291076	0.93%	0.282%
57	15.793	2172	2177	2184	rBV	327145	474904	1.53%	0.460%
58	15.981	2204	2209	2213	rBV	44225	65714	0.21%	0.064%
59	16.098	2221	2229	2232	rBV4	54923	119969	0.39%	0.116%
60	16.128	2232	2234	2239	rVB2	43254	52255	0.17%	0.051%
61	16.275	2254	2259	2263	rVB4	22095	42504	0.14%	0.041%
62	16.469	2284	2292	2299	rVB	326463	511354	1.64%	0.495%
63	16.628	2312	2319	2325	rBV	137391	226463	0.73%	0.219%
64	16.728	2332	2336	2340	rBV2	41652	63822	0.20%	0.062%
65	16.816	2343	2351	2354	rVV	1264416	1961631	6.30%	1.899%
66	16.857	2354	2358	2362	rVV	1163915	1618769	5.20%	1.567%
67	16.910	2362	2367	2376	rVV2	2262784	3387795	10.88%	3.280%
68	16.975	2376	2378	2381	rVV2	41632	54815	0.18%	0.053%
69	17.016	2381	2385	2393	rVB	75045	118298	0.38%	0.115%
70	17.228	2409	2421	2427	rBV	4570786	6229185	20.01%	6.031%
71	17.316	2431	2436	2444	rVB4	105713	228231	0.73%	0.221%

LSC Area Percent Report

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Sample : L3668-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Title : SVOA CALIBRATION

72	17.387	2444	2448	2453	rBV	114313	161055	0.52%	0.156%
73	17.487	2462	2465	2468	rVB2	50300	57200	0.18%	0.055%
74	17.545	2468	2475	2478	rBV2	38215	68086	0.22%	0.066%
75	17.657	2489	2494	2498	rBV	134327	191511	0.62%	0.185%
76	17.740	2503	2508	2517	rVV	362461	545217	1.75%	0.528%
77	17.816	2517	2521	2527	rVV	76307	104673	0.34%	0.101%
78	17.881	2527	2532	2538	rVV4	115498	185628	0.60%	0.180%
79	17.981	2545	2549	2555	rBV2	92268	222082	0.71%	0.215%
80	18.045	2555	2560	2564	rVV2	146698	246976	0.79%	0.239%
81	18.087	2564	2567	2571	rVV2	57288	81307	0.26%	0.079%
82	18.139	2571	2576	2583	rVV2	132348	283180	0.91%	0.274%
83	18.198	2583	2586	2590	rVV	80631	112893	0.36%	0.109%
84	18.534	2639	2643	2649	rBV8	22022	44164	0.14%	0.043%
85	18.851	2691	2697	2699	rBV2	34794	54589	0.18%	0.053%
86	18.887	2699	2703	2708	rVB	124822	167424	0.54%	0.162%
87	19.104	2736	2740	2747	rBV3	48567	69477	0.22%	0.067%
88	19.222	2754	2760	2767	rBV	2836767	3831693	12.31%	3.710%
89	19.275	2767	2769	2774	rVB3	37609	49399	0.16%	0.048%
90	19.639	2826	2831	2838	rBV	86131	131025	0.42%	0.127%
91	19.710	2838	2843	2848	rBV	149913	215127	0.69%	0.208%
92	20.369	2951	2955	2962	rBV5	34725	60432	0.19%	0.059%
93	20.781	3021	3025	3031	rBV2	293424	437697	1.41%	0.424%
94	20.833	3031	3034	3043	rVB	180702	246099	0.79%	0.238%
95	21.033	3063	3068	3075	rBV	1629495	2074082	6.66%	2.008%
96	23.010	3398	3404	3411	rBV	1951910	3202965	10.29%	3.101%
97	23.075	3413	3415	3420	rVV3	145240	186221	0.60%	0.180%
98	23.139	3420	3426	3433	rVB	1146799	1923476	6.18%	1.862%
99	23.663	3512	3515	3521	rVB3	123206	199210	0.64%	0.193%
100	28.104	4266	4270	4271	rBV3	97532	141321	0.45%	0.137%

Sum of corrected areas: 103290187

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
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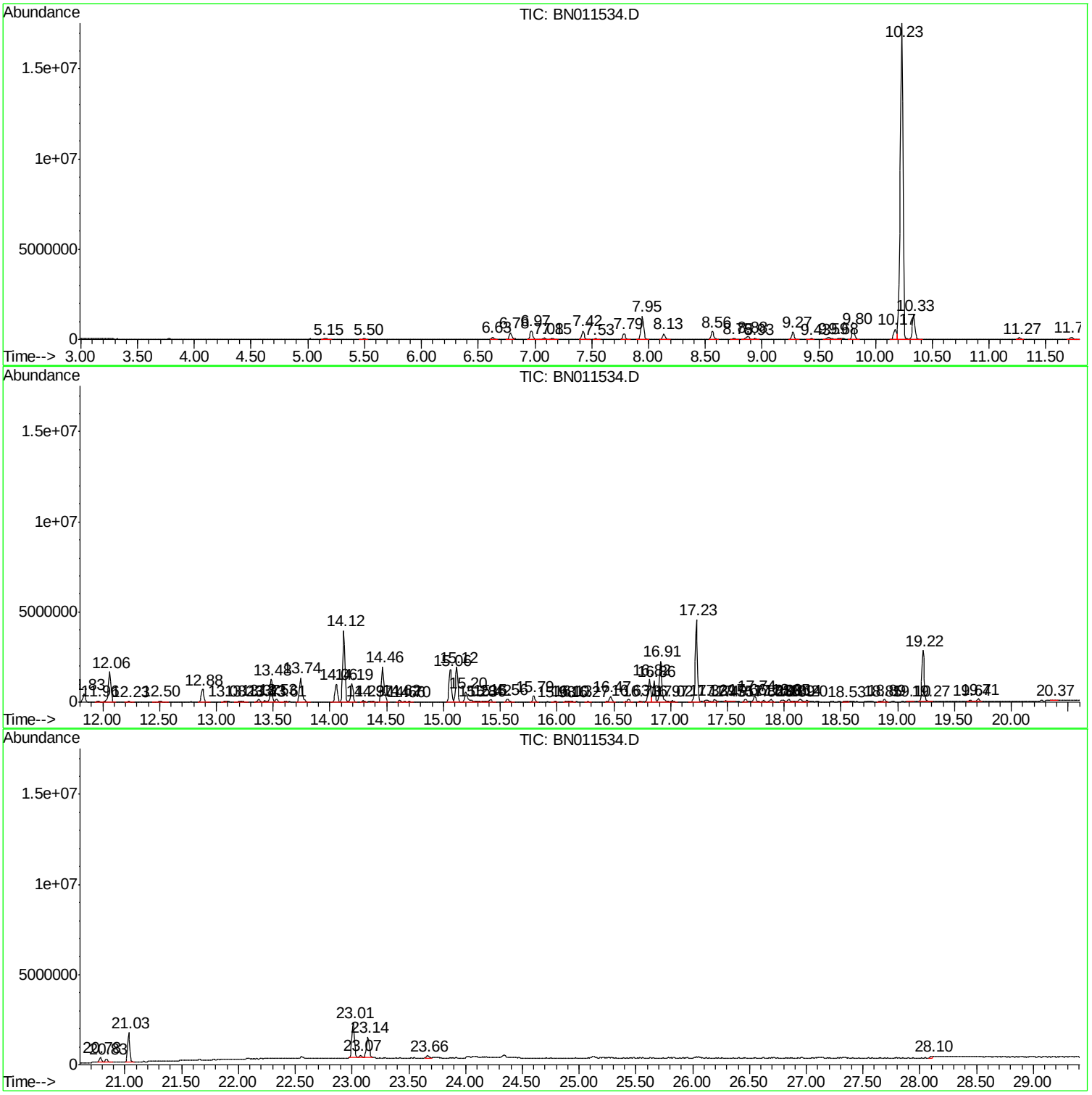
Acq On : 20 Aug 2020 21:29
Operator : CG/JU
Sample : L3668-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

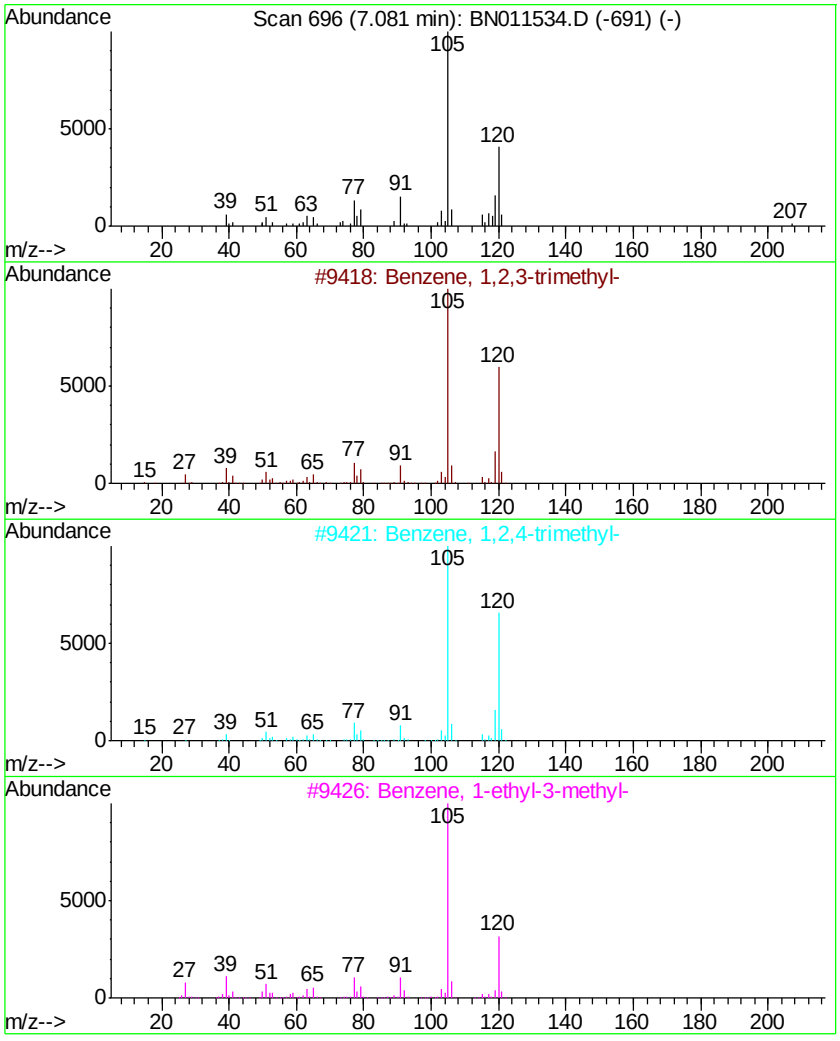
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

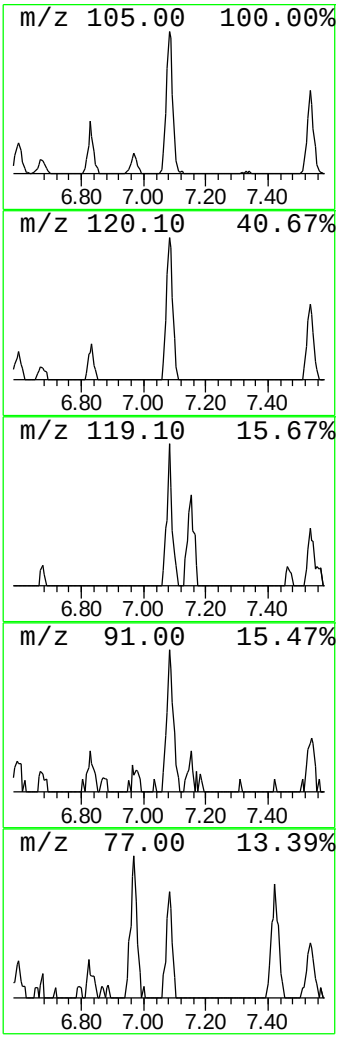
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	2.98 ng/ul	108509	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011534.D
Acq On : 20 Aug 2020 21:29
Operator : CG/JU
Sample : L3668-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

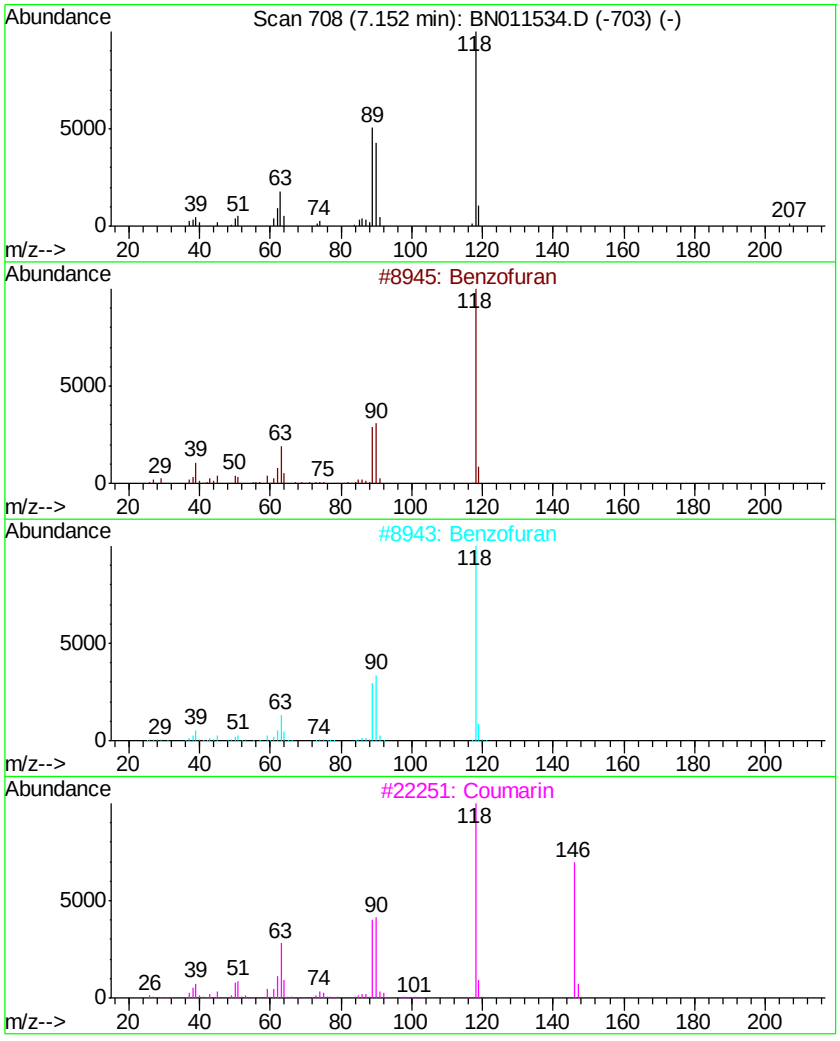
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

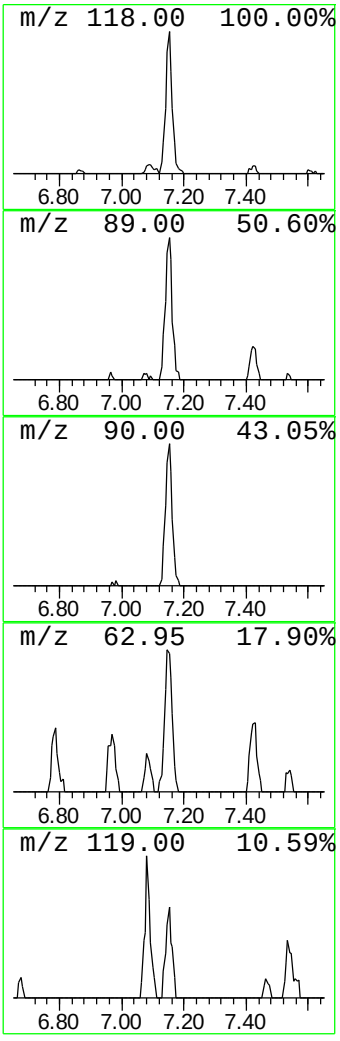
****

Peak Number 2 Benzofuran Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	2.90 ng/ul	105507	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Coumarin	146	C9H6O2	000091-64-5	83
4	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	78
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	64





