LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011528.D
Acq On : 20 Aug 2020 17:18
Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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	3.105	17	20	27	rVB2	24127	35996	0.14%	0.040%
2	5.146	362	367	378	rBV	28919	64301	0.25%	0.071%
3	5.493	418	426	433	rBV2	36906	65682	0.26%	0.072%
4	6.628	609	619	631	rVB2	91682	184770	0.72%	0.203%
5	6.781	640	645	658	rBV	341178	566453	2.21%	0.623%
6	6.969	670	677	687	rBV	407523	649497	2.53%	0.714%
7	7.081	691	696	703	rBV	66912	103075	0.40%	0.113%
8	7.152	703	708	715	rVB	67329	102603	0.40%	0.113%
9	7.422	747	754	763	rBV	525936	807557	3.15%	0.888%
10	7.534	769	773	780	rVB2	33309	54170	0.21%	0.060%
11	7.787	808	816	823	rBV	296135	454586	1.77%	0.500%
12	7.946	837	843	856	rVB	1141300	1799582	7.01%	1.979%
13	8.134	869	875	884	rBV	263672	433970	1.69%	0.477%
14	8.563	942	948	956	rVB	367137	649618	2.53%	0.714%
15	8.752	974	980	986	rBV	61577	94017	0.37%	0.103%
16	8.875	990	1001	1007	rVV	130328	267451	1.04%	0.294%
17	8.934	1007	1011	1019	rVB	37347	62018	0.24%	0.068%
18	9.269	1061	1068	1077	rBV	342216	550950	2.15%	0.606%
19	9.434	1091	1096	1100	rBV	38222	54144	0.21%	0.060%
20	9.587	1115	1122	1132	rBV5	73924	197963	0.77%	0.218%
21	9.675	1132	1137	1142	rVV2	51656	96844	0.38%	0.106%
22	9.804	1151	1159	1167	rBV2	558963	933367	3.64%	1.026%
23	10.104	1204	1210	1214	rBV4	20069	38608	0.15%	0.042%
24	10.169	1214	1221	1224	rVV	573563	980385	3.82%	1.078%
25	10.228	1224	1231	1239	rVV	14779461	25655956	100.00%	28.211%
26	10.334	1240	1249	1259	rVB2	1304175	2648659	10.32%	2.912%
27	11.269	1401	1408	1414	rBV	78056	128471	0.50%	0.141%
28	11.722	1479	1485	1497	rVB	97213	176112	0.69%	0.194%
29	11.834	1497	1504	1514	rBV	380152	629954	2.46%	0.693%
30	11.957	1519	1525	1530	rVV	45736	85524	0.33%	0.094%
31	12.057	1530	1542	1555	rVB	1408308	2367959	9.23%	2.604%
32	12.222	1565	1570	1580	rVB4	27284	46280	0.18%	0.051%
33	12.504	1610	1618	1633	rVB3	49827	104309	0.41%	0.115%
34	12.775	1659	1664	1670	rVB4	22669	39401	0.15%	0.043%

LSC Area Percent Report

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Data File : BN011528.D
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Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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	12.875	1673	1681	1688	rBV	617562	963159	3.75%	1.059%
36	13.081	1709	1716	1717	rBV3	57591	92388	0.36%	0.102%
37	13.228	1730	1741	1748	rBV5	56032	179131	0.70%	0.197%
38	13.375	1759	1766	1771	rBV	126663	224758	0.88%	0.247%
39	13.428	1771	1775	1778	rVV	67014	101841	0.40%	0.112%
40	13.481	1778	1784	1789	rVV	1162314	1589953	6.20%	1.748%
41	13.528	1789	1792	1798	rVV	137775	193753	0.76%	0.213%
42	13.610	1800	1806	1809	rVV2	52241	79510	0.31%	0.087%
43	13.740	1820	1828	1840	rBV	1208587	1948576	7.60%	2.143%
44	14.057	1875	1882	1887	rBV2	999517	1515865	5.91%	1.667%
45	14.122	1887	1893	1900	rVV	3368962	4631542	18.05%	5.093%
46	14.192	1900	1905	1911	rVB	867741	1208247	4.71%	1.329%
47	14.292	1918	1922	1928	rBV2	60343	98027	0.38%	0.108%
48	14.375	1932	1936	1941	rVB	52498	76033	0.30%	0.084%
49	14.463	1941	1951	1962	rBV2	1750496	2931710	11.43%	3.224%
50	14.616	1972	1977	1981	rBV	83695	108595	0.42%	0.119%
51	14.657	1981	1984	1988	rVV4	27312	44310	0.17%	0.049%
52	15.063	2047	2053	2057	rBV	1636926	2340114	9.12%	2.573%
53	15.116	2057	2062	2068	rVB	1648033	2220878	8.66%	2.442%
54	15.198	2071	2076	2082	rBV2	393332	701672	2.73%	0.772%
55	15.281	2087	2090	2097	rVV5	62601	141098	0.55%	0.155%
56	15.363	2097	2104	2109	rVV6	46547	126799	0.49%	0.139%
57	15.416	2109	2113	2120	rVB2	113792	173575	0.68%	0.191%
58	15.563	2134	2138	2148	rVB2	135977	243152	0.95%	0.267%
59	15.798	2172	2178	2184	rBV	270718	396184	1.54%	0.436%
60	15.981	2204	2209	2213	rBV	30680	47110	0.18%	0.052%
61	16.098	2222	2229	2232	rBV4	44400	97350	0.38%	0.107%
62	16.128	2232	2234	2238	rVB4	36598	44318	0.17%	0.049%
63	16.475	2282	2293	2303	rVB	276423	461767	1.80%	0.508%
64	16.634	2312	2320	2325	rVB	120142	189994	0.74%	0.209%
65	16.734	2332	2337	2343	rBV	41015	83204	0.32%	0.091%
66	16.816	2343	2351	2354	rVV	1275019	1906244	7.43%	2.096%
67	16.857	2354	2358	2362	rVV	1050868	1443502	5.63%	1.587%
68	16.910	2362	2367	2377	rVV	2000544	3120144	12.16%	3.431%
69	16.975	2377	2378	2381	rVV	36030	35514	0.14%	0.039%
70	17.016	2381	2385	2392	rVB3	63660	107499	0.42%	0.118%
71	17.228	2409	2421	2426	rBV	4248520	5696684	22.20%	6.264%

LSC Area Percent Report

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Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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

72	17.316	2431	2436	2444	rVB4	86012	185397	0.72%	0.204%
73	17.392	2444	2449	2452	rBV	112442	154697	0.60%	0.170%
74	17.486	2462	2465	2469	rVB3	46634	57694	0.22%	0.063%
75	17.657	2488	2494	2498	rBV	112511	177889	0.69%	0.196%
76	17.739	2503	2508	2518	rVV	332698	501980	1.96%	0.552%
77	17.816	2518	2521	2527	rVV2	77848	110469	0.43%	0.121%
78	17.886	2527	2533	2539	rVB3	99116	168918	0.66%	0.186%
79	17.986	2544	2550	2555	rVV2	82368	207436	0.81%	0.228%
80	18.045	2556	2560	2564	rVV	133981	208562	0.81%	0.229%
81	18.086	2564	2567	2570	rVV2	46548	67691	0.26%	0.074%
82	18.139	2571	2576	2583	rVV2	130332	268289	1.05%	0.295%
83	18.198	2583	2586	2591	rVV	75051	115912	0.45%	0.127%
84	18.422	2620	2624	2628	rBV4	23586	35373	0.14%	0.039%
85	18.851	2691	2697	2699	rBV4	34878	53317	0.21%	0.059%
86	18.886	2699	2703	2708	rVV	121607	164234	0.64%	0.181%
87	19.104	2737	2740	2744	rBV2	42245	56210	0.22%	0.062%
88	19.222	2754	2760	2768	rBV	2648859	3517305	13.71%	3.868%
89	19.275	2768	2769	2774	rVB3	36096	44401	0.17%	0.049%
90	19.639	2826	2831	2837	rBV	75117	110102	0.43%	0.121%
91	19.710	2838	2843	2851	rVV	120571	183857	0.72%	0.202%
92	20.369	2952	2955	2960	rVV4	24512	36579	0.14%	0.040%
93	20.463	2967	2971	2974	rBV4	22231	39434	0.15%	0.043%
94	20.739	3012	3018	3021	rBV2	59545	110476	0.43%	0.121%
95	20.780	3021	3025	3031	rVV2	211854	325413	1.27%	0.358%
96	20.833	3031	3034	3040	rVV	205452	271697	1.06%	0.299%
97	21.033	3063	3068	3076	rBV2	1695651	2126484	8.29%	2.338%
98	21.233	3097	3102	3103	rBV3	66515	90385	0.35%	0.099%
99	23.010	3398	3404	3411	rBV	1745229	2968335	11.57%	3.264%
100	23.139	3421	3426	3436	rVB	1121914	1888876	7.36%	2.077%

Sum of corrected areas: 90941844

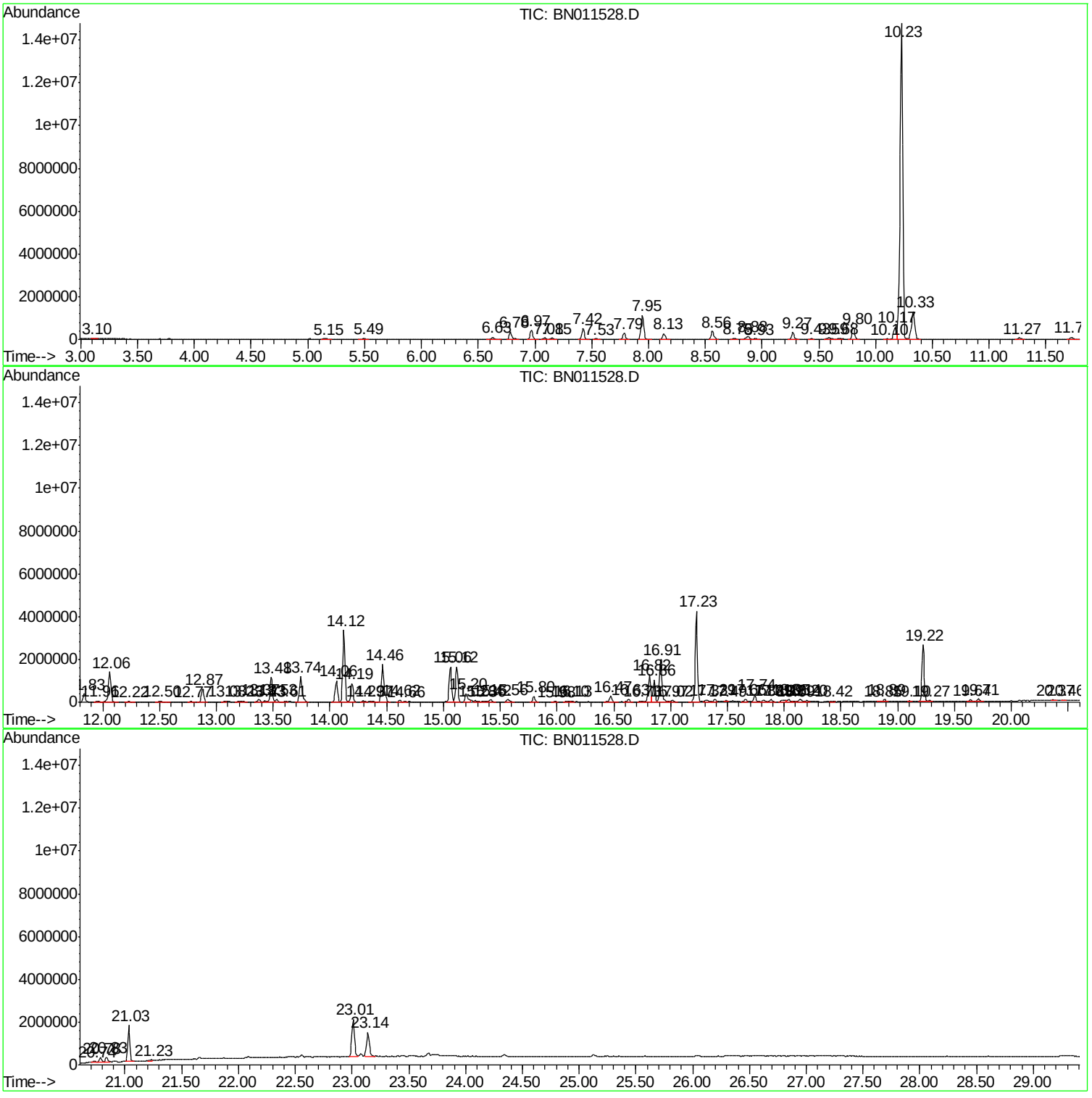
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011528.D
Acq On : 20 Aug 2020 17:18
Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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\
Data File : BN011528.D
Acq On : 20 Aug 2020 17:18
Operator : CG/JU
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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

