LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

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-BN021220MA.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	4.969	331	337	344	rBV	127260	177608	0.12%	0.064%
2	5.093	353	358	372	rVB	267286	508193	0.35%	0.182%
3	5.452	411	419	429	rVB2	137831	262723	0.18%	0.094%
4	6.099	523	529	538	rBV	109201	167882	0.12%	0.060%
5	6.499	590	597	602	rBV	285644	410413	0.28%	0.147%
6	6.558	602	607	611	rVV	117308	177817	0.12%	0.064%
7	6.628	611	619	630	rVB	304374	487138	0.34%	0.175%
8	6.752	634	640	644	rVV	96259	152084	0.11%	0.055%
9	6.934	665	671	677	rBV	119208	190586	0.13%	0.068%
10	7.046	684	690	698	rBV2	949103	1505103	1.04%	0.540%
11	7.134	698	705	713	rVB3	93480	174791	0.12%	0.063%
12	7.387	741	748	760	rVB	586902	925653	0.64%	0.332%
13	7.522	760	771	776	rBV2	528854	1142948	0.79%	0.410%
14	7.605	776	785	792	rVB2	288934	457617	0.32%	0.164%
15	7.746	802	809	820	rBV	2927400	4477403	3.10%	1.606%
16	7.910	826	837	850	rBV	6276294	9509831	6.59%	3.410%
17	8.110	866	871	880	rBV	89525	151225	0.10%	0.054%
18	8.540	938	944	950	rVV2	240927	463209	0.32%	0.166%
19	8.605	950	955	959	rVV	157440	249707	0.17%	0.090%
20	8.716	968	974	983	rVV	435500	680915	0.47%	0.244%
21	8.840	985	995	1001	rVV	945954	1931923	1.34%	0.693%
22	8.899	1001	1005	1014	rVV	285214	475245	0.33%	0.170%
23	9.246	1059	1064	1067	rBV	109088	189212	0.13%	0.068%
24	9.275	1067	1069	1076	rVB2	132964	194913	0.13%	0.070%
25	9.399	1076	1090	1096	rBV2	244434	461230	0.32%	0.165%
26	9.522	1103	1111	1115	rVV	3537038	5908520	4.09%	2.119%
27	9.563	1115	1118	1126	rVV3	854677	1791752	1.24%	0.643%
28	9.646	1126	1132	1135	rVV	316911	577255	0.40%	0.207%
29	9.687	1135	1139	1146	rVB2	471045	792160	0.55%	0.284%
30	9.775	1146	1154	1162	rBV4	198391	537935	0.37%	0.193%
31	10.246	1210	1234	1238	rVV2	41501530	144395620	100.00%	51.784%
32	10.316	1238	1246	1256	rVB	3830512	5887861	4.08%	2.112%
33	11.693	1475	1480	1490	rVB	275344	450742	0.31%	0.162%
34	11.816	1490	1501	1508	rBV	11359699	18362707	12.72%	6.585%

LSC Area Percent Report

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Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

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-BN021220MA.M
Title : SVOA CALIBRATION

35	11.928	1513	1520	1526	rVV	313996	586223	0.41%	0.210%
36	12.034	1526	1538	1549	rVB	5709793	9193302	6.37%	3.297%
37	12.846	1670	1676	1683	rBV	1844233	2635931	1.83%	0.945%
38	13.046	1704	1710	1721	rVB	326657	632425	0.44%	0.227%
39	13.181	1721	1733	1735	rBV2	344287	563574	0.39%	0.202%
40	13.340	1753	1760	1766	rBV	530661	950981	0.66%	0.341%
41	13.398	1766	1770	1775	rVV	350906	552997	0.38%	0.198%
42	13.451	1775	1779	1785	rVB	283708	398823	0.28%	0.143%
43	13.581	1794	1801	1805	rBV	210457	344950	0.24%	0.124%
44	13.710	1818	1823	1827	rBV	307005	504708	0.35%	0.181%
45	13.745	1827	1829	1837	rVB2	188962	256414	0.18%	0.092%
46	14.022	1869	1876	1882	rBV2	1103195	1814127	1.26%	0.651%
47	14.098	1882	1889	1896	rVV	7596716	11144600	7.72%	3.997%
48	14.169	1896	1901	1909	rVV	1382193	2006308	1.39%	0.720%
49	14.240	1909	1913	1922	rVV4	93273	169340	0.12%	0.061%
50	14.345	1922	1931	1936	rVV	138007	238753	0.17%	0.086%
51	14.434	1939	1946	1957	rVV2	4195869	6715724	4.65%	2.408%
52	15.028	2042	2047	2052	rVV	449439	713167	0.49%	0.256%
53	15.087	2052	2057	2069	rVB	3328483	4529579	3.14%	1.624%
54	15.198	2069	2076	2082	rBV6	161430	465194	0.32%	0.167%
55	15.251	2082	2085	2090	rVV2	196864	284833	0.20%	0.102%
56	15.334	2096	2099	2104	rVV	107481	178901	0.12%	0.064%
57	15.387	2104	2108	2114	rVB	201025	273597	0.19%	0.098%
58	15.540	2129	2134	2143	rVV2	198758	379752	0.26%	0.136%
59	15.769	2168	2173	2184	rBV	370075	550882	0.38%	0.198%
60	15.887	2187	2193	2200	rVB	117554	171882	0.12%	0.062%
61	16.039	2210	2219	2224	rVV	486738	885428	0.61%	0.318%
62	16.604	2308	2315	2324	rVB	266442	435799	0.30%	0.156%
63	16.787	2337	2346	2349	rBV	1304321	1965751	1.36%	0.705%
64	16.828	2349	2353	2357	rVB	2933768	3772644	2.61%	1.353%
65	16.881	2357	2362	2367	rBV2	409579	706707	0.49%	0.253%
66	17.163	2403	2410	2411	rBV2	274351	412339	0.29%	0.148%
67	17.198	2411	2416	2422	rVB	4982705	6880145	4.76%	2.467%
68	17.310	2427	2435	2439	rVV2	203793	416561	0.29%	0.149%
69	17.363	2440	2444	2448	rVB	124084	167722	0.12%	0.060%
70	17.451	2457	2459	2464	rVB	132154	165250	0.11%	0.059%
71	17.634	2483	2490	2493	rBV	125848	208232	0.14%	0.075%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

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-BN021220MA.M
Title : SVOA CALIBRATION

72	17.710	2498	2503	2509	rVV2	714255	1091474	0.76%	0.391%
73	17.792	2513	2517	2522	rVV	138659	195328	0.14%	0.070%
74	17.851	2522	2527	2535	rVB4	285808	483589	0.33%	0.173%
75	17.957	2540	2545	2549	rVV2	223723	447749	0.31%	0.161%
76	18.016	2553	2555	2559	rVV	165693	200896	0.14%	0.072%
77	18.063	2559	2563	2567	rVV	129051	205593	0.14%	0.074%
78	18.116	2567	2572	2578	rVV2	182260	407101	0.28%	0.146%
79	18.175	2578	2582	2587	rVV	188089	263541	0.18%	0.095%
80	18.404	2615	2621	2626	rBV2	70658	165734	0.11%	0.059%
81	18.545	2642	2645	2653	rVV4	130766	232531	0.16%	0.083%
82	18.857	2694	2698	2704	rVB	232588	310025	0.21%	0.111%
83	19.192	2749	2755	2759	rBV	569103	846808	0.59%	0.304%
84	19.251	2762	2765	2775	rVB	150934	271182	0.19%	0.097%
85	19.616	2822	2827	2834	rBV2	144290	257921	0.18%	0.092%
86	19.692	2834	2840	2846	rVV	550343	750700	0.52%	0.269%
87	20.304	2940	2944	2948	rVV	106543	145559	0.10%	0.052%
88	20.351	2948	2952	2959	rVB2	96011	163589	0.11%	0.059%
89	20.745	3015	3019	3025	rBV2	111177	153652	0.11%	0.055%
90	21.004	3058	3063	3070	rBV	1648489	2035246	1.41%	0.730%
91	21.610	3162	3166	3172	rVB	131407	160334	0.11%	0.057%
92	21.739	3184	3188	3192	rBV	158872	192436	0.13%	0.069%
93	22.039	3236	3239	3249	rBV3	79952	171443	0.12%	0.061%
94	22.157	3255	3259	3266	rBV	113214	156021	0.11%	0.056%
95	22.510	3315	3319	3326	rVB	114067	161544	0.11%	0.058%
96	22.974	3392	3398	3403	rBV	391320	661130	0.46%	0.237%
97	23.021	3403	3406	3413	rVB	106440	175344	0.12%	0.063%
98	23.104	3413	3420	3428	rBV	1132714	2034780	1.41%	0.730%

Sum of corrected areas: 278844716

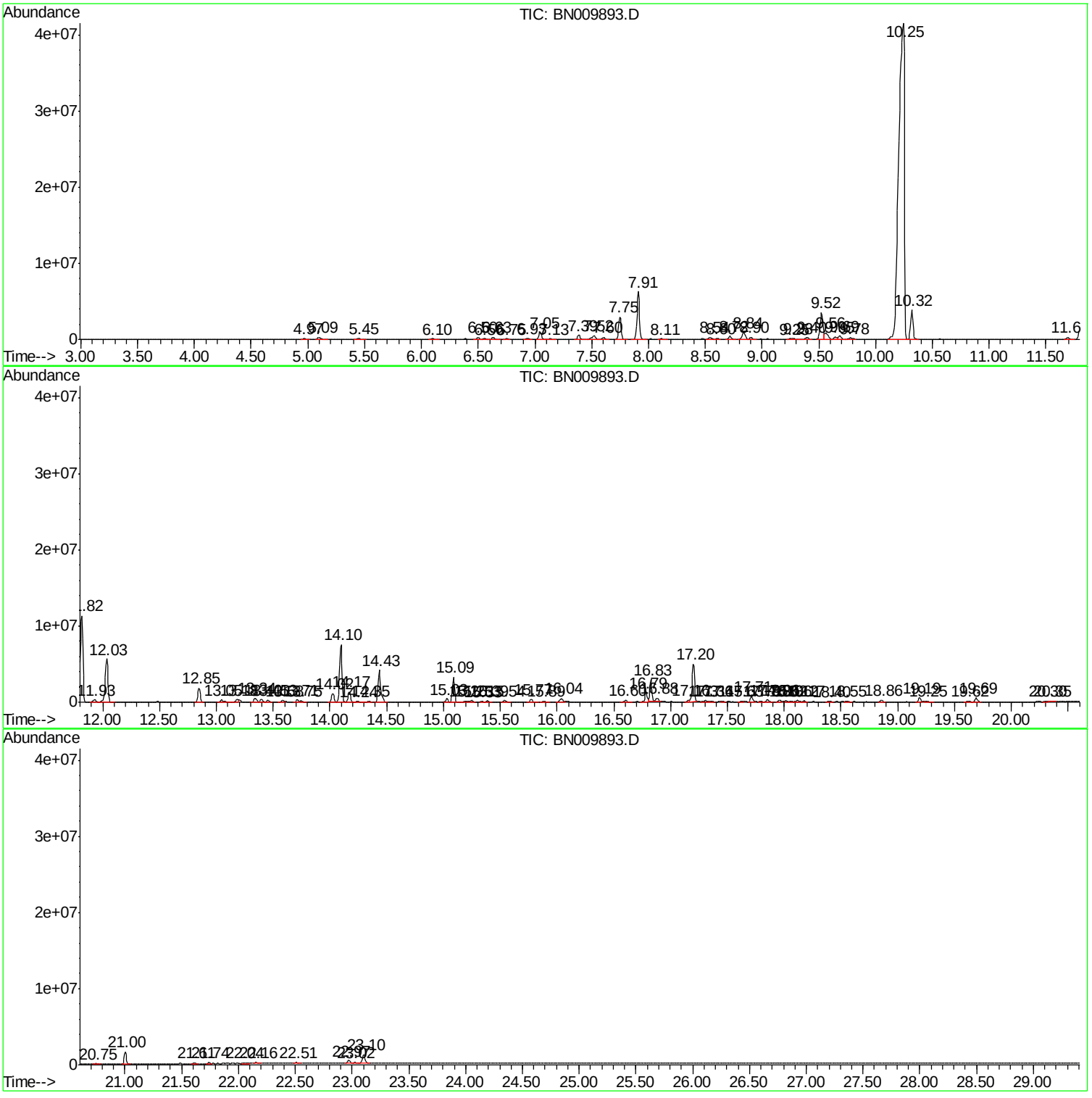
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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\BN022420\
Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

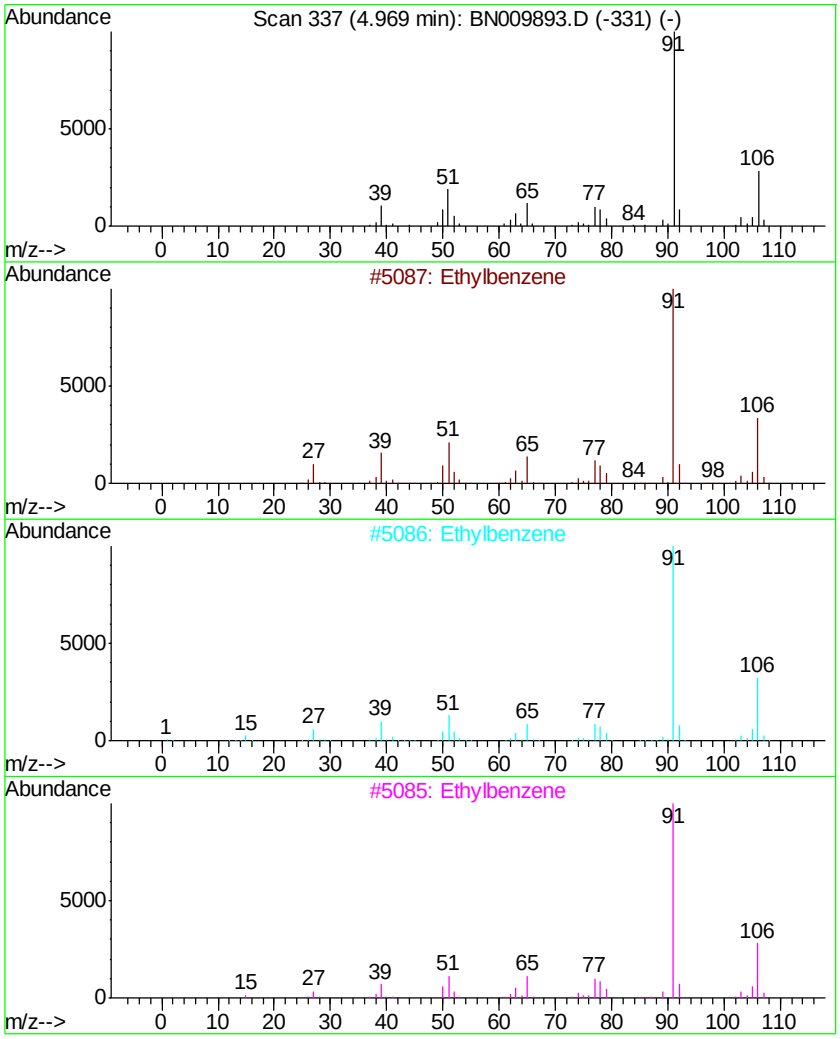
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

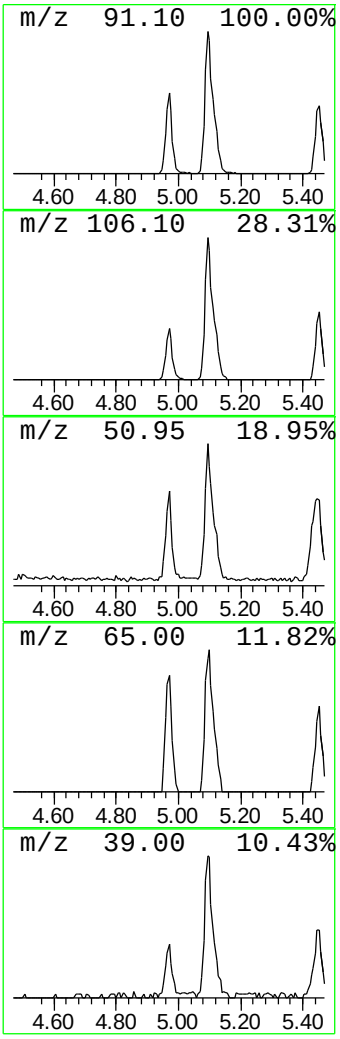
****

Peak Number 1 Ethylbenzene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	3.84 ng/ul	177608	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	95
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