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Operator : CG/JU
Sample : L3668-17
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Instrument : BNA_N
ClientSampleId : DBFW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

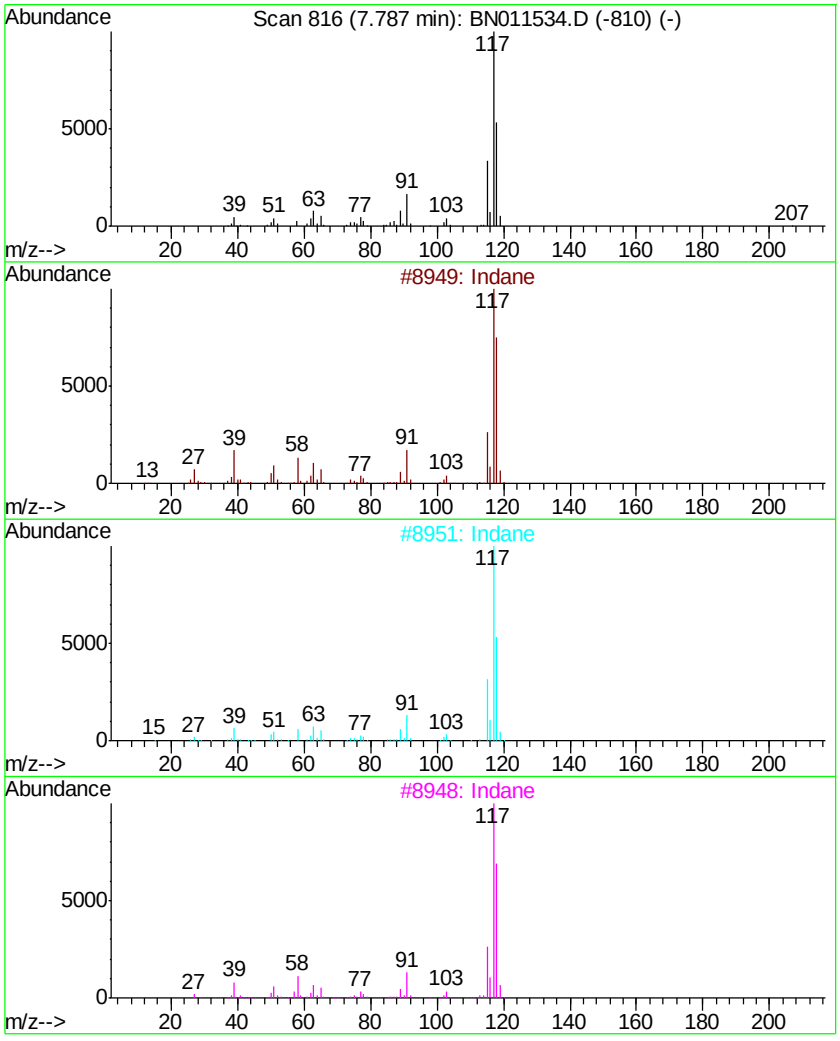
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

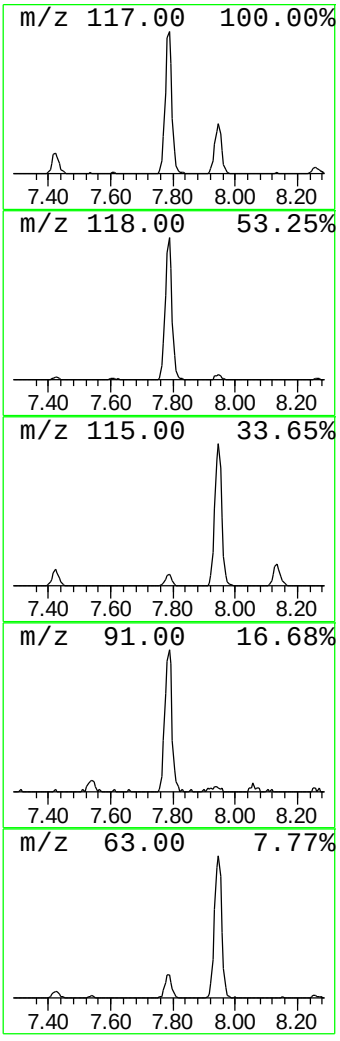
****

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	13.31 ng/ul	484162	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011534.D
Acq On : 20 Aug 2020 21:29
Operator : CG/JU
Sample : L3668-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

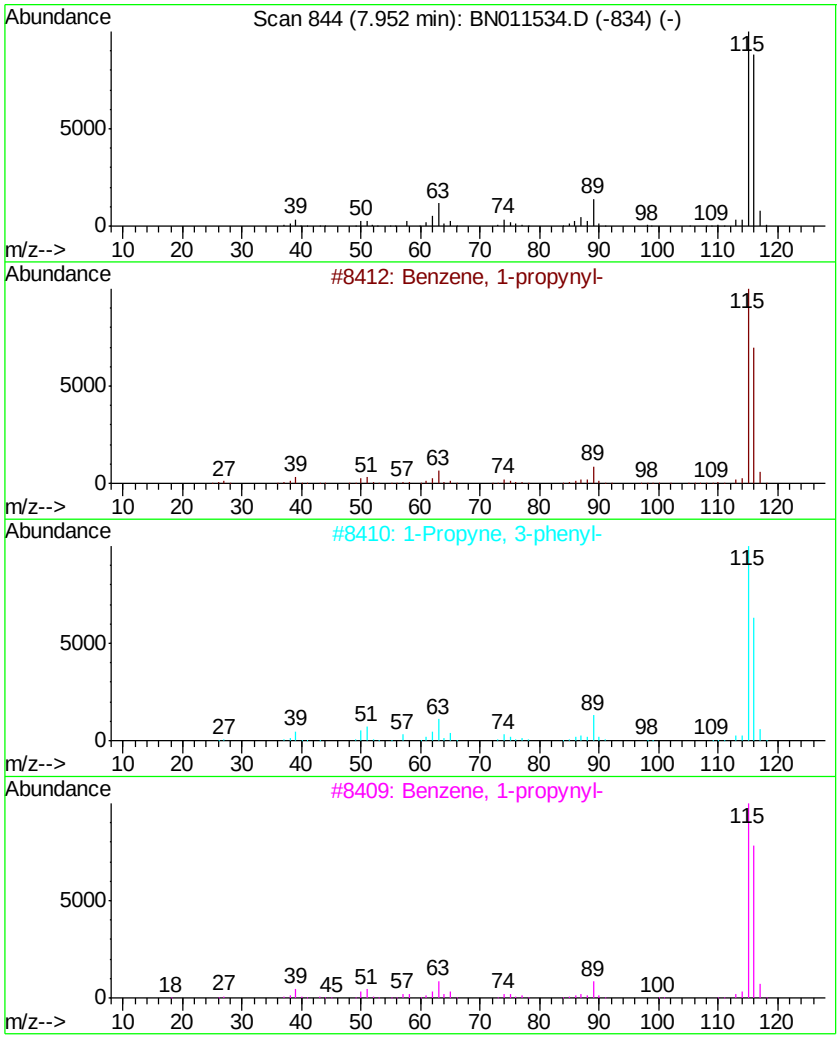
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

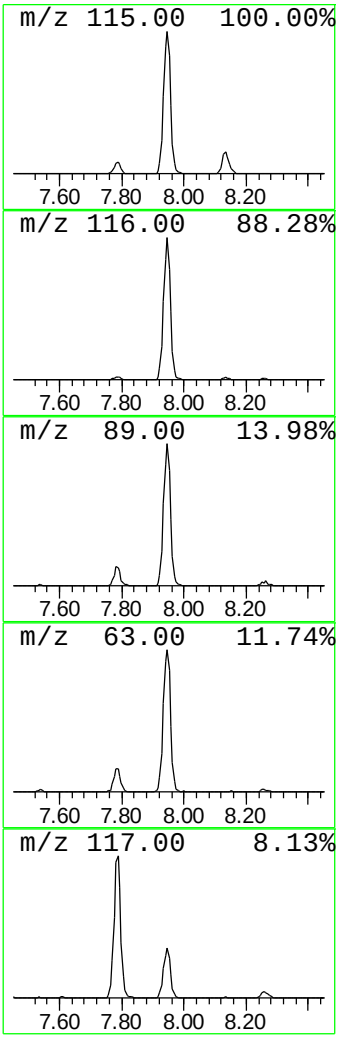
****

Peak Number 4 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	54.88 ng/ul	1996730	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Indene	116	C9H8	000095-13-6	91





Library Search Compound Report

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Data File : BN011534.D
Acq On : 20 Aug 2020 21:29
Operator : CG/JU
Sample : L3668-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

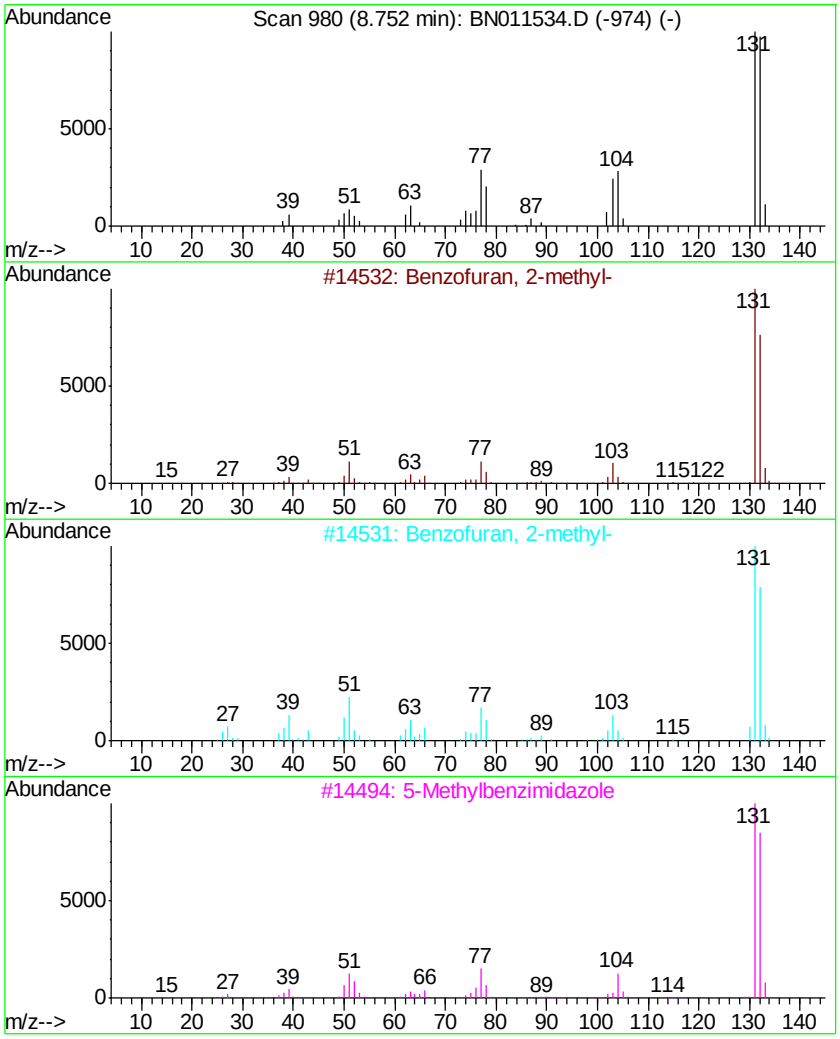
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

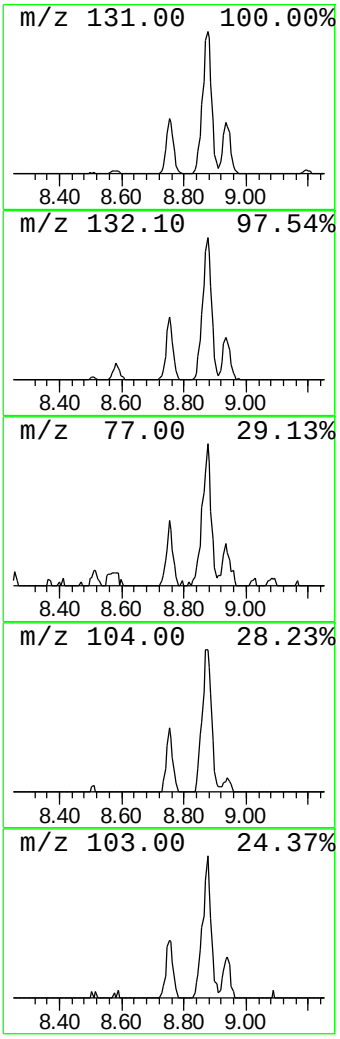
****

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	2.72 ng/ul	98945	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
3	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	83
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83
5	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	80





Library Search Compound Report

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Operator : CG/JU
Sample : L3668-17
Misc :
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Instrument : BNA_N
ClientSampleId : DBFW8

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Quant Title : SVOA CALIBRATION

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

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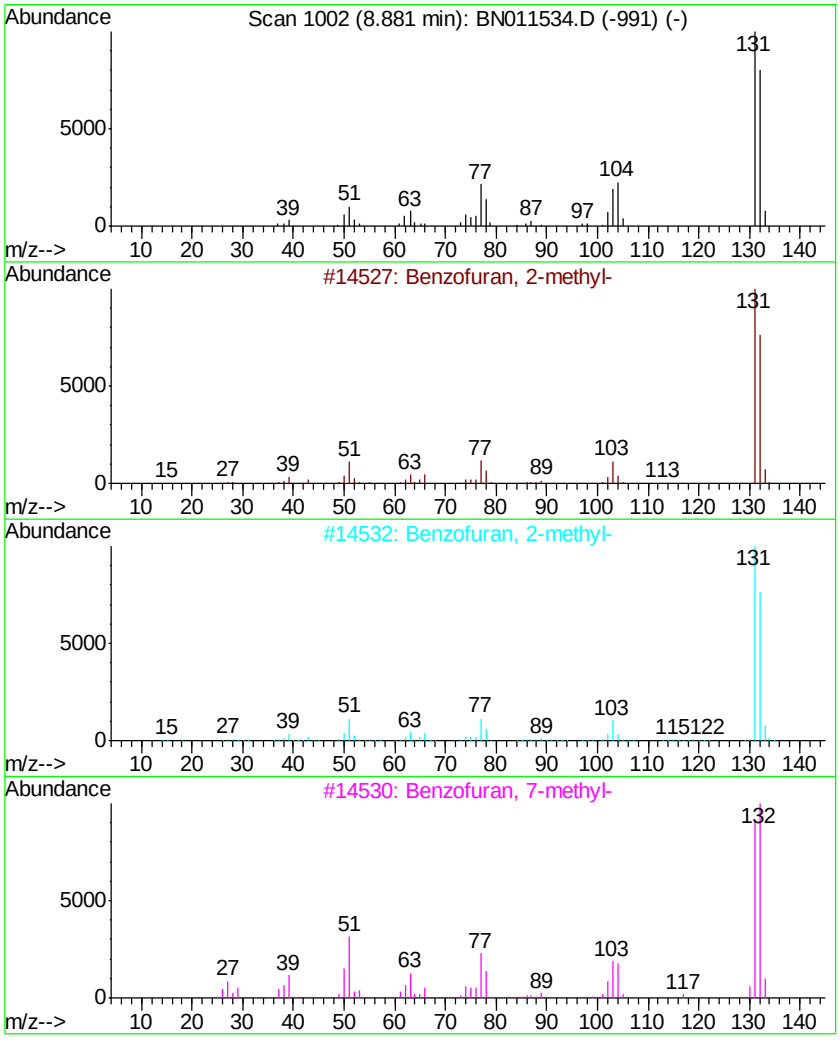
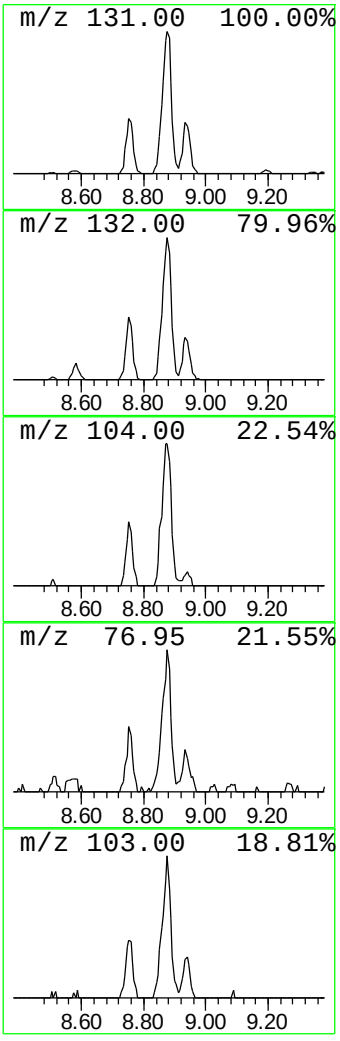
Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	6.09 ng/ul	310005	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	80