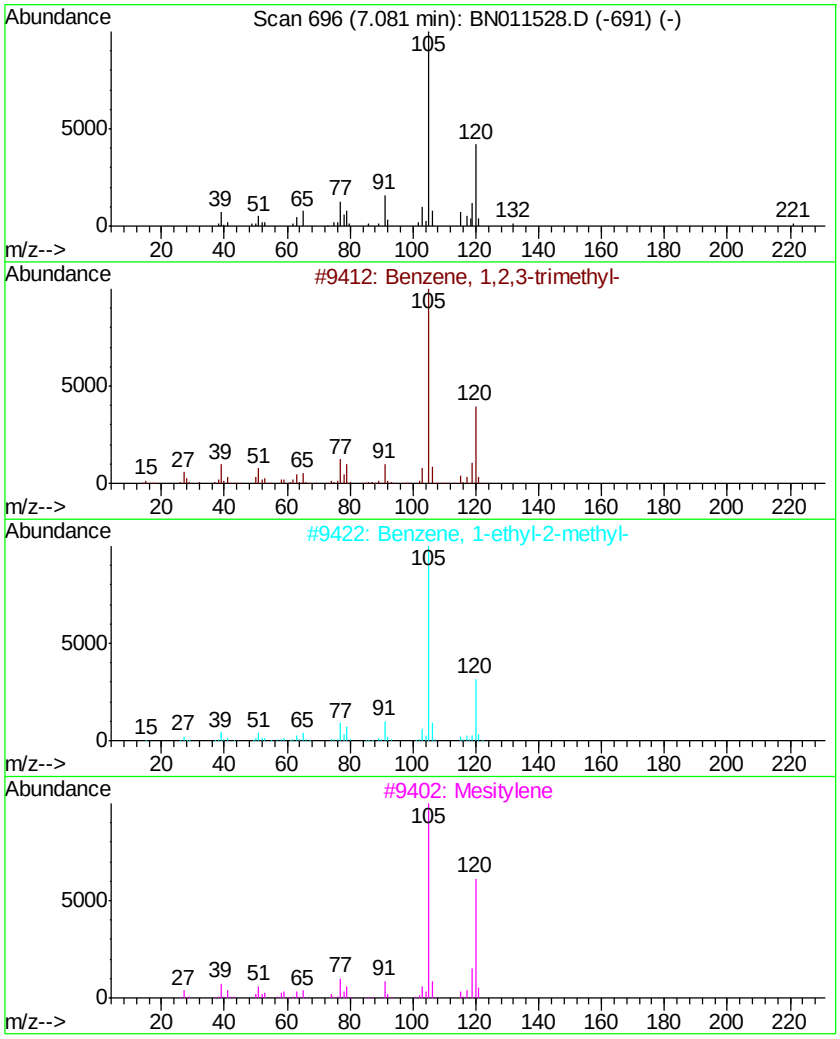
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

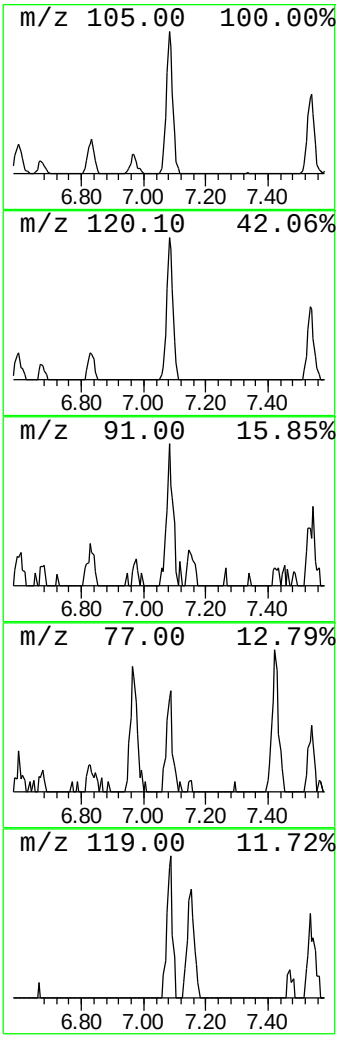
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	2.55 ng/ul	103075	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011528.D
Acq On : 20 Aug 2020 17:18
Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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

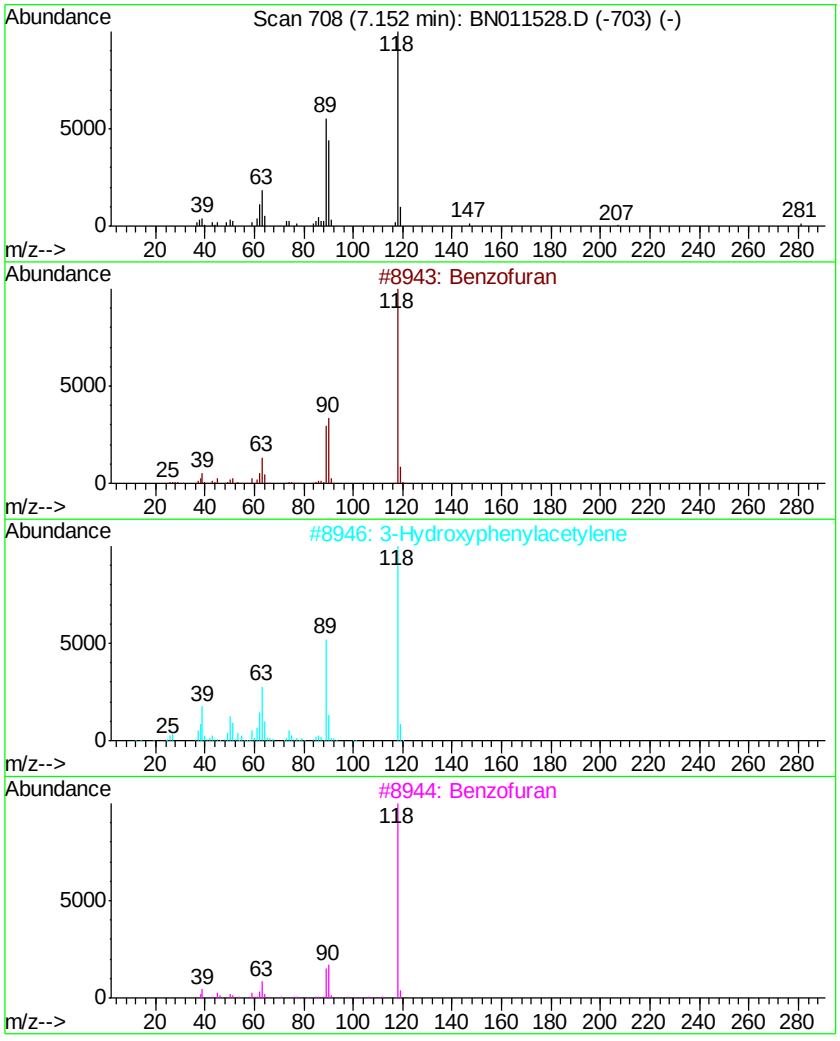
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

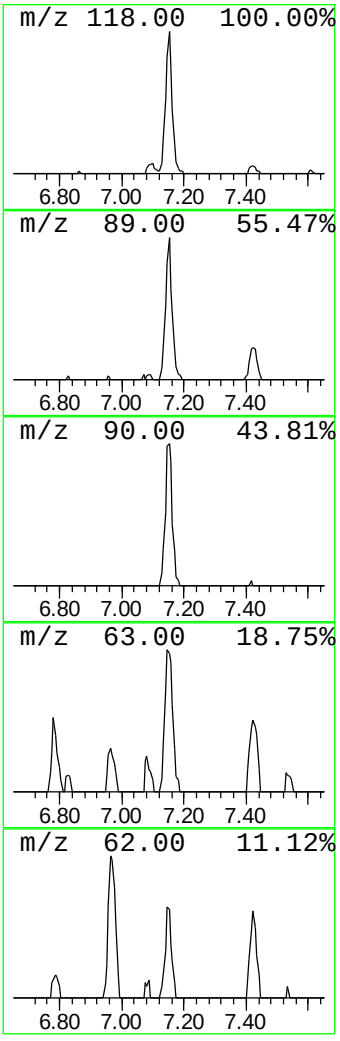
****

Peak Number 2 Benzofuran Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	2.54 ng/ul	102603	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	87
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
3	Benzofuran	118	C8H6O	000271-89-6	86
4	Coumarin	146	C9H6O2	000091-64-5	83
5	Benzofuran	118	C8H6O	000271-89-6	72





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Instrument : BNA_N
ClientSampleId : DBFX4

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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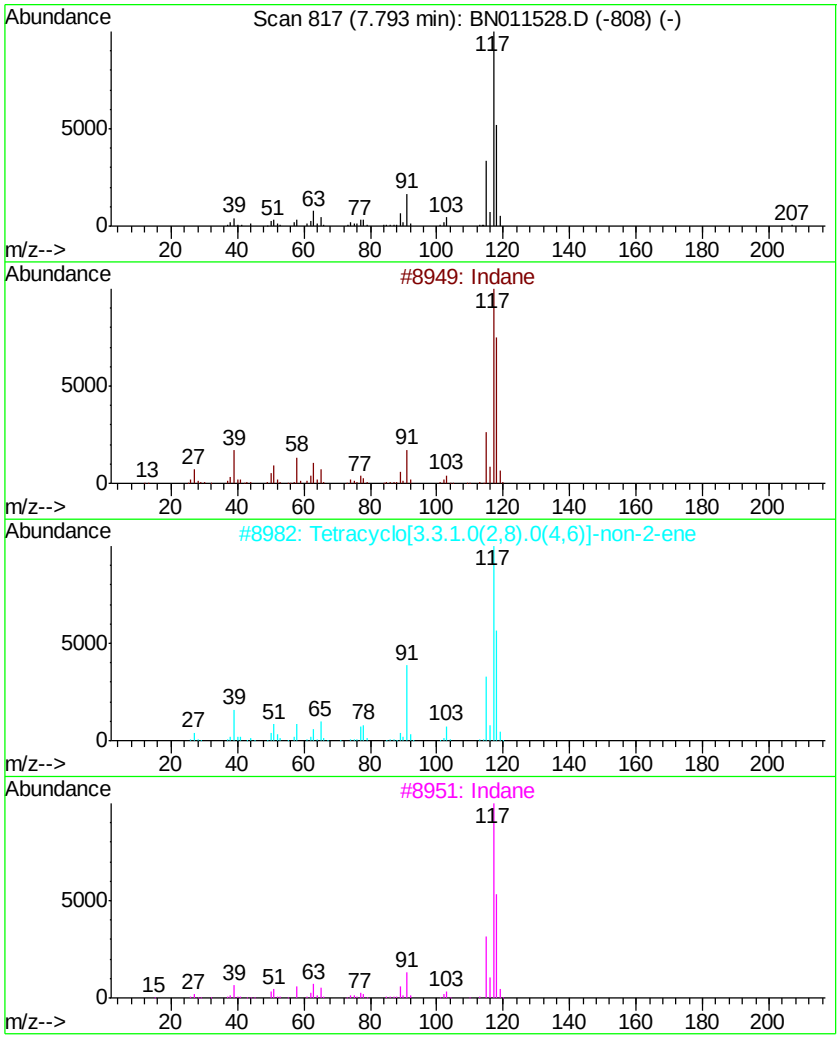
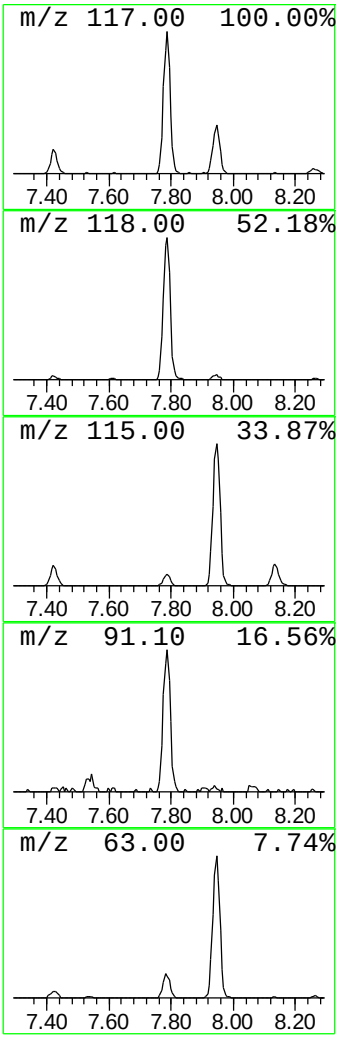
Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	11.26 ng/ul	454586	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Indane	118	C9H10	000496-11-7	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
5	Deltacyclene	118	C9H10	007785-10-6	72





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Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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

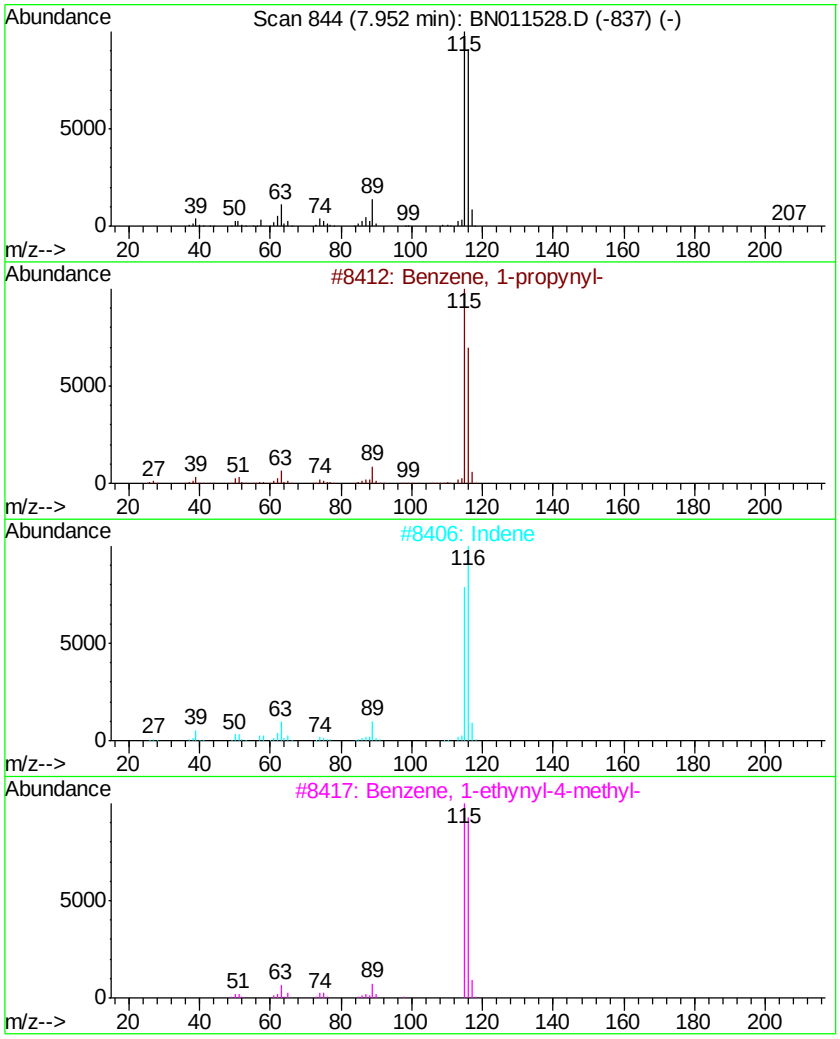
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