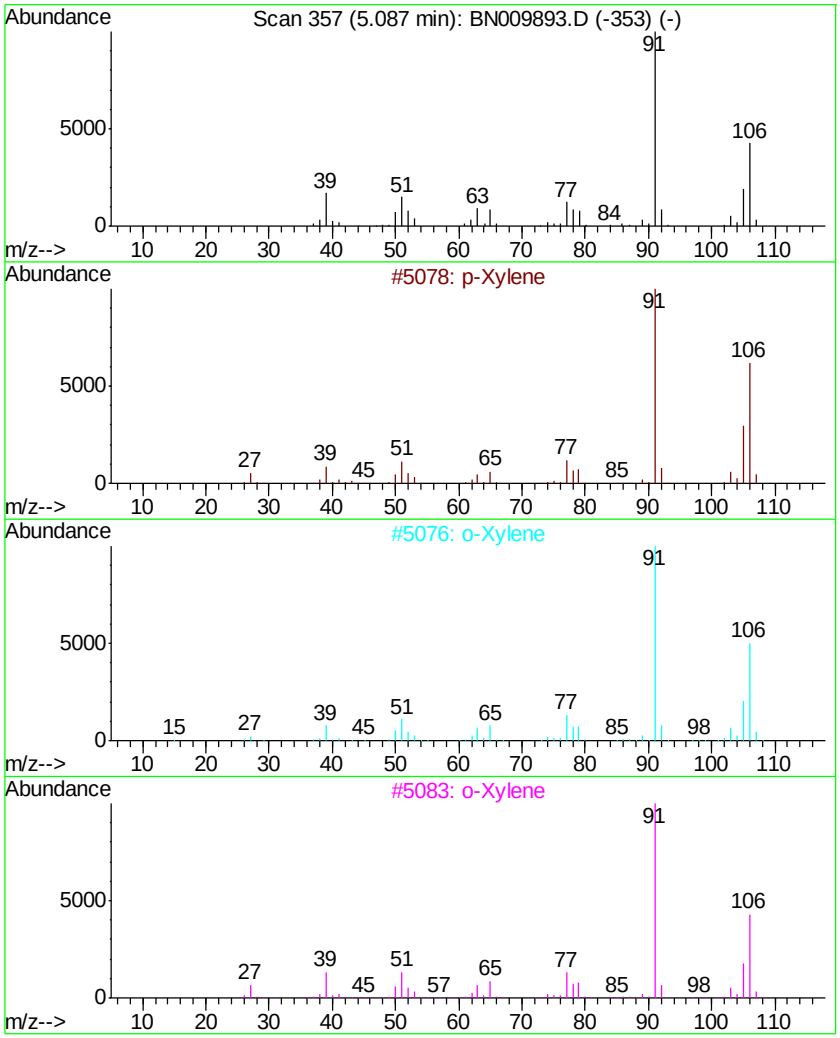
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

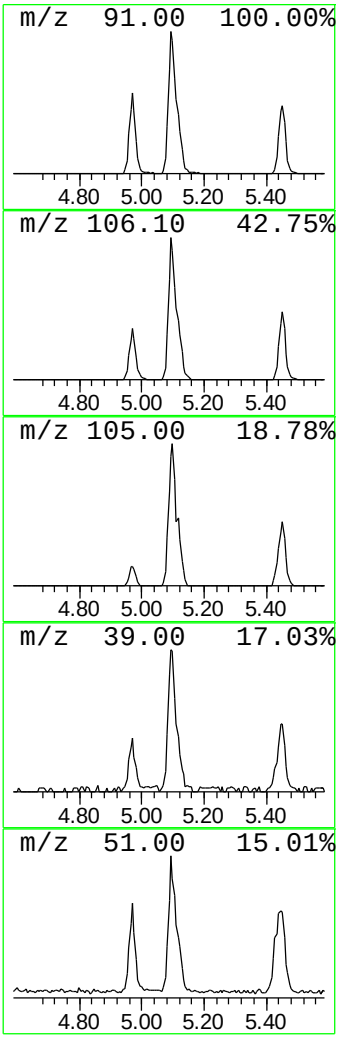
****

Peak Number 2 p-Xylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	10.98 ng/ul	508193	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	95
2	o-Xylene	106	C8H10	000095-47-6	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	p-Xylene	106	C8H10	000106-42-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

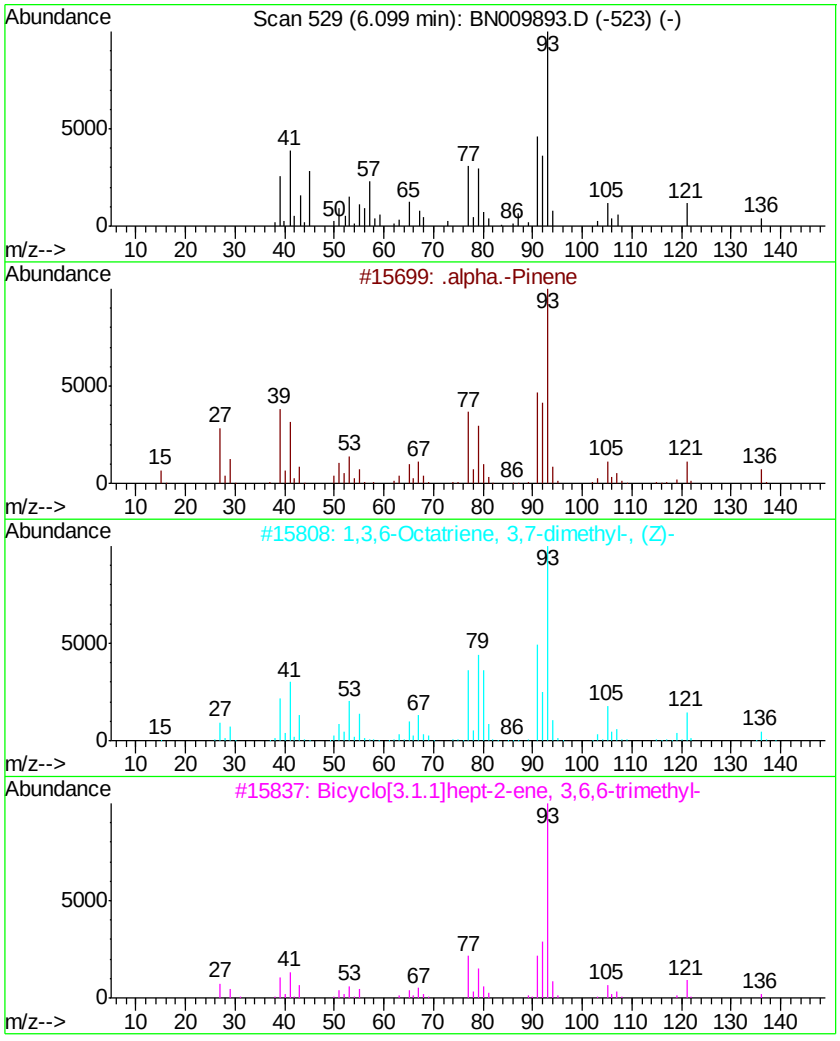
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

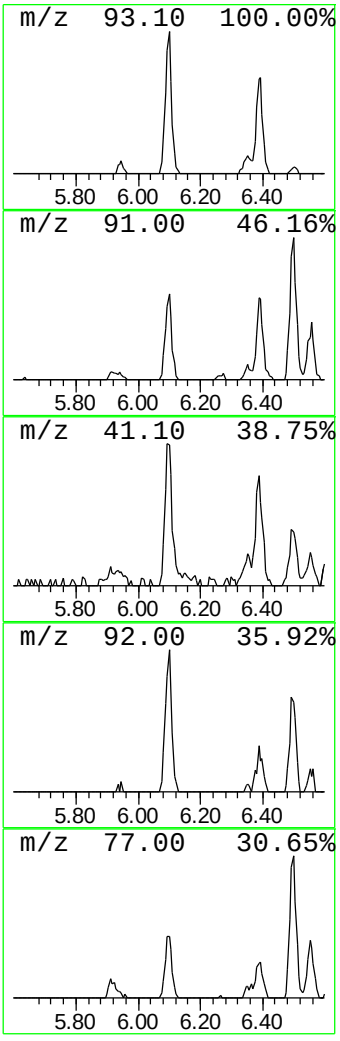
****

Peak Number 4 .alpha.-Pinene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	3.63 ng/ul	167882	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	91
2	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	90
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

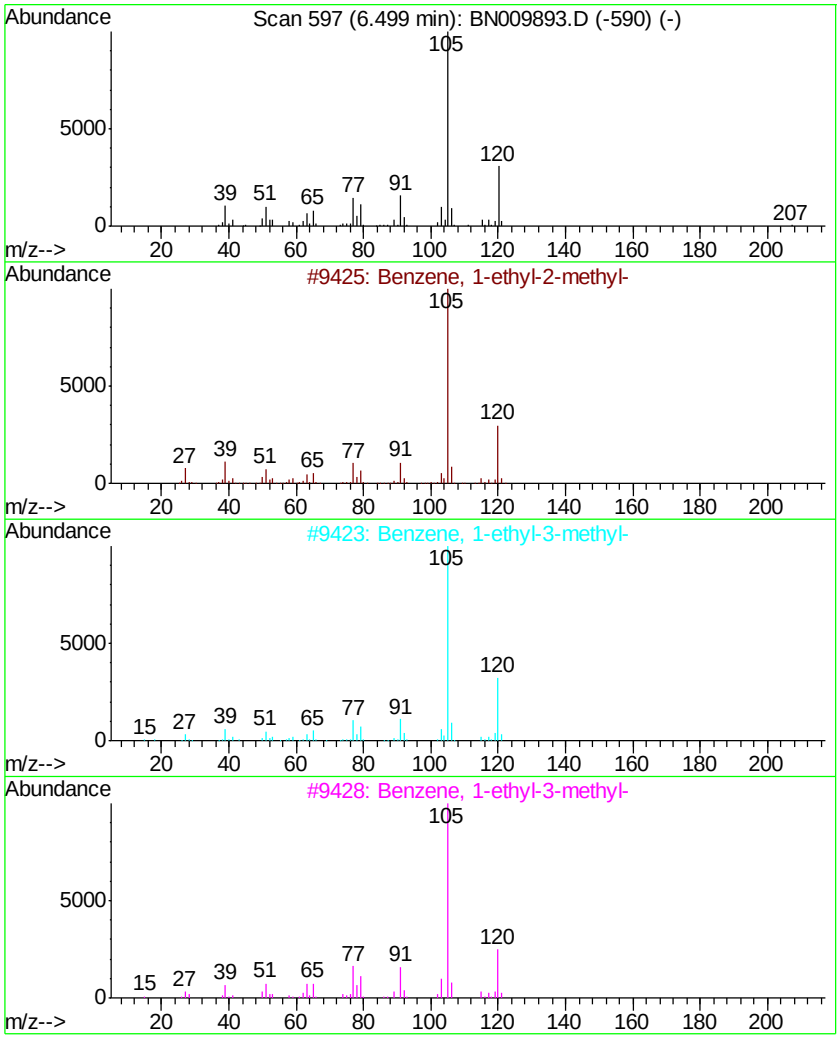
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

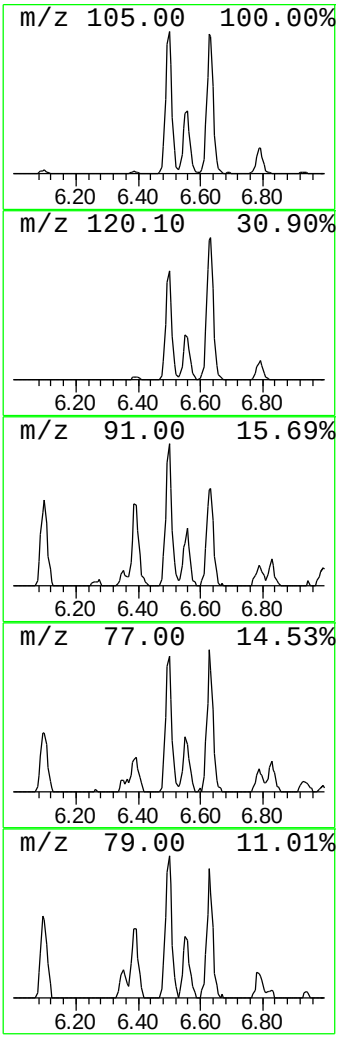
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	8.87 ng/ul	410413	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

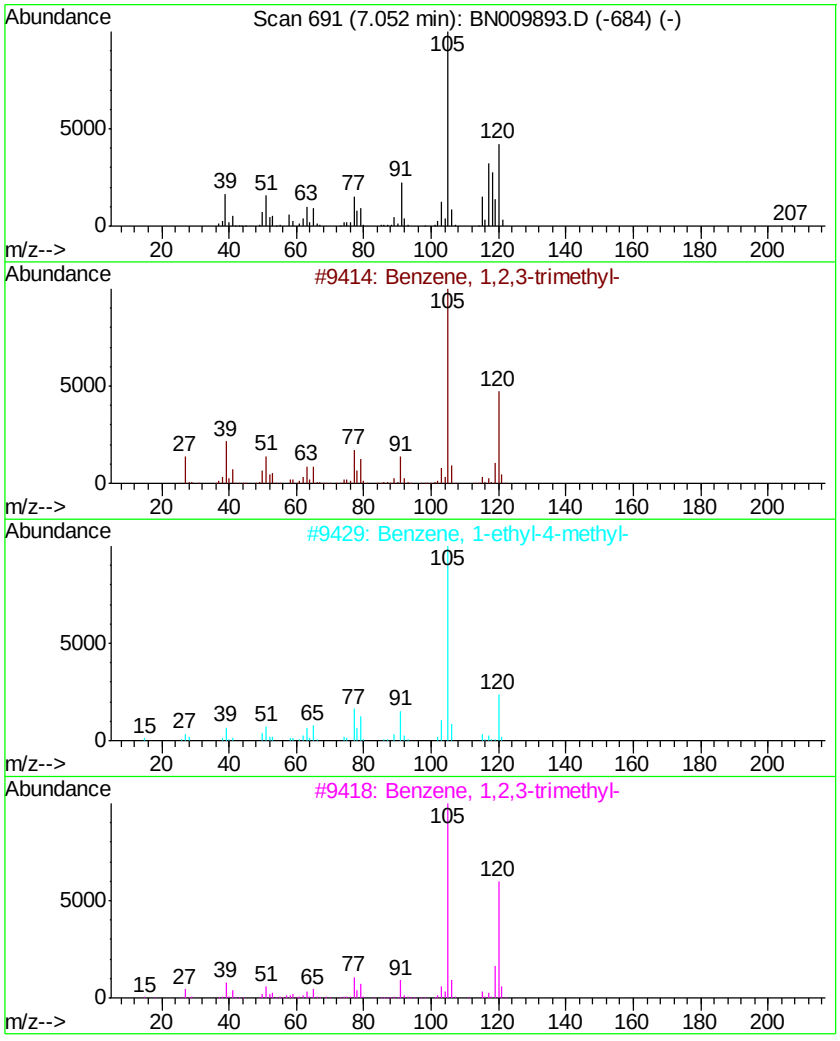
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

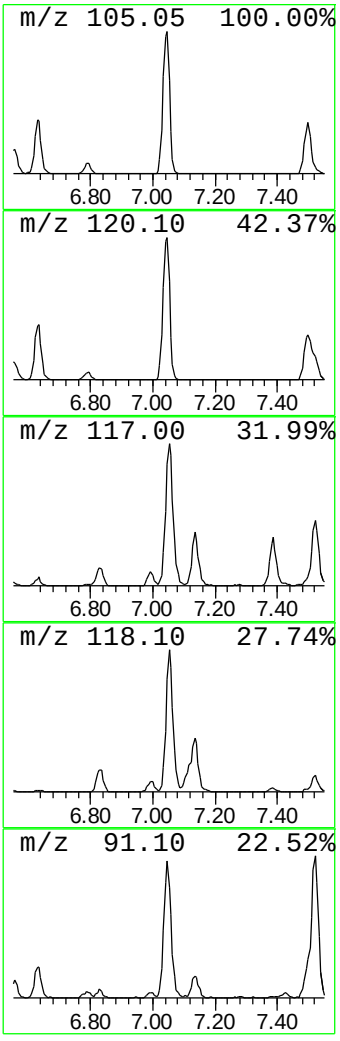
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	32.52 ng/ul	1505100	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	92
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
4	Mesitylene	120	C9H12	000108-67-8	76
5	Mesitylene	120	C9H12	000108-67-8	76





Library Search Compound Report

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Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

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Quant Title : SVOA CALIBRATION