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ClientSampleId : DBFW8

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Quant Title : SVOA CALIBRATION

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

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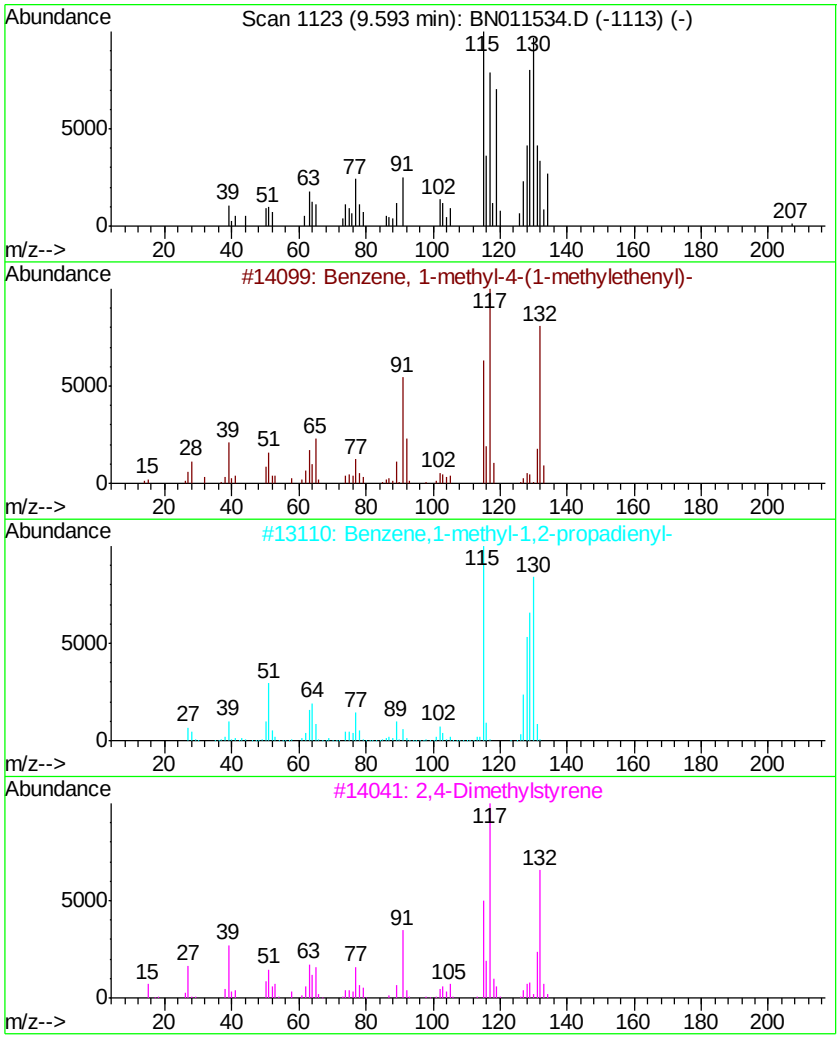
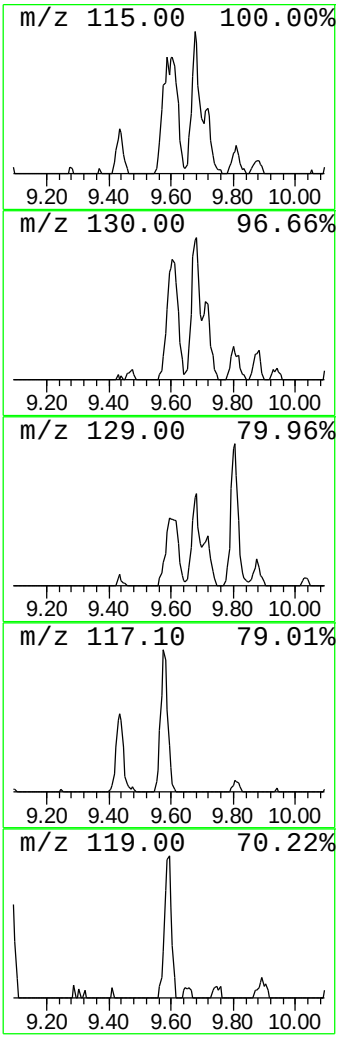
Peak Number 7 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	4.73 ng/ul	240906	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	46
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	42
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	41
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	41
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	38





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Quant Title : SVOA CALIBRATION

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

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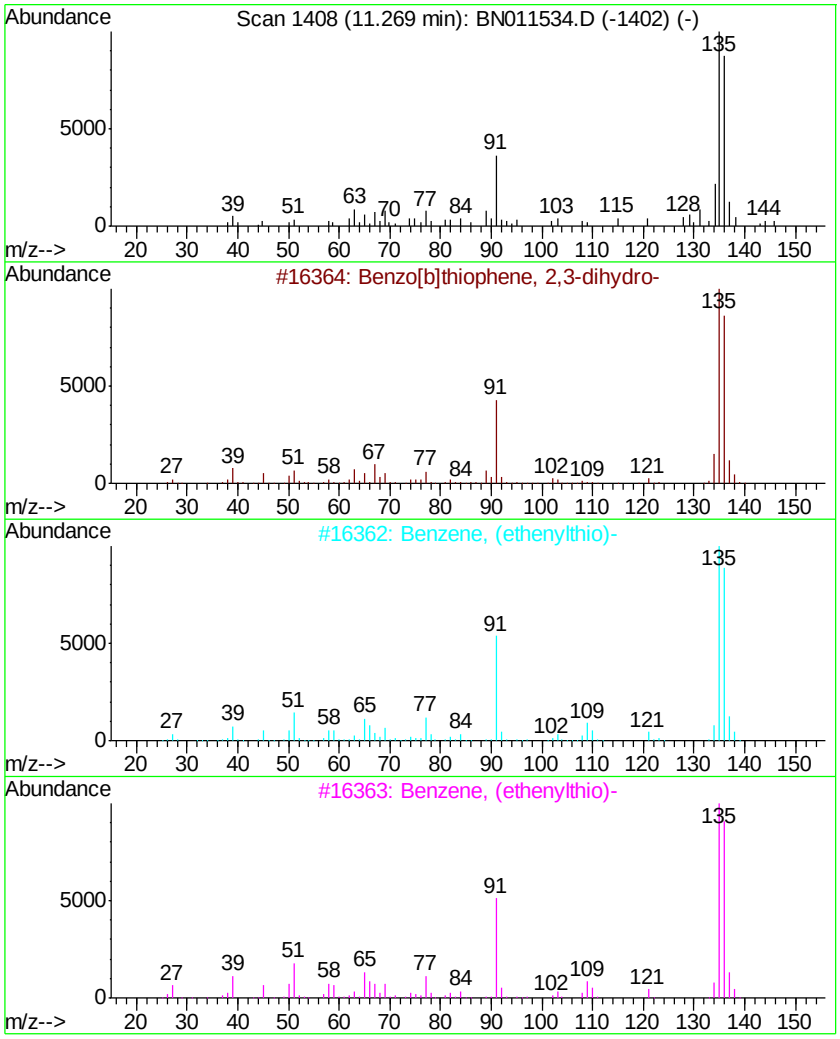
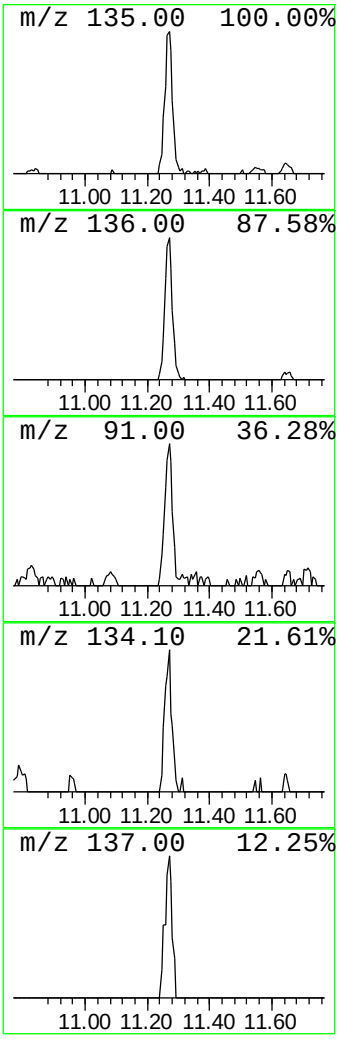
Peak Number 8 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.88 ng/ul	146466	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	93
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	83
3	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	83
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	81
5	Pyrazine, 3-ethyl-2,5-dimethyl-	136	C8H12N2	013360-65-1	64





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

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Quant Title : SVOA CALIBRATION

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

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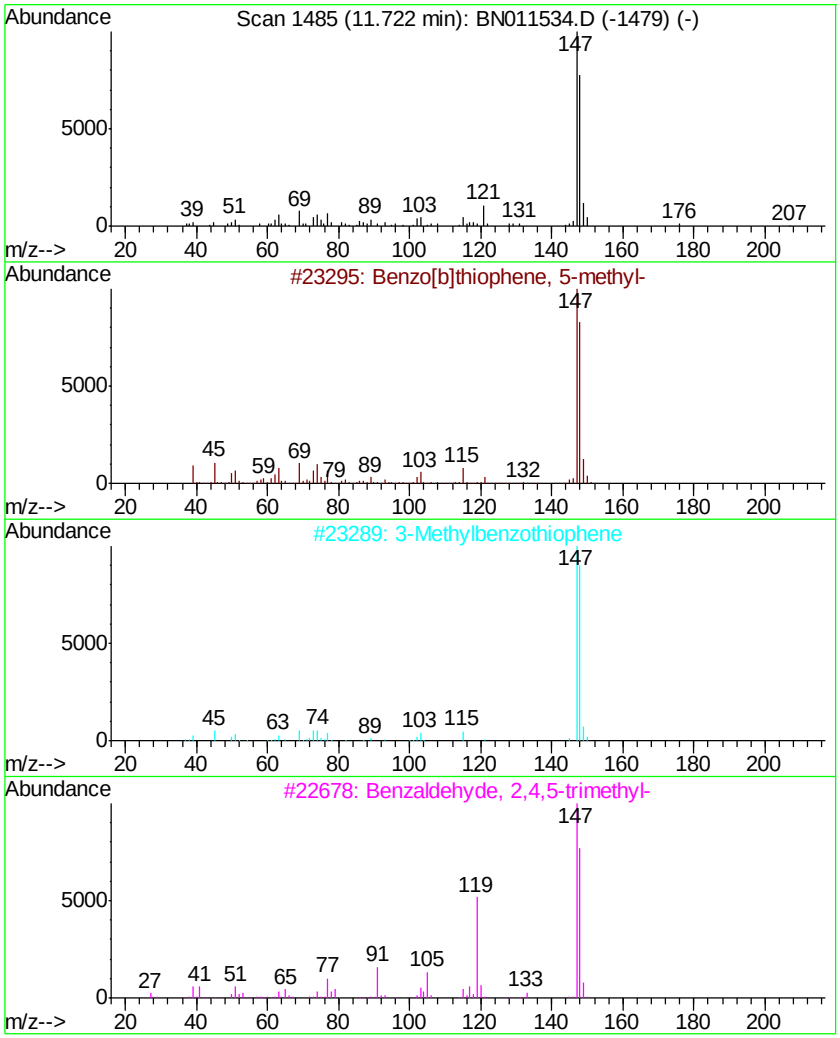
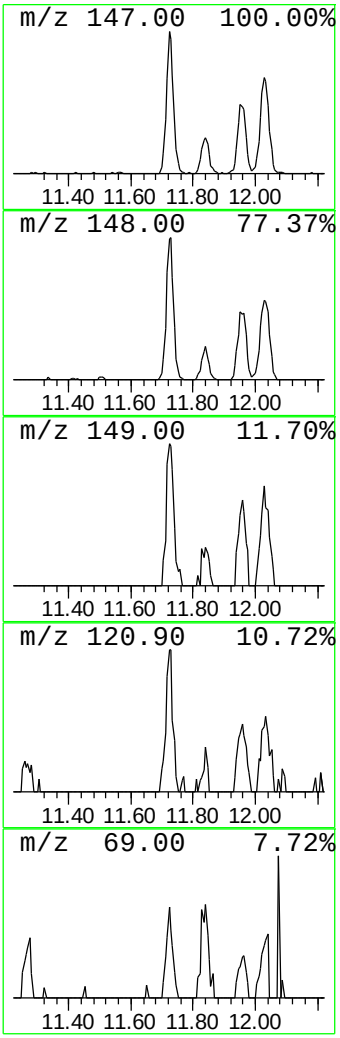
Peak Number 9 Benzo[b]thiophene, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.95 ng/ul	200931	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
3	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	80
4	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	72
5	2-Isopropenyl-3,6-dimethylpyrazine	148	C9H12N2	1000109-60-7	72





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Quant Title : SVOA CALIBRATION

