LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

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_M\METHODS\SOM-EPA-BM020620MA.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	6.698	642	648	653	rBV	65221	112083	0.17%	0.091%
2	6.881	674	679	692	rBV	62953	125837	0.19%	0.103%
3	6.998	694	699	706	rVV	367109	538740	0.79%	0.439%
4	7.339	750	757	770	rBV	521080	837673	1.24%	0.682%
5	7.457	771	777	785	rVB	121544	188154	0.28%	0.153%
6	7.704	813	819	827	rVB	98532	160456	0.24%	0.131%
7	7.863	838	846	861	rBV	517176	853256	1.26%	0.695%
8	8.069	876	881	891	rBV2	39684	81847	0.12%	0.067%
9	8.486	947	952	953	rBV	72102	102342	0.15%	0.083%
10	8.681	978	985	994	rVV	157178	247518	0.37%	0.202%
11	8.798	994	1005	1012	rVV	287265	631077	0.93%	0.514%
12	8.863	1012	1016	1023	rVV	75587	131637	0.19%	0.107%
13	8.957	1027	1032	1037	rVV	49747	79607	0.12%	0.065%
14	9.016	1037	1042	1049	rVB2	50885	80508	0.12%	0.066%
15	9.198	1067	1073	1078	rBV	64332	105255	0.16%	0.086%
16	9.510	1119	1126	1137	rBV2	119506	248476	0.37%	0.202%
17	9.733	1158	1164	1176	rBV2	102323	206327	0.30%	0.168%
18	10.098	1218	1226	1228	rBV	653722	1125606	1.66%	0.917%
19	10.169	1228	1238	1243	rVV2	32703035	67770351	100.00%	55.207%
20	10.263	1247	1254	1267	rVB	1514177	2525866	3.73%	2.058%
21	11.657	1484	1491	1501	rVB	187603	308589	0.46%	0.251%
22	11.775	1505	1511	1519	rBV	57507	97233	0.14%	0.079%
23	11.892	1526	1531	1536	rVB	54746	94298	0.14%	0.077%
24	11.992	1536	1548	1565	rBV	4354063	7198060	10.62%	5.864%
25	12.439	1619	1624	1633	rBV2	39029	68988	0.10%	0.056%
26	12.816	1681	1688	1699	rBV	1462120	2189290	3.23%	1.783%
27	13.016	1716	1722	1733	rVB	183738	369442	0.55%	0.301%
28	13.151	1733	1745	1755	rBV2	347305	812903	1.20%	0.662%
29	13.310	1766	1772	1779	rBV	493134	852383	1.26%	0.694%
30	13.421	1783	1791	1797	rBV	292899	437624	0.65%	0.356%
31	13.551	1807	1813	1816	rBV	175923	265174	0.39%	0.216%
32	13.580	1816	1818	1824	rVB	80047	105148	0.16%	0.086%
33	13.680	1829	1835	1839	rVV	356626	535426	0.79%	0.436%
34	13.716	1839	1841	1853	rVB2	136730	196360	0.29%	0.160%

LSC Area Percent Report

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Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

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_M\METHODS\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

35	13.992	1881	1888	1894	rBV3	1302177	1958526	2.89%	1.595%
36	14.057	1894	1899	1905	rVV	3636064	5180540	7.64%	4.220%
37	14.127	1907	1911	1929	rVB	725837	1125396	1.66%	0.917%
38	14.398	1949	1957	1970	rBV	3282841	4842369	7.15%	3.945%
39	14.998	2054	2059	2065	rBV	458695	666670	0.98%	0.543%
40	15.057	2065	2069	2074	rVB2	97364	149264	0.22%	0.122%
41	15.139	2079	2083	2088	rBV3	50978	94097	0.14%	0.077%
42	15.286	2103	2108	2116	rBV2	78222	150221	0.22%	0.122%
43	15.363	2116	2121	2129	rVB3	133010	225022	0.33%	0.183%
44	15.504	2141	2145	2156	rVB	134571	276556	0.41%	0.225%
45	15.739	2177	2185	2199	rBV2	247315	571714	0.84%	0.466%
46	16.045	2229	2237	2244	rVB5	35886	75289	0.11%	0.061%
47	16.262	2269	2274	2280	rBV2	64650	125241	0.18%	0.102%
48	16.409	2296	2299	2307	rVB2	50269	83763	0.12%	0.068%
49	16.568	2322	2326	2339	rVB	144175	206153	0.30%	0.168%
50	16.751	2347	2357	2360	rBV	1616965	2194696	3.24%	1.788%
51	16.792	2360	2364	2369	rVV	1690774	2334264	3.44%	1.902%
52	16.851	2369	2374	2387	rVV	533093	832369	1.23%	0.678%
53	17.157	2420	2426	2432	rBV	2252262	3307686	4.88%	2.695%
54	17.456	2472	2477	2488	rVB2	62719	116706	0.17%	0.095%
55	17.680	2510	2515	2529	rBV2	123816	268010	0.40%	0.218%
56	17.980	2562	2566	2572	rBV2	51891	77332	0.11%	0.063%
57	18.074	2577	2582	2591	rVB2	51814	79828	0.12%	0.065%
58	19.156	2760	2766	2775	rBV	714730	1001575	1.48%	0.816%
59	19.645	2844	2849	2859	rVV	58246	140989	0.21%	0.115%
60	20.727	3030	3033	3038	rBV4	54753	72776	0.11%	0.059%
61	20.962	3068	3073	3083	rBV	2145961	2872440	4.24%	2.340%
62	22.909	3399	3404	3415	rBV	564124	1013244	1.50%	0.825%
63	23.038	3421	3426	3439	rVB	1691103	3029516	4.47%	2.468%

Sum of corrected areas: 122755786

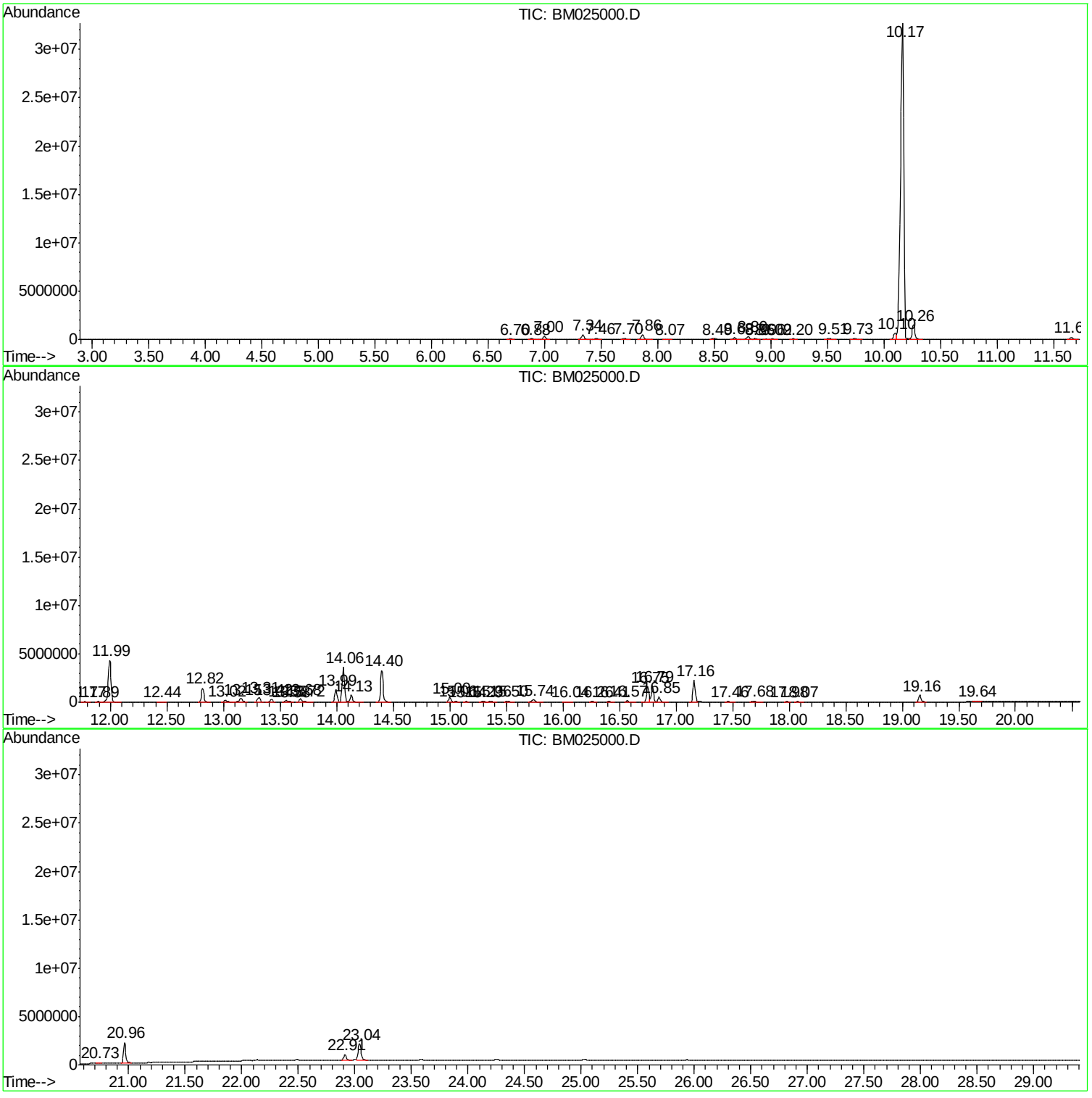
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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 M\DATA\BM022120\
Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