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

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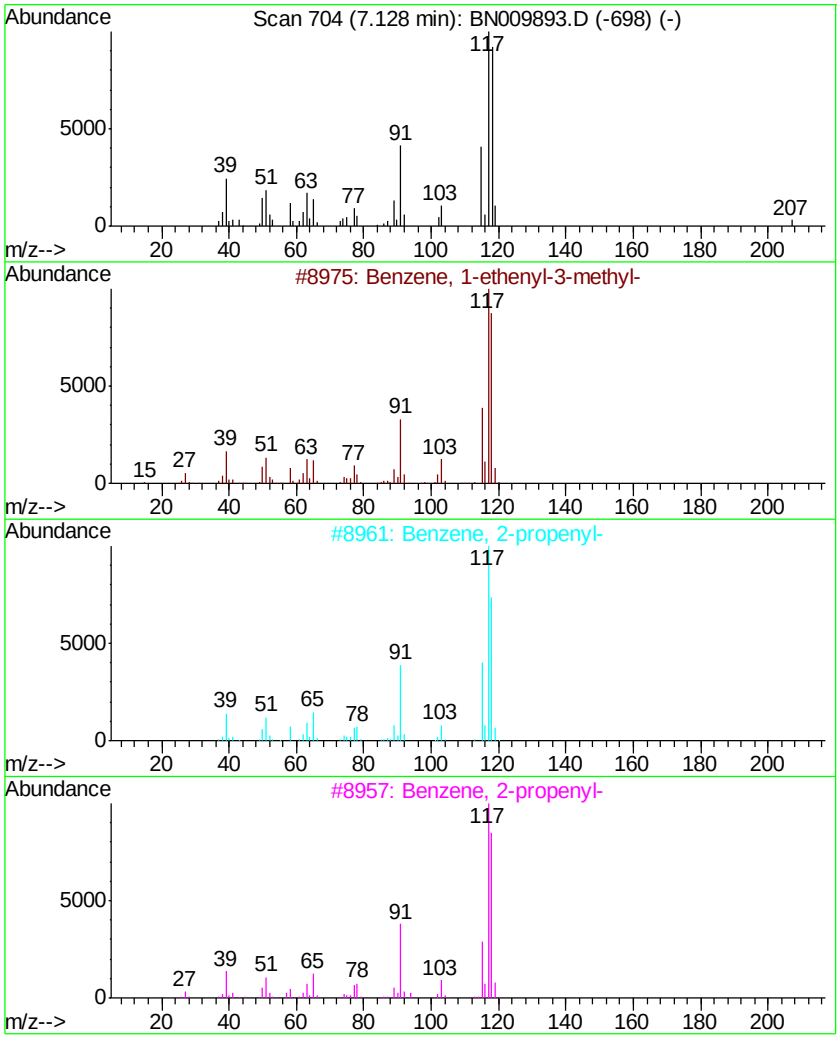
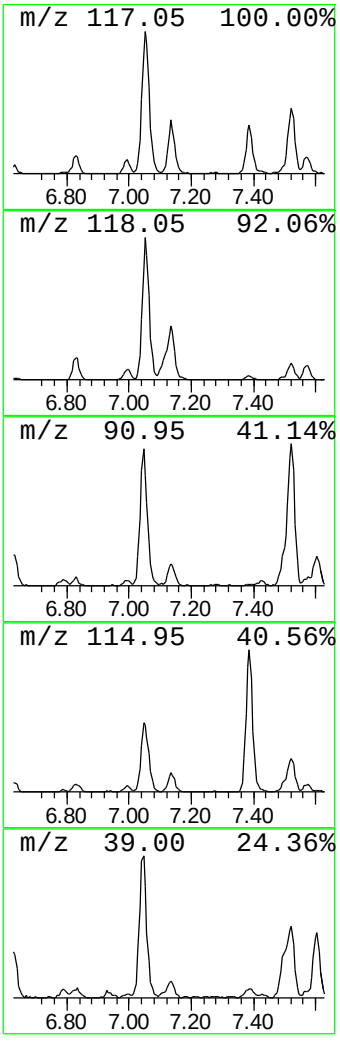
Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	3.78 ng/ul	174791	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90





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Quant Title : SVOA CALIBRATION

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

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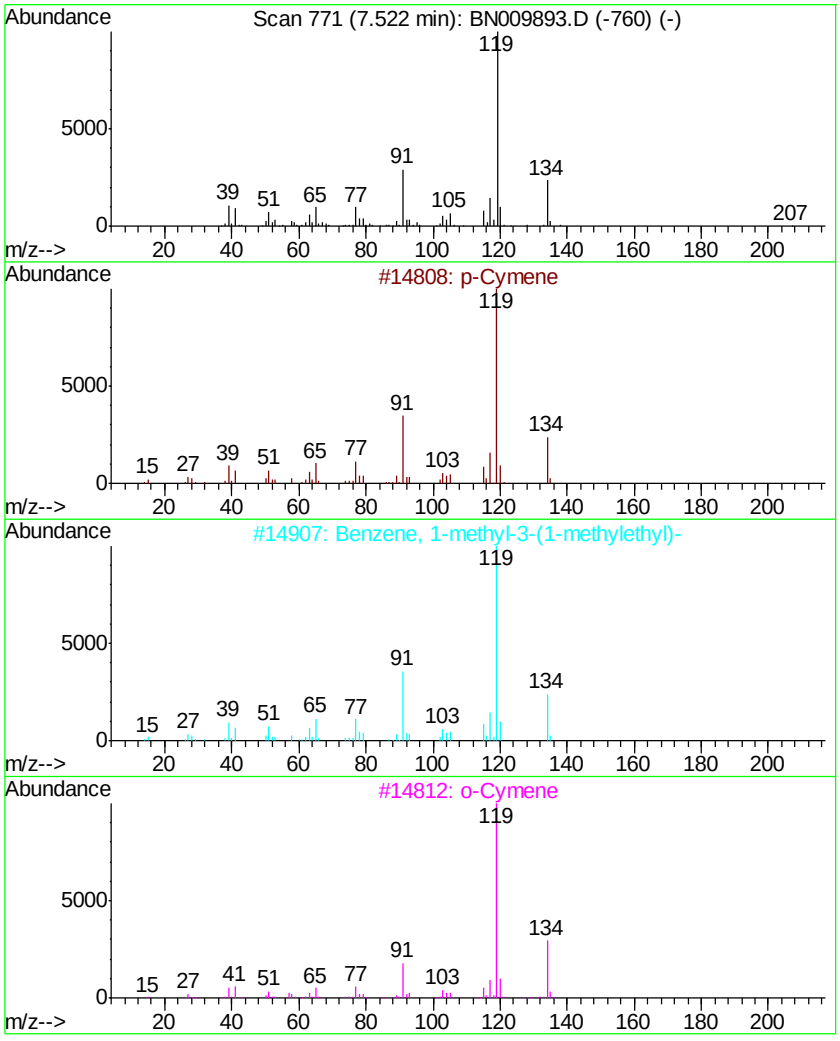
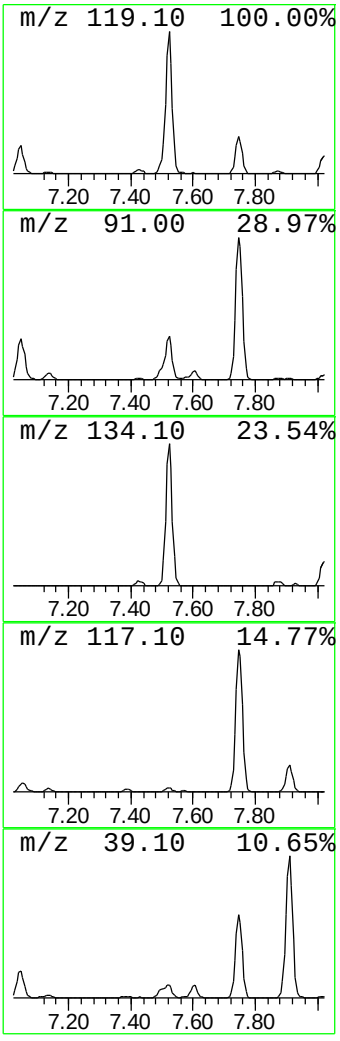
Peak Number 8 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	24.70 ng/ul	1142950	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	96
3	o-Cymene	134	C10H14	000527-84-4	94
4	p-Cymene	134	C10H14	000099-87-6	93
5	o-Cymene	134	C10H14	000527-84-4	93





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Quant Title : SVOA CALIBRATION

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

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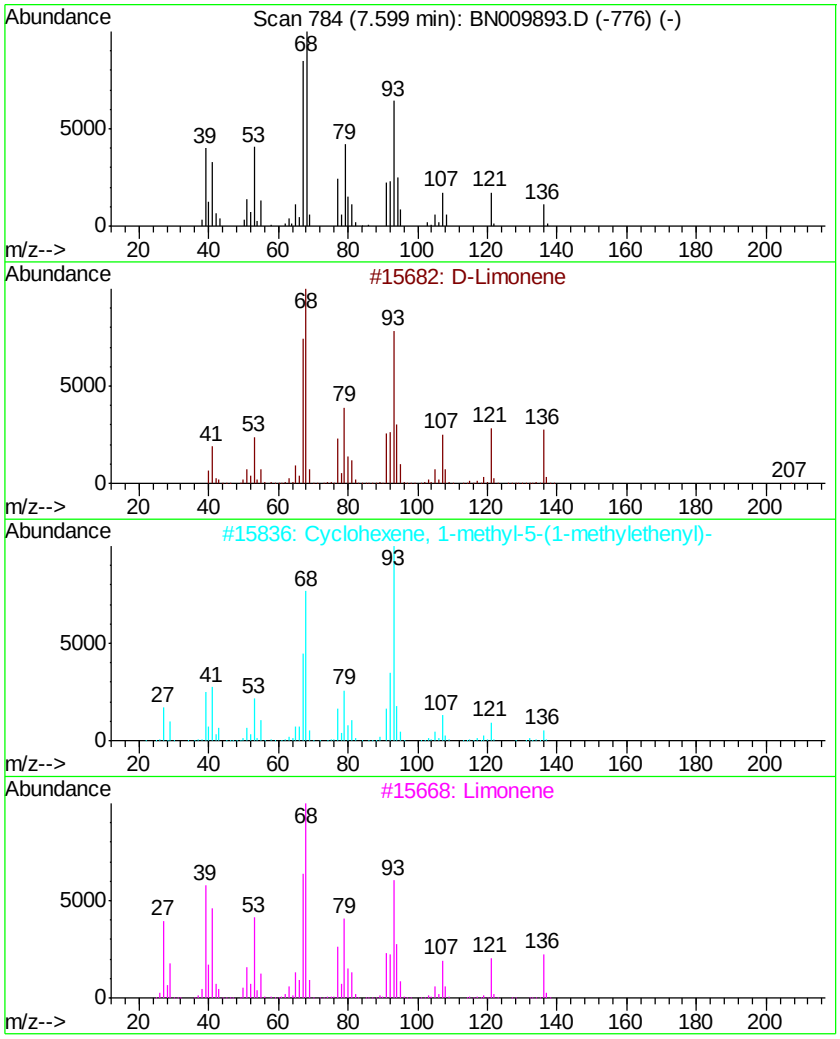
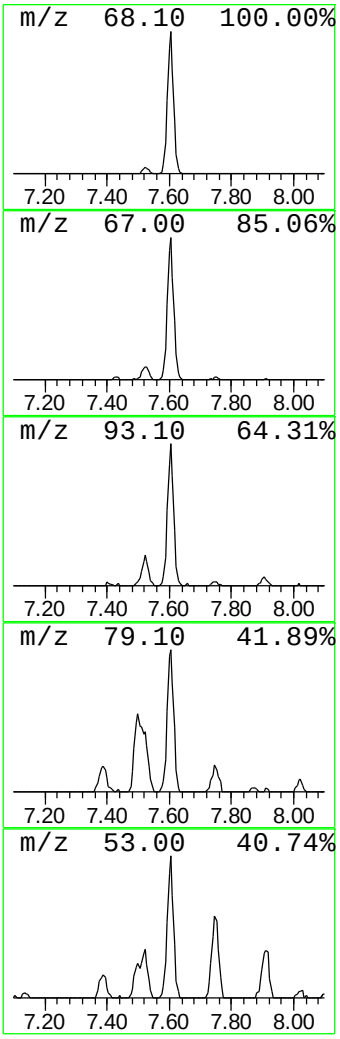
Peak Number 9 D-Limonene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	9.89 ng/ul	457617	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	96
2	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	91
3	Limonene	136	C10H16	000138-86-3	86
4	D-Limonene	136	C10H16	005989-27-5	83
5	Limonene	136	C10H16	000138-86-3	83





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ClientSampleId : DBDJ7DL

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Quant Title : SVOA CALIBRATION

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

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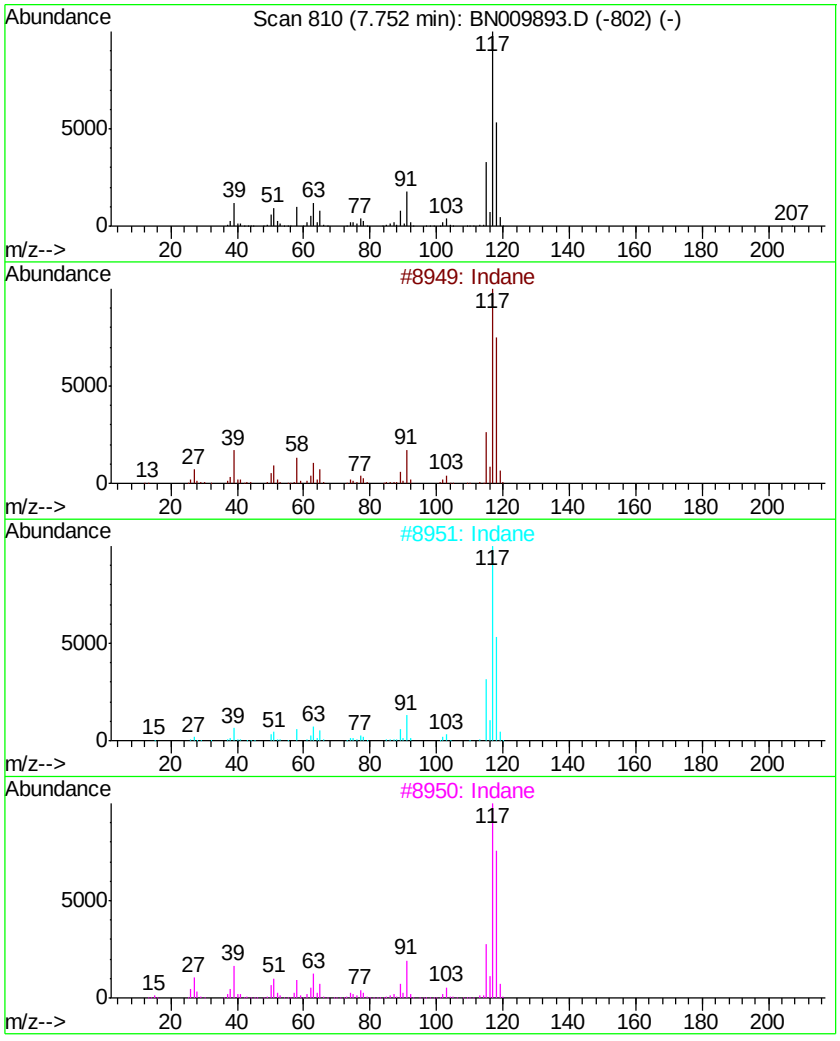
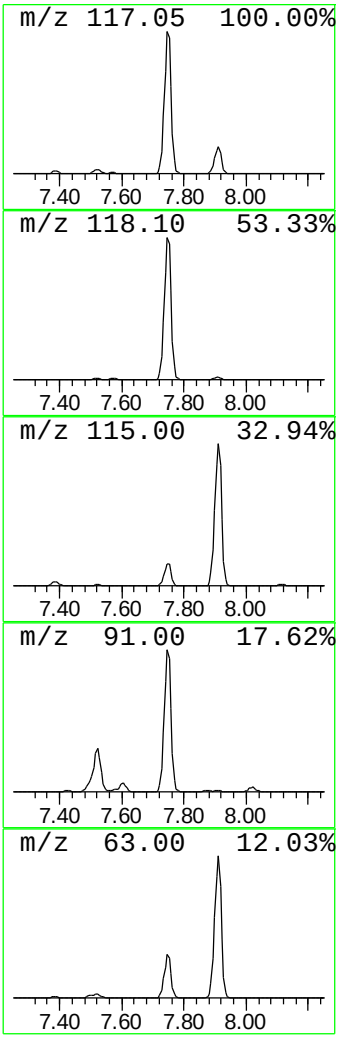
Peak Number 10 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	96.74 ng/ul	4477400	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Indane	118	C9H10	000496-11-7	60





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Quant Title : SVOA CALIBRATION