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

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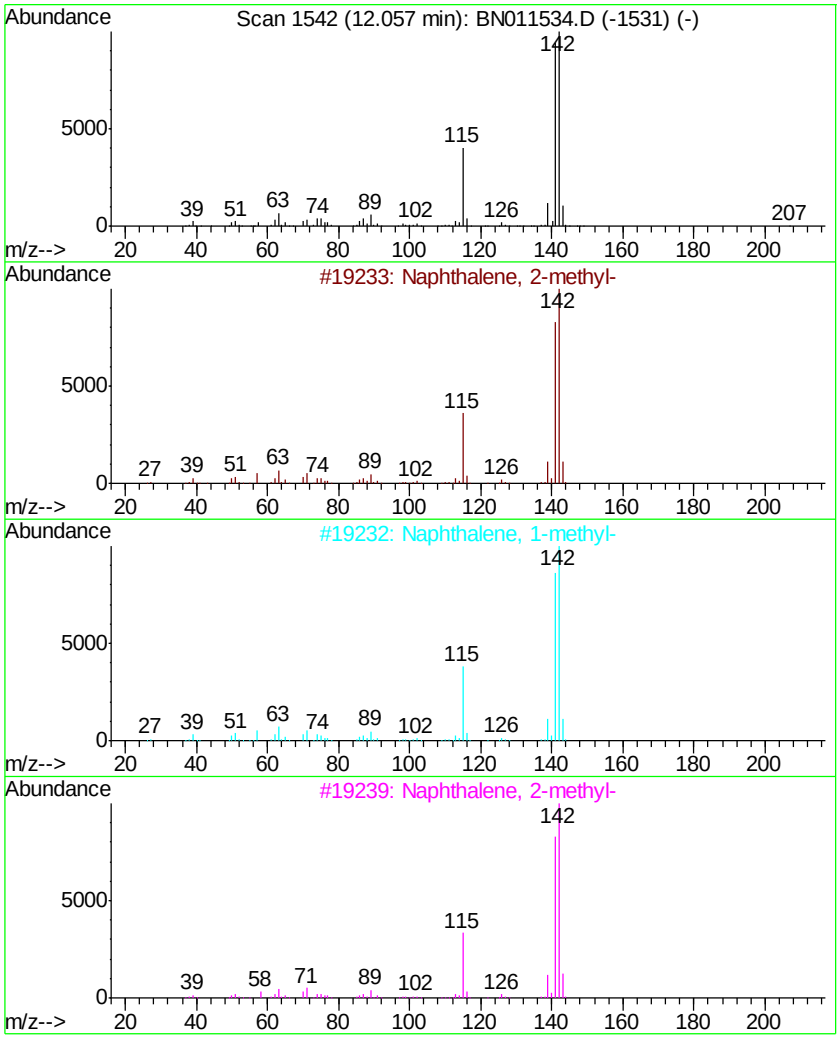
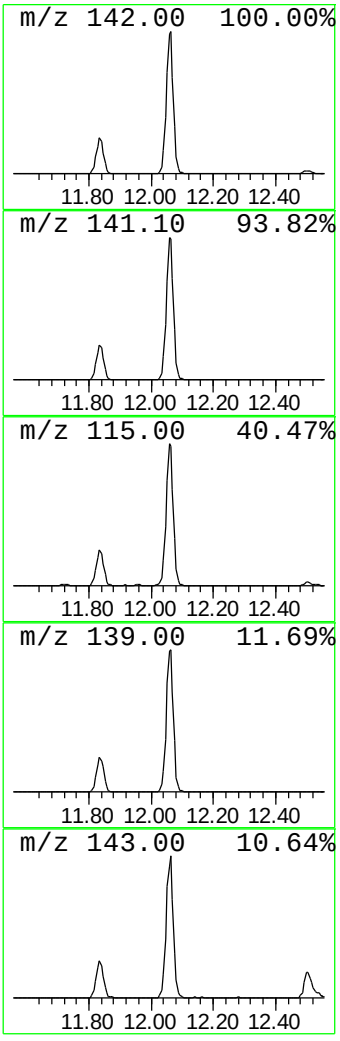
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	55.27 ng/ul	2814290	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Quant Title : SVOA CALIBRATION

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

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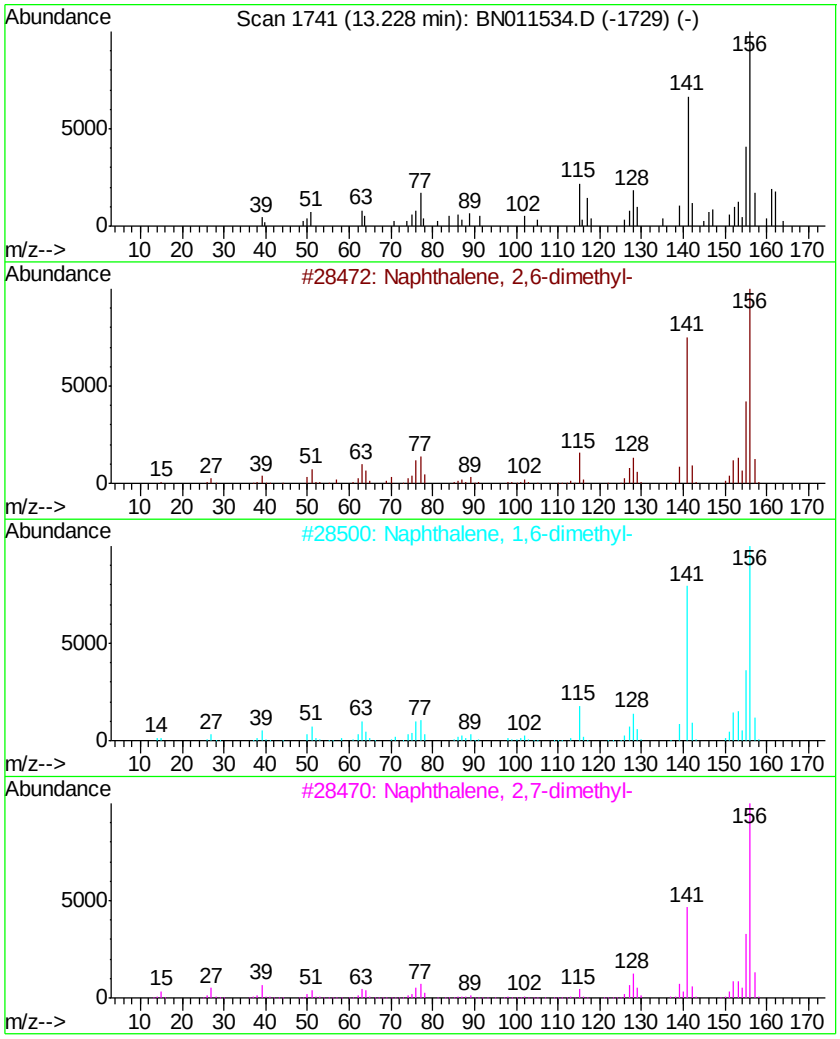
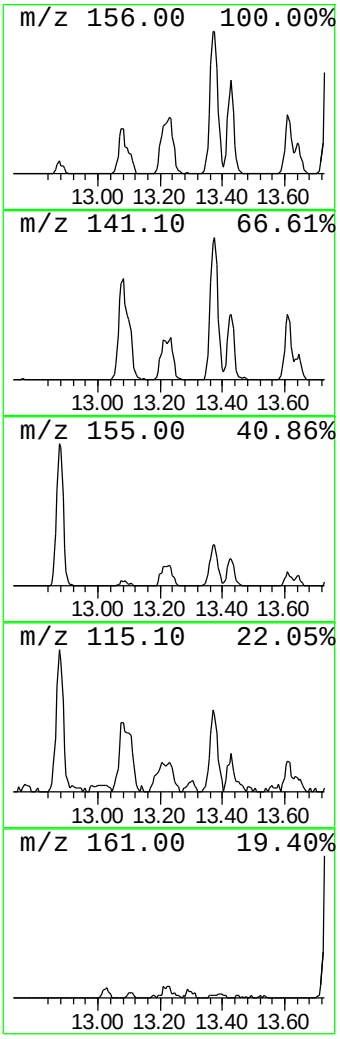
Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.41 ng/ul	190899	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





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Sample : L3668-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

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Quant Title : SVOA CALIBRATION

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

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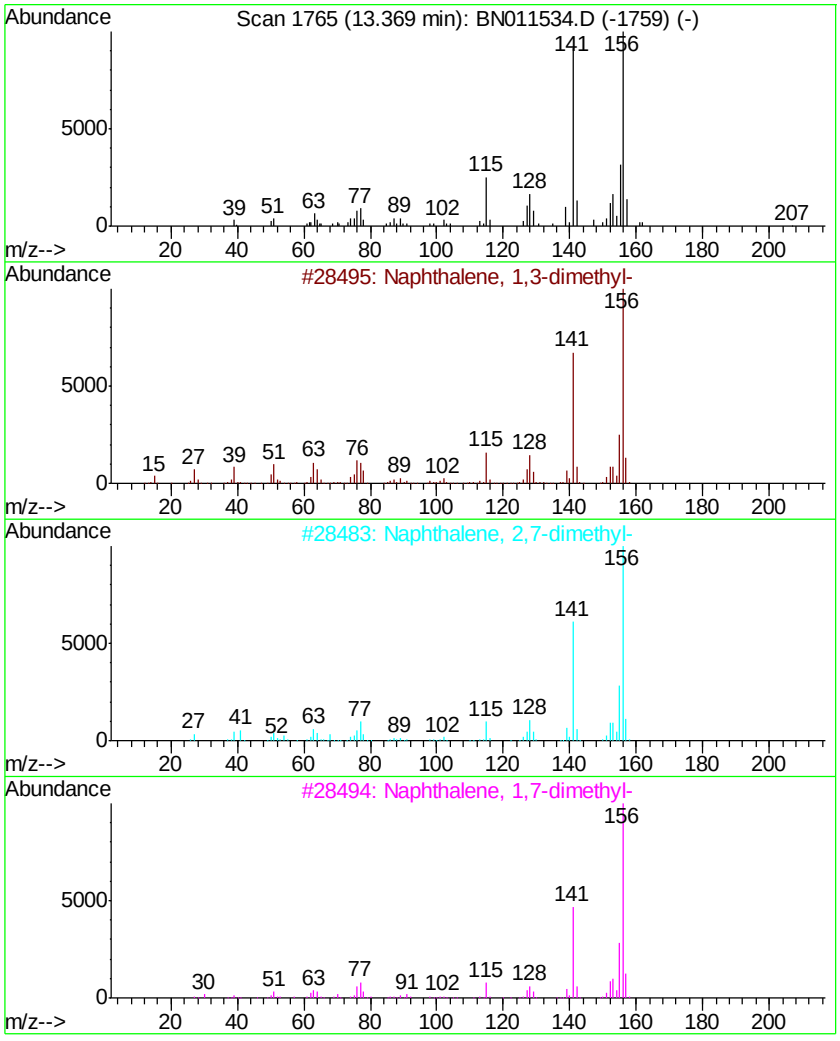
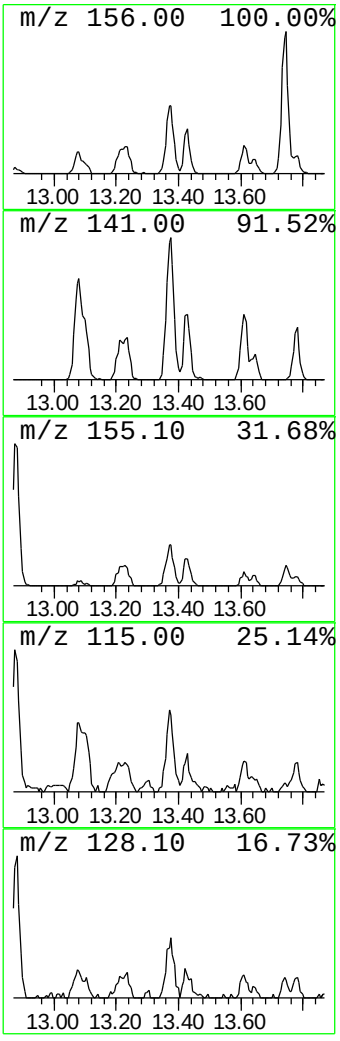
Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.16 ng/ul	250034	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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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 1-Naphthalenecarbonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	17.49 ng/ul	1383770	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
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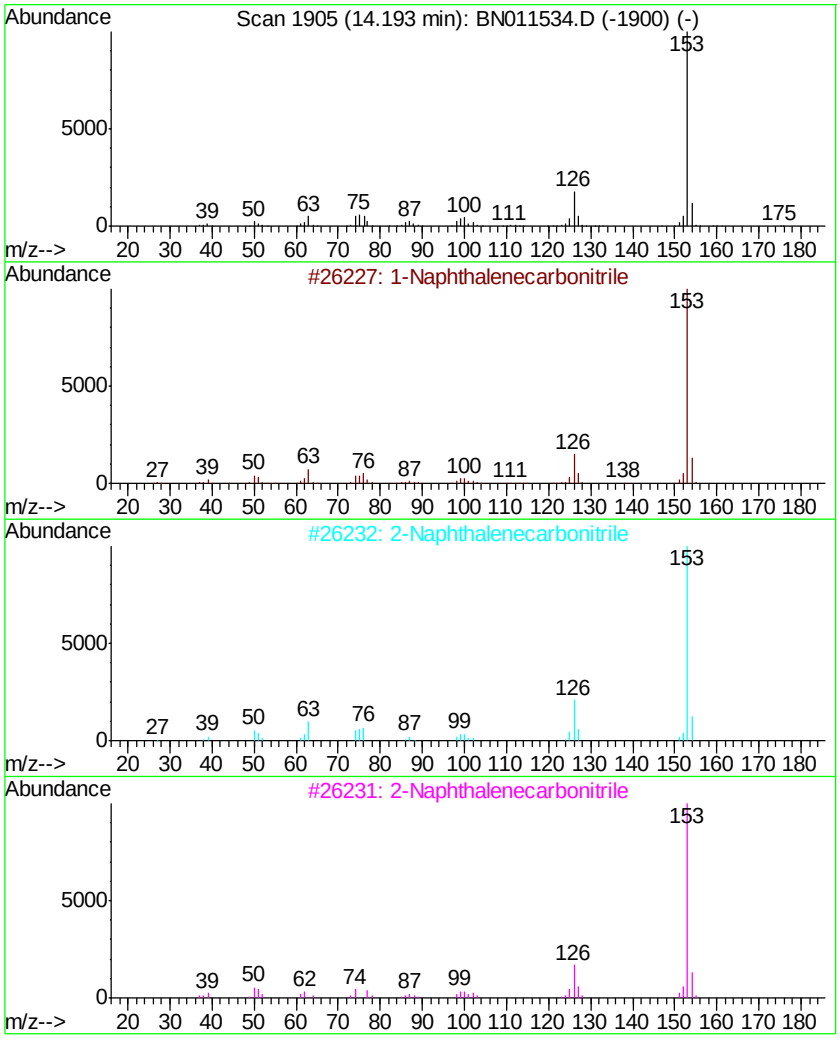

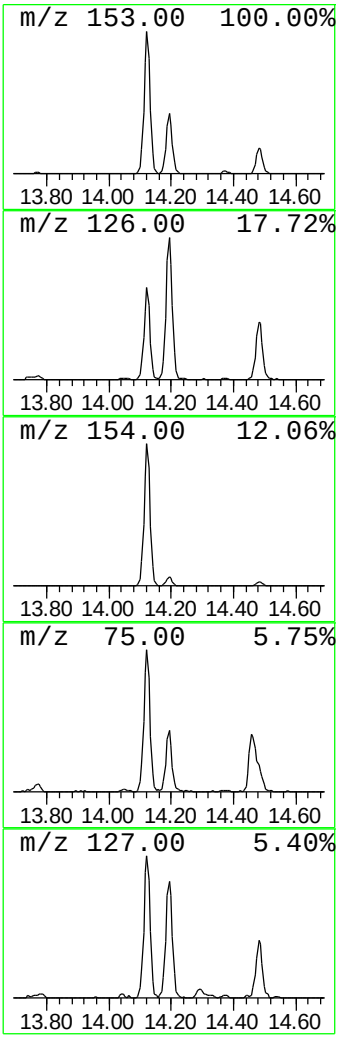

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Quant Title : SVOA CALIBRATION