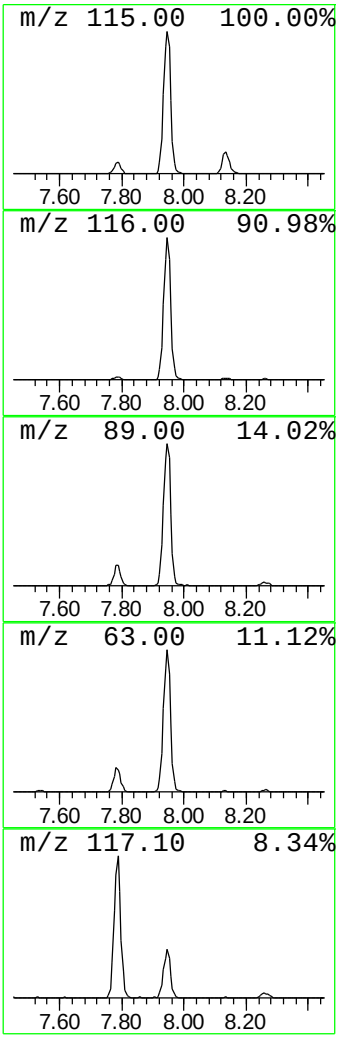
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	44.57 ng/ul	1799580	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	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Data File : BN011528.D
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Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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

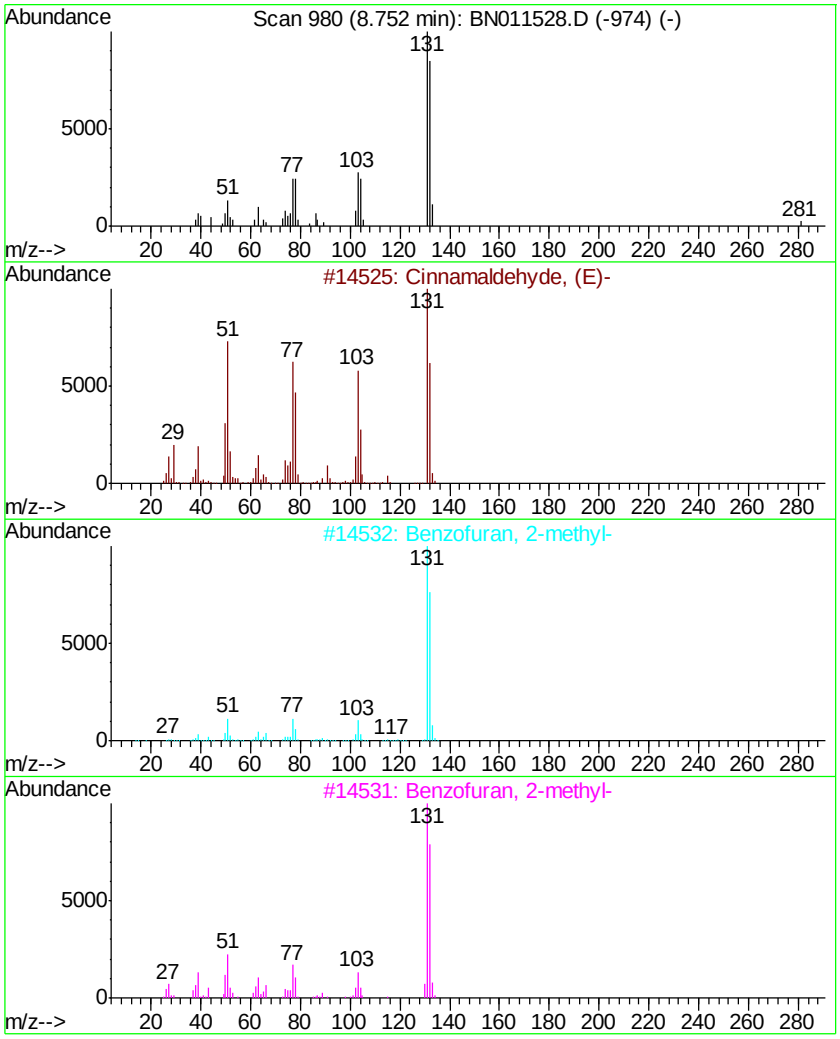
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

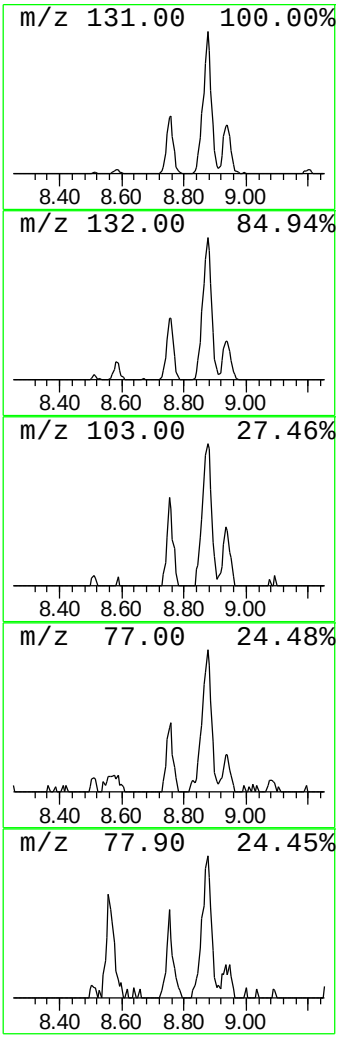
****

Peak Number 5 Cinnamaldehyde, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	2.33 ng/ul	94017	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	86
5	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	86





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Operator : CG/JU
Sample : L3668-22
Misc :
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Instrument : BNA_N
ClientSampleId : DBFX4

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Quant Title : SVOA CALIBRATION

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

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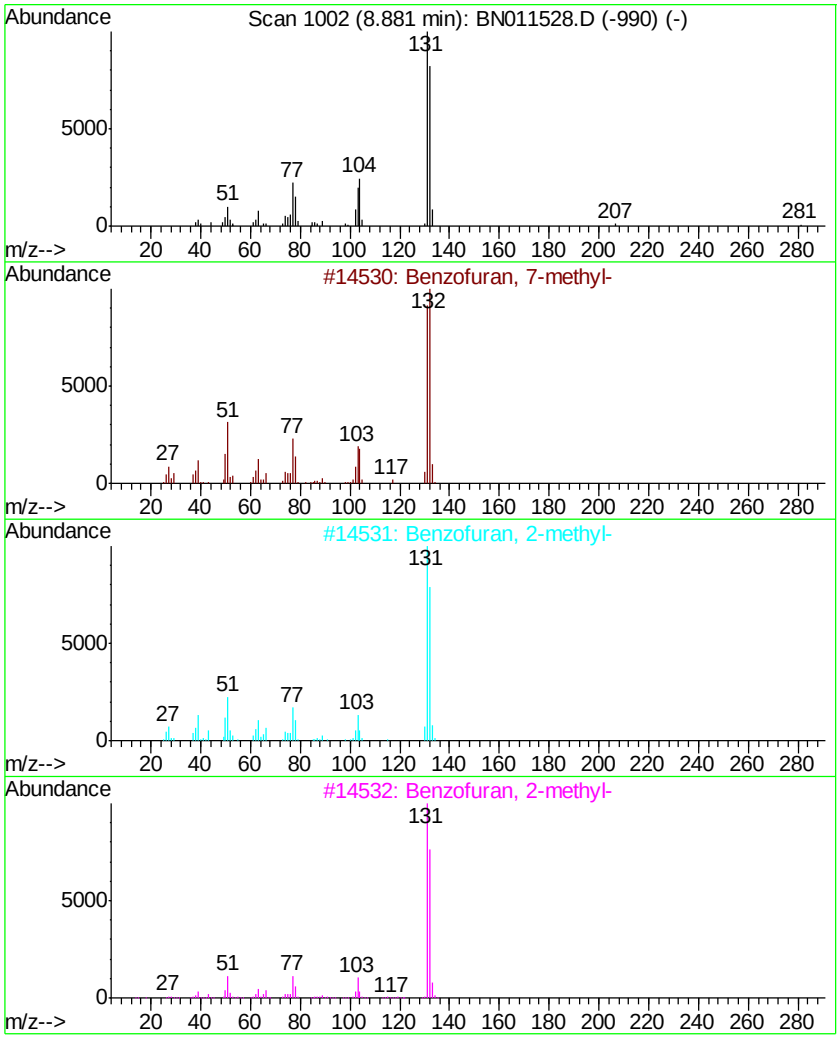
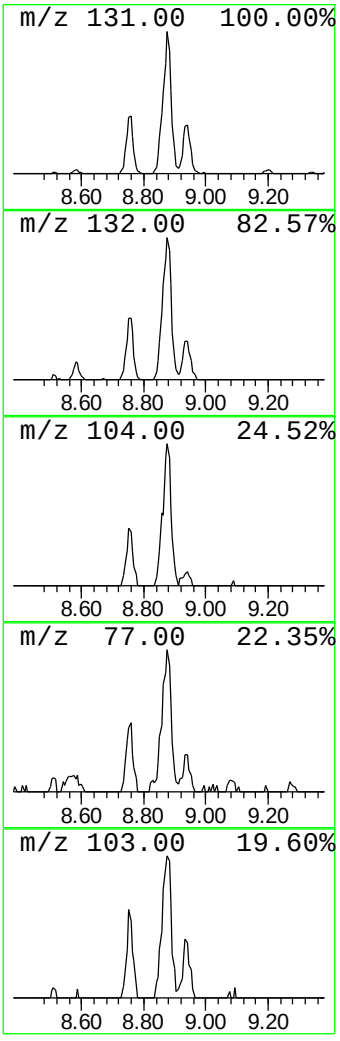
Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	5.46 ng/ul	267451	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	86
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83





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Quant Title : SVOA CALIBRATION

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

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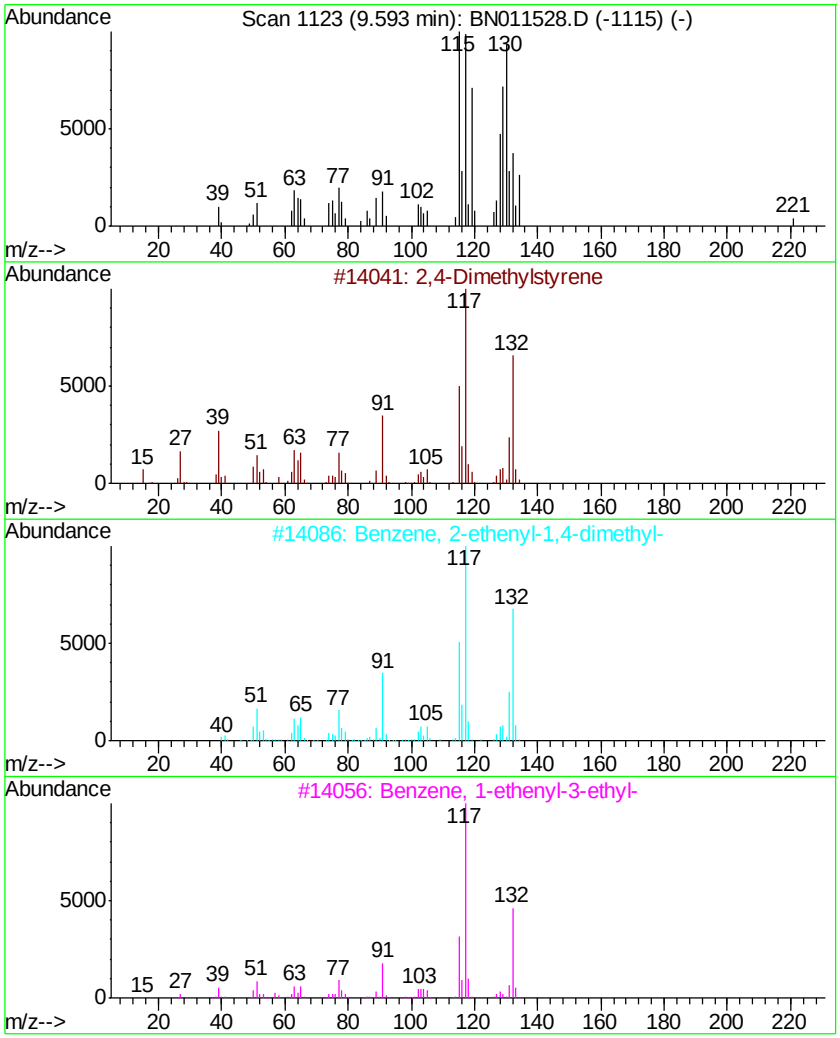
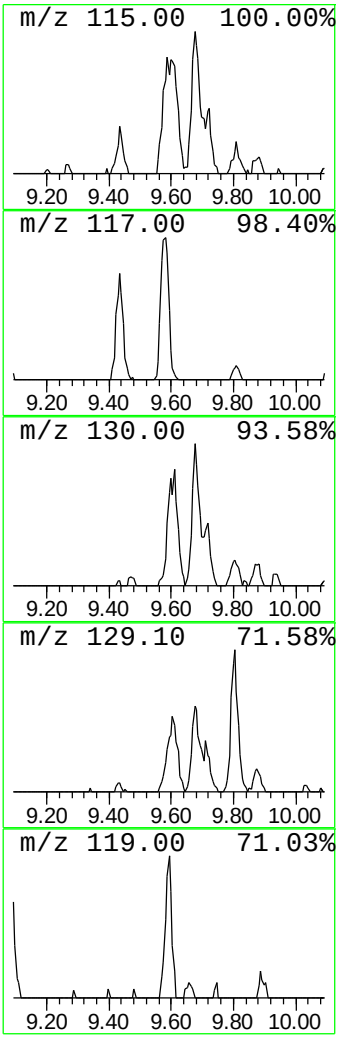
Peak Number 7 2,4-Dimethylstyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	4.04 ng/ul	197963	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	60
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	53
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	47
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	47