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

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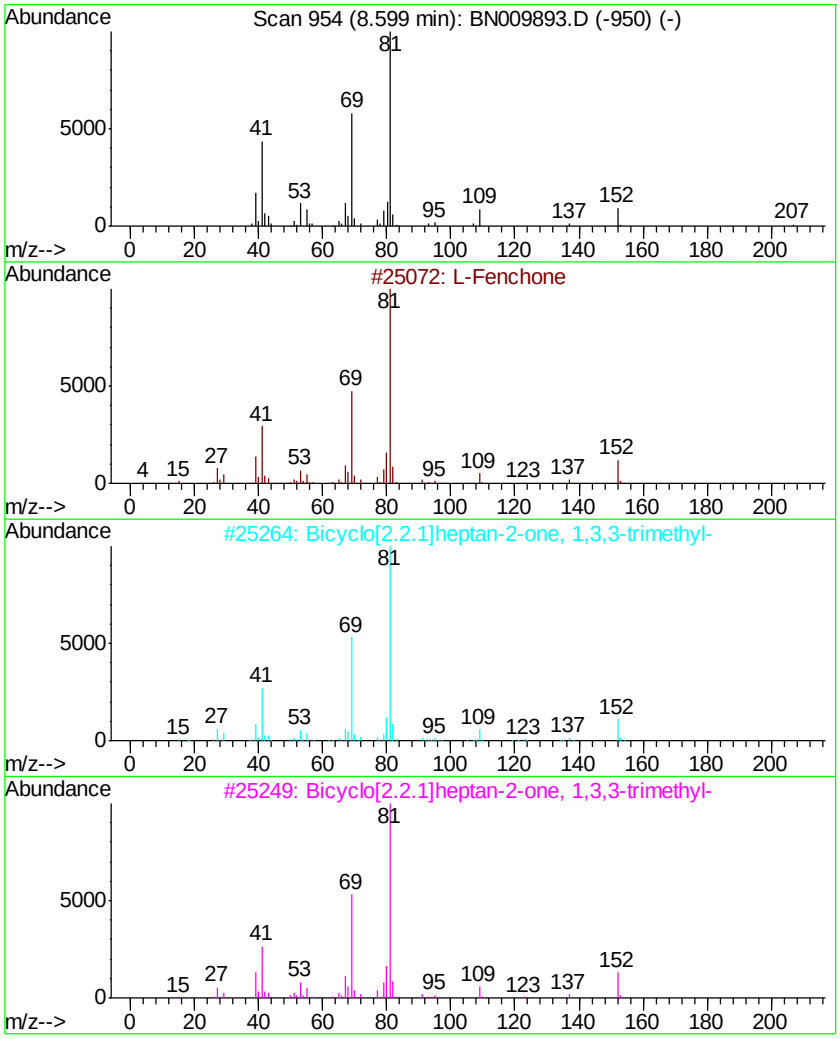
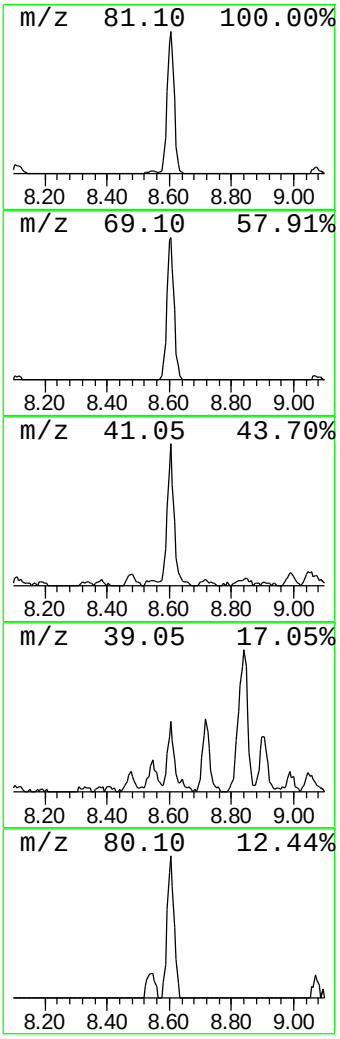
Peak Number 12 L-Fenchone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	5.40 ng/ul	249707	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Fenchone	152	C10H16O	007787-20-4	90
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	87
5	D-Fenchone	152	C10H16O	004695-62-9	87





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Quant Title : SVOA CALIBRATION

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

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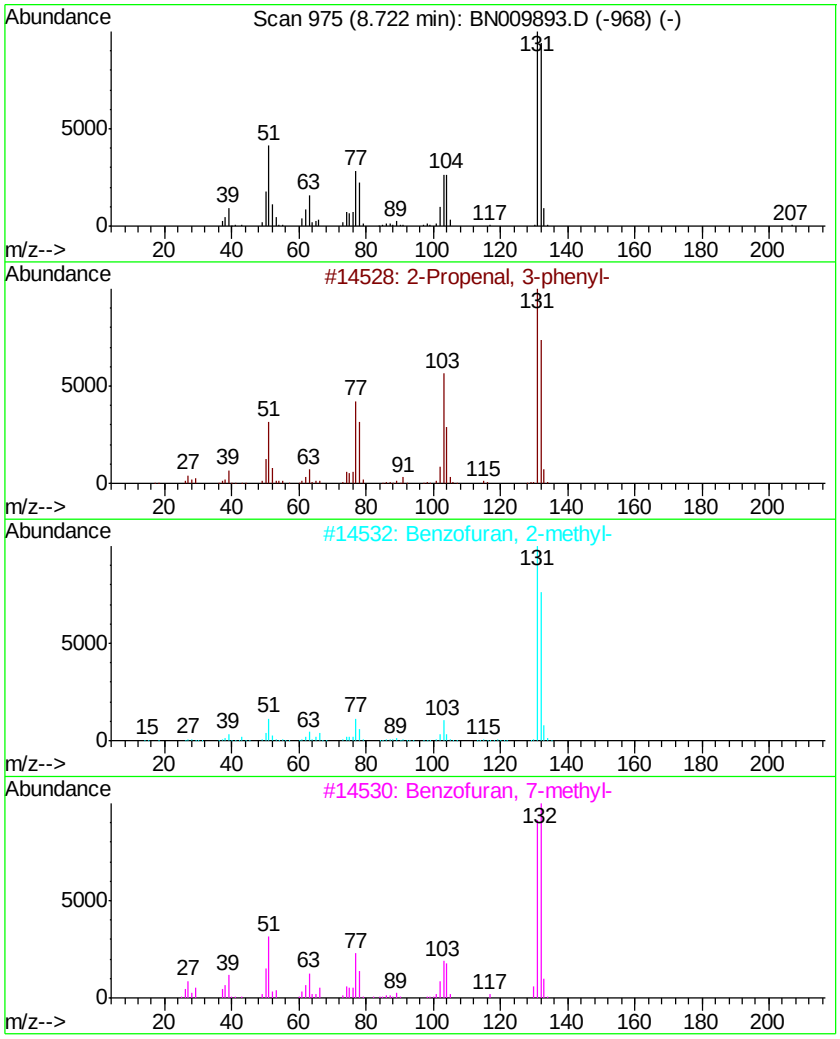
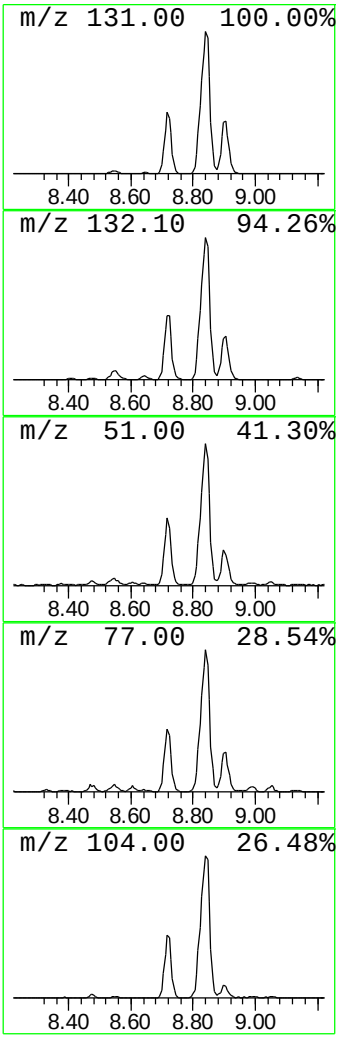
Peak Number 13 2-Propenal, 3-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	14.71 ng/ul	680915	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	95
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94





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Misc :
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Instrument : BNA_N
ClientSampleId : DBDJ7DL

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Quant Title : SVOA CALIBRATION

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

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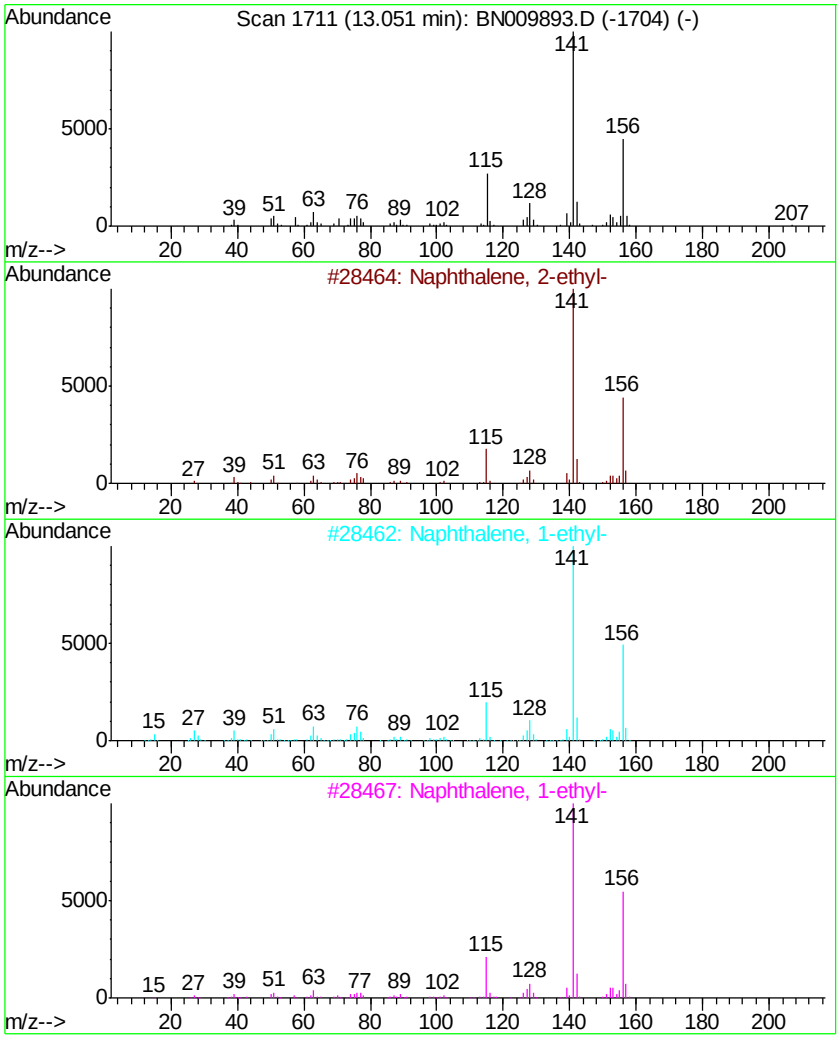
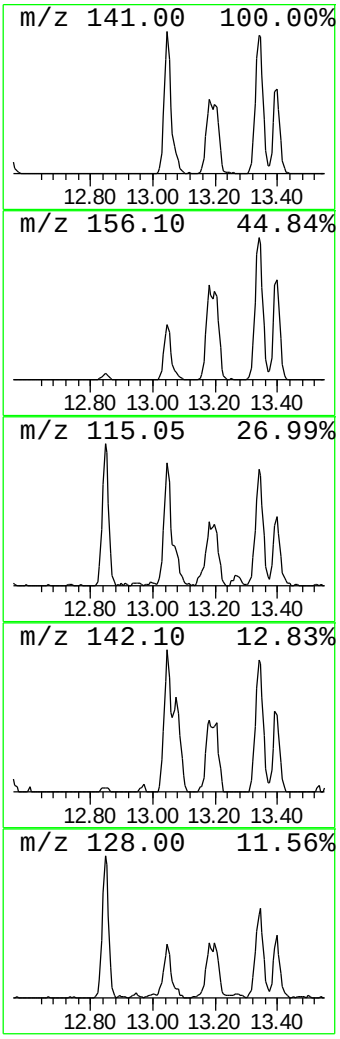
Peak Number 14 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	6.97 ng/ul	632425	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





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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 15 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	6.21 ng/ul	563574	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
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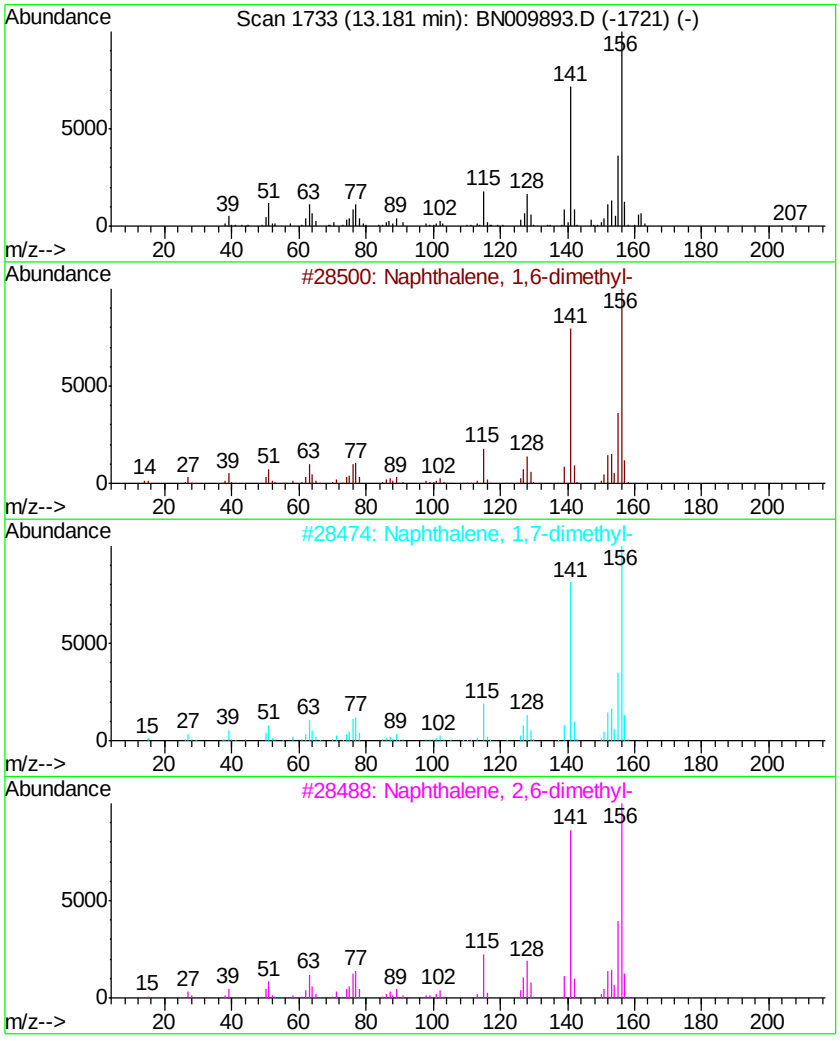

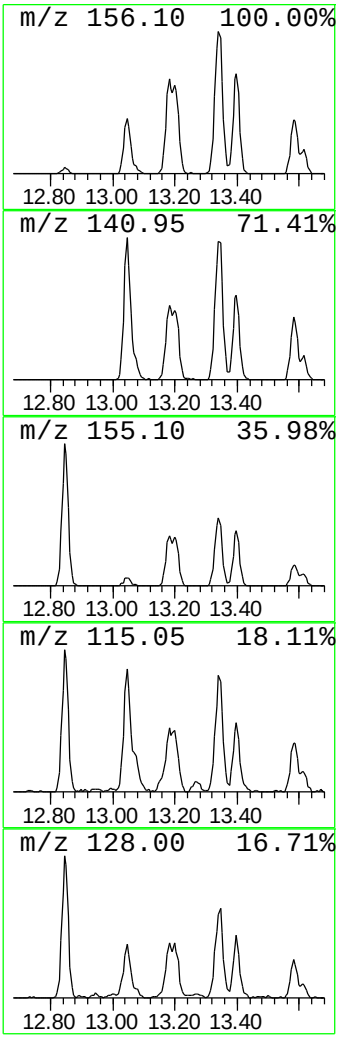

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ClientSampleId : DBDJ7DL

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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 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	10.48 ng/ul	950981	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
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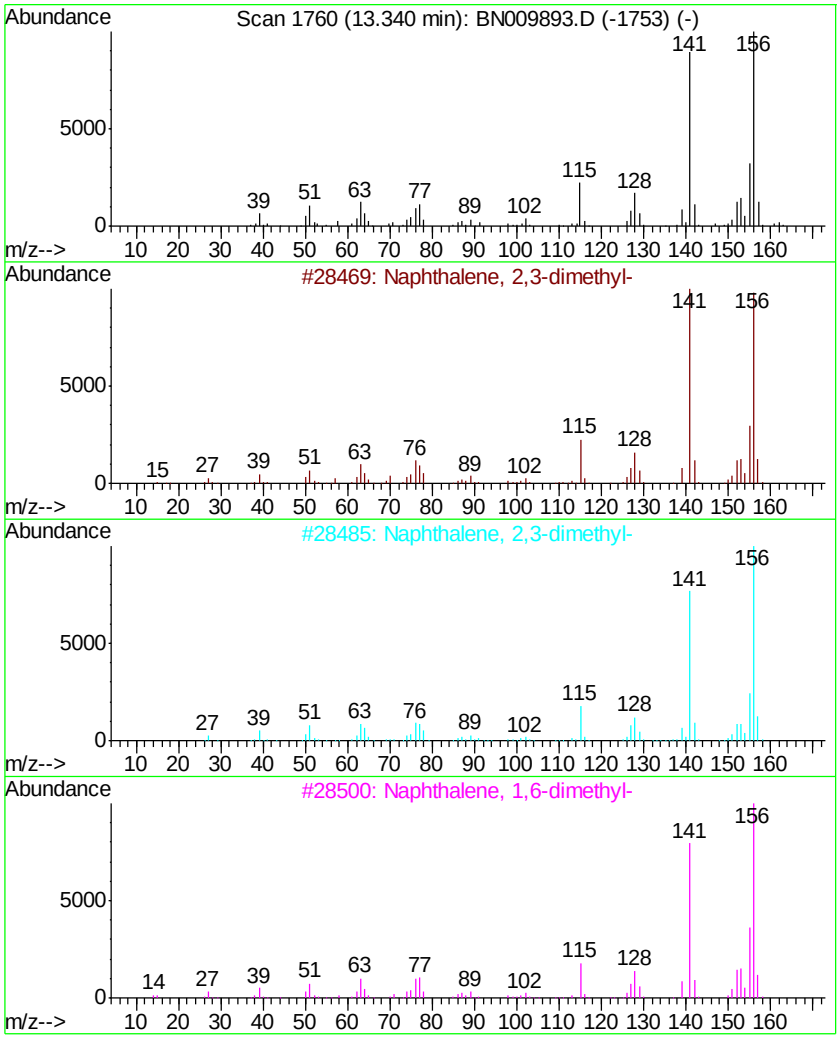