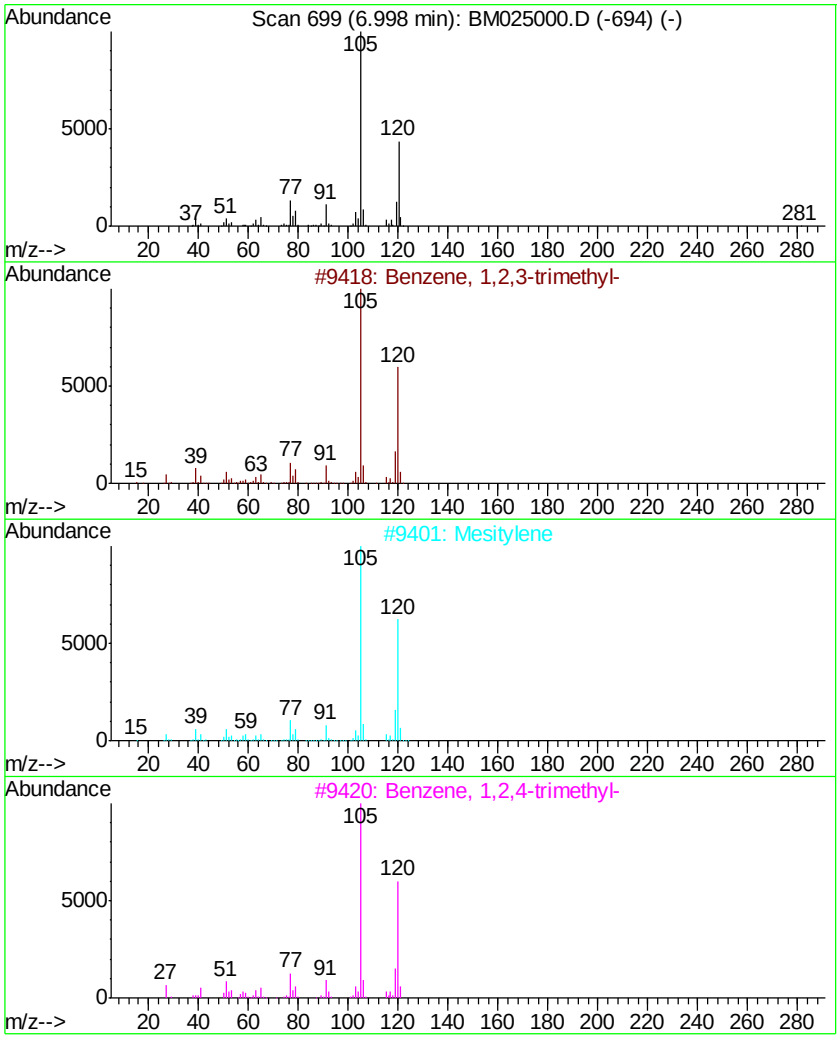
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

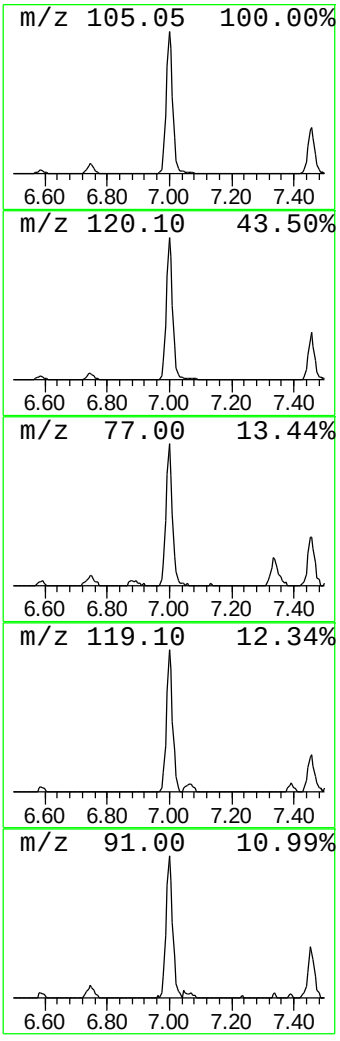
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	12.86 ng/ul	538740	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

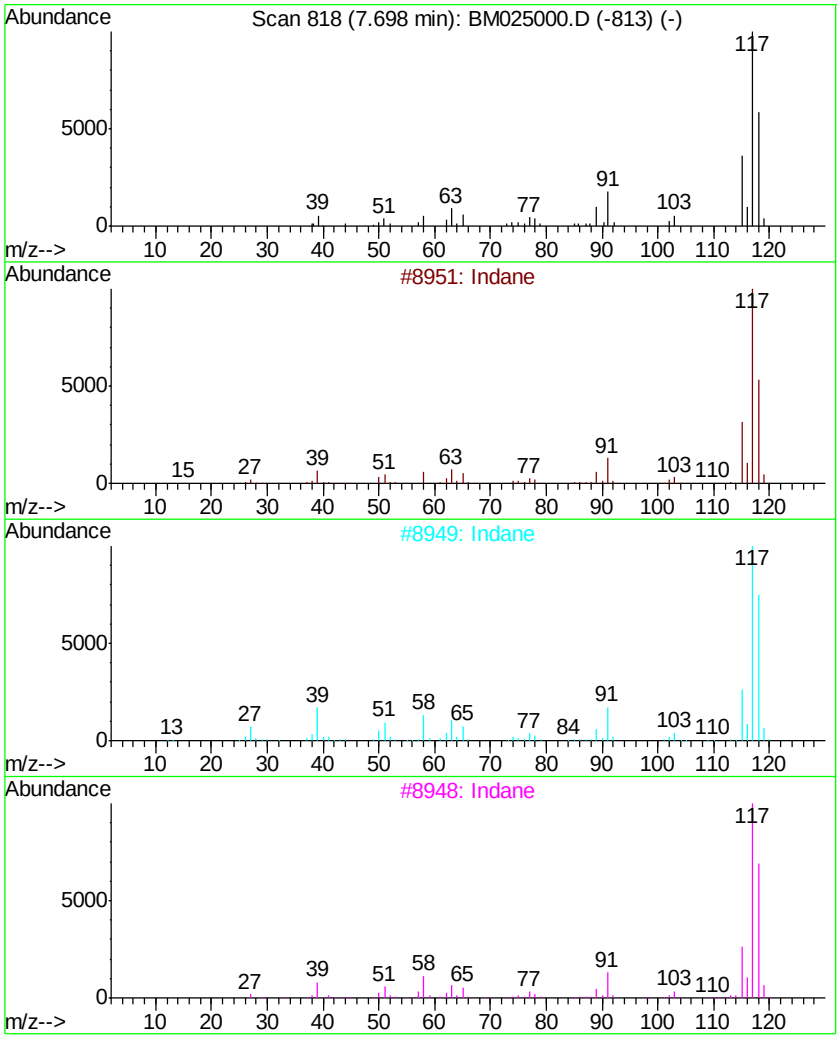
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