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

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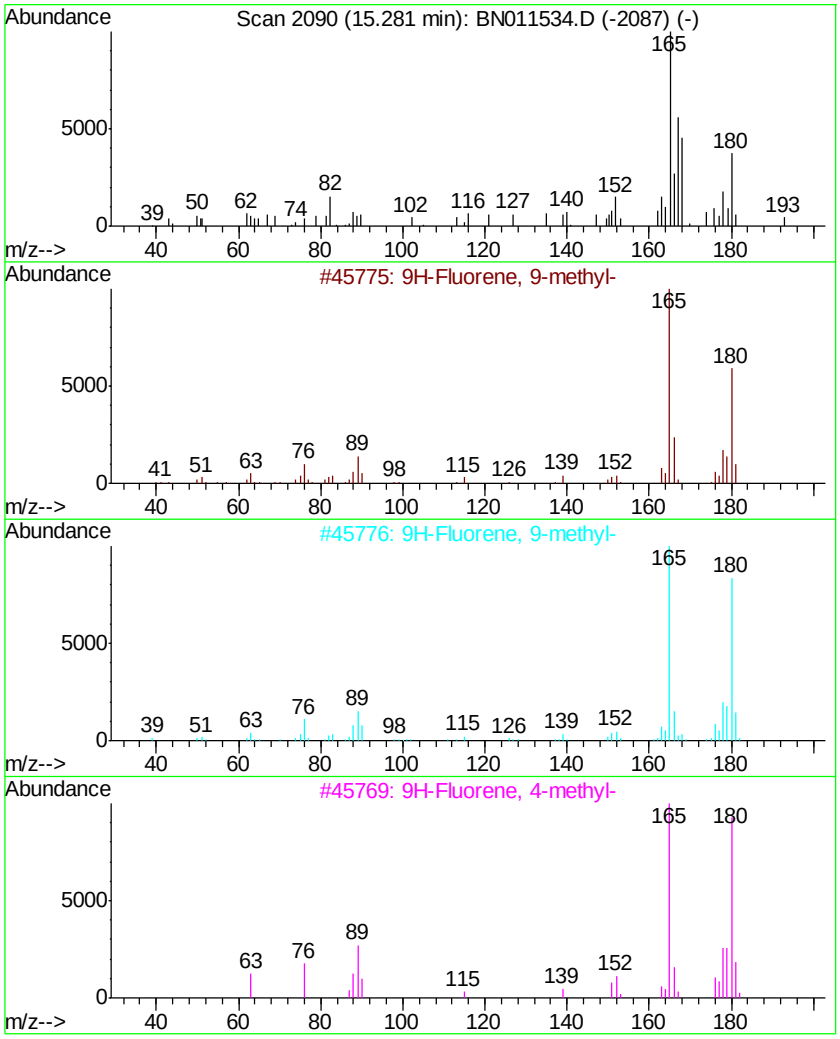
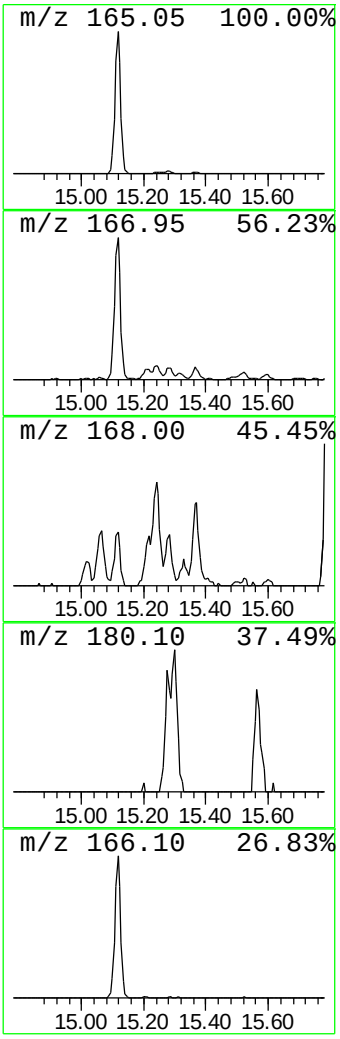
Peak Number 14 9H-Fluorene, 9-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	2.16 ng/ul	170511	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	78
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	50
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	49
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	43





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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Peak Number 15 2,4,6-Cycloheptatrien-1-one... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.63 ng/ul	207849	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	58
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	53
3	9H-Xanthene	182	C13H10O	000092-83-1	43
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	42
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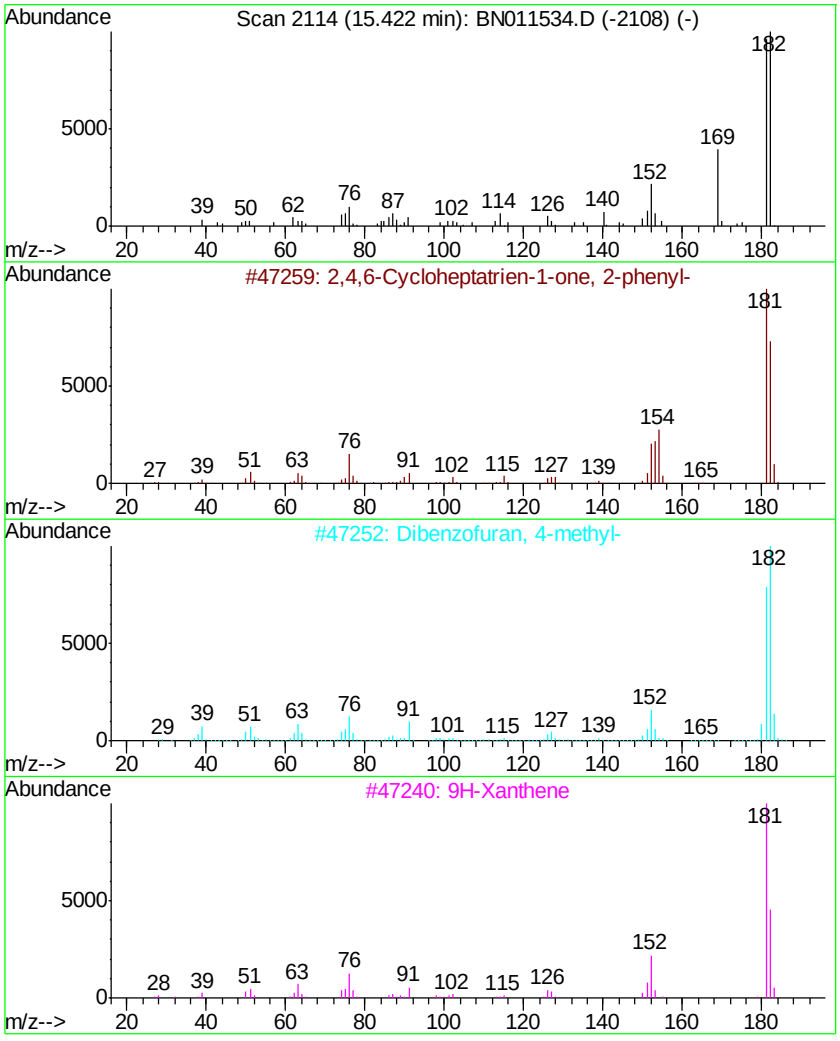

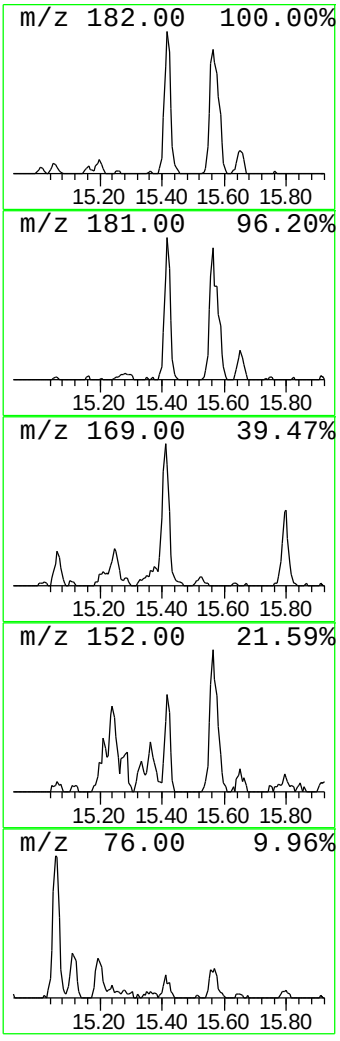

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Quant Title : SVOA CALIBRATION

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

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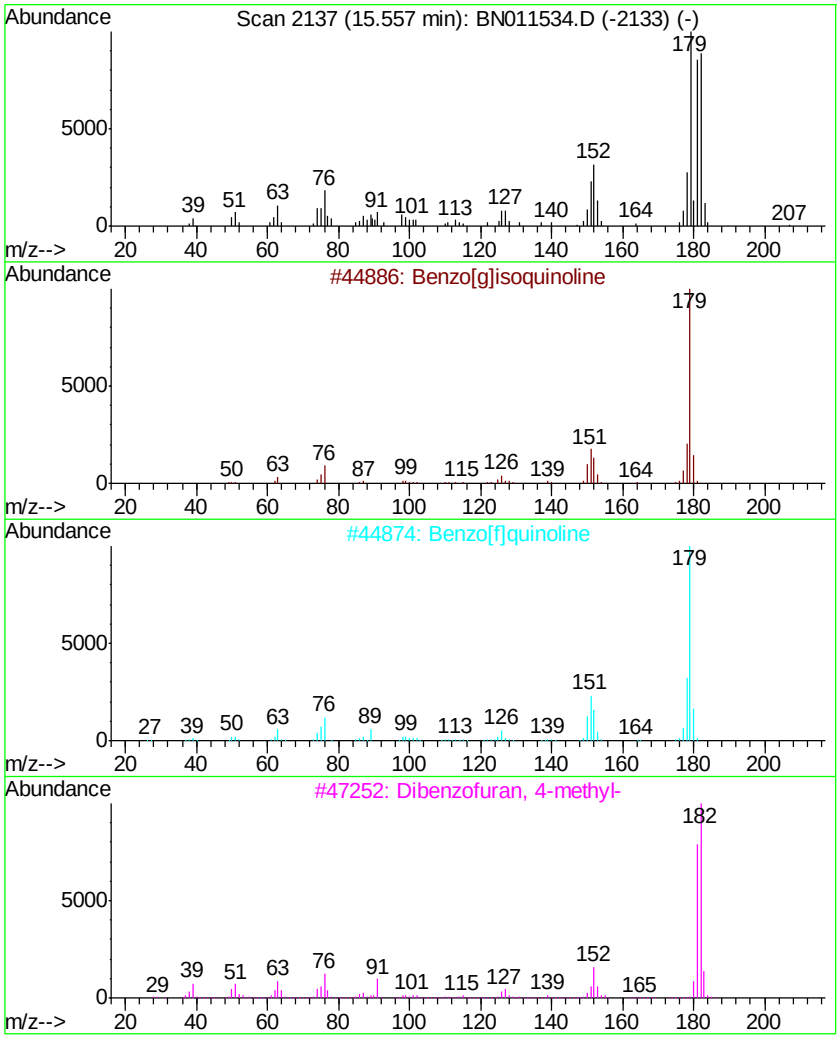
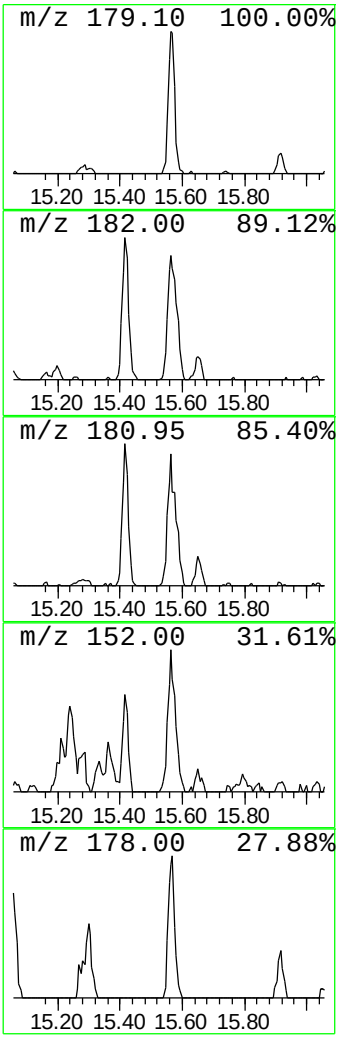
Peak Number 16 Benzo[g]isoquinoline Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.97 ng/ul	291076	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[g]isoquinoline	179	C13H9N	000260-32-2	83
2	Benzo[f]quinoline	179	C13H9N	000085-02-9	83
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	47
5	Phenanthridine	179	C13H9N	000229-87-8	46





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Quant Title : SVOA CALIBRATION

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

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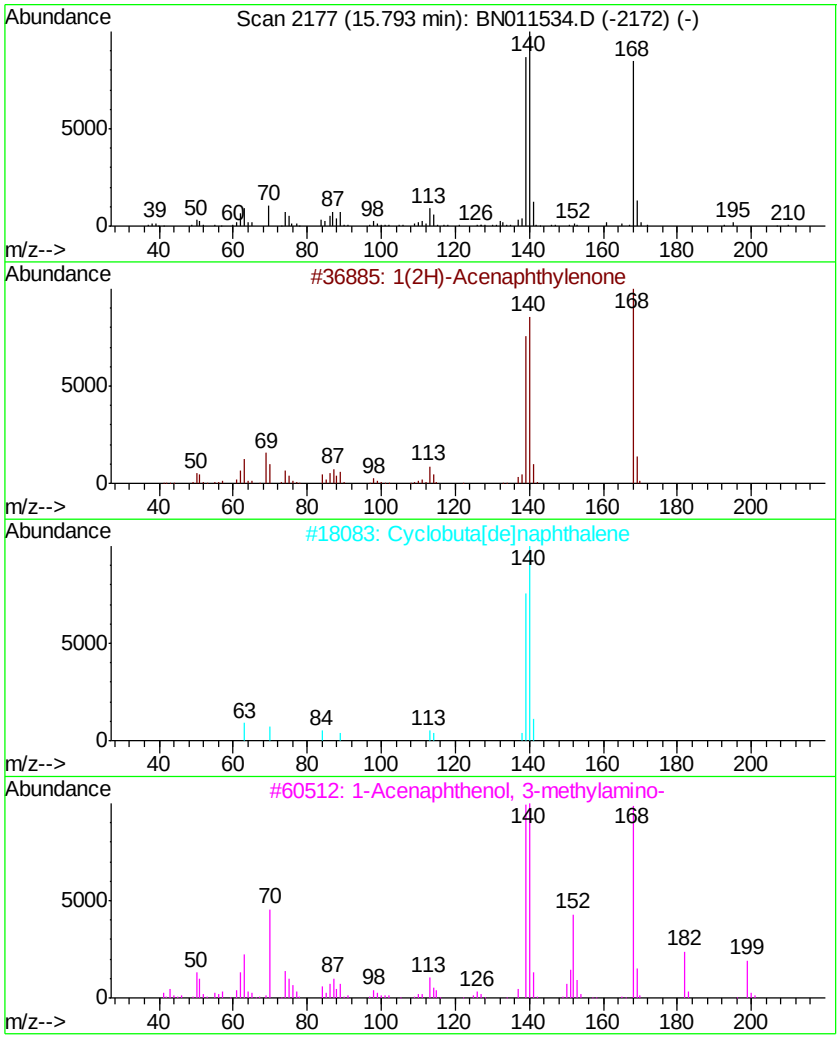
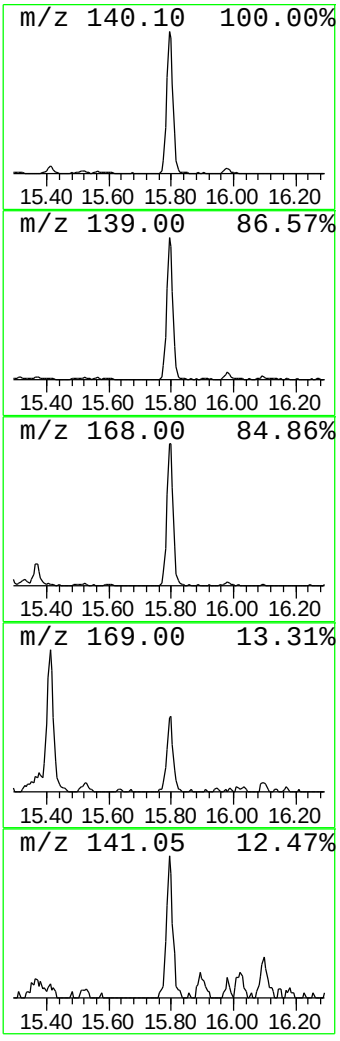
Peak Number 17 1(2H)-Acenaphthylenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	4.84 ng/ul	474904	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	64
3	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	50
4	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50
5	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	47