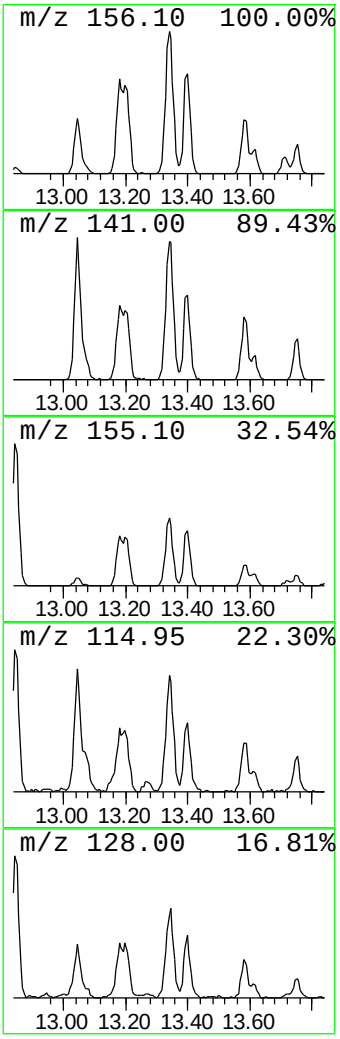

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Quant Title : SVOA CALIBRATION

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

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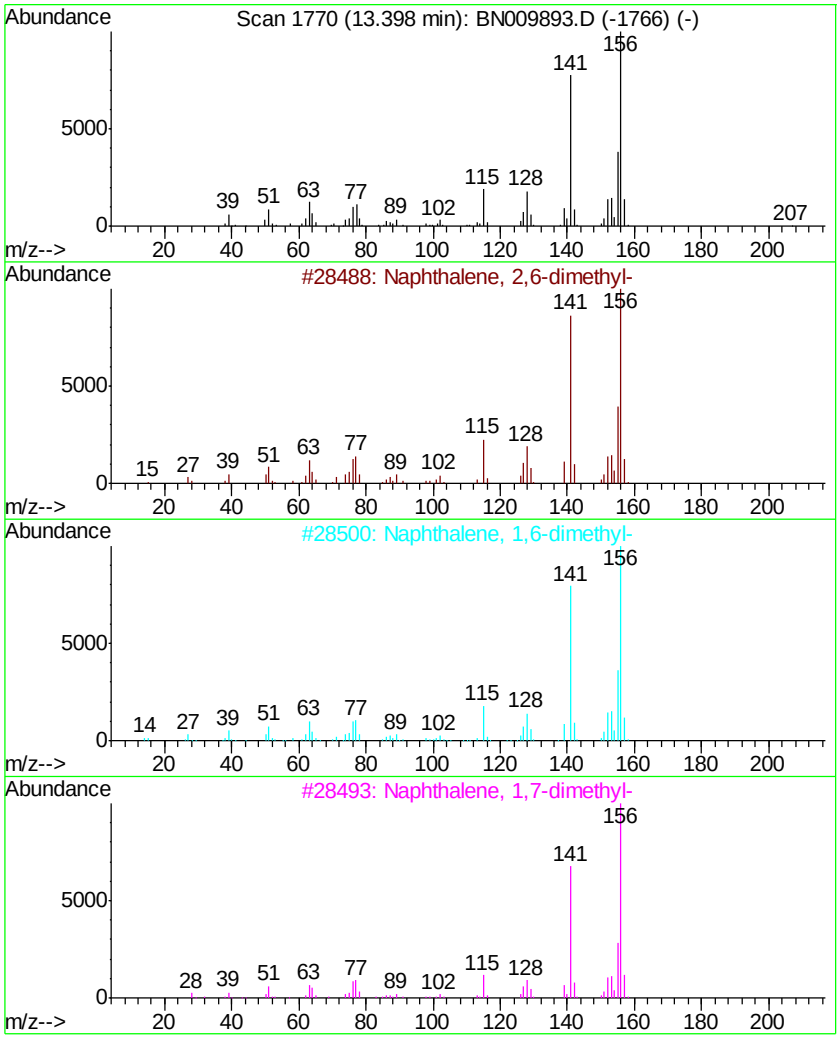
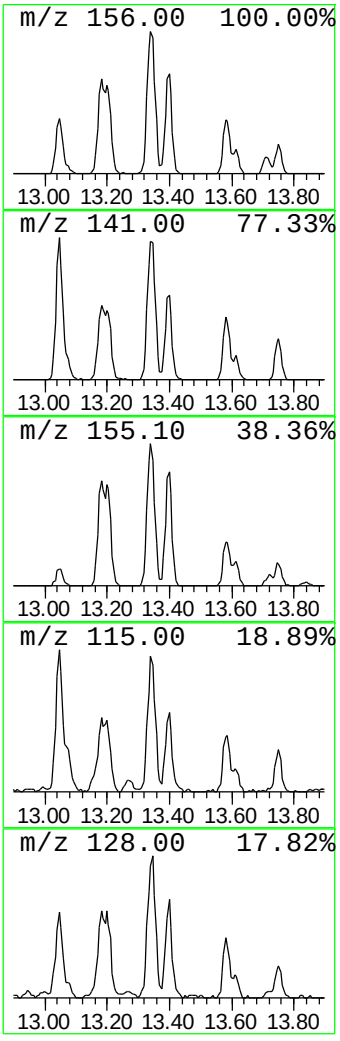
Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	6.10 ng/ul	552997	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Quant Title : SVOA CALIBRATION

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

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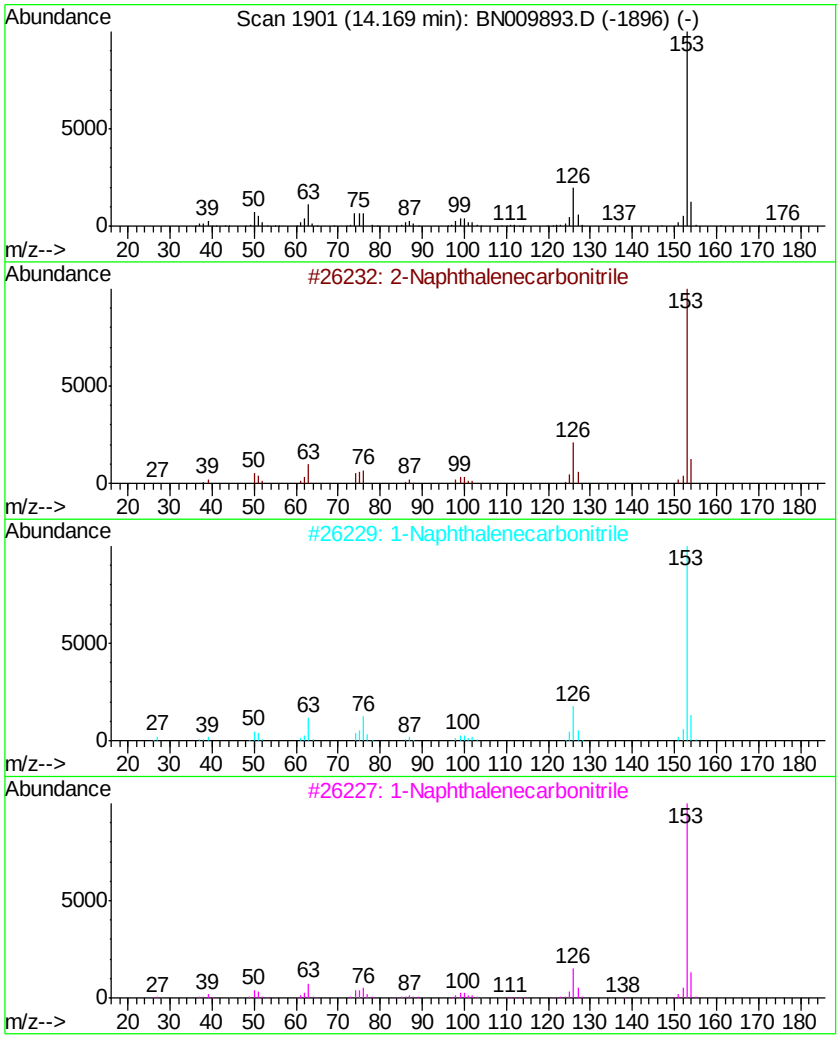
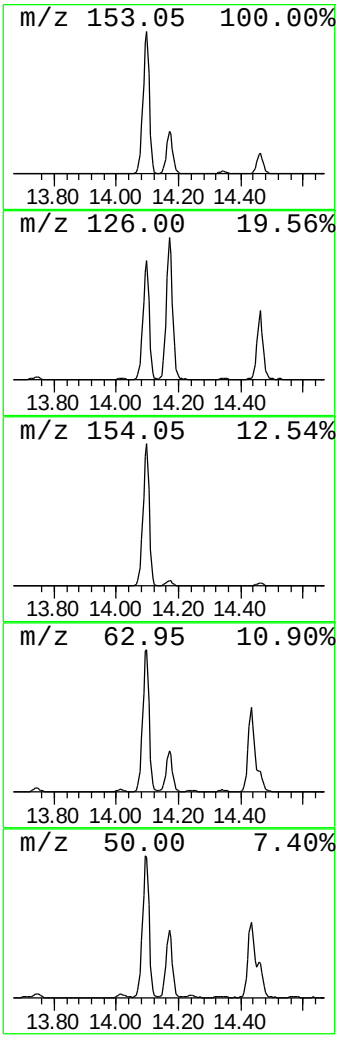
Peak Number 19 2-Naphthalenecarbonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	22.12 ng/ul	2006310	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	93
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90
5	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90





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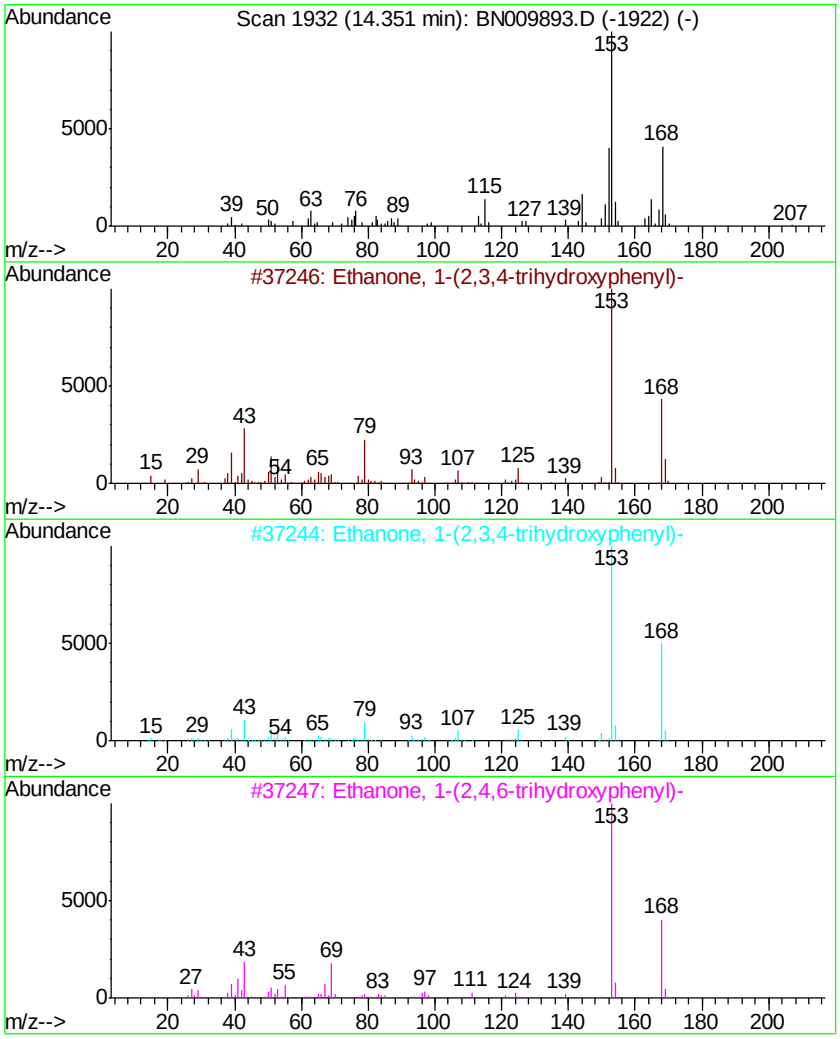
Quant Title : SVOA CALIBRATION

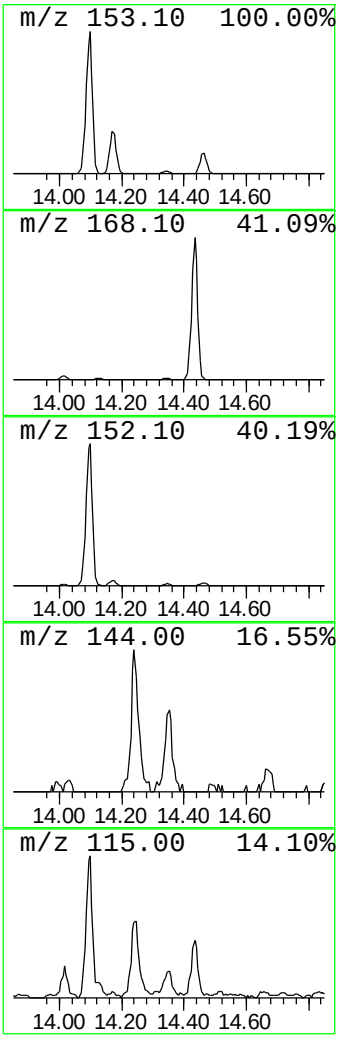
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Ethanone, 1-(2,3,4-trihydro... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.63 ng/ul	238753	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
2	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50
4	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50





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Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

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Quant Title : SVOA CALIBRATION

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

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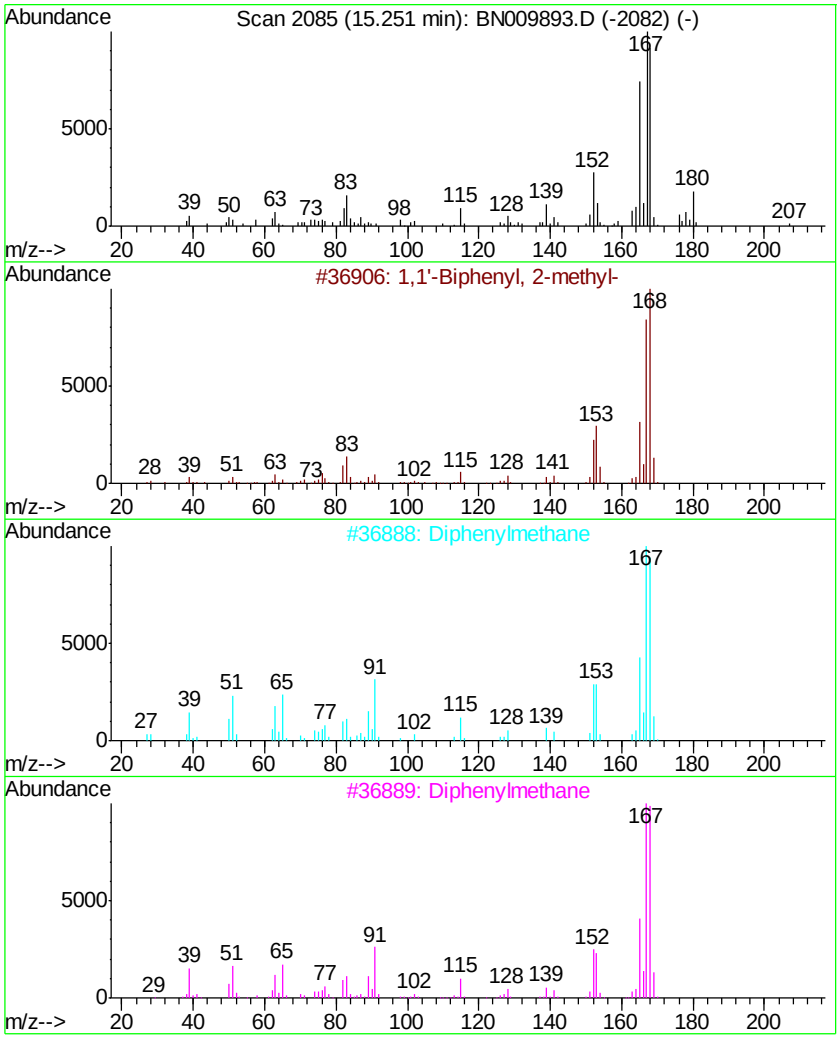
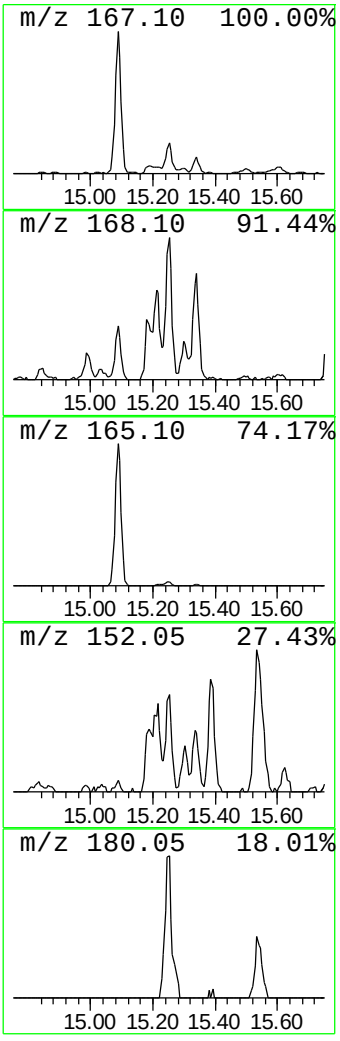
Peak Number 21 1,1'-Biphenyl, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.14 ng/ul	284833	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
2	Diphenylmethane	168	C13H12	000101-81-5	53
3	Diphenylmethane	168	C13H12	000101-81-5	53
4	2,2-Diphenylethylamine	197	C14H15N	003963-62-0	50
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49