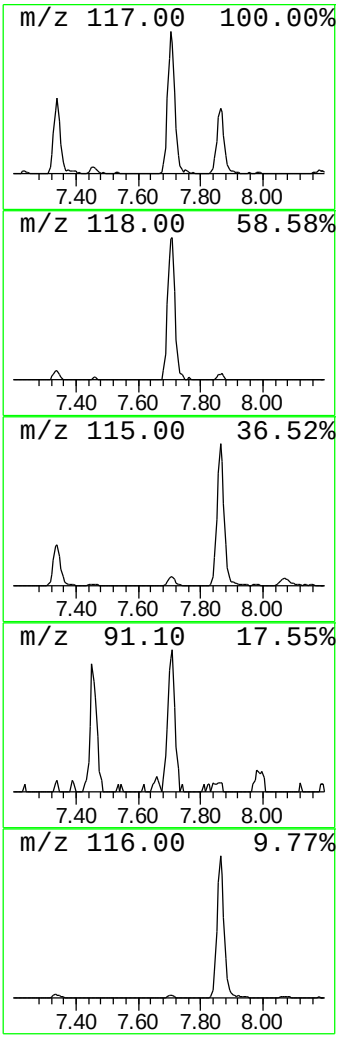
****

Peak Number 3 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	3.83 ng/ul	160456	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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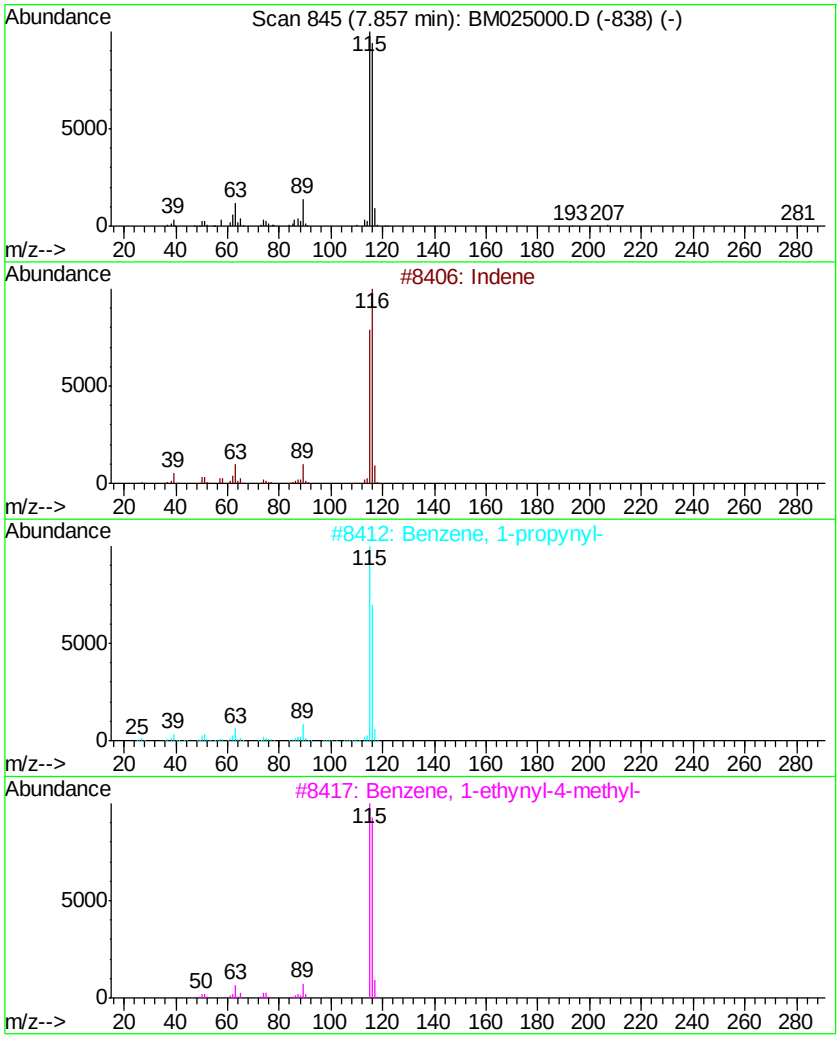
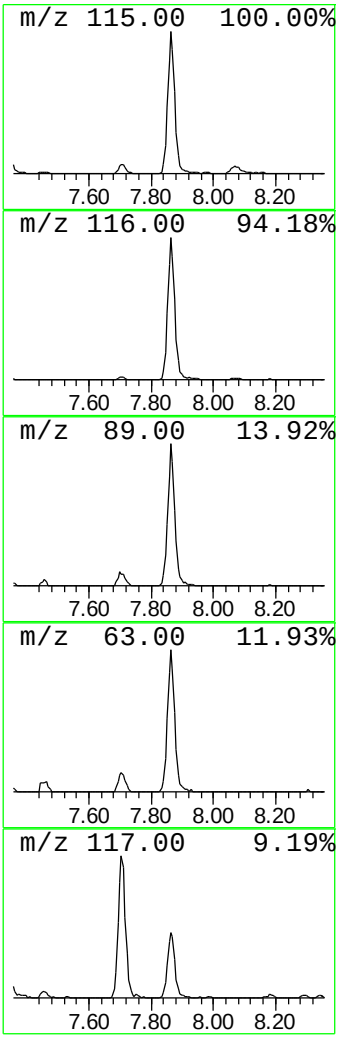
Peak Number 4 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	20.37 ng/ul	853256	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

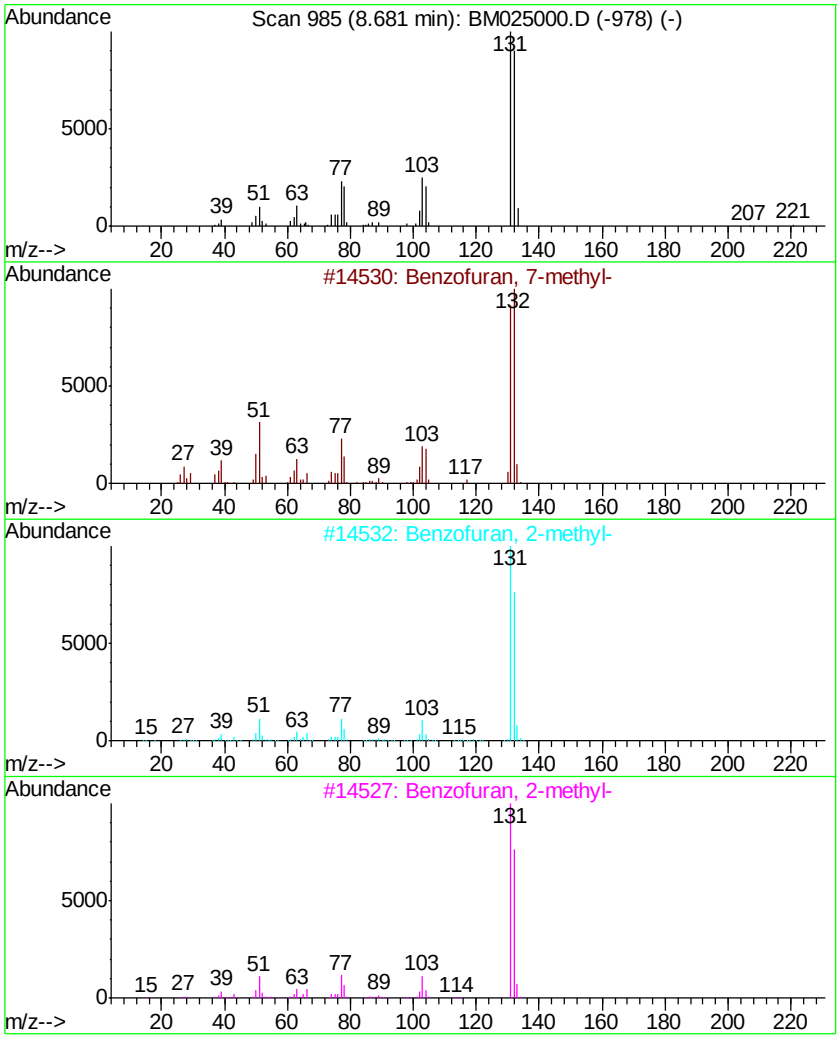
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