Library Search Compound Report

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Acq On : 20 Aug 2020 21:29
Operator : CG/JU
Sample : L3668-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

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Quant Title : SVOA CALIBRATION

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

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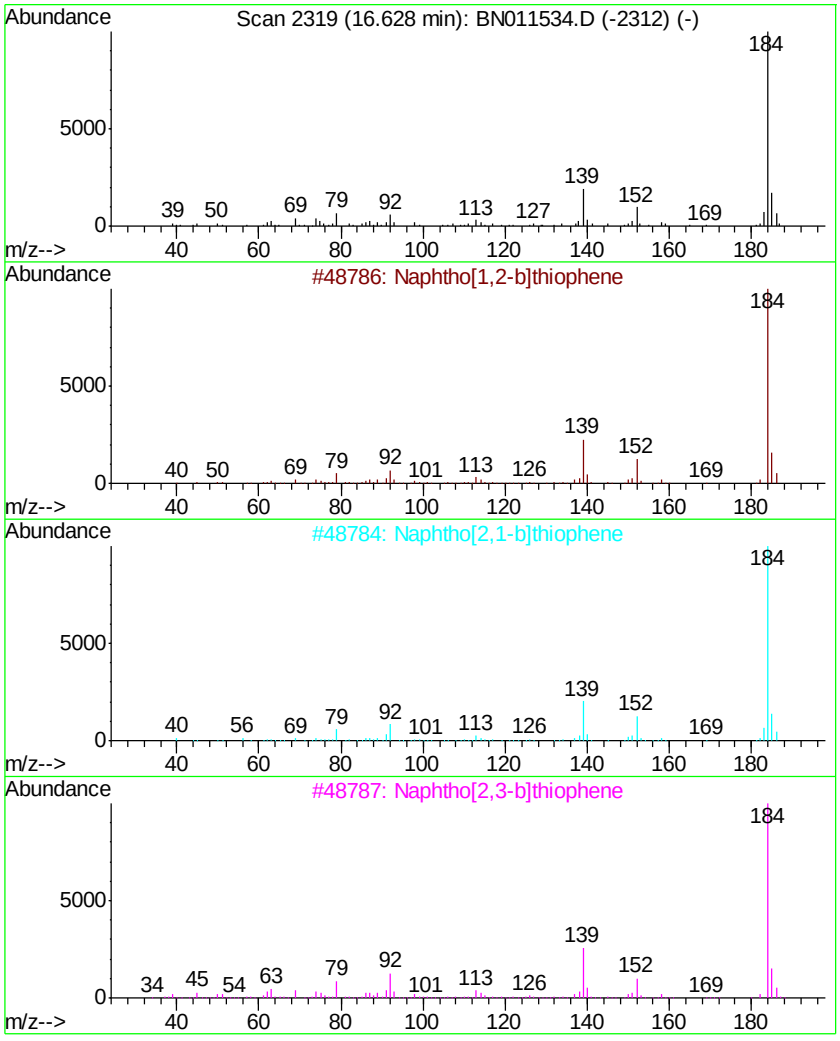
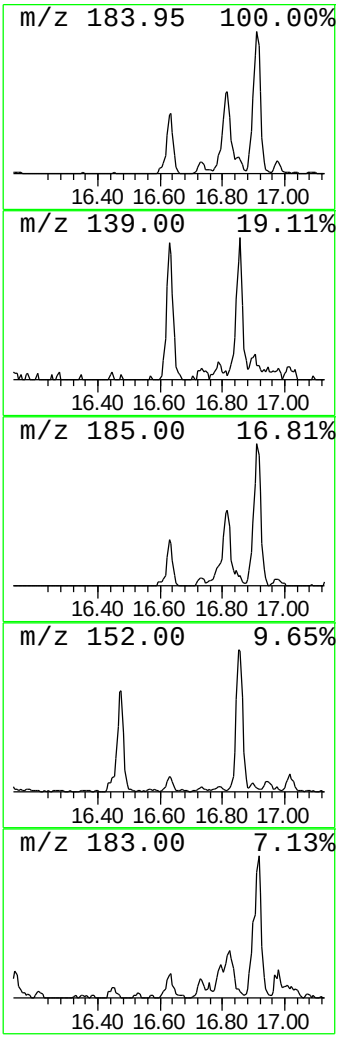
Peak Number 18 Naphtho[1,2-b]thiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.31 ng/ul	226463	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Quant Title : SVOA CALIBRATION

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

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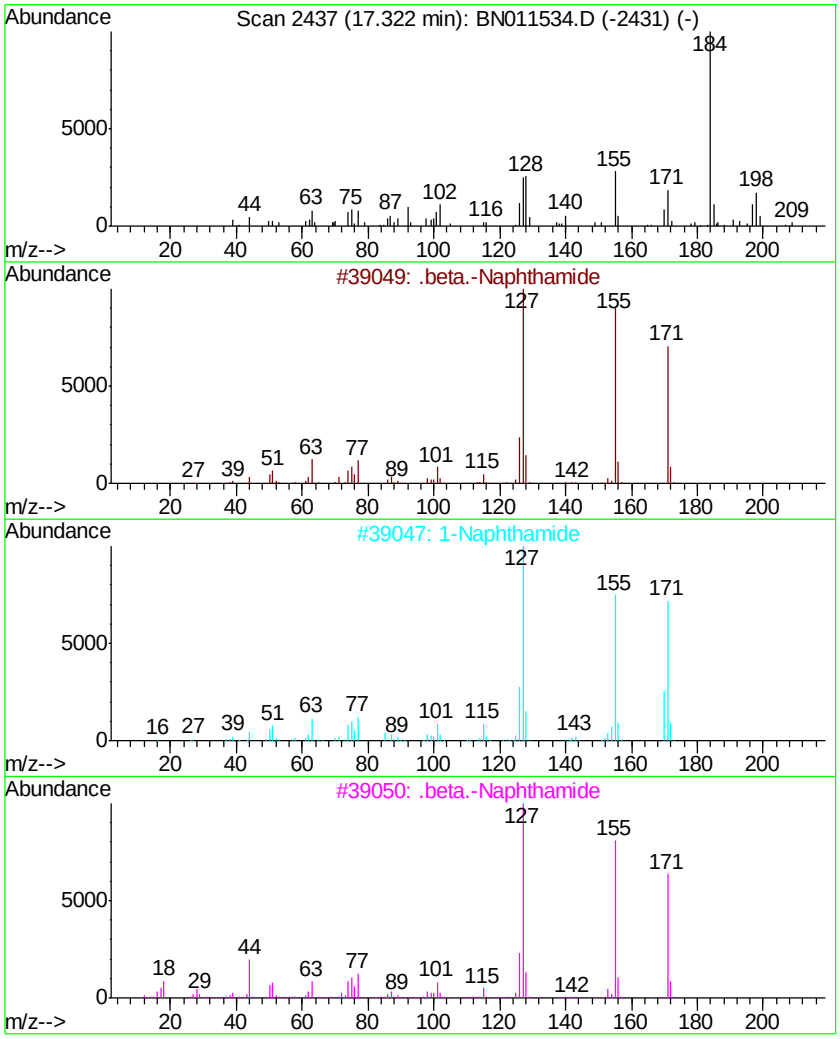
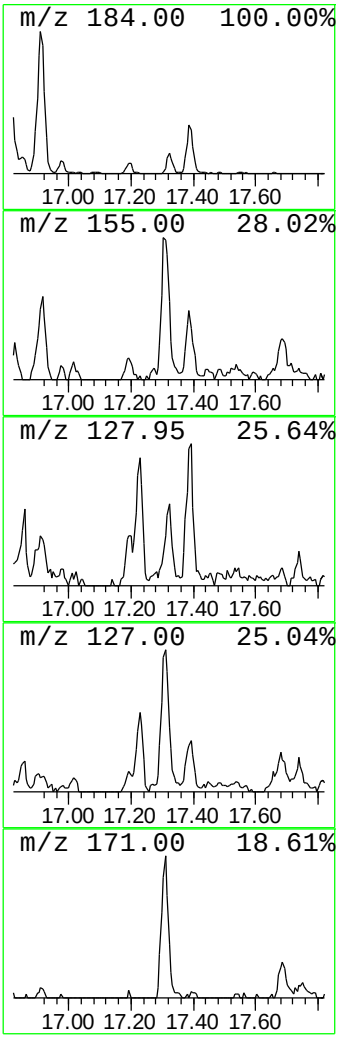
Peak Number 19 .beta.-Naphthamide Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	2.33 ng/ul	228231	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Naphthamide	171	C11H9NO	002243-82-5	86
2	1-Naphthamide	171	C11H9NO	002243-81-4	50
3	.beta.-Naphthamide	171	C11H9NO	002243-82-5	50
4	1H,3H-Naphtho[1,8-cd]pyran-1-one	184	C12H8O2	000518-86-5	41
5	1H,3H-Naphtho[1,8-cd]pyran-1-one	184	C12H8O2	000518-86-5	38





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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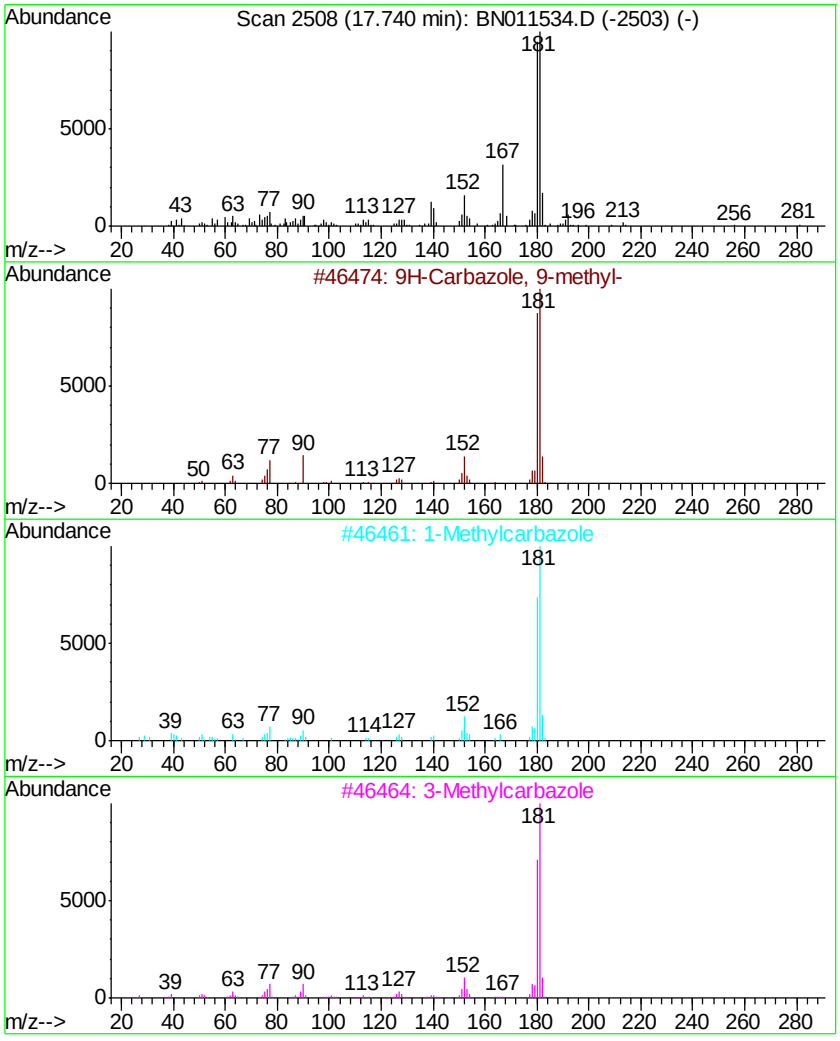
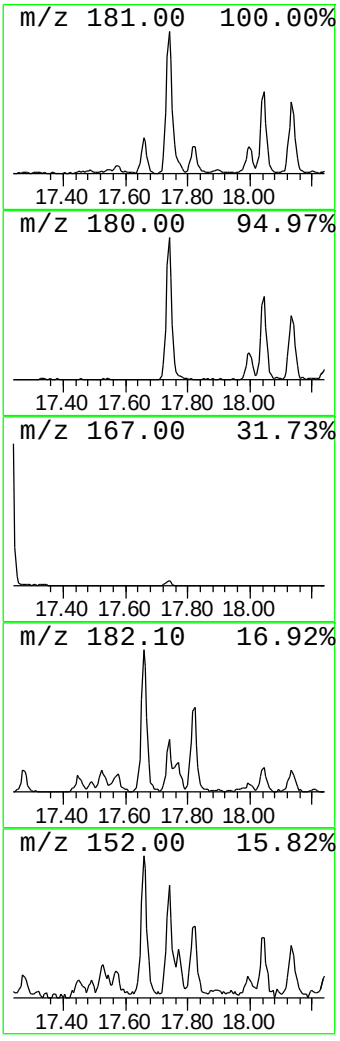
Peak Number 20 1-Methylcarbazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	5.56 ng/ul	545217	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	94
2	1-Methylcarbazole	181	C13H11N	006510-65-2	93
3	3-Methylcarbazole	181	C13H11N	004630-20-0	93
4	4-Methylcarbazole	181	C13H11N	003770-48-7	91
5	3-Methylcarbazole	181	C13H11N	004630-20-0	90





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Sample : L3668-17
Misc :
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Instrument : BNA_N
ClientSampleId : DBFW8

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Quant Title : SVOA CALIBRATION