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Quant Title : SVOA CALIBRATION

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

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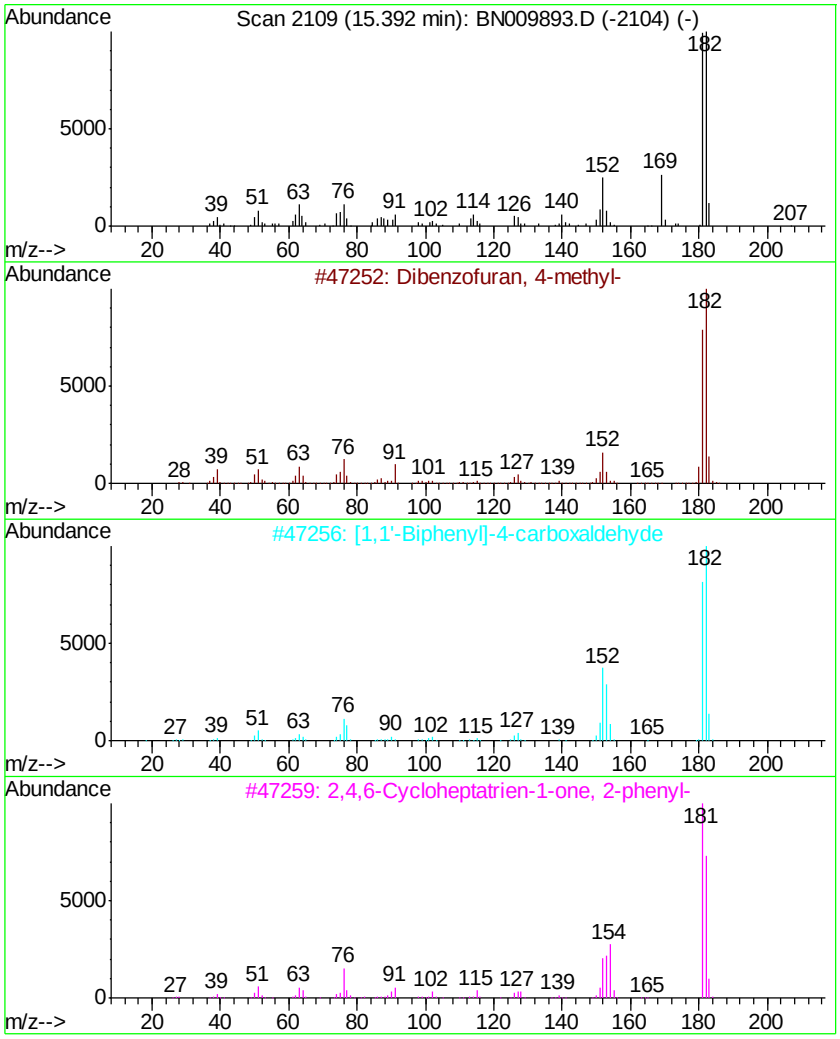
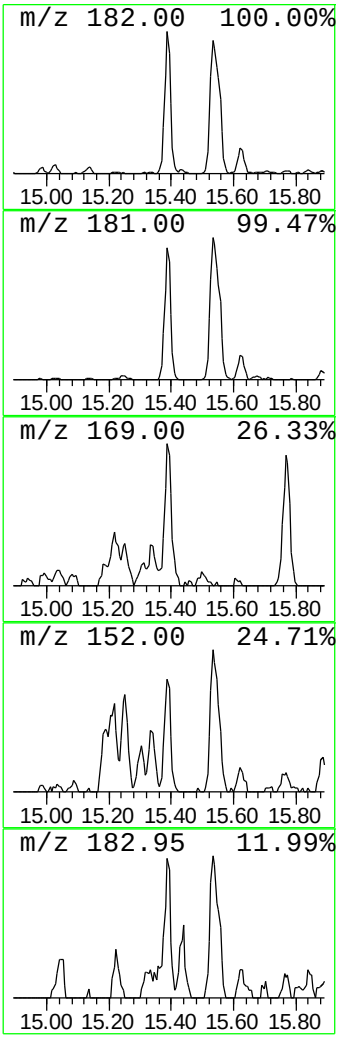
Peak Number 22 Dibenzofuran, 4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	3.02 ng/ul	273597	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	74
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	59





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Quant Title : SVOA CALIBRATION

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

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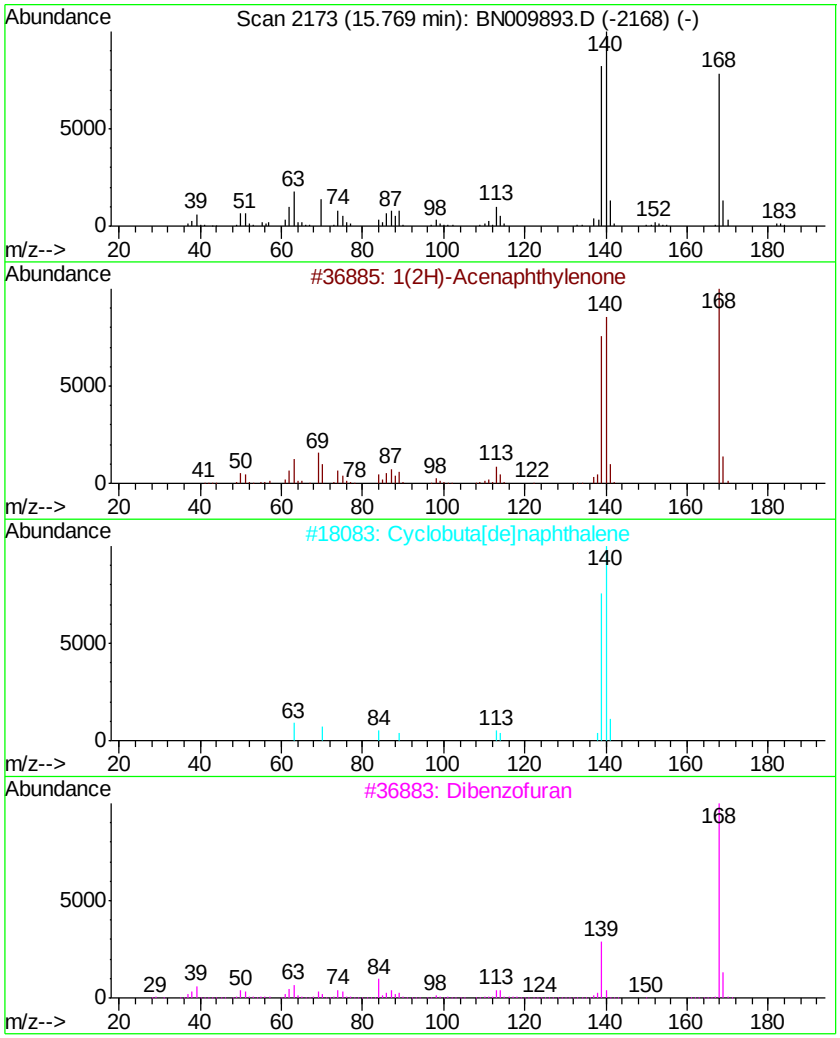
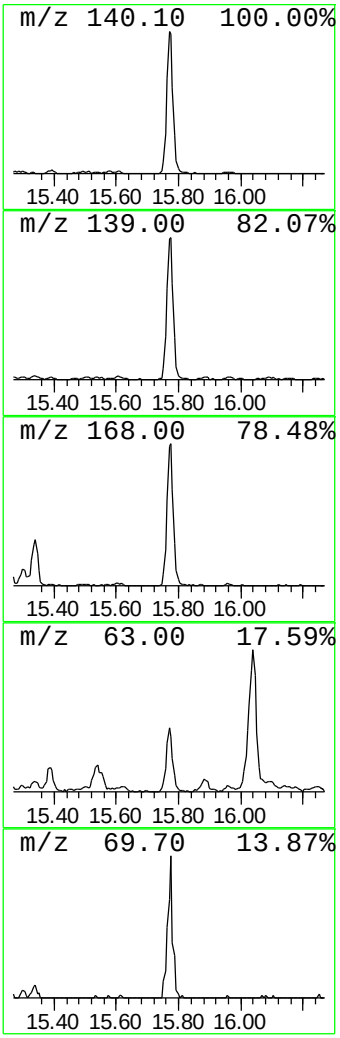
Peak Number 24 1(2H)-Acenaphthylenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	5.60 ng/ul	550882	Phenanthrene-d10	16.79

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	52
3	Dibenzofuran	168	C12H8O	000132-64-9	50
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	47
5	Thiophene, 2,5-dipropyl-	168	C10H16S	054411-07-3	46





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Misc :
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ClientSampleId : DBDJ7DL

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Quant Title : SVOA CALIBRATION

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

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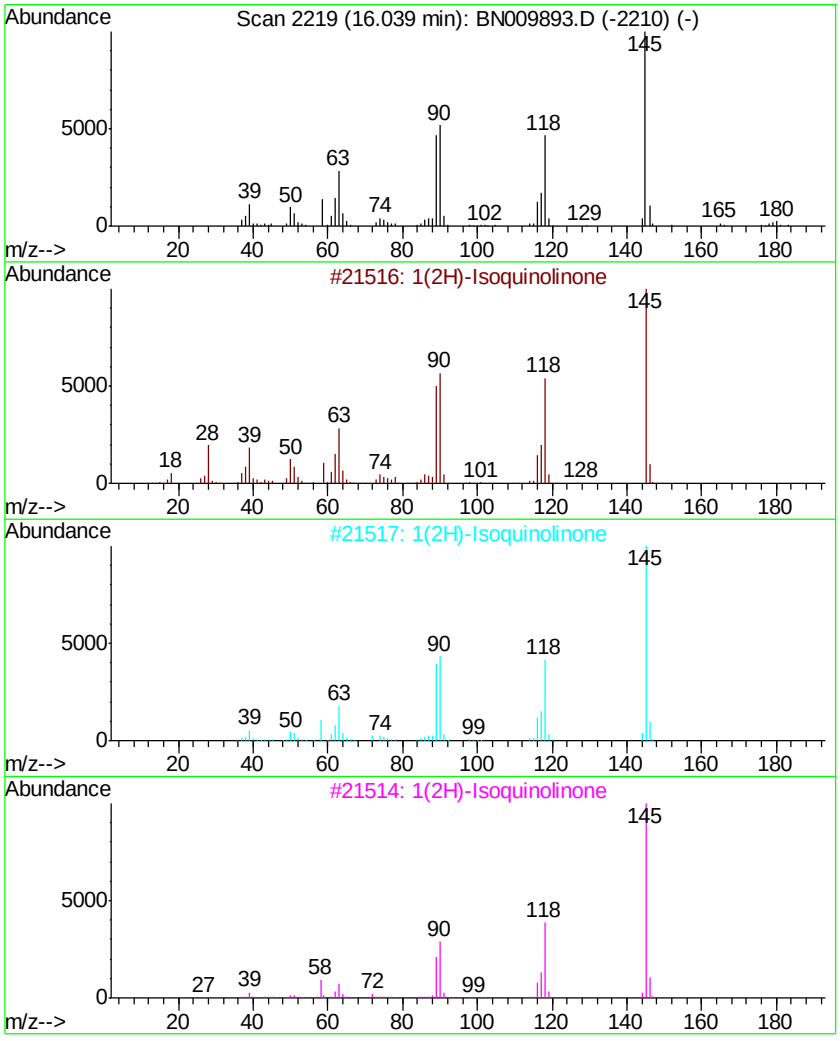
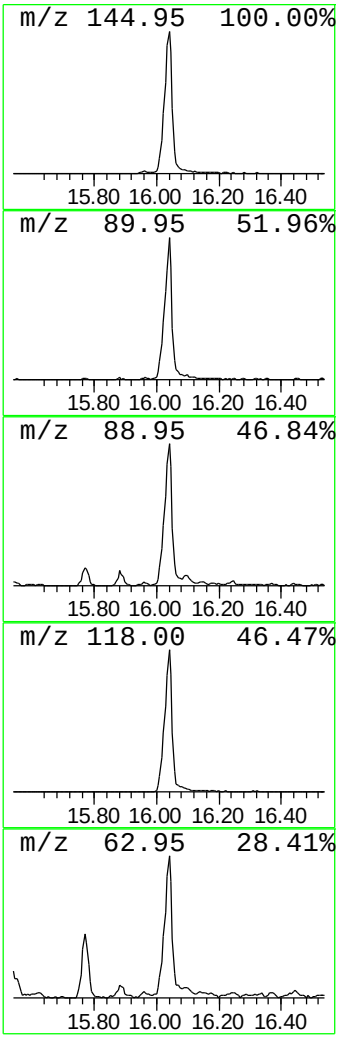
Peak Number 25 1(2H)-Isoquinolinone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	9.01 ng/ul	885428	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	98
2	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	97
3	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	94
4	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	90
5	4-Isoquinolinol	145	C9H7NO	003336-49-0	87





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Sample : L1582-05DL 5X
Misc :
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Quant Title : SVOA CALIBRATION

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

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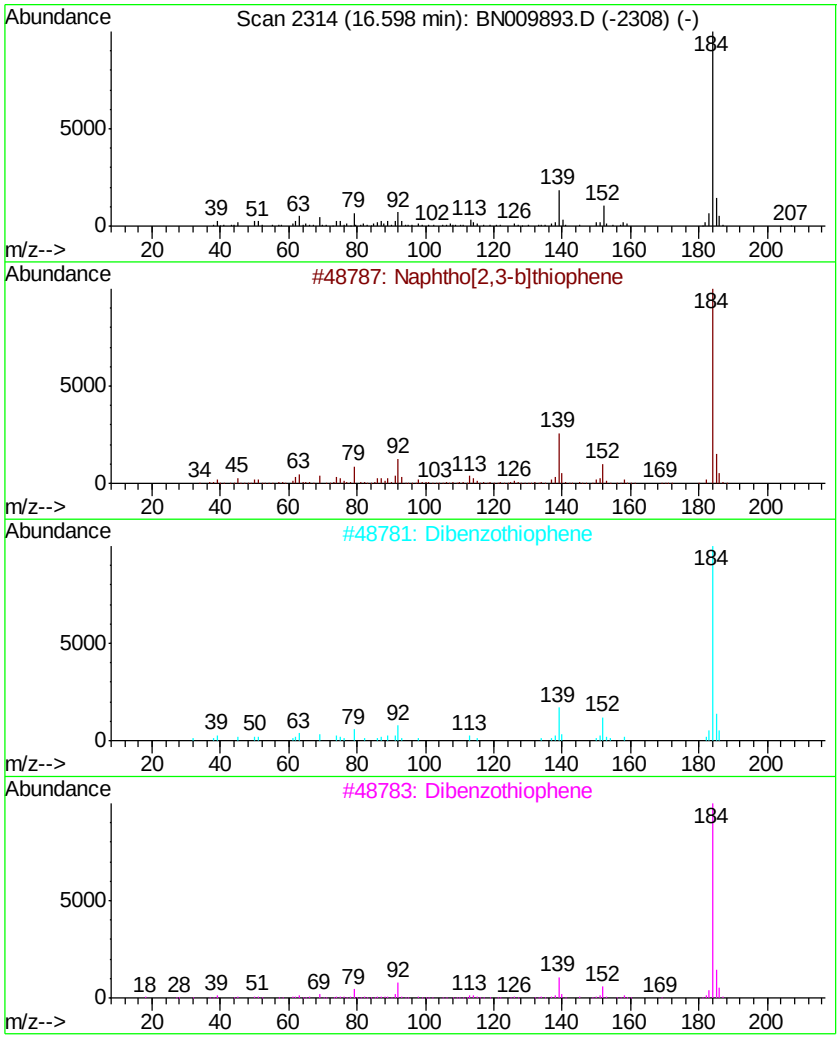
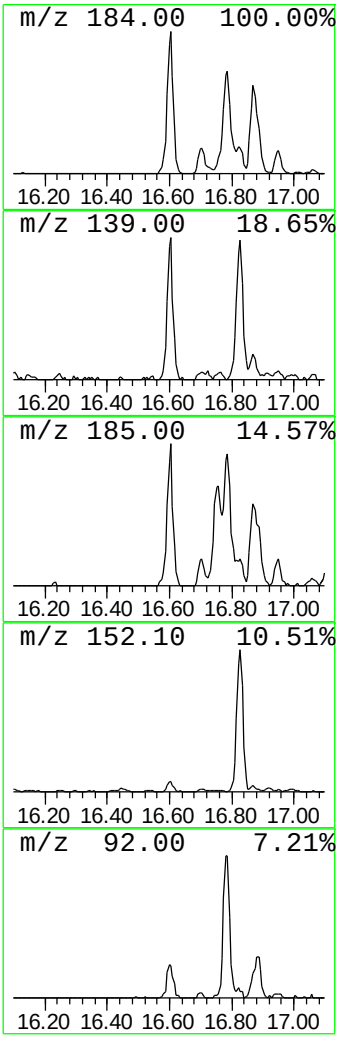
Peak Number 26 Naphtho[2,3-b]thiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	4.43 ng/ul	435799	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93