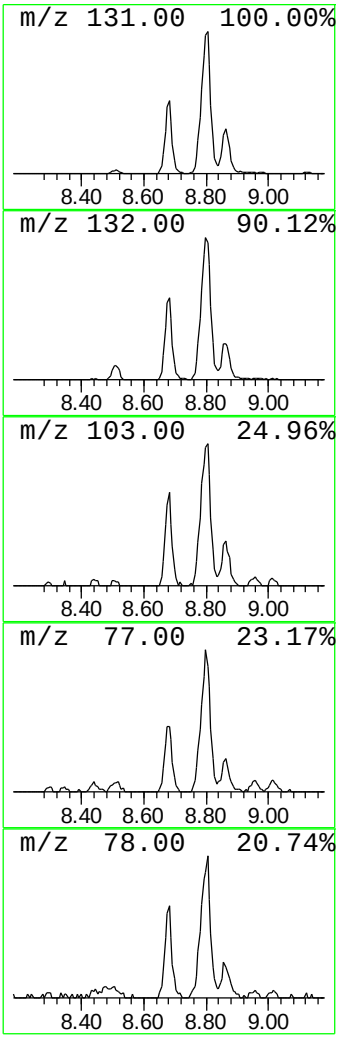
****

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	5.91 ng/ul	247518	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

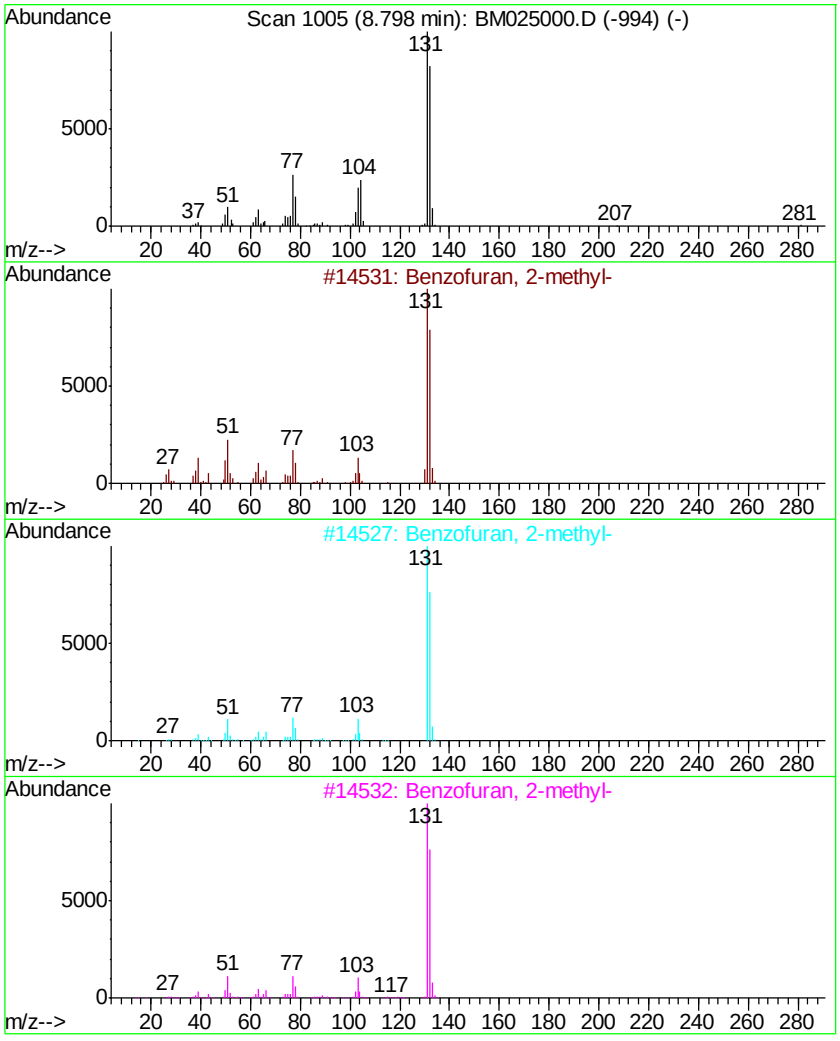
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

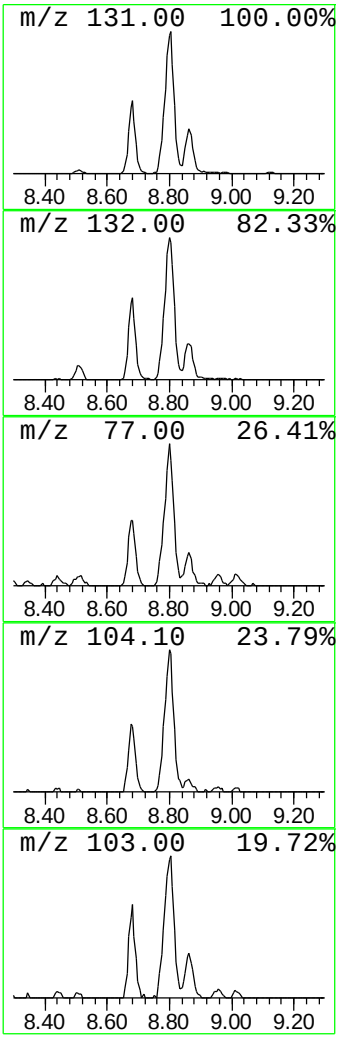
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	11.21 ng/ul	631077	Naphthalene-d8	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
5	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	86





Library Search Compound Report

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Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

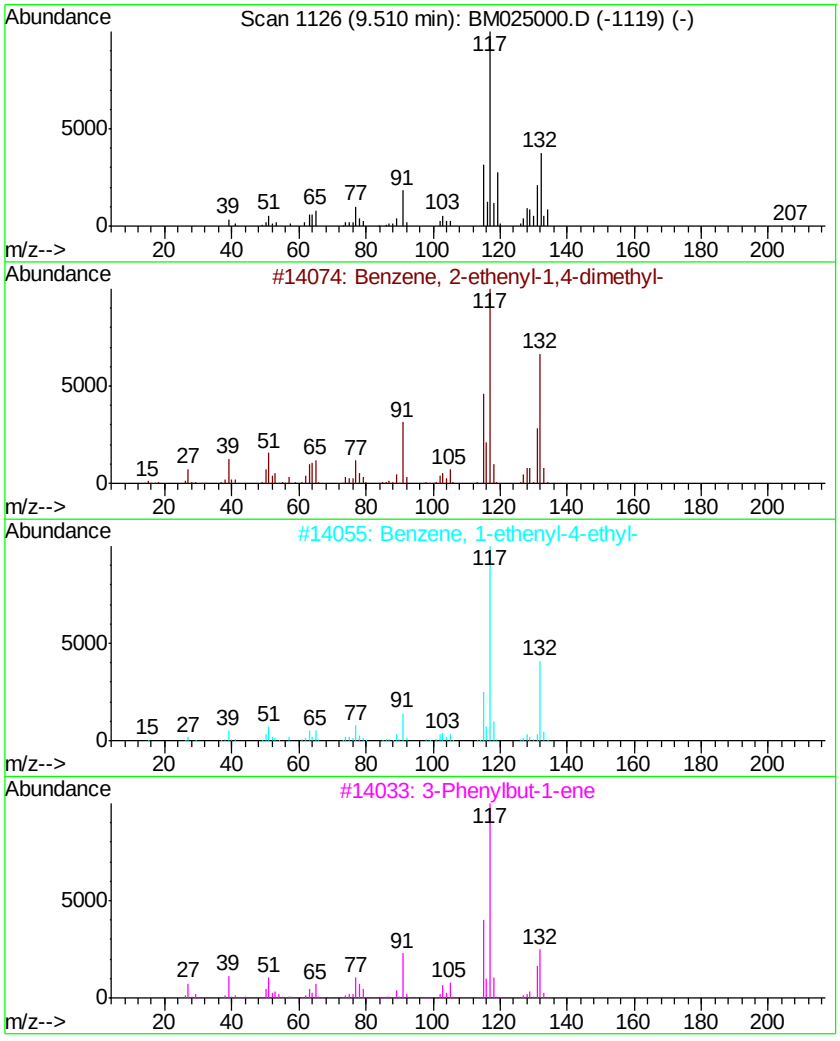
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