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

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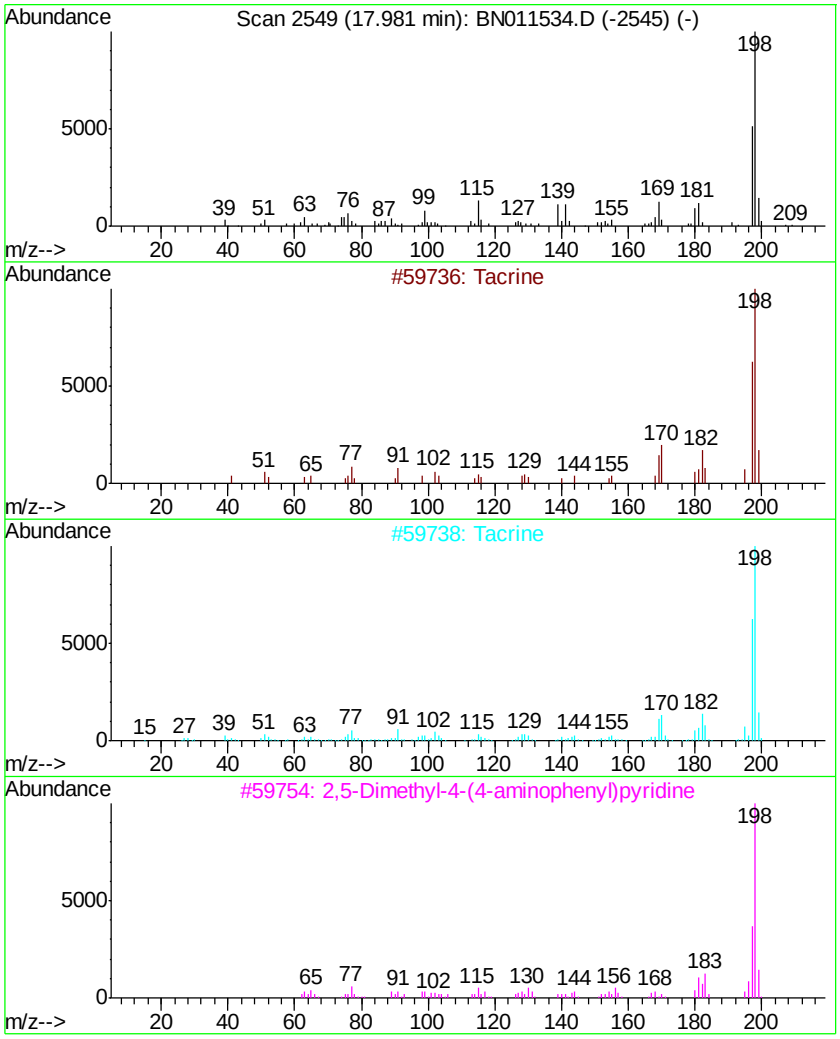
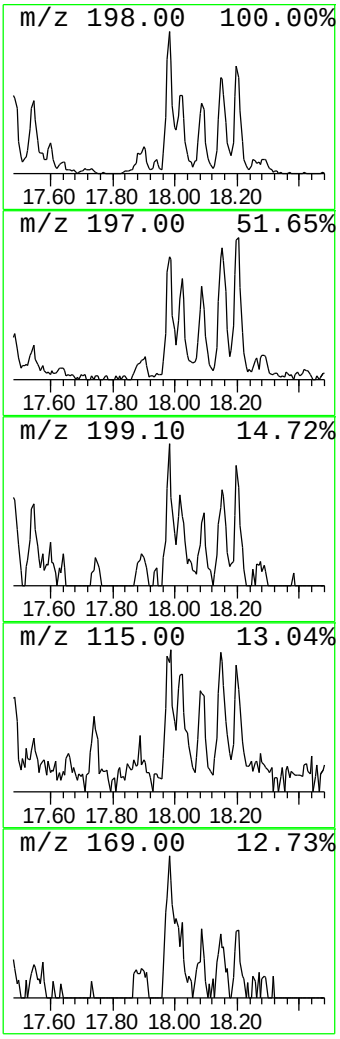
Peak Number 21 Tacrine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.26 ng/ul	222082	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tacrine	198	C13H14N2	000321-64-2	83
2	Tacrine	198	C13H14N2	000321-64-2	72
3	2,5-Dimethyl-4-(4-aminophenyl)py...	198	C13H14N2	071153-40-7	72
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





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Acq On : 20 Aug 2020 21:29
Operator : CG/JU
Sample : L3668-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

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Quant Title : SVOA CALIBRATION

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

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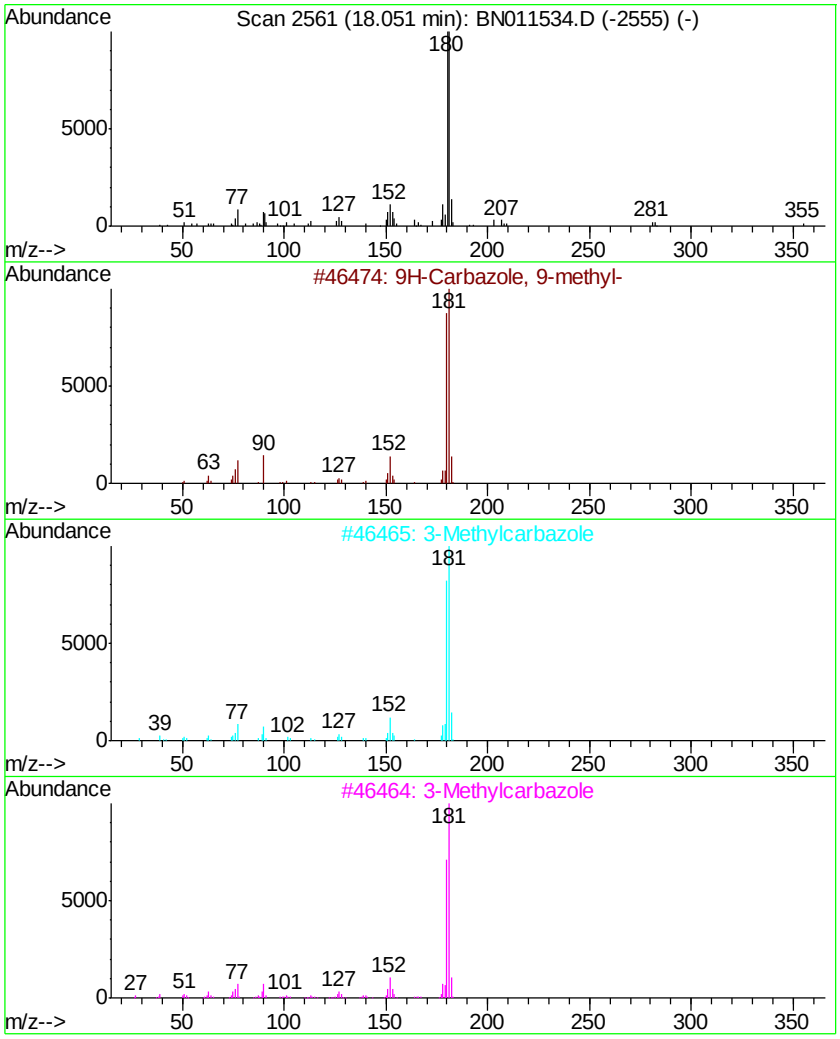
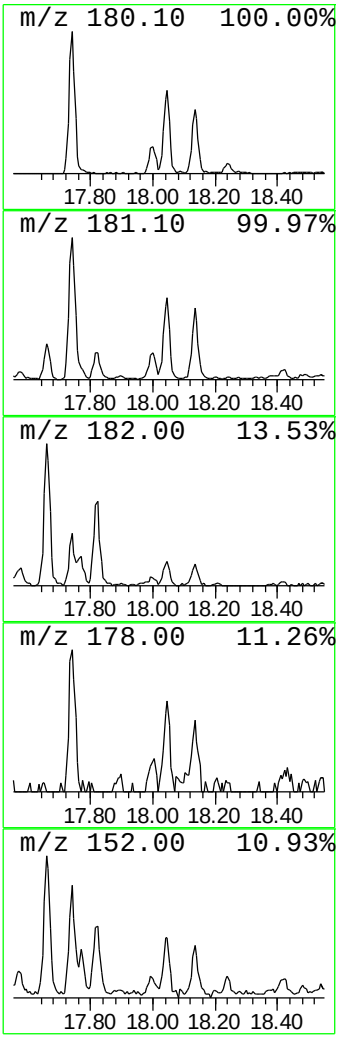
Peak Number 22 9H-Carbazole, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.52 ng/ul	246976	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	94
2	3-Methylcarbazole	181	C13H11N	004630-20-0	94
3	3-Methylcarbazole	181	C13H11N	004630-20-0	93
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93
5	4-Methylcarbazole	181	C13H11N	003770-48-7	89





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Misc :
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Instrument : BNA_N
ClientSampleId : DBFW8

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Quant Title : SVOA CALIBRATION

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

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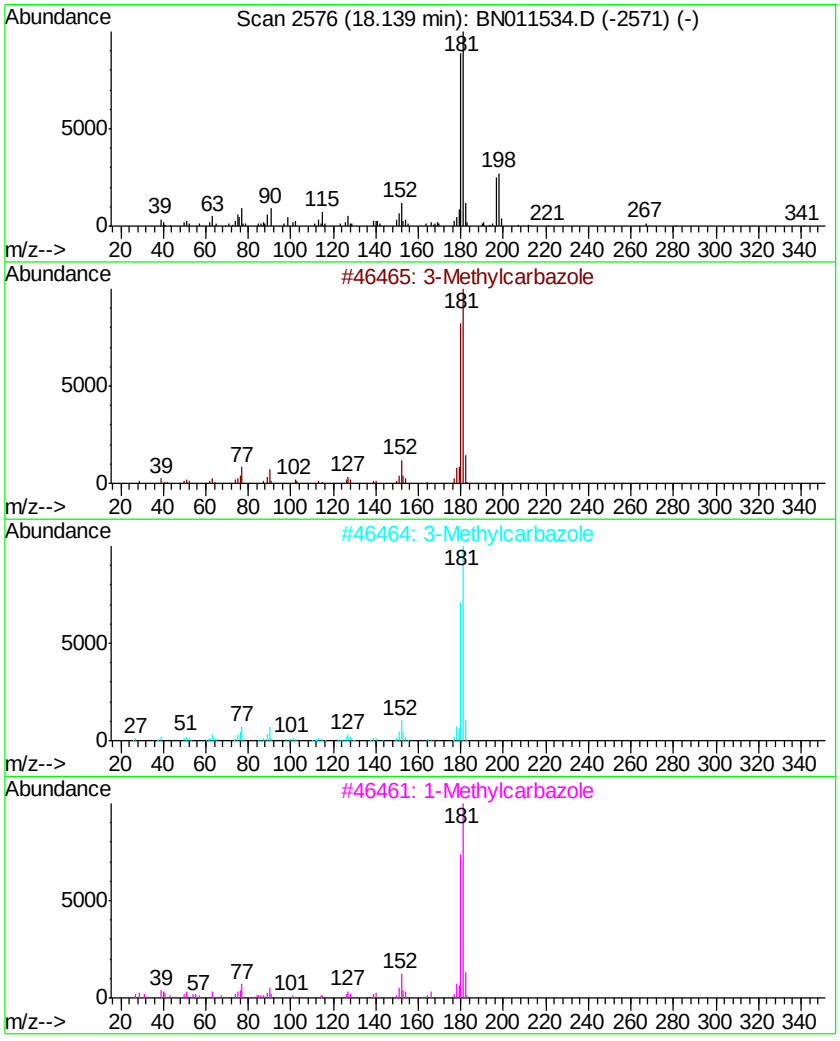
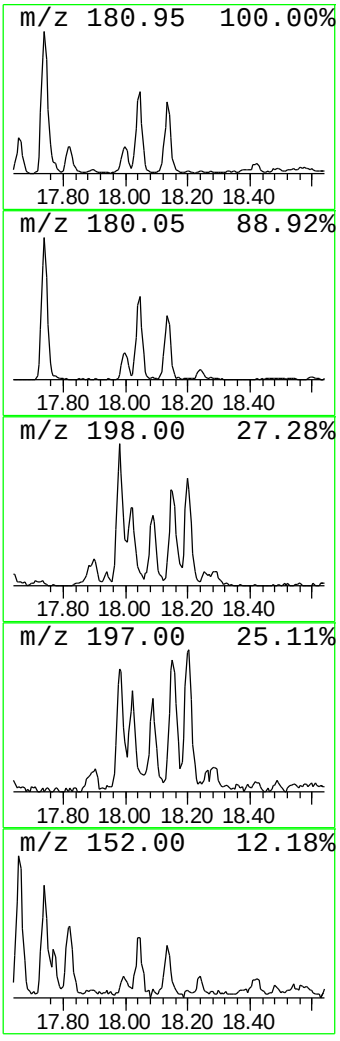
Peak Number 23 3-Methylcarbazole Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.89 ng/ul	283180	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	89
2	3-Methylcarbazole	181	C13H11N	004630-20-0	89
3	1-Methylcarbazole	181	C13H11N	006510-65-2	89
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	89
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	86





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Instrument : BNA_N
ClientSampleId : DBFW8

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Quant Title : SVOA CALIBRATION

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

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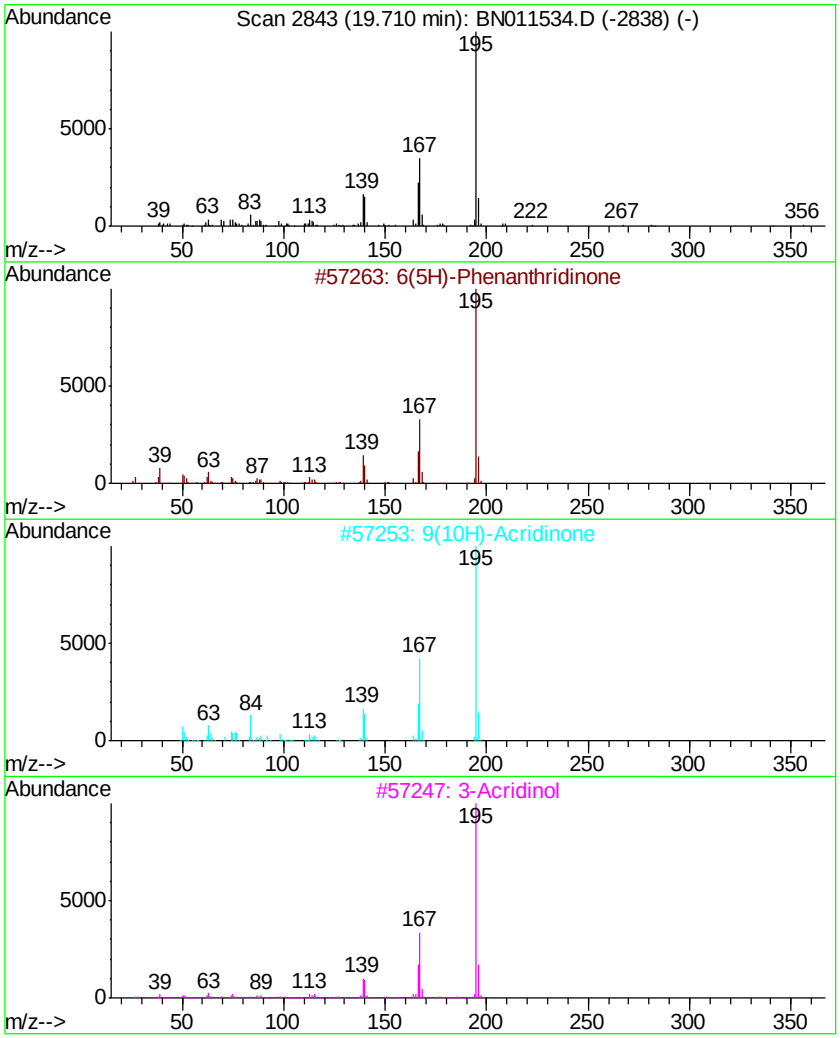
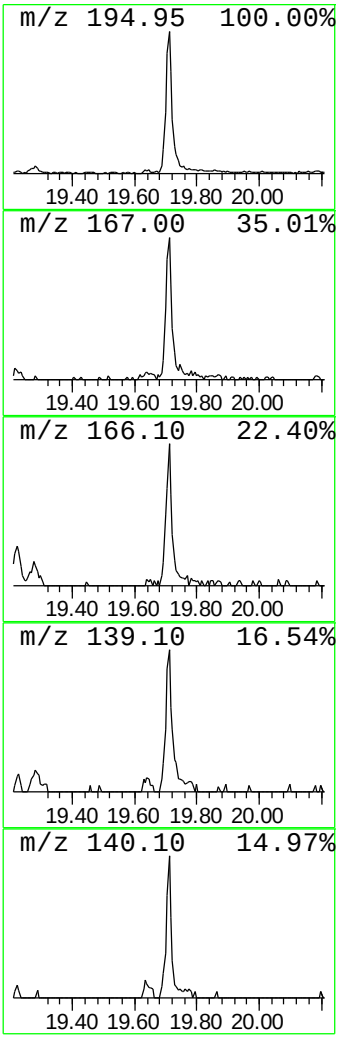
Peak Number 24 6(5H)-Phenanthridinone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.07 ng/ul	215127	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
3	3-Acridinol	195	C13H9NO	007132-70-9	94
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94