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Quant Title : SVOA CALIBRATION

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

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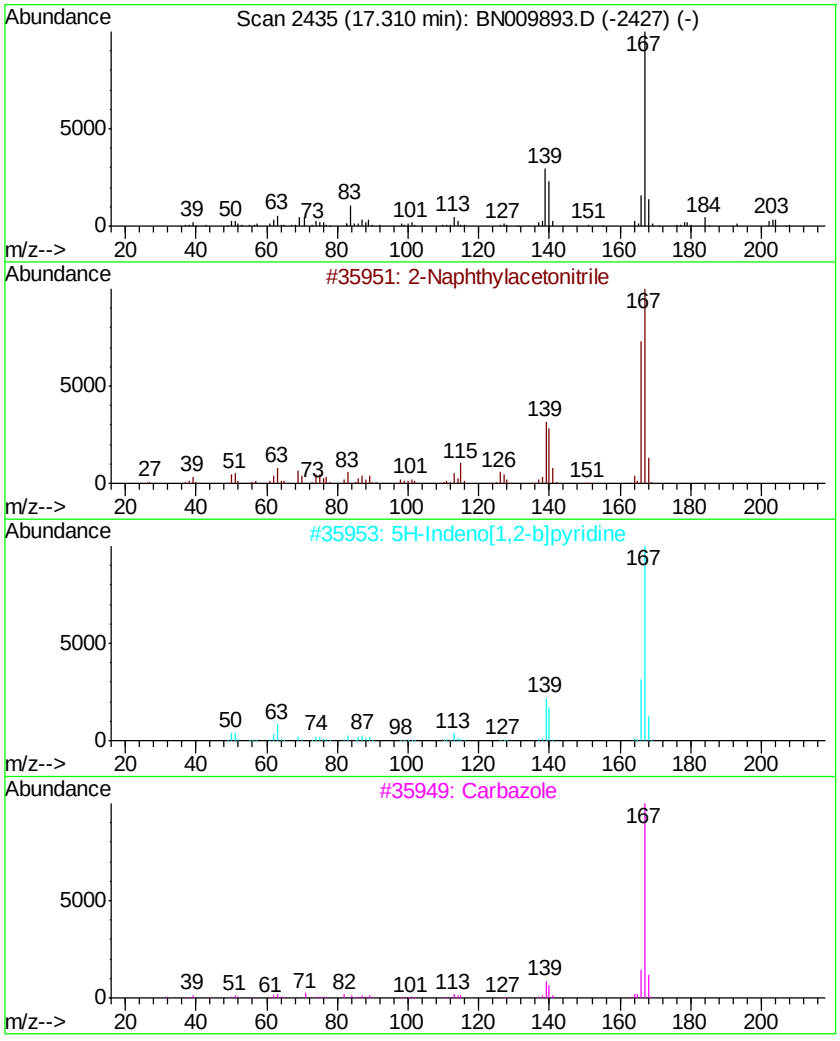
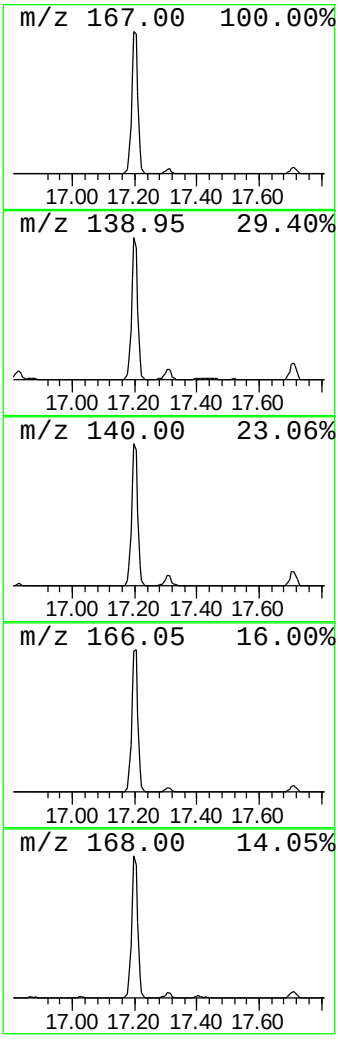
Peak Number 27 2-Naphthylacetonitrile Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	4.24 ng/ul	416561	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthylacetonitrile	167	C12H9N	007498-57-9	90
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
3	Carbazole	167	C12H9N	000086-74-8	87
4	2-Azafluorene	167	C12H9N	000244-40-6	83
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	81





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Sample : L1582-05DL 5X
Misc :
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ClientSampleId : DBDJ7DL

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Quant Title : SVOA CALIBRATION

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

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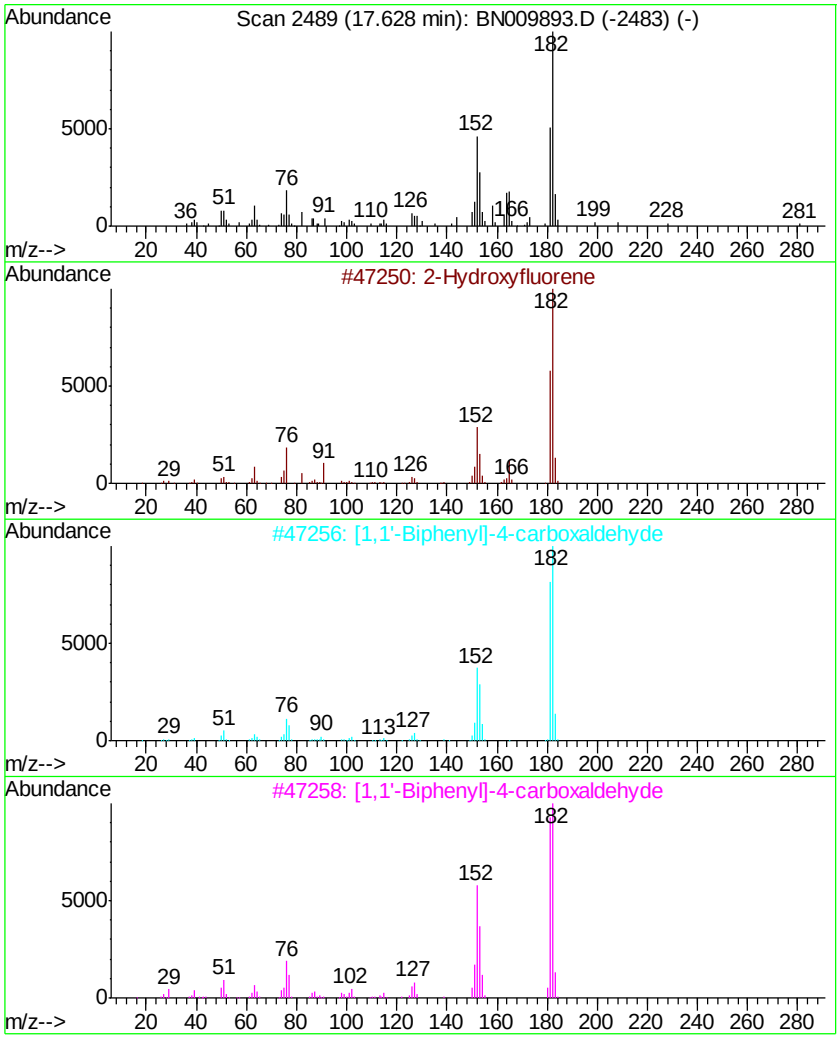
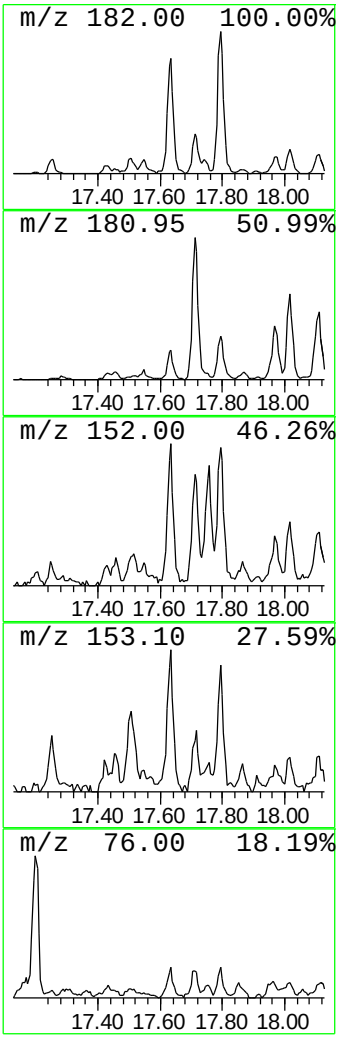
Peak Number 28 2-Hydroxyfluorene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	2.12 ng/ul	208232	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
4	5H-Indeno[1,2-b]pyridin-4-ylamine	182	C12H10N2	1000303-41-6	46
5	1,2,4-Cyclopentanetrione, 3-meth...	182	C9H10O4	057174-14-8	43





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Quant Title : SVOA CALIBRATION

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

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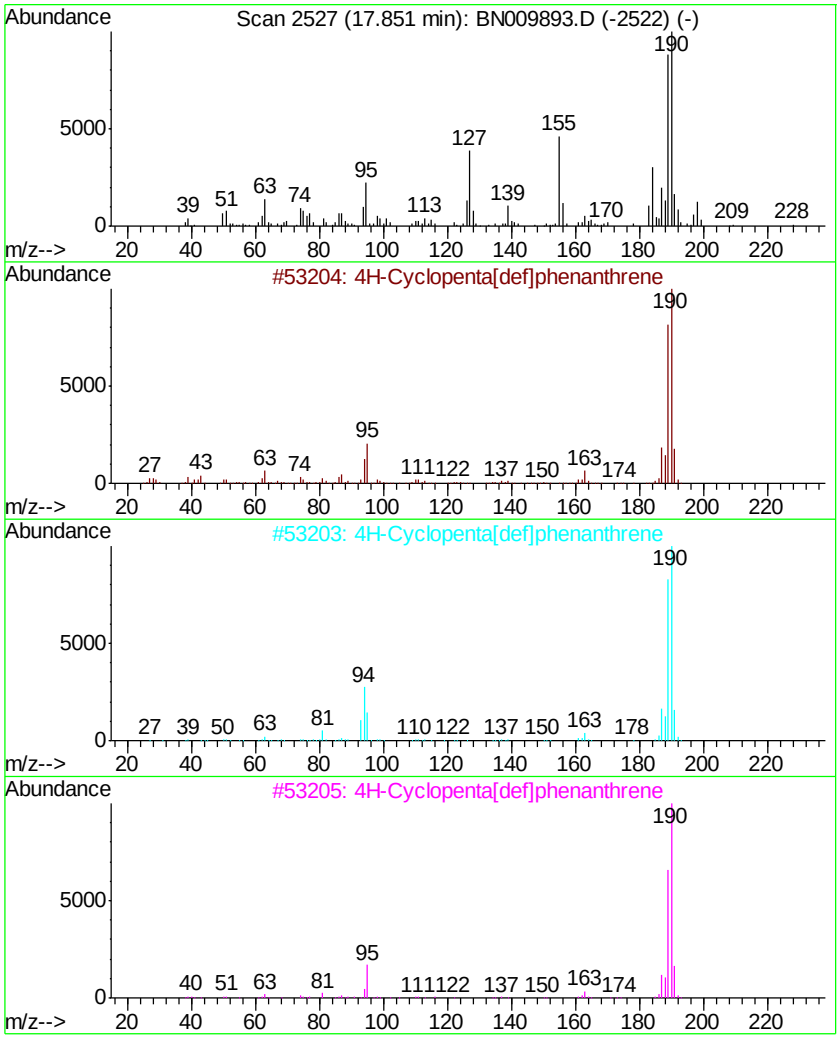
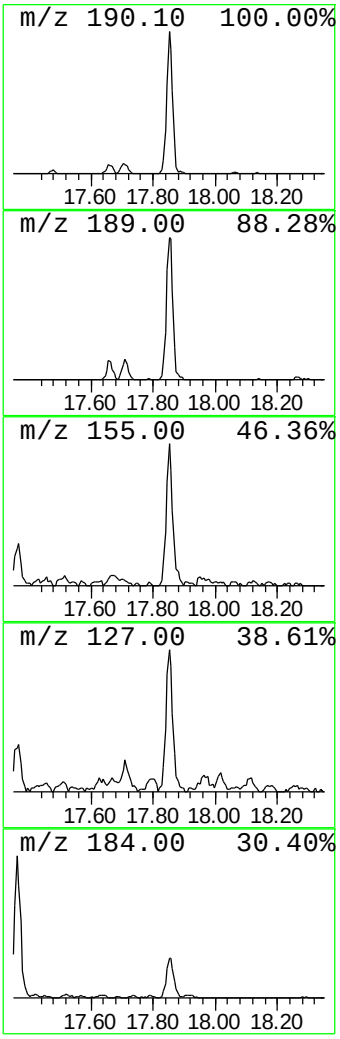
Peak Number 30 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	4.92 ng/ul	483589	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	43
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43





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

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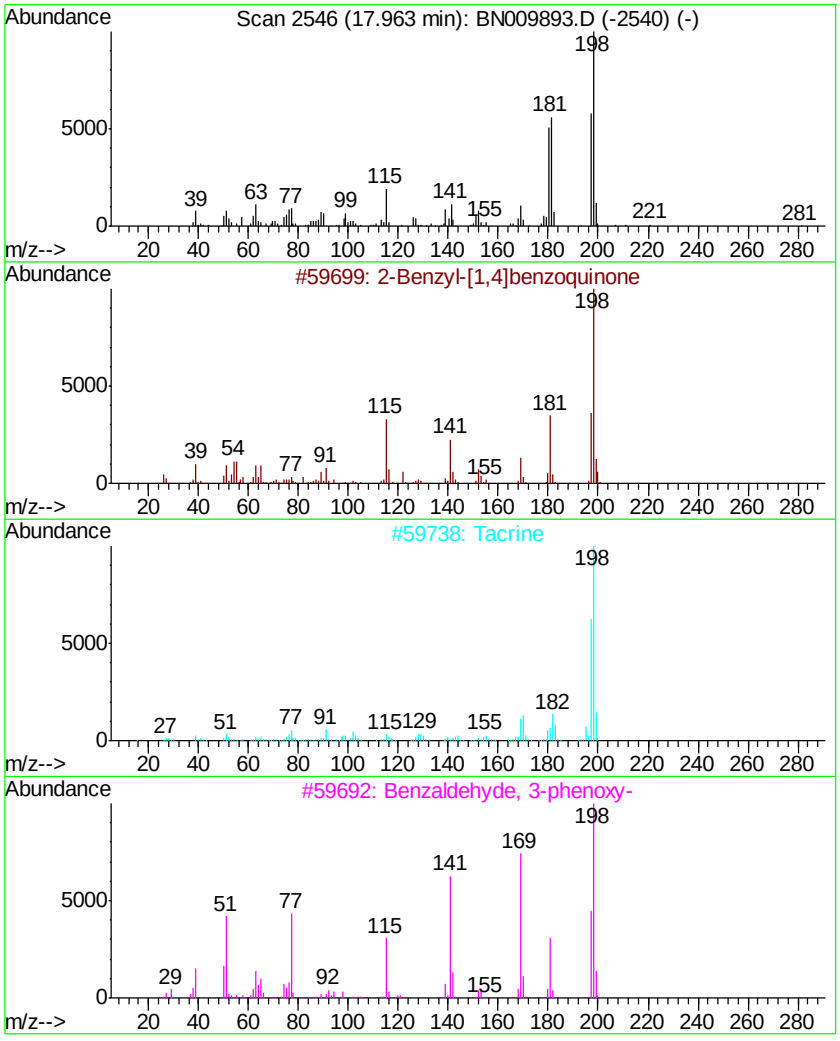
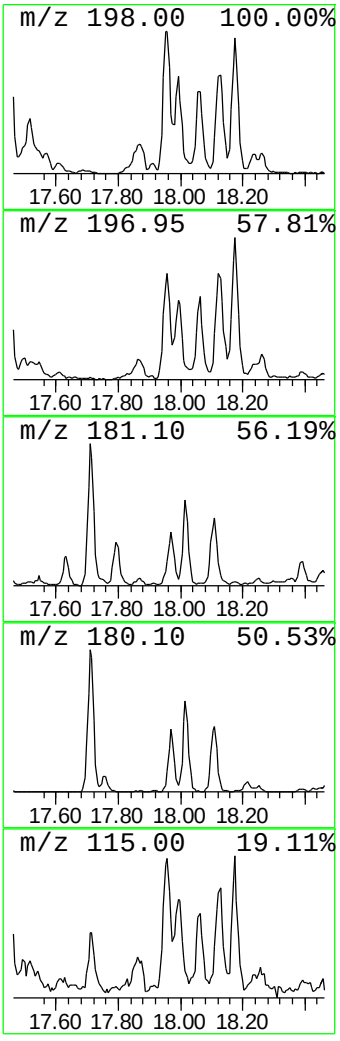
Peak Number 31 2-Benzyl-[1,4]benzoquinone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.56 ng/ul	447749	Phenanthrene-d10	16.79