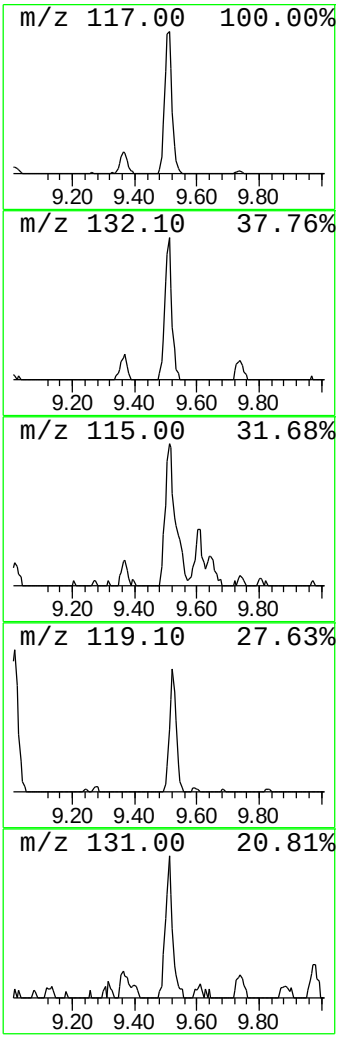
****

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	4.41 ng/ul	248476	Naphthalene-d8	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

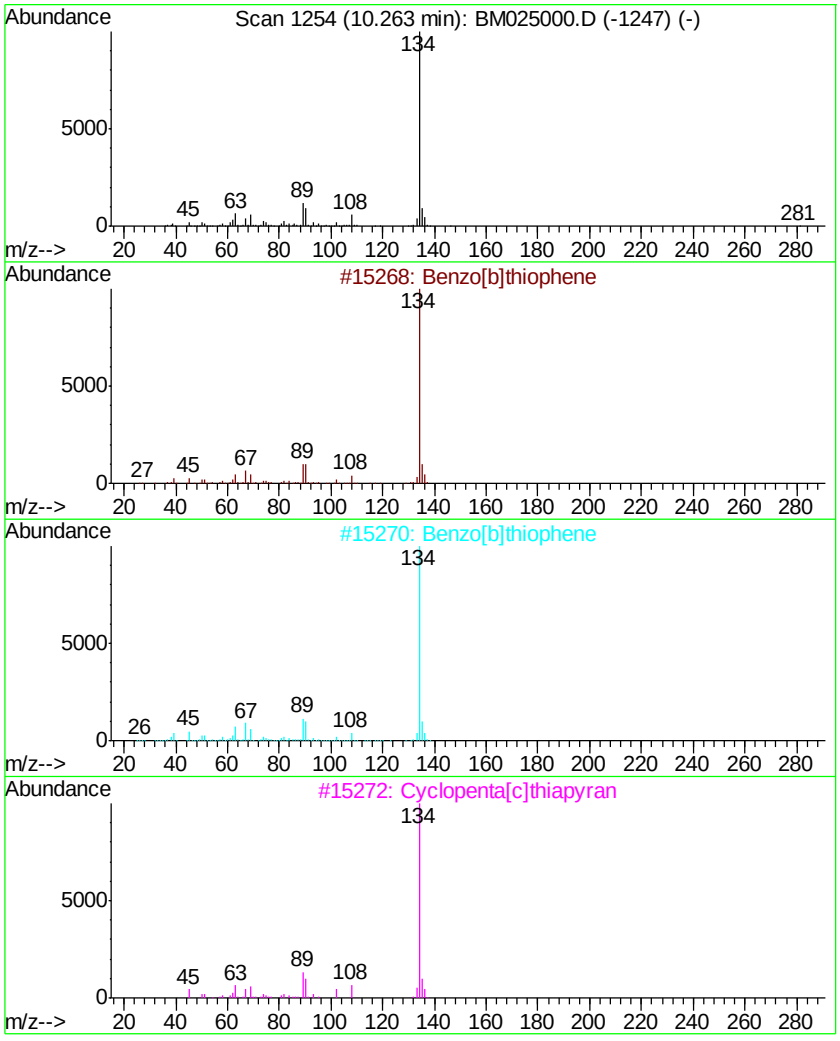
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

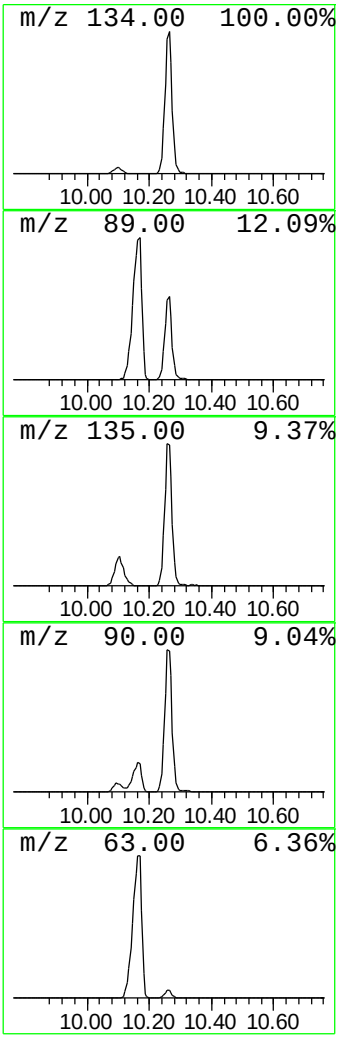
****

Peak Number 9 Benzo[b]thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	44.88 ng/ul	2525870	Naphthalene-d8	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