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Quant Title : SVOA CALIBRATION

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

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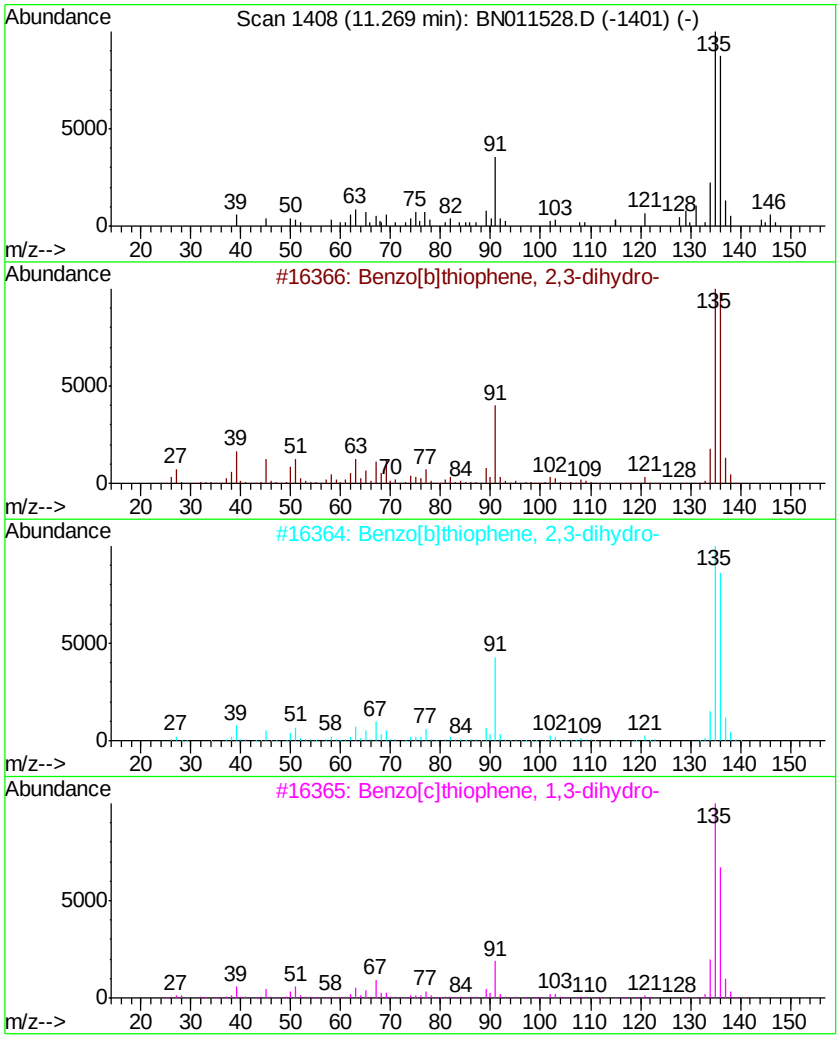
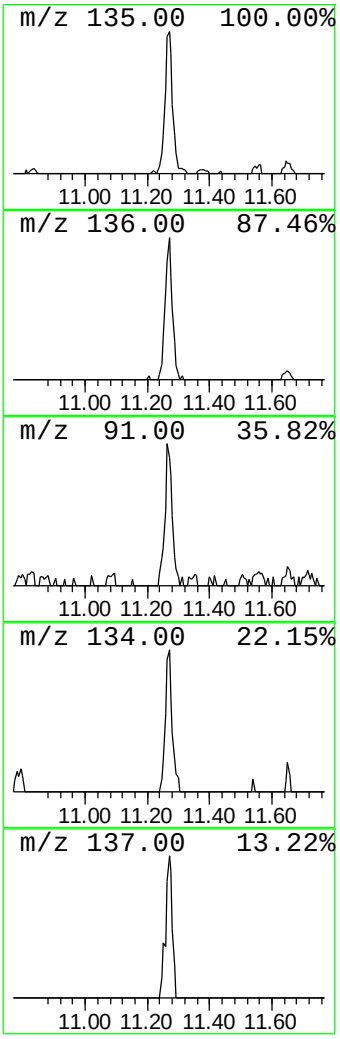
Peak Number 8 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.62 ng/ul	128471	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	91
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	91
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	76
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	72
5	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	64





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Quant Title : SVOA CALIBRATION

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

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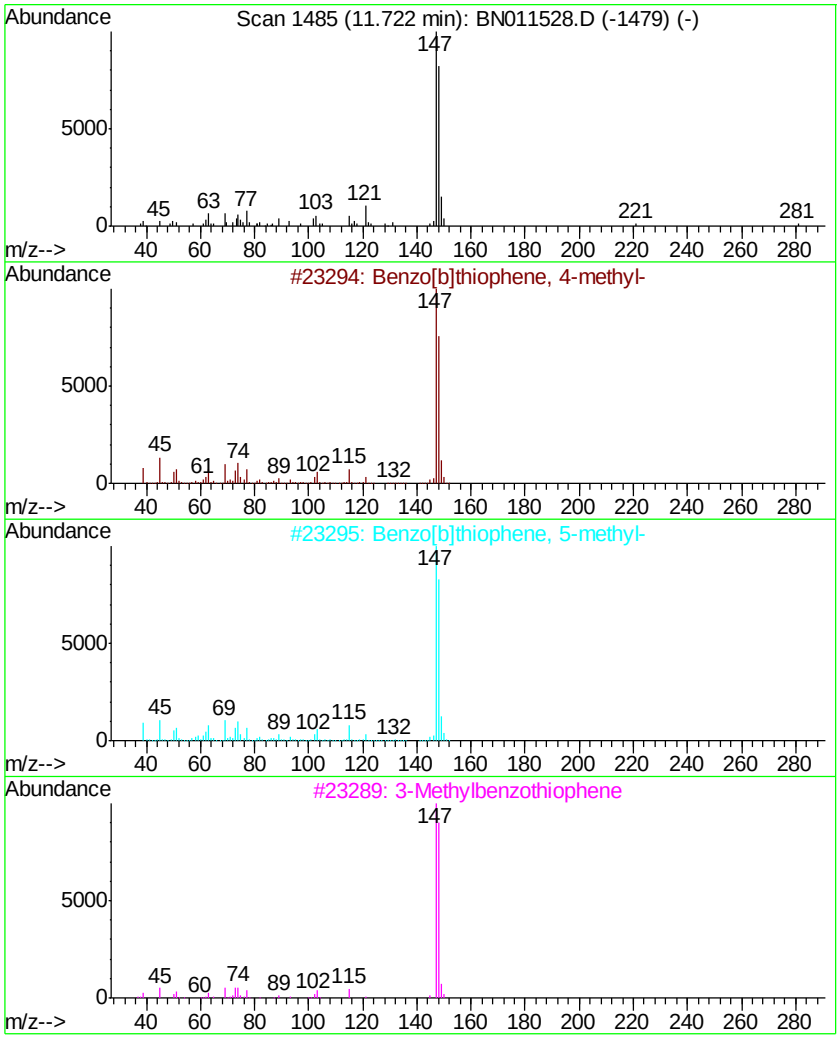
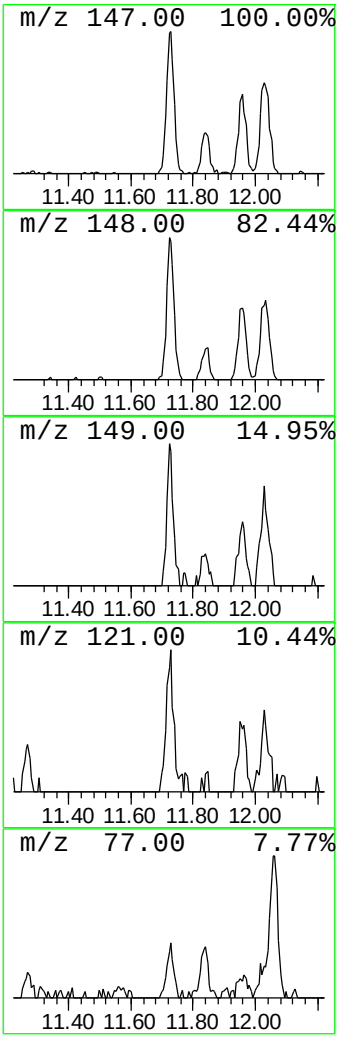
Peak Number 9 Benzo[b]thiophene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.59 ng/ul	176112	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	80
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	78
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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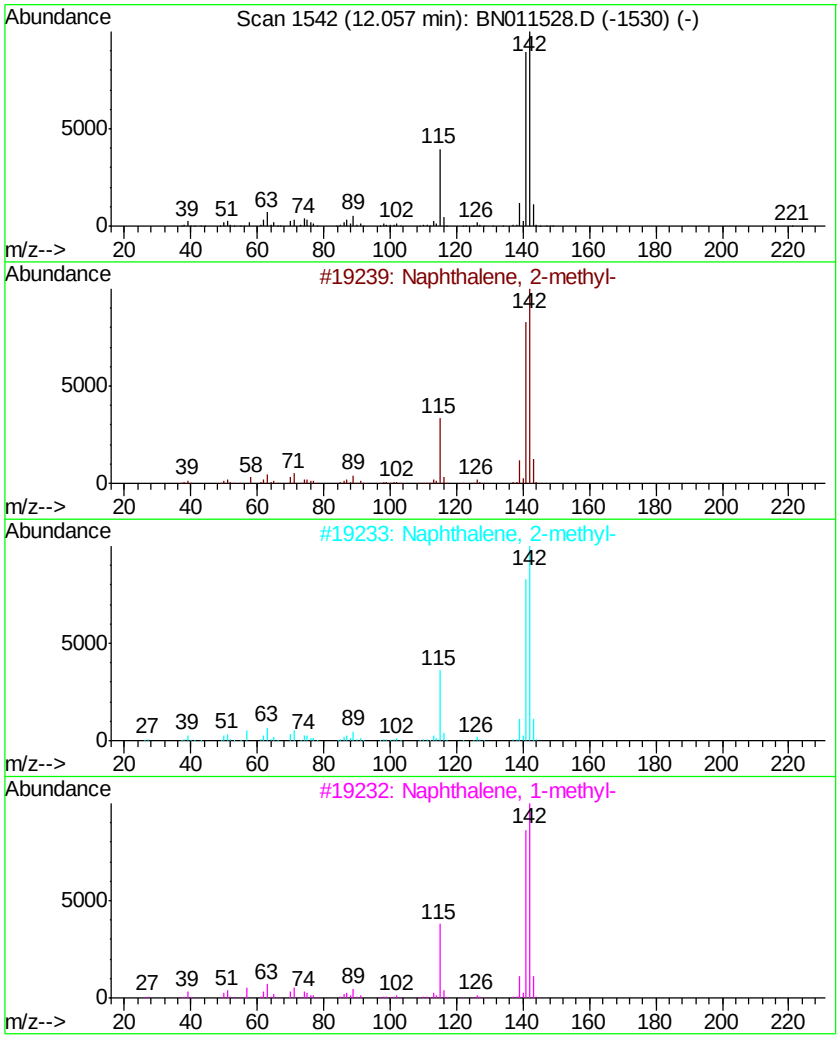
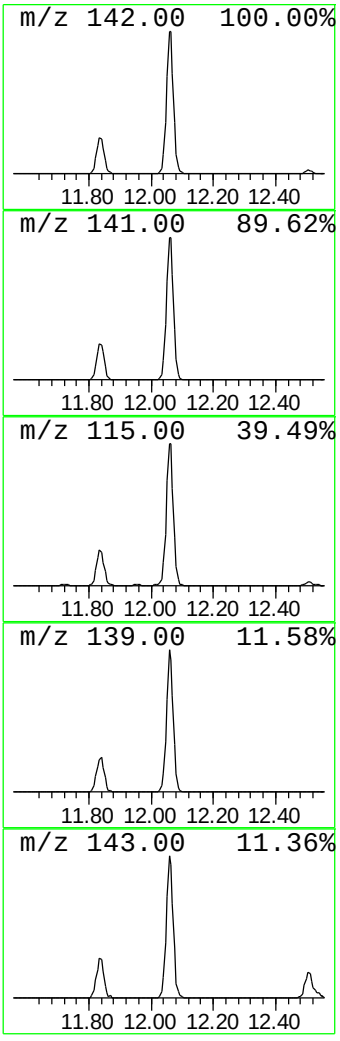
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	48.31 ng/ul	2367960	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Quant Title : SVOA CALIBRATION