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Sample : L3668-17
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ALS Vial : 14 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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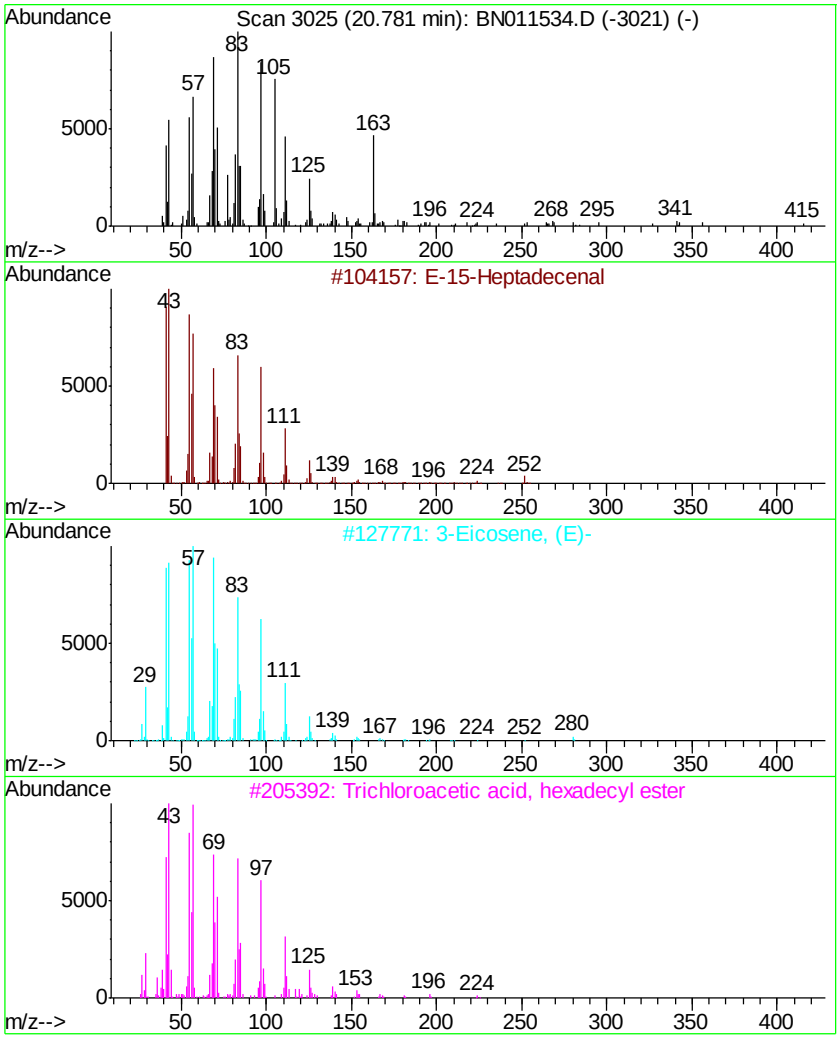
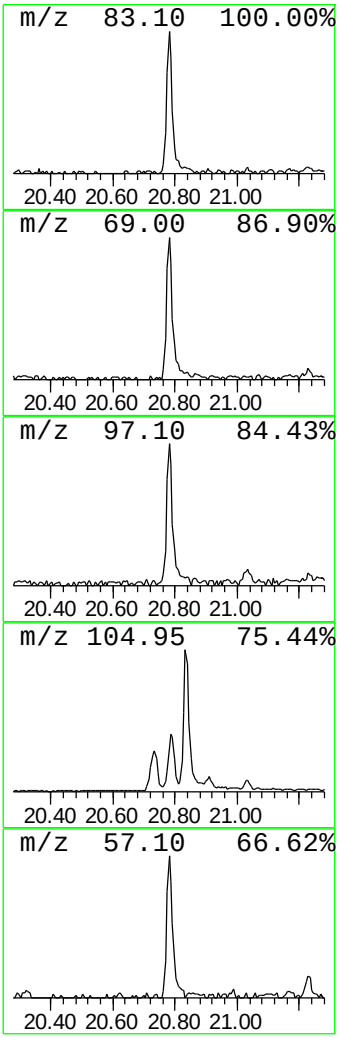
Peak Number 25 E-15-Heptadecenal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	4.22 ng/ul	437697	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	90
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	1-Nonadecene	266	C19H38	018435-45-5	86
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	72





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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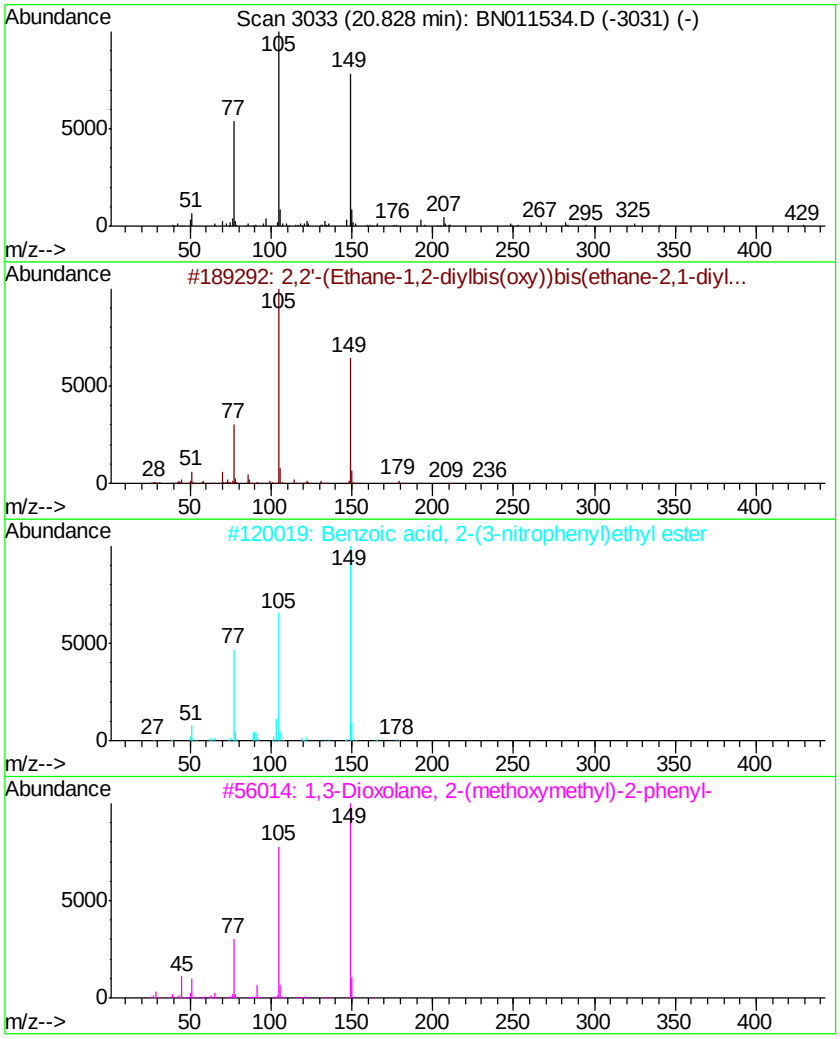
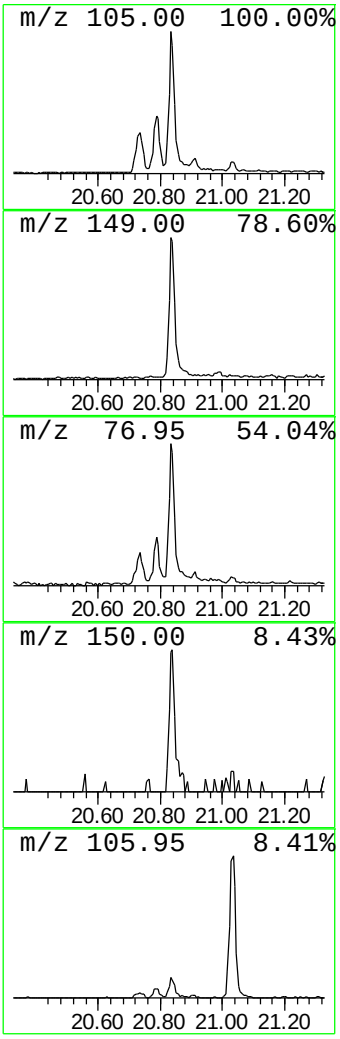
Peak Number 26 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.37 ng/ul	246099	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	78
2	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	78
3	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	64
4	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	50
5	Phthalic acid, butyl isoporpyl e...	264	C15H20O4	1000314-99-8	43





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Quant Title : SVOA CALIBRATION

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

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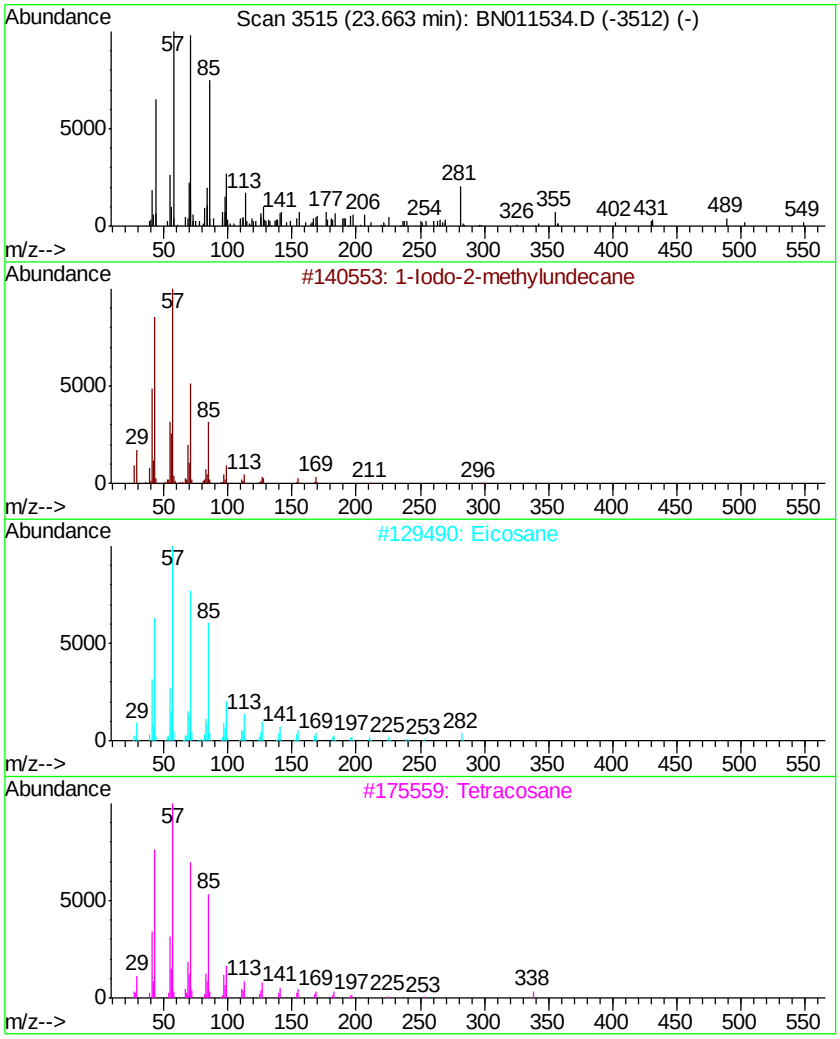
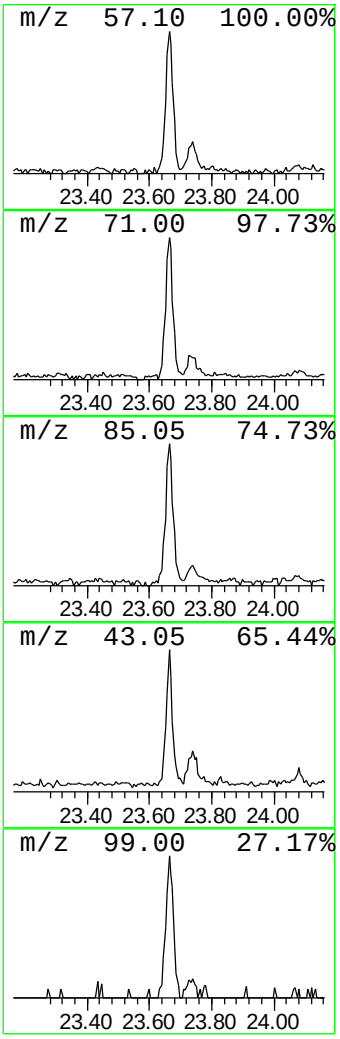
Peak Number 27 1-Iodo-2-methylundecane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	2.07 ng/ul	199210	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	81
2	Eicosane	282	C20H42	000112-95-8	81
3	Tetracosane	338	C24H50	000646-31-1	76
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	74
5	Heneicosane	296	C21H44	000629-94-7	74





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
Sample : L3668-17
Misc :
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Instrument : BNA_N
ClientSampleId : DBFW8

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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
Benzene, 1,2,3-tr...	7.08	3.0	ng/ul	108509	1	7.42	727611	20.0
Benzofuran	7.15	2.9	ng/ul	105507	1	7.42	727611	20.0
Indane	7.79	13.3	ng/ul	484162	1	7.42	727611	20.0
Benzene, 1-propynyl-	7.95	54.9	ng/ul	1996730	1	7.42	727611	20.0
Benzofuran, 2-met...	8.75	2.7	ng/ul	98945	1	7.42	727611	20.0
Benzofuran, 7-met...	8.88	6.1	ng/ul	310005	2	10.17	1018460	20.0
unknown-01	9.59	4.7	ng/ul	240906	2	10.17	1018460	20.0
Benzo[b]thiophene...	11.27	2.9	ng/ul	146466	2	10.17	1018460	20.0
Benzo[b]thiophene...	11.72	4.0	ng/ul	200931	2	10.17	1018460	20.0
Naphthalene, 1-me...	12.06	55.3	ng/ul	2814290	2	10.17	1018460	20.0
Naphthalene, 2,6-...	13.23	2.4	ng/ul	190899	3	14.06	1582390	20.0
Naphthalene, 1,3-...	13.37	3.2	ng/ul	250034	3	14.06	1582390	20.0
1-Naphthalenecarb...	14.19	17.5	ng/ul	1383770	3	14.06	1582390	20.0
9H-Fluorene, 9-me...	15.28	2.2	ng/ul	170511	3	14.06	1582390	20.0
2,4,6-Cycloheptat...	15.42	2.6	ng/ul	207849	3	14.06	1582390	20.0
Benzo[g]isoquinoline	15.56	3.0	ng/ul	291076	4	16.82	1961630	20.0
1(2H)-Acenaphthyl...	15.79	4.8	ng/ul	474904	4	16.82	1961630	20.0
Naphtho[1,2-b]thi...	16.63	2.3	ng/ul	226463	4	16.82	1961630	20.0
.beta.-Naphthamide	17.32	2.3	ng/ul	228231	4	16.82	1961630	20.0
1-Methylcarbazole	17.74	5.6	ng/ul	545217	4	16.82	1961630	20.0
Tacrine	17.98	2.3	ng/ul	222082	4	16.82	1961630	20.0
9H-Carbazole, 9-m...	18.05	2.5	ng/ul	246976	4	16.82	1961630	20.0
3-Methylcarbazole	18.14	2.9	ng/ul	283180	4	16.82	1961630	20.0
6(5H)-Phenanthrid...	19.71	2.1	ng/ul	215127	5	21.03	2074080	20.0
E-15-Heptadecenal	20.78	4.2	ng/ul	437697	5	21.03	2074080	20.0
2,2'-(Ethane-1,2-...	20.83	2.4	ng/ul	246099	5	21.03	2074080	20.0
1-Iodo-2-methylun...	23.66	2.1	ng/ul	199210	6	23.14	1923480	20.0