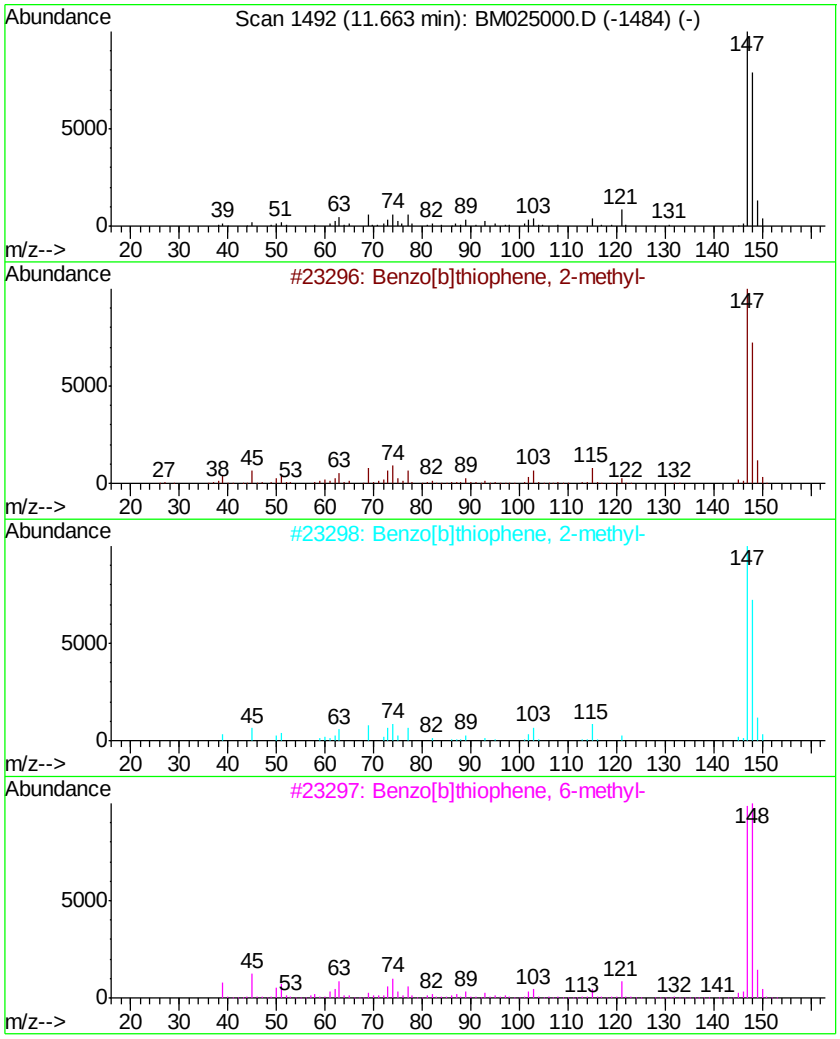
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

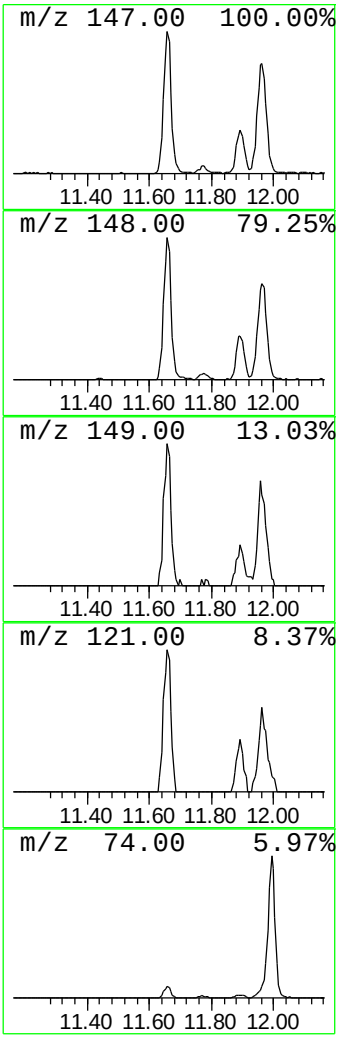
****

Peak Number 10 Benzo[b]thiophene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	5.48 ng/ul	308589	Naphthalene-d8	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

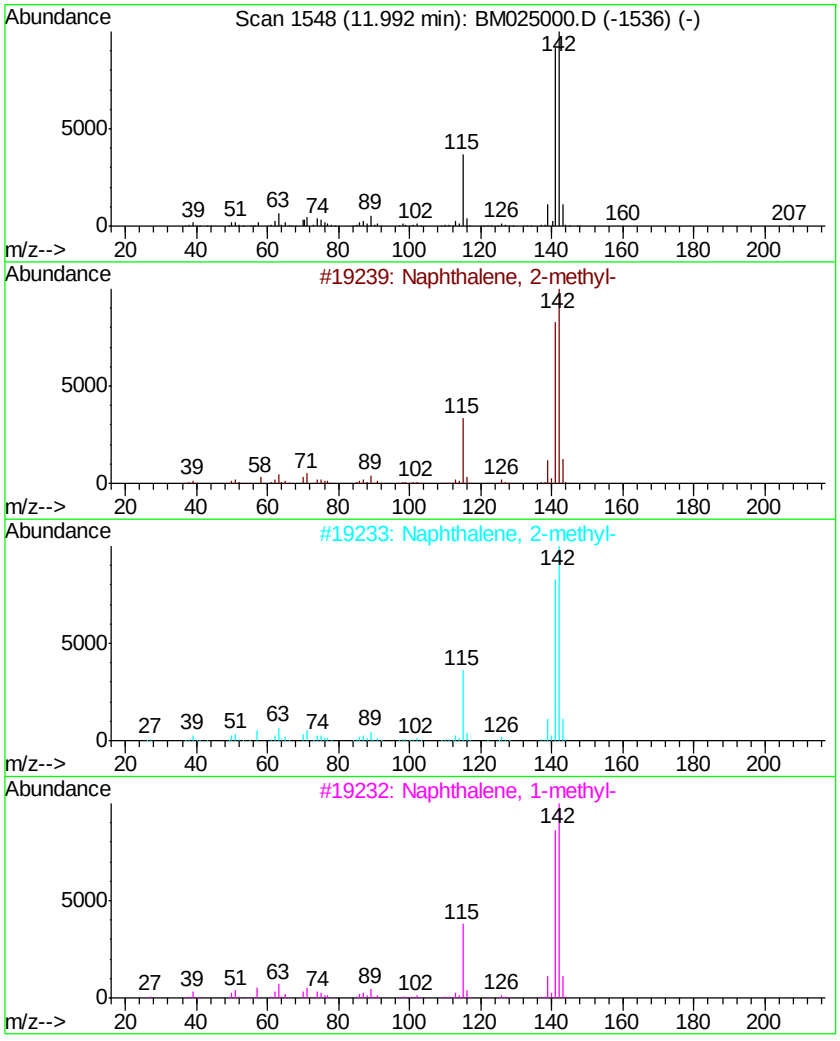
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

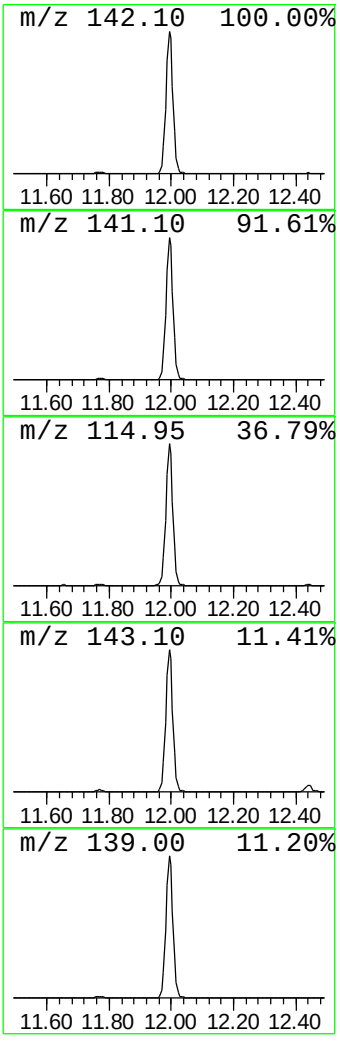
****

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	127.90 ng/ul	7198060	Naphthalene-d8	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
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





Library Search Compound Report

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Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