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

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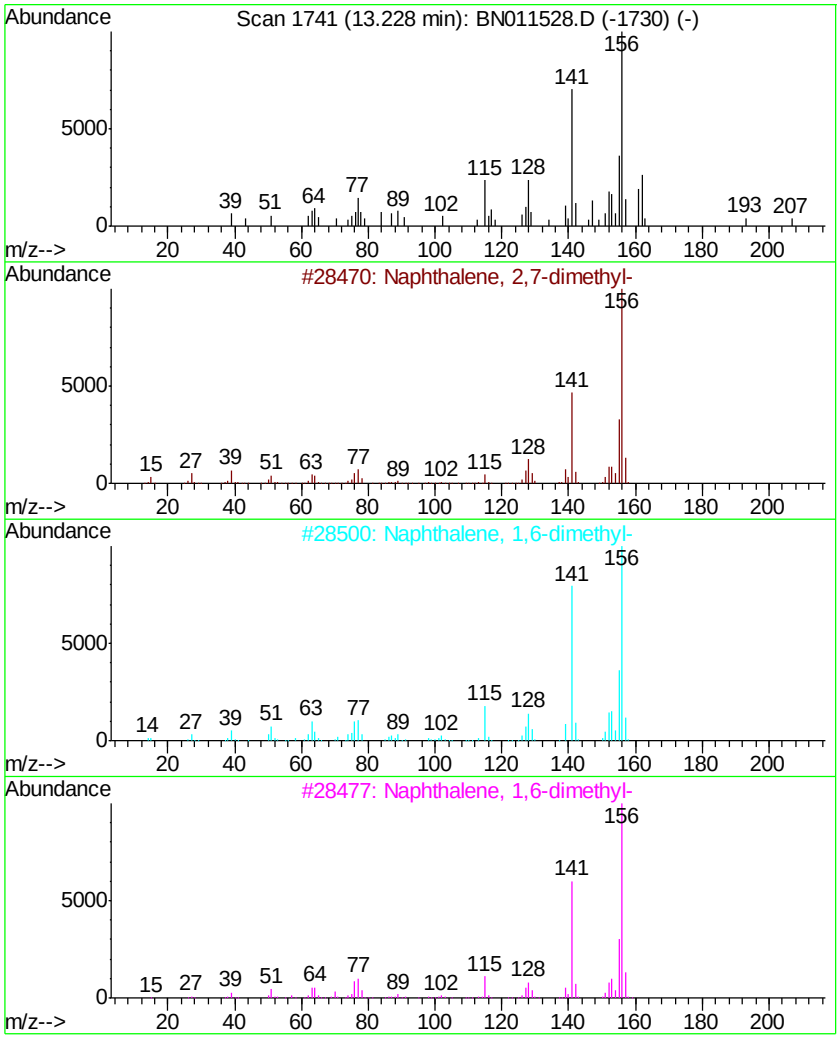
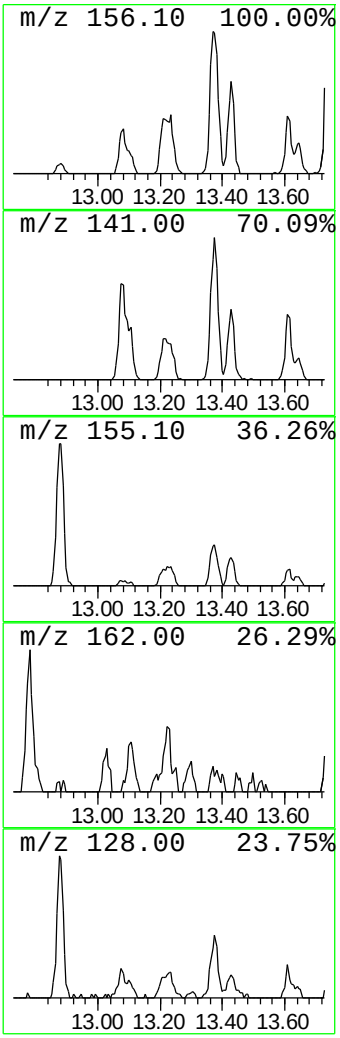
Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.36 ng/ul	179131	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91





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Misc :
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Quant Title : SVOA CALIBRATION

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

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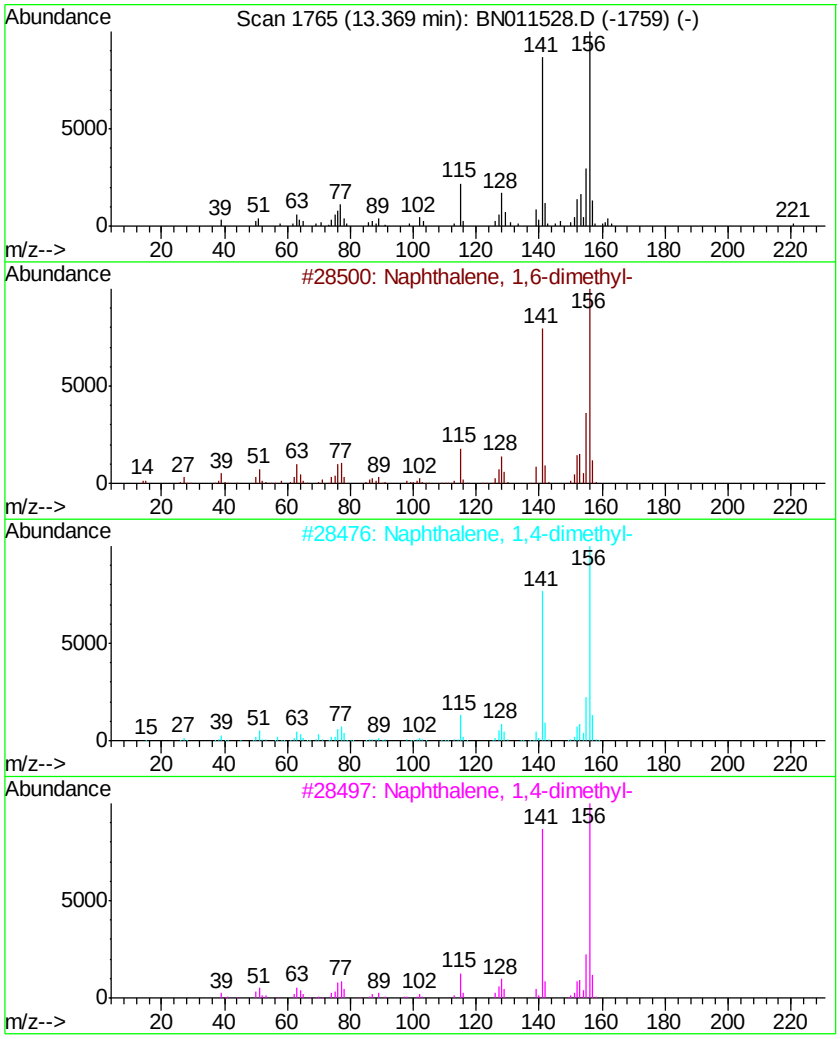
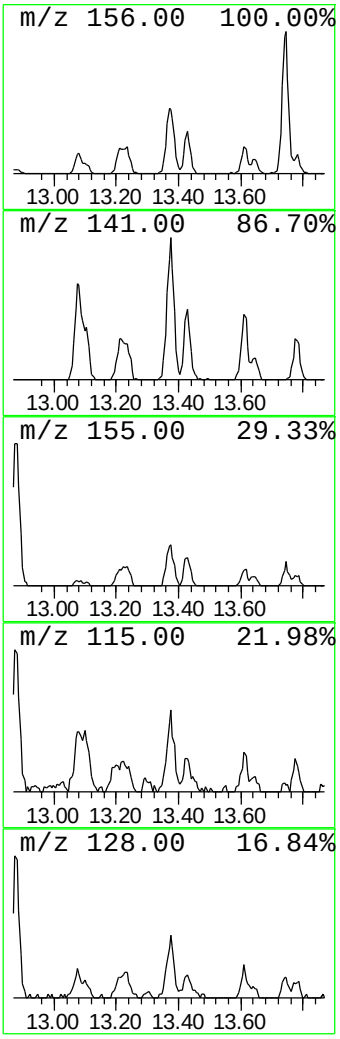
Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.97 ng/ul	224758	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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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	15.94 ng/ul	1208250	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	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
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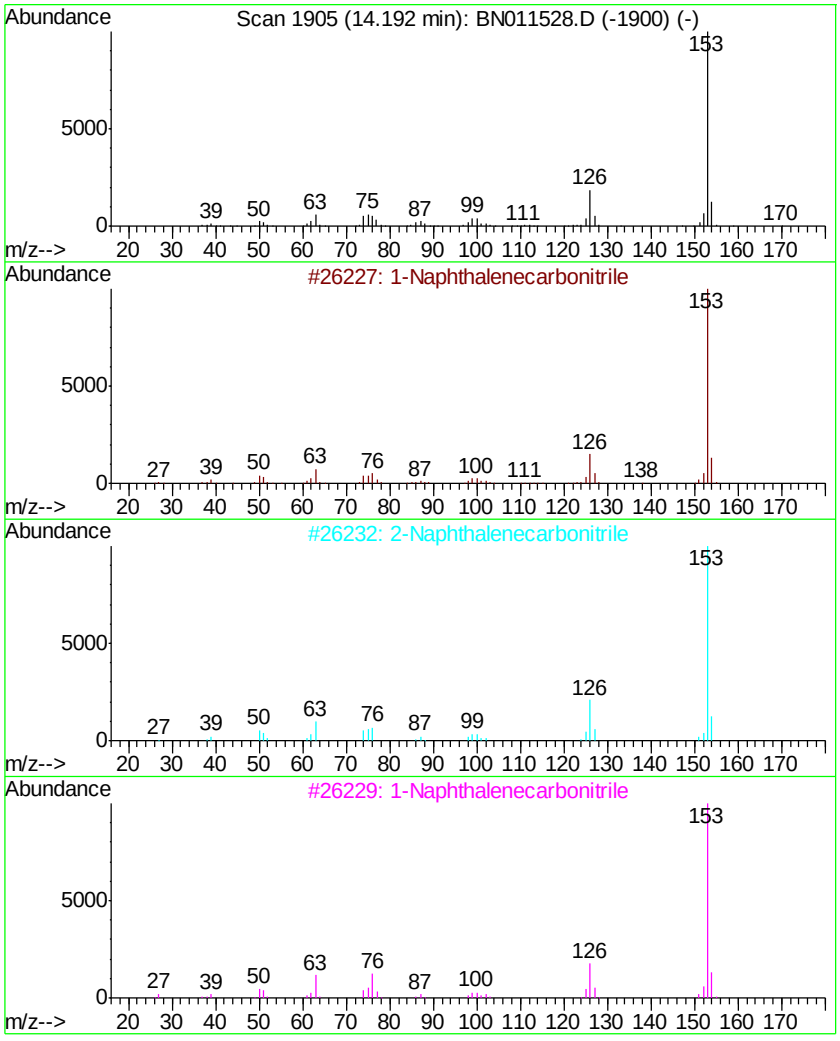