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	Benzaldehyde, 3-phenoxy-	198	C13H10O2	039515-51-0	59
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	58
5	1,6-Dioxaspiro[4.4]nona-2,8-dien...	198	C13H10O2	017089-43-9	55





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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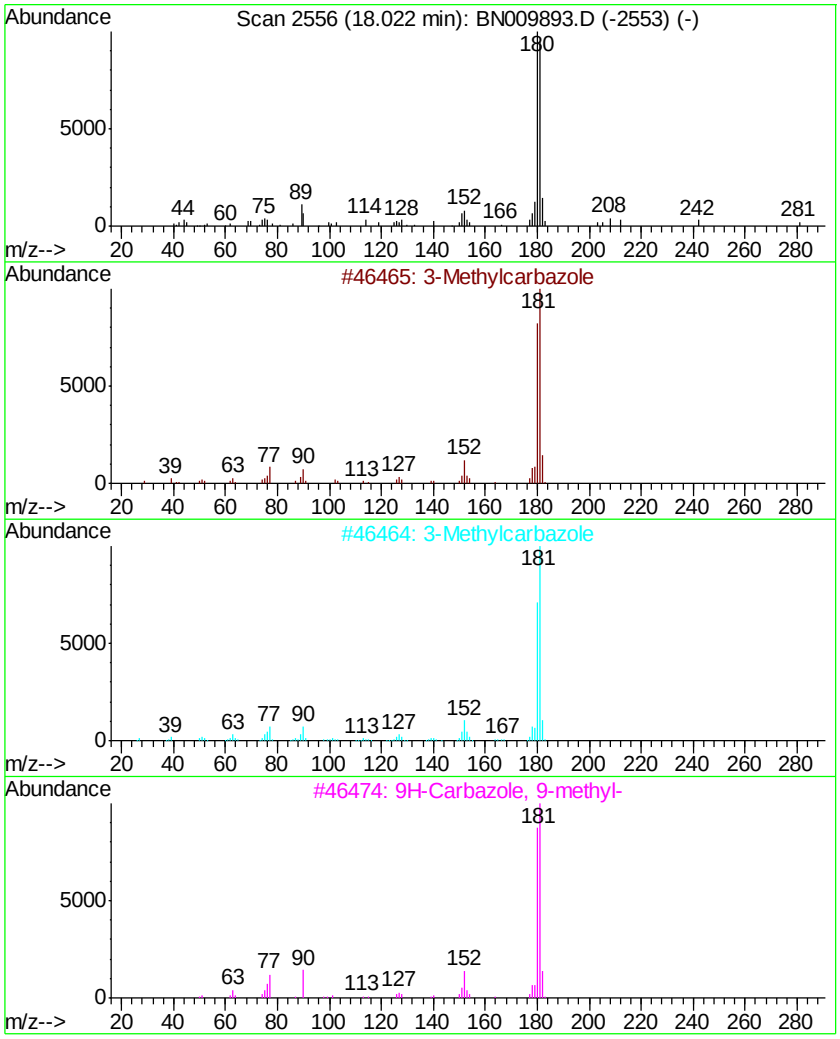
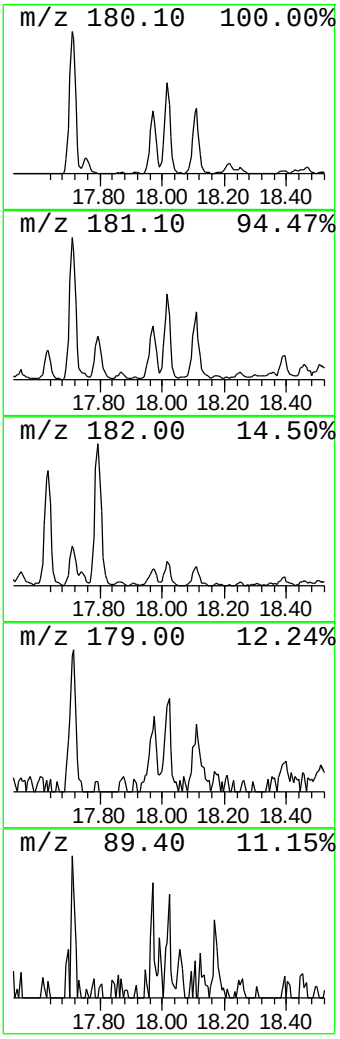
Peak Number 32 3-Methylcarbazole Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.04 ng/ul	200896	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	93
2	3-Methylcarbazole	181	C13H11N	004630-20-0	93
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	93
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	92
5	3-Methylcarbazole	181	C13H11N	004630-20-0	90





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Quant Title : SVOA CALIBRATION

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

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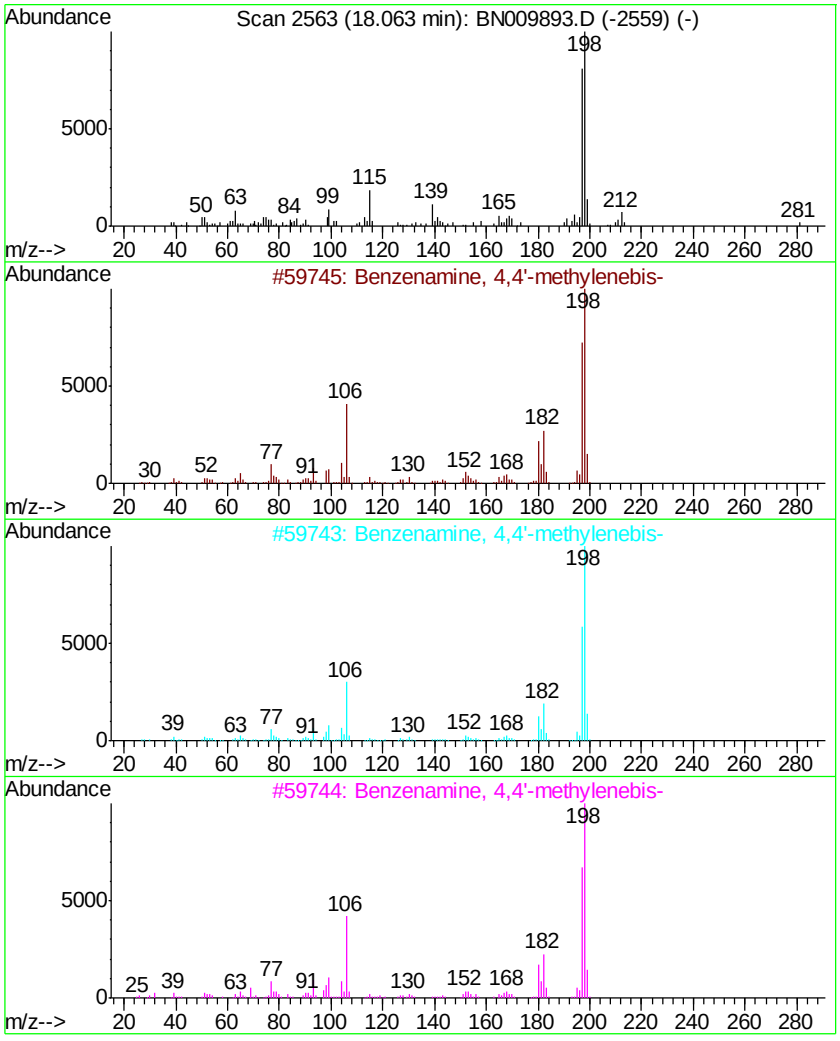
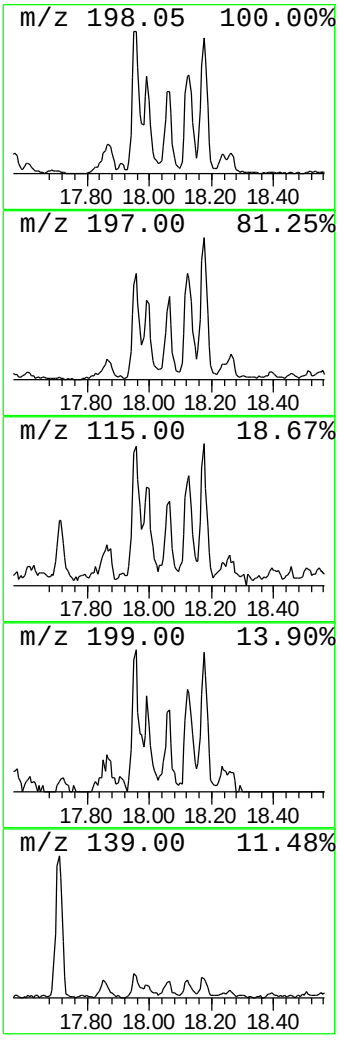
Peak Number 33 Benzenamine, 4,4'-methylene... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.09 ng/ul	205593	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72
5	Tacrine	198	C13H14N2	000321-64-2	64





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Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

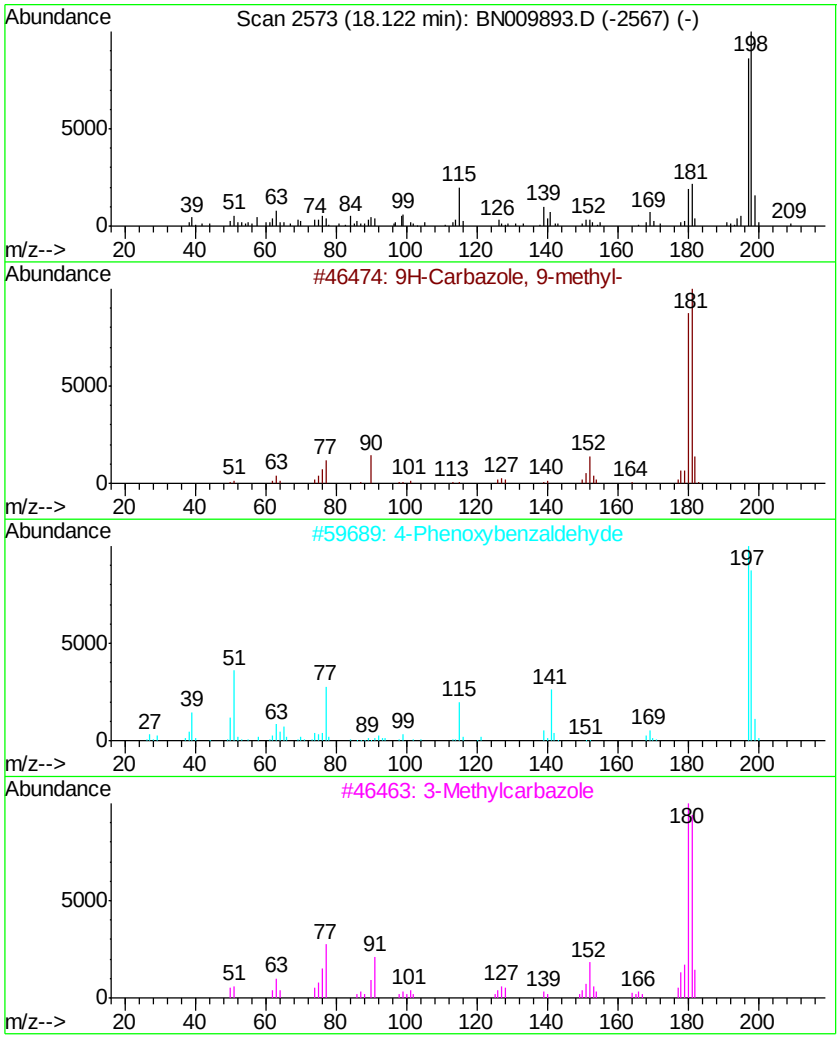
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

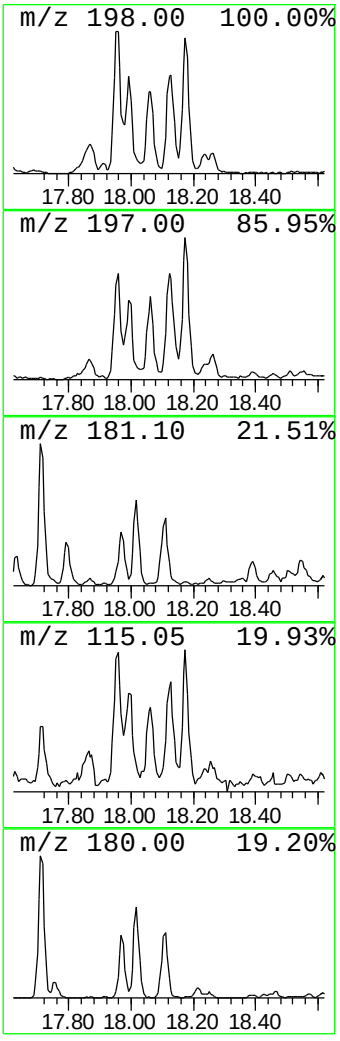
****

Peak Number 34 9H-Carbazole, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	4.14 ng/ul	407101	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	60
2	4-Phenoxybenzaldehyde	198	C13H10O2	000067-36-7	52
3	3-Methylcarbazole	181	C13H11N	004630-20-0	49
4	4,6,8-Trimethyl-1-azulenecarbald...	198	C14H14O	000832-62-2	49
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
Ethylbenzene	4.97	3.8	ng/ul	177608	1	7.39	925653	20.0
p-Xylene	5.09	11.0	ng/ul	508193	1	7.39	925653	20.0
.alpha.-Pinene	6.10	3.6	ng/ul	167882	1	7.39	925653	20.0
Benzene, 1-ethyl-...	6.50	8.9	ng/ul	410413	1	7.39	925653	20.0
Benzene, 1,2,3-tr...	7.05	32.5	ng/ul	1505100	1	7.39	925653	20.0
Benzene, 1-etheny...	7.13	3.8	ng/ul	174791	1	7.39	925653	20.0
p-Cymene	7.52	24.7	ng/ul	1142950	1	7.39	925653	20.0
D-Limonene	7.60	9.9	ng/ul	457617	1	7.39	925653	20.0
Indane	7.75	96.7	ng/ul	4477400	1	7.39	925653	20.0
L-Fenchone	8.60	5.4	ng/ul	249707	1	7.39	925653	20.0
2-Propenal, 3-phe...	8.72	14.7	ng/ul	680915	1	7.39	925653	20.0
Naphthalene, 2-et...	13.05	7.0	ng/ul	632425	3	14.03	1814130	20.0
Naphthalene, 1,6-...	13.18	6.2	ng/ul	563574	3	14.03	1814130	20.0
Naphthalene, 2,3-...	13.34	10.5	ng/ul	950981	3	14.03	1814130	20.0
Naphthalene, 2,6-...	13.40	6.1	ng/ul	552997	3	14.03	1814130	20.0
2-Naphthalenecarb...	14.17	22.1	ng/ul	2006310	3	14.03	1814130	20.0
Ethanone, 1-(2,3,...	14.35	2.6	ng/ul	238753	3	14.03	1814130	20.0
1,1'-Biphenyl, 2-...	15.25	3.1	ng/ul	284833	3	14.03	1814130	20.0
Dibenzofuran, 4-m...	15.39	3.0	ng/ul	273597	3	14.03	1814130	20.0
1(2H)-Acenaphthyl...	15.77	5.6	ng/ul	550882	4	16.79	1965750	20.0
1(2H)-Isoquinolinone	16.04	9.0	ng/ul	885428	4	16.79	1965750	20.0
Naphtho[2,3-b]thi...	16.60	4.4	ng/ul	435799	4	16.79	1965750	20.0
2-Naphthylacetoni...	17.31	4.2	ng/ul	416561	4	16.79	1965750	20.0
2-Hydroxyfluorene	17.63	2.1	ng/ul	208232	4	16.79	1965750	20.0
4H-Cyclopenta[def...	17.85	4.9	ng/ul	483589	4	16.79	1965750	20.0
2-Benzyl-[1,4]ben...	17.96	4.6	ng/ul	447749	4	16.79	1965750	20.0
3-Methylcarbazole	18.02	2.0	ng/ul	200896	4	16.79	1965750	20.0
Benzenamine, 4,4'...	18.06	2.1	ng/ul	205593	4	16.79	1965750	20.0
9H-Carbazole, 9-m...	18.12	4.1	ng/ul	407101	4	16.79	1965750	20.0