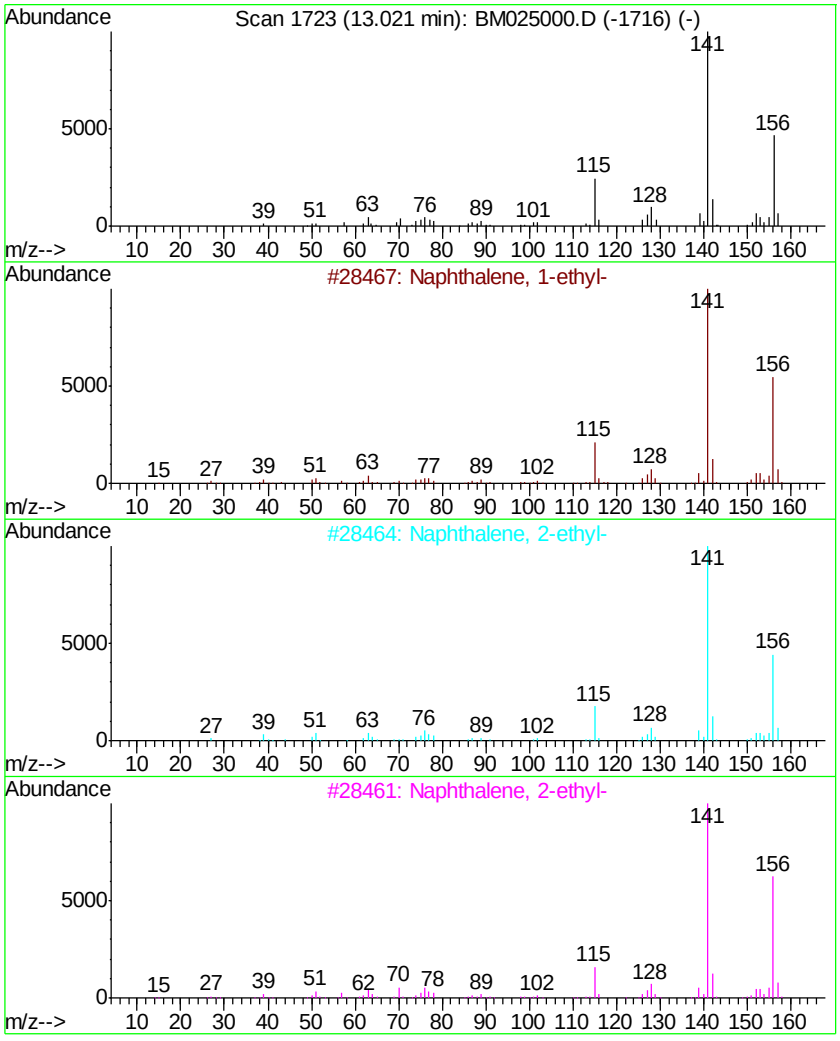
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

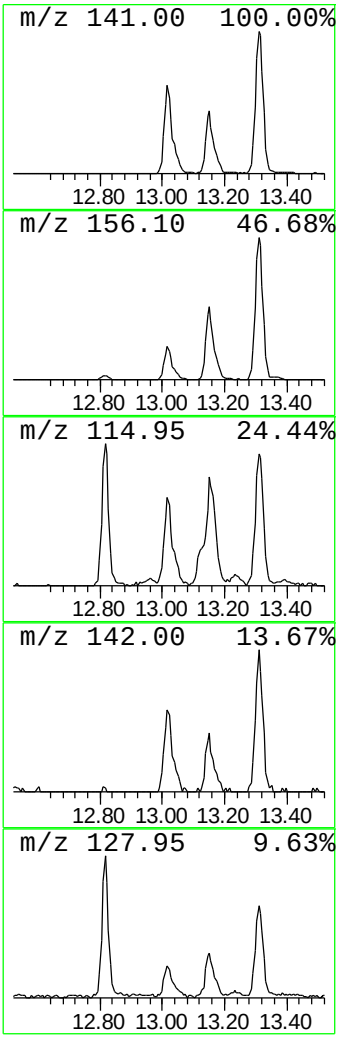
****

Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.77 ng/ul	369442	Acenaphthene-d10	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





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Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

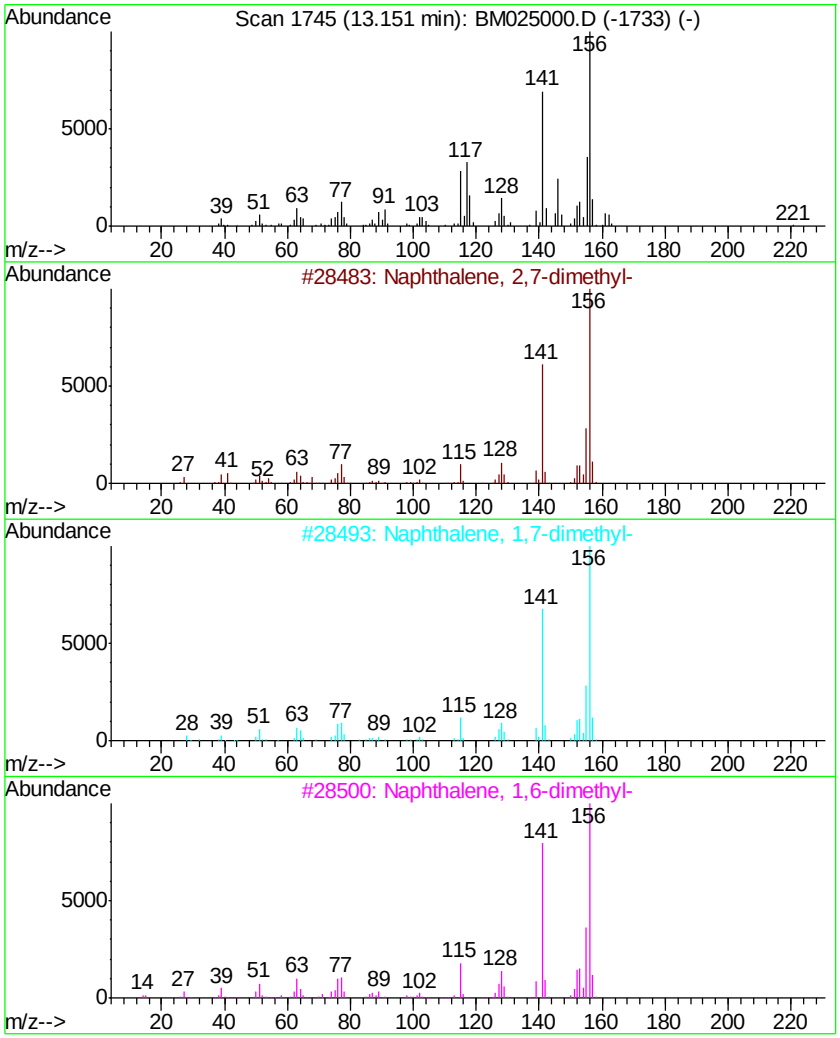
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

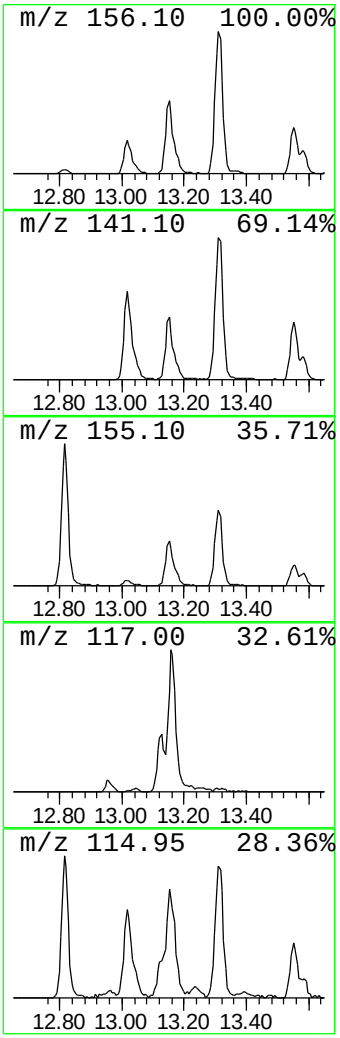
****

Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	8.30 ng/ul	812903	Acenaphthene-d10	13.99

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





Library Search Compound Report

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Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