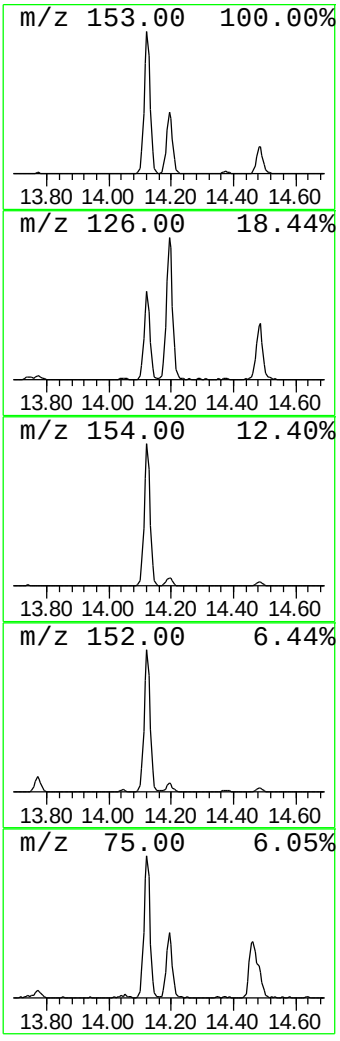

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TIC Library : C:\DATABASE\NIST11.L
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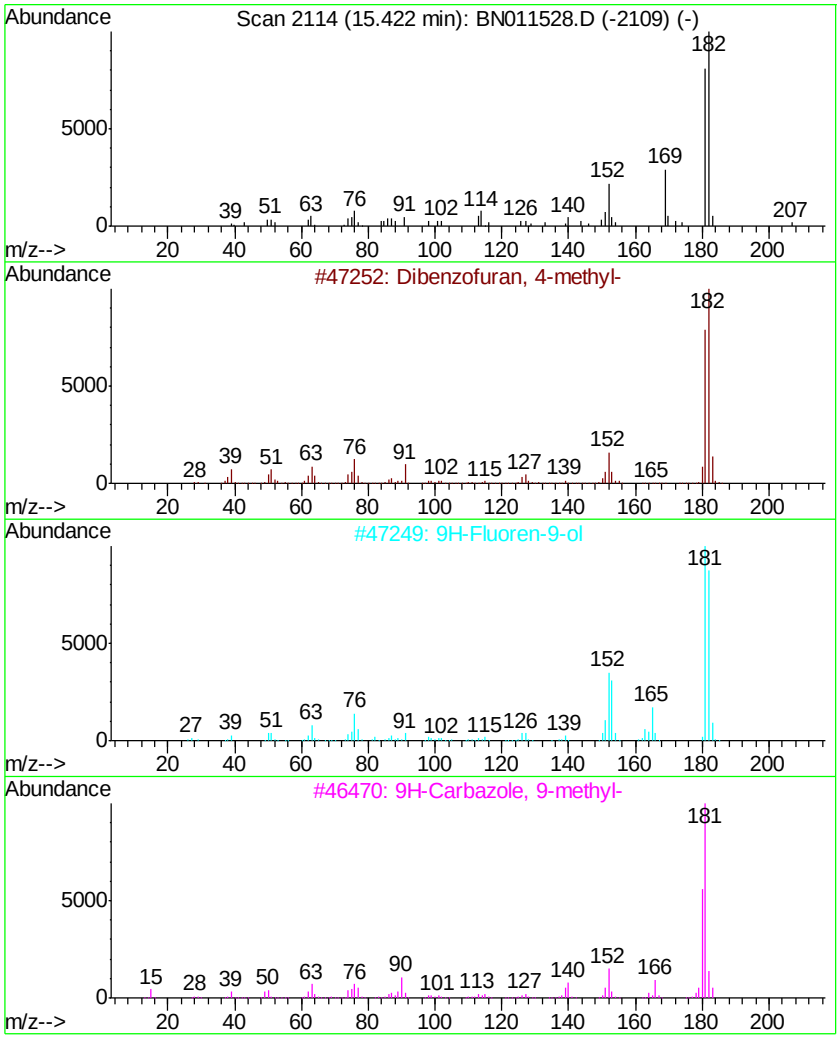
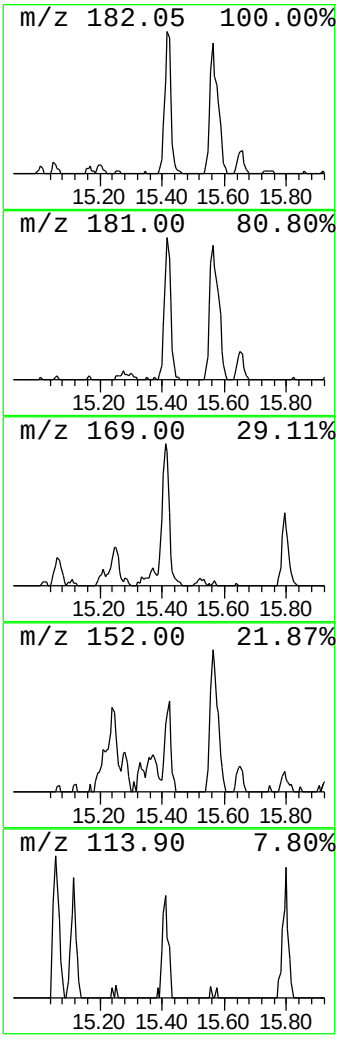
Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.29 ng/ul	173575	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	62
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	50
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	35
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	30
5	3-Methylcarbazole	181	C13H11N	004630-20-0	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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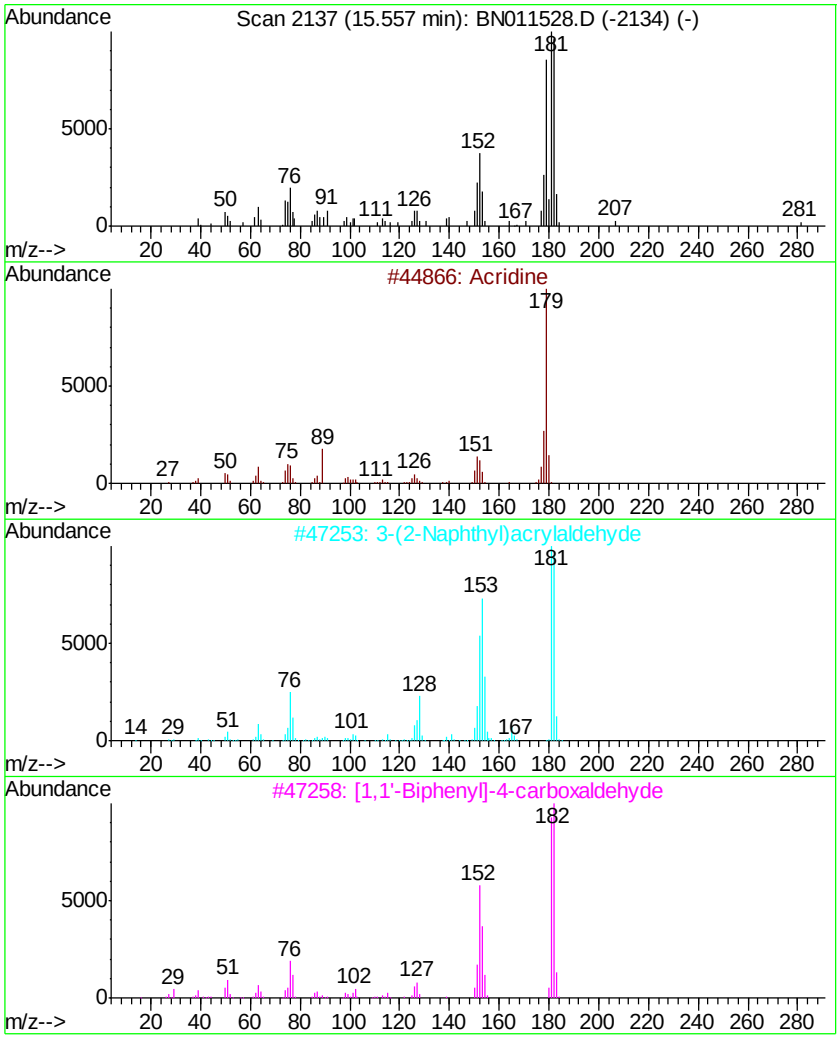
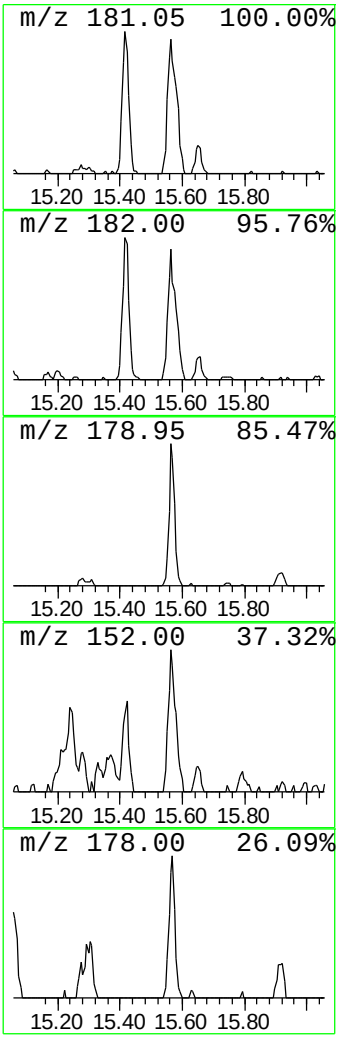
Peak Number 15 Acridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.55 ng/ul	243152	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	64
2	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	55
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	55
4	Phenanthridine	179	C13H9N	000229-87-8	50
5	Benzo[g]isoquinoline	179	C13H9N	000260-32-2	50





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Quant Title : SVOA CALIBRATION

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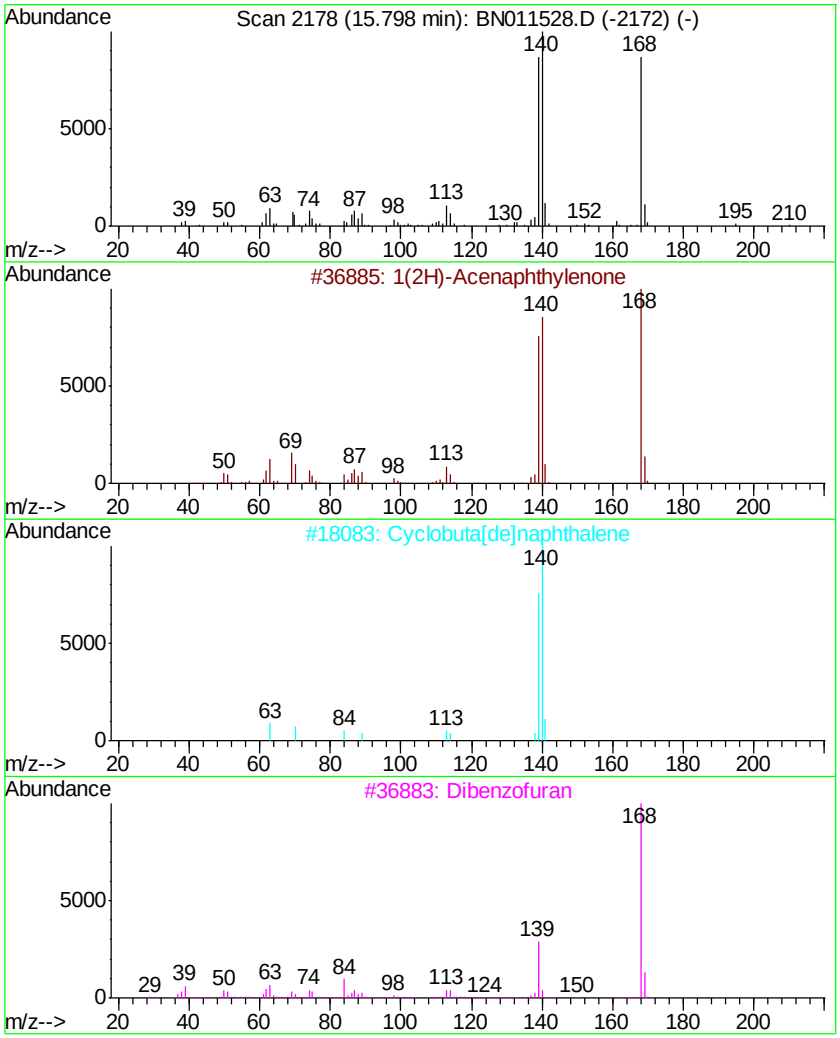
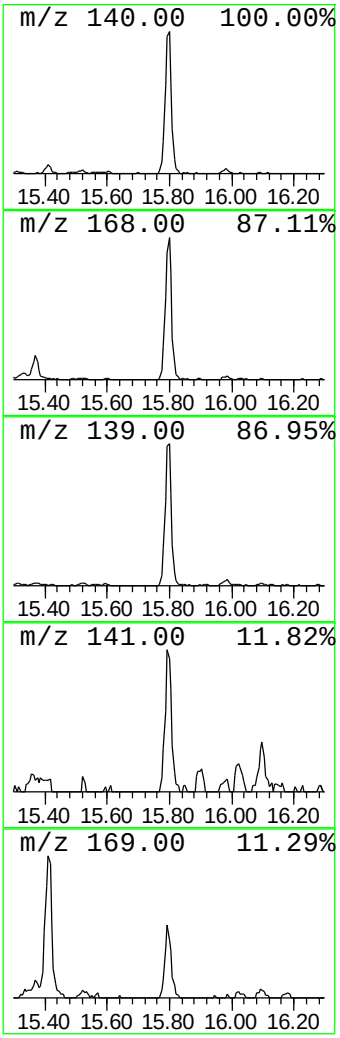
Peak Number 16 1(2H)-Acenaphthylenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	4.16 ng/ul	396184	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	70
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	58
3	Dibenzofuran	168	C12H8O	000132-64-9	55
4	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	53
5	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53





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Quant Title : SVOA CALIBRATION

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

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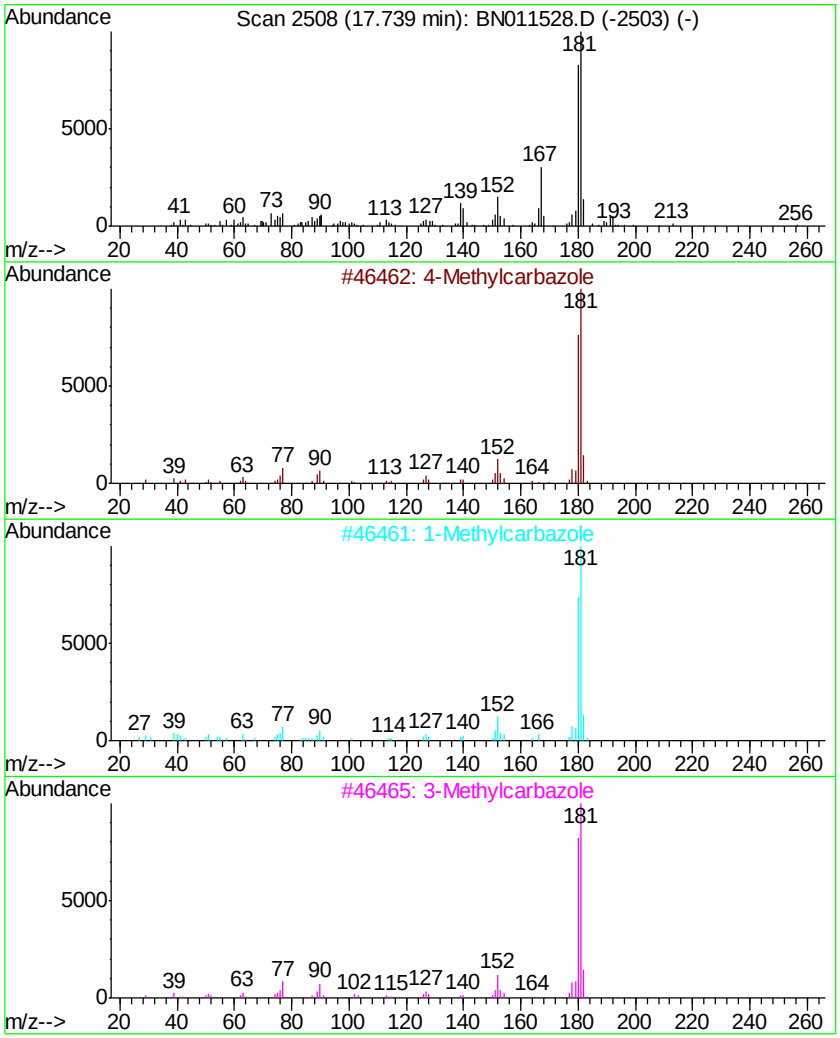
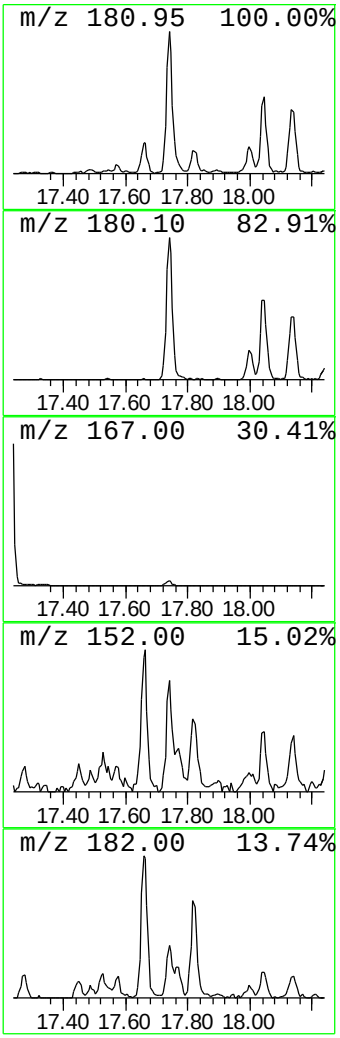
Peak Number 17 4-Methylcarbazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	5.27 ng/ul	501980	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	96
2	1-Methylcarbazole	181	C13H11N	006510-65-2	94
3	3-Methylcarbazole	181	C13H11N	004630-20-0	94
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	90
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	89





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Data File : BN011528.D
Acq On : 20 Aug 2020 17:18
Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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Quant Title : SVOA CALIBRATION

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

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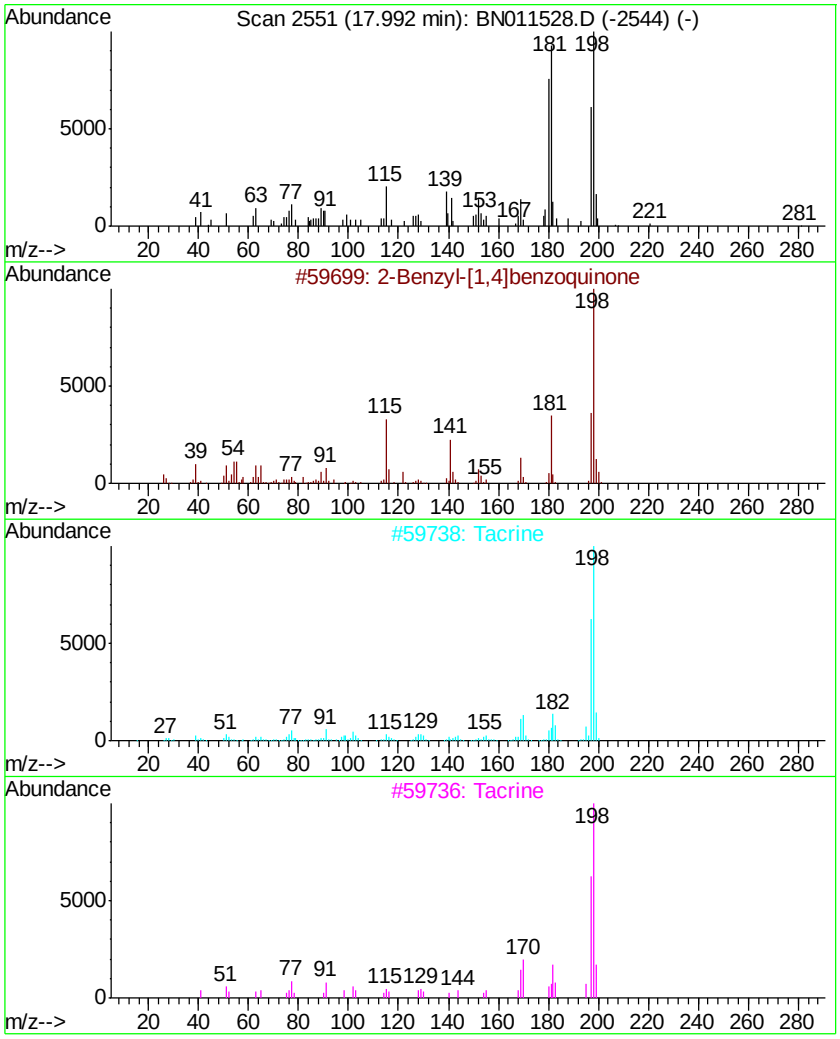
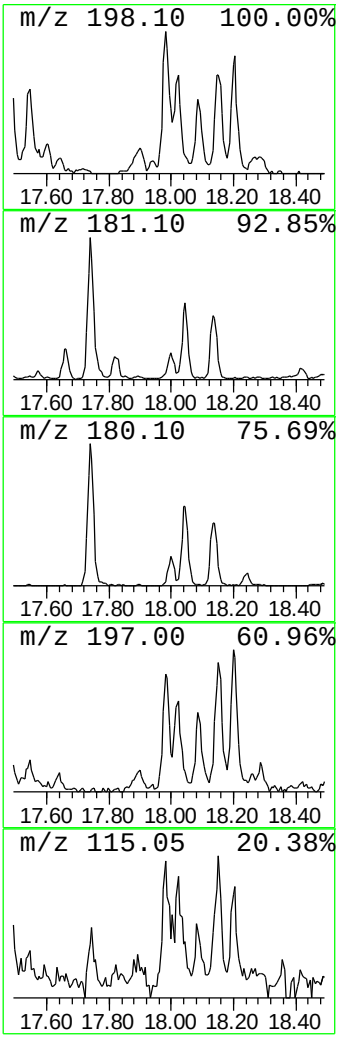
Peak Number 18 2-Benzyl-[1,4]benzoquinone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.18 ng/ul	207436	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzyl-[1,4]benzoquinone	198	C13H10O2	038940-10-2	81
2	Tacrine	198	C13H14N2	000321-64-2	64
3	Tacrine	198	C13H14N2	000321-64-2	59
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	58
5	4,6,8-Trimethyl-1-azulenecarbald...	198	C14H14O	000832-62-2	53





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Acq On : 20 Aug 2020 17:18
Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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Quant Title : SVOA CALIBRATION

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

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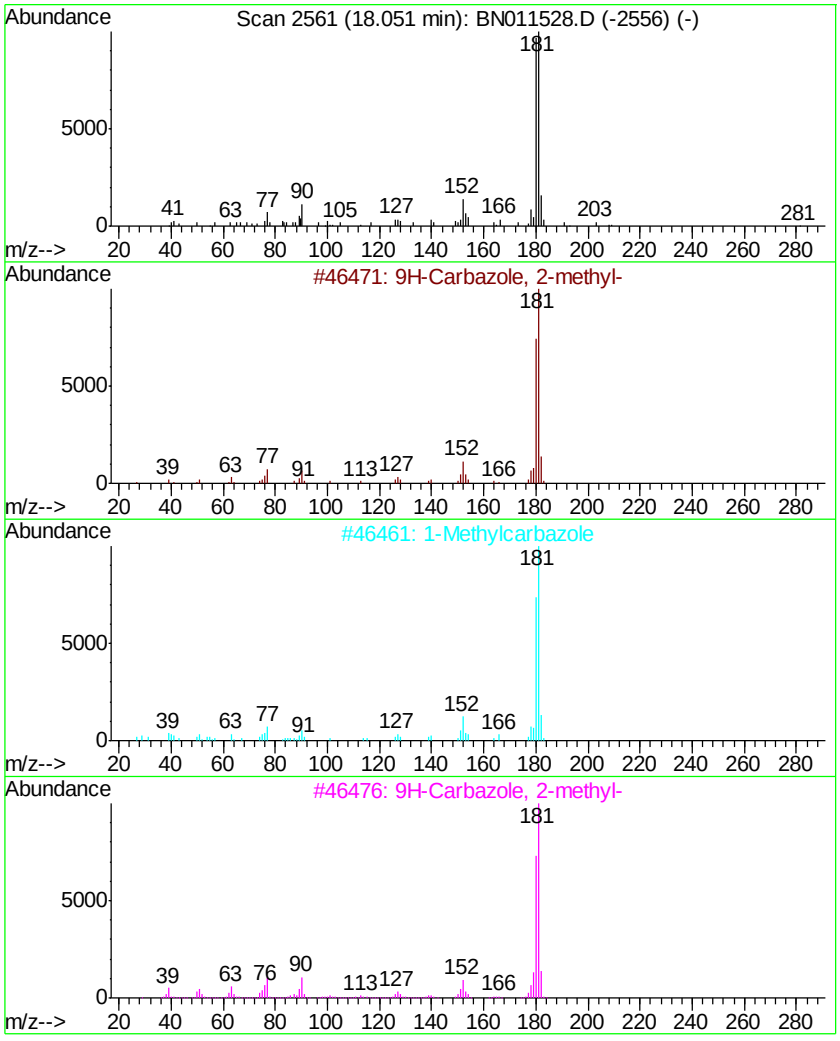
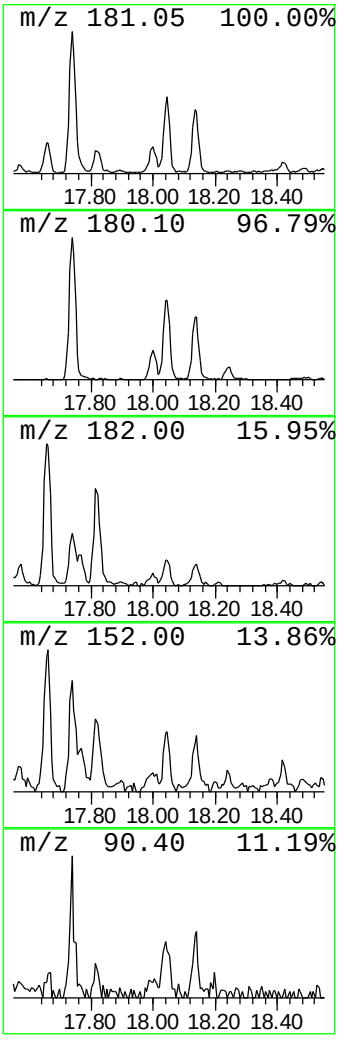
Peak Number 19 9H-Carbazole, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.19 ng/ul	208562	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	95
2	1-Methylcarbazole	181	C13H11N	006510-65-2	94
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	94
4	4-Methylcarbazole	181	C13H11N	003770-48-7	94
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	94





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Acq On : 20 Aug 2020 17:18
Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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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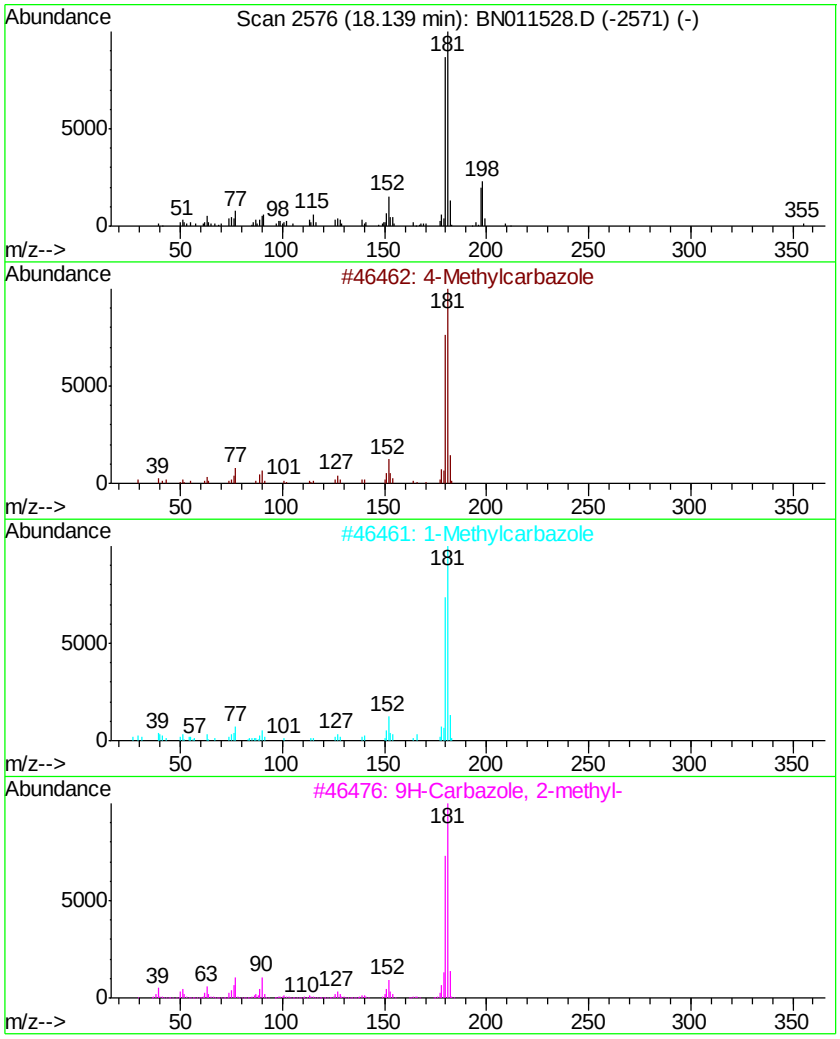
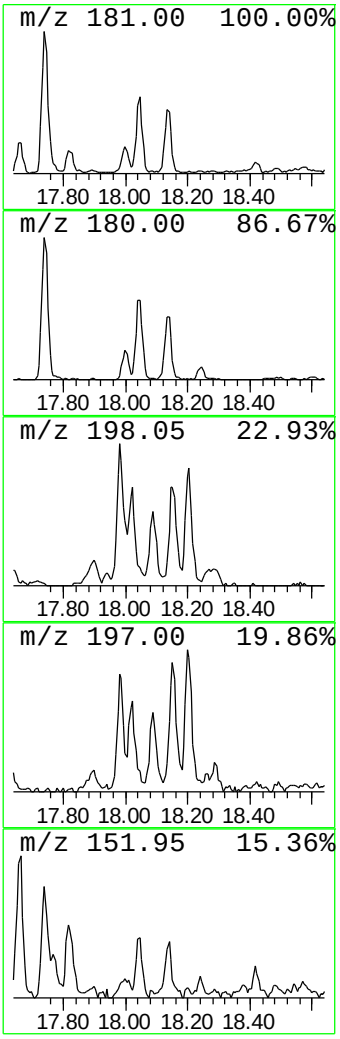
Peak Number 20 1-Methylcarbazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.81 ng/ul	268289	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	89
2	1-Methylcarbazole	181	C13H11N	006510-65-2	89
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	89
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	89
5	3-Methylcarbazole	181	C13H11N	004630-20-0	89





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Acq On : 20 Aug 2020 17:18
Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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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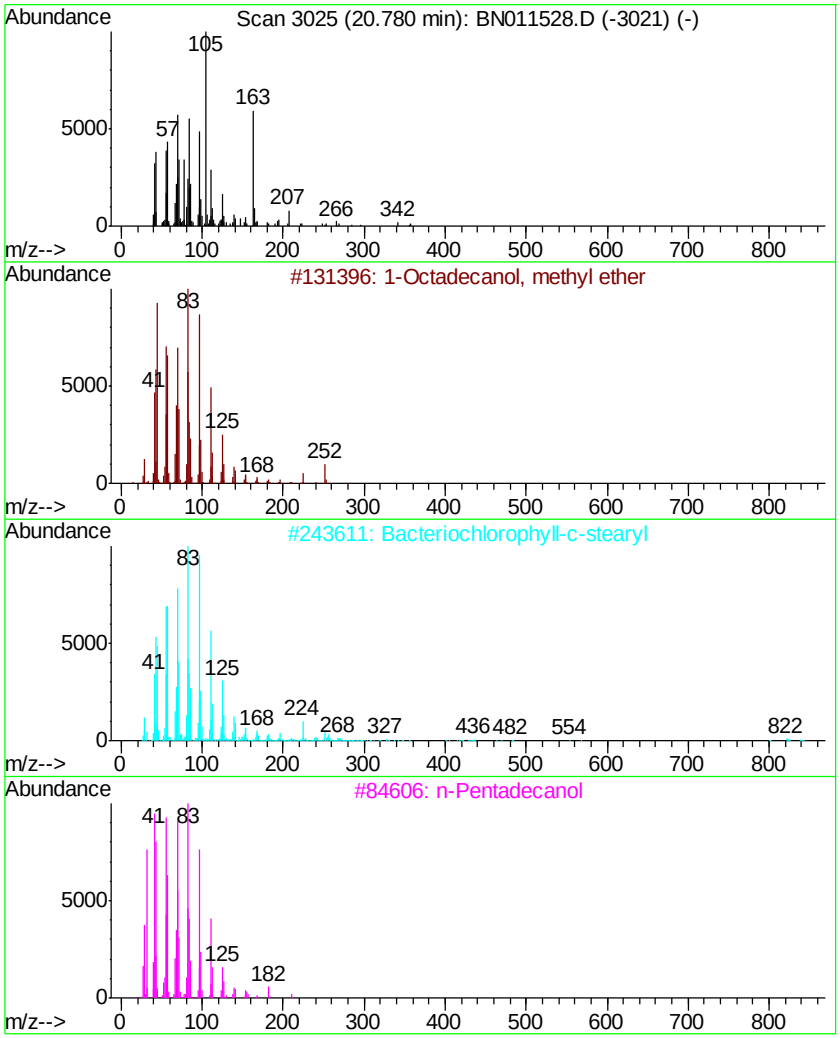
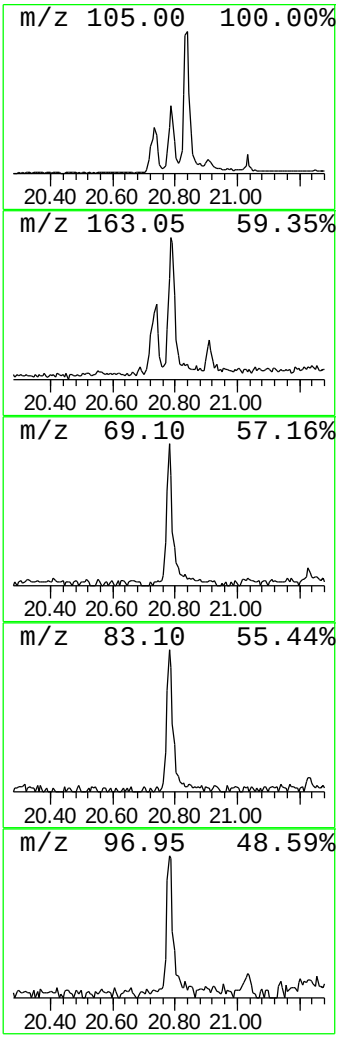
Peak Number 21 1-Octadecanol, methyl ether Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	3.06 ng/ul	325413	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol, methyl ether	284	C19H40O	1000333-92-7	58
2	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	58
3	n-Pentadecanol	228	C15H32O	000629-76-5	53
4	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	53
5	Behenic alcohol	326	C22H46O	000661-19-8	52





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Data File : BN011528.D
Acq On : 20 Aug 2020 17:18
Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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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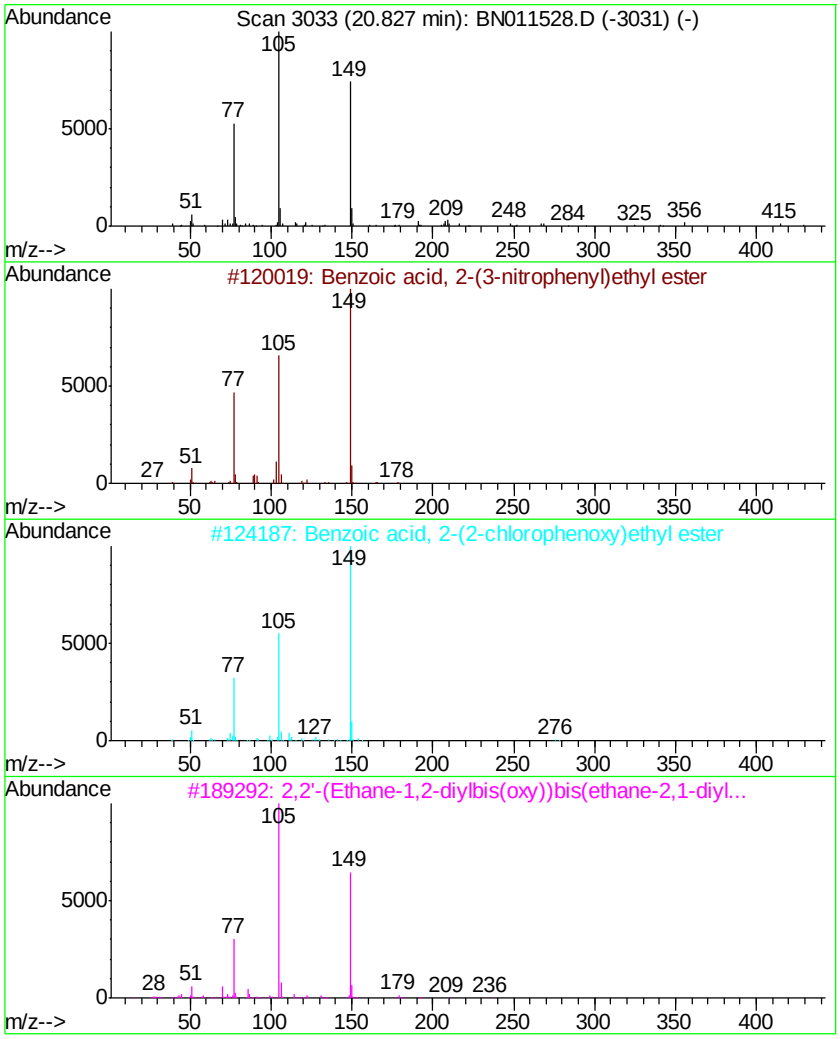
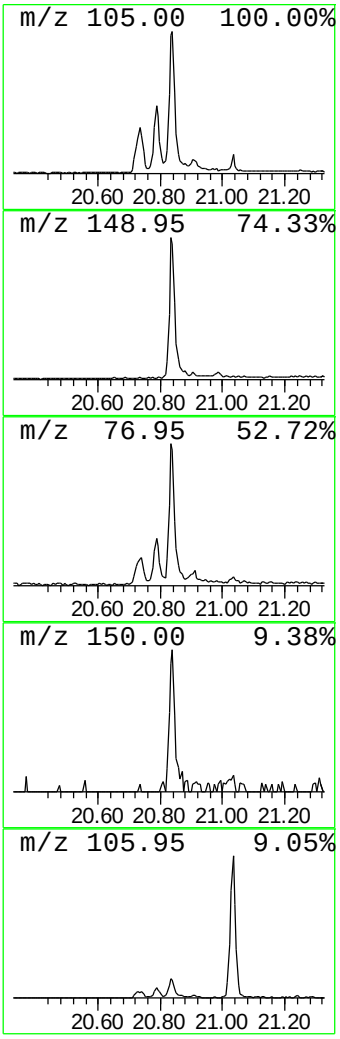
Peak Number 22 Benzoic acid, 2-(3-nitrophe... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.56 ng/ul	271697	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72
2	Benzoic acid, 2-(2-chlorophenoxy...	276	C15H13ClO3	1000368-25-9	64
3	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	56
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	45
5	Phthalic acid, 2-chloropropyl pr...	284	C14H17ClO4	1000356-82-3	37





Tentatively Identified Compound (LSC) summary

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Data File : BN011528.D
Acq On : 20 Aug 2020 17:18
Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-tr...	7.08	2.5	ng/ul	103075	1	7.42	807557	20.0
Benzofuran	7.15	2.5	ng/ul	102603	1	7.42	807557	20.0
Indane	7.79	11.3	ng/ul	454586	1	7.42	807557	20.0
Benzene, 1-propynyl-	7.95	44.6	ng/ul	1799580	1	7.42	807557	20.0
Cinnamaldehyde, (E)-	8.75	2.3	ng/ul	94017	1	7.42	807557	20.0
Benzofuran, 7-met...	8.88	5.5	ng/ul	267451	2	10.17	980385	20.0
2,4-Dimethylstyrene	9.59	4.0	ng/ul	197963	2	10.17	980385	20.0
Benzo[b]thiophene...	11.27	2.6	ng/ul	128471	2	10.17	980385	20.0
Benzo[b]thiophene...	11.72	3.6	ng/ul	176112	2	10.17	980385	20.0
Naphthalene, 1-me...	12.06	48.3	ng/ul	2367960	2	10.17	980385	20.0
Naphthalene, 2,7-...	13.23	2.4	ng/ul	179131	3	14.06	1515870	20.0
Naphthalene, 1,6-...	13.37	3.0	ng/ul	224758	3	14.06	1515870	20.0
1-Naphthalenecarb...	14.19	15.9	ng/ul	1208250	3	14.06	1515870	20.0
Dibenzofuran, 4-m...	15.42	2.3	ng/ul	173575	3	14.06	1515870	20.0
Acridine	15.56	2.5	ng/ul	243152	4	16.82	1906240	20.0
1(2H)-Acenaphthyl...	15.80	4.2	ng/ul	396184	4	16.82	1906240	20.0
4-Methylcarbazole	17.74	5.3	ng/ul	501980	4	16.82	1906240	20.0
2-Benzyl-[1,4]ben...	17.99	2.2	ng/ul	207436	4	16.82	1906240	20.0
9H-Carbazole, 2-m...	18.05	2.2	ng/ul	208562	4	16.82	1906240	20.0
1-Methylcarbazole	18.14	2.8	ng/ul	268289	4	16.82	1906240	20.0
1-Octadecanol, me...	20.78	3.1	ng/ul	325413	5	21.03	2126480	20.0
Benzoic acid, 2-(...	20.83	2.6	ng/ul	271697	5	21.03	2126480	20.0