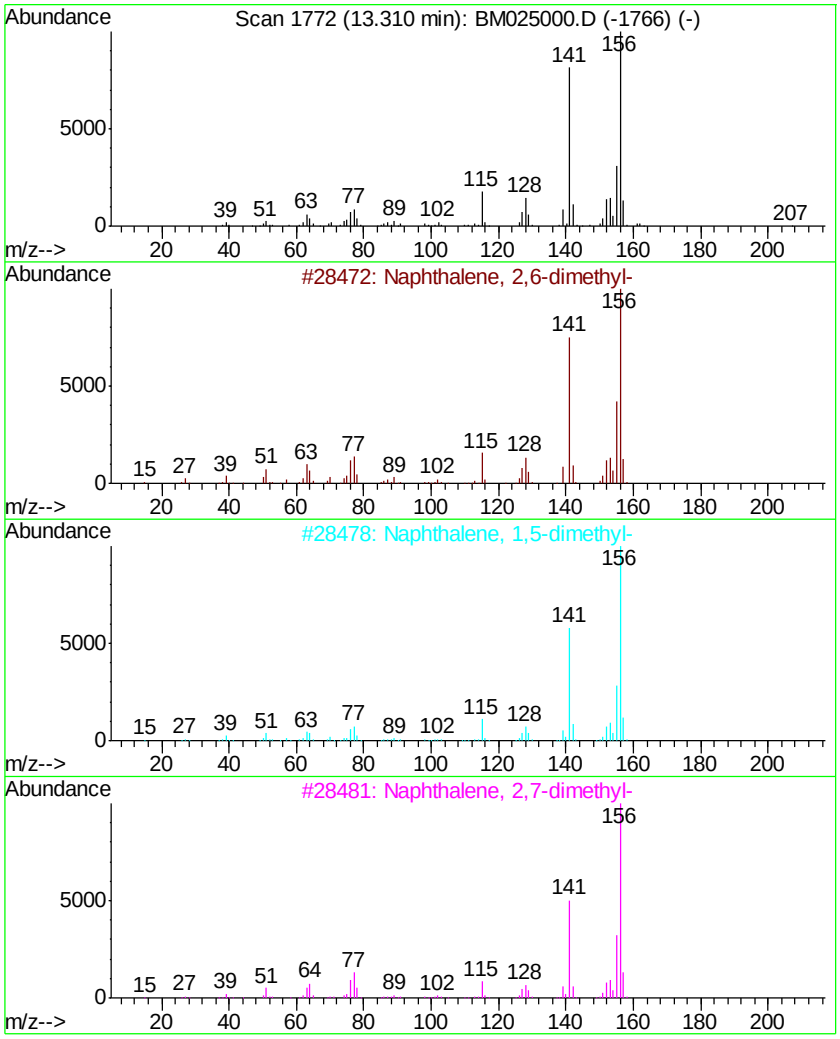
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

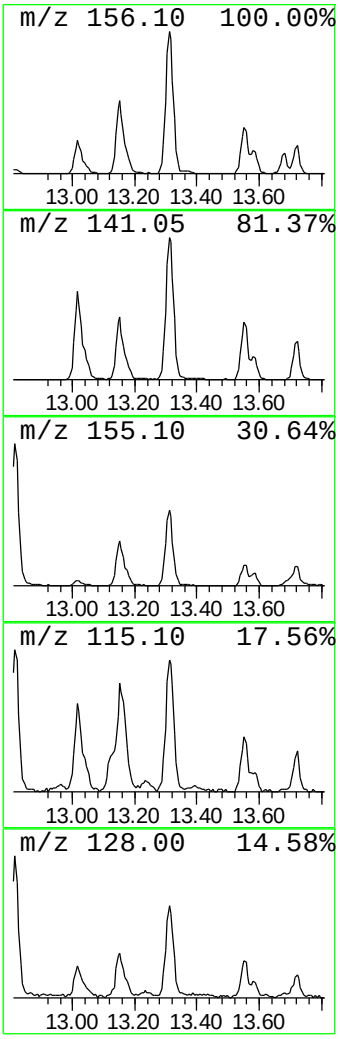
****

Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	8.70 ng/ul	852383	Acenaphthene-d10	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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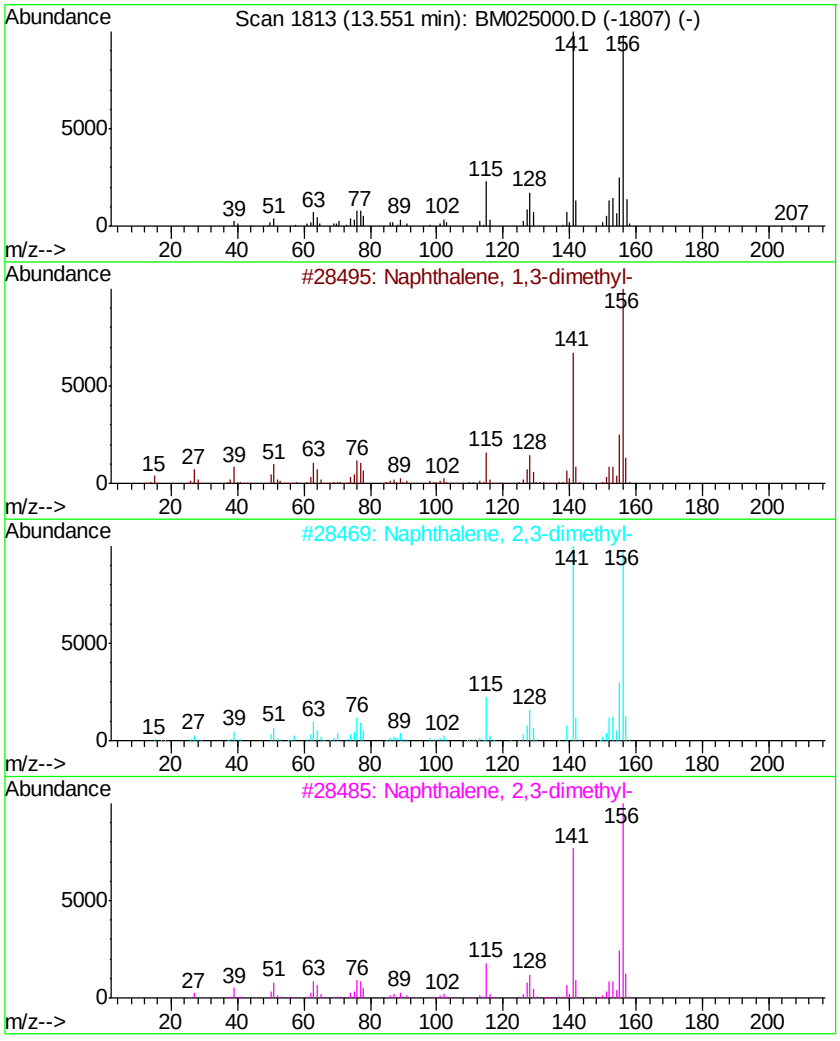
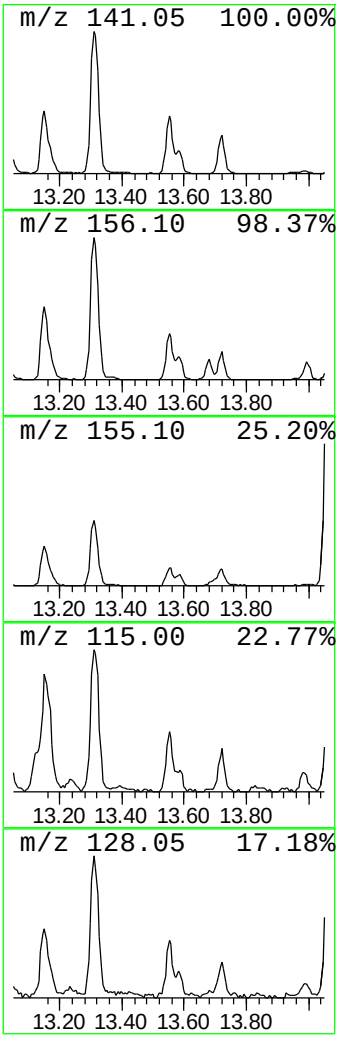
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.71 ng/ul	265174	Acenaphthene-d10	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Library Search Compound Report

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Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 16 1-Naphthalenecarbonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	11.49 ng/ul	1125400	Acenaphthene-d10	13.99

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	95
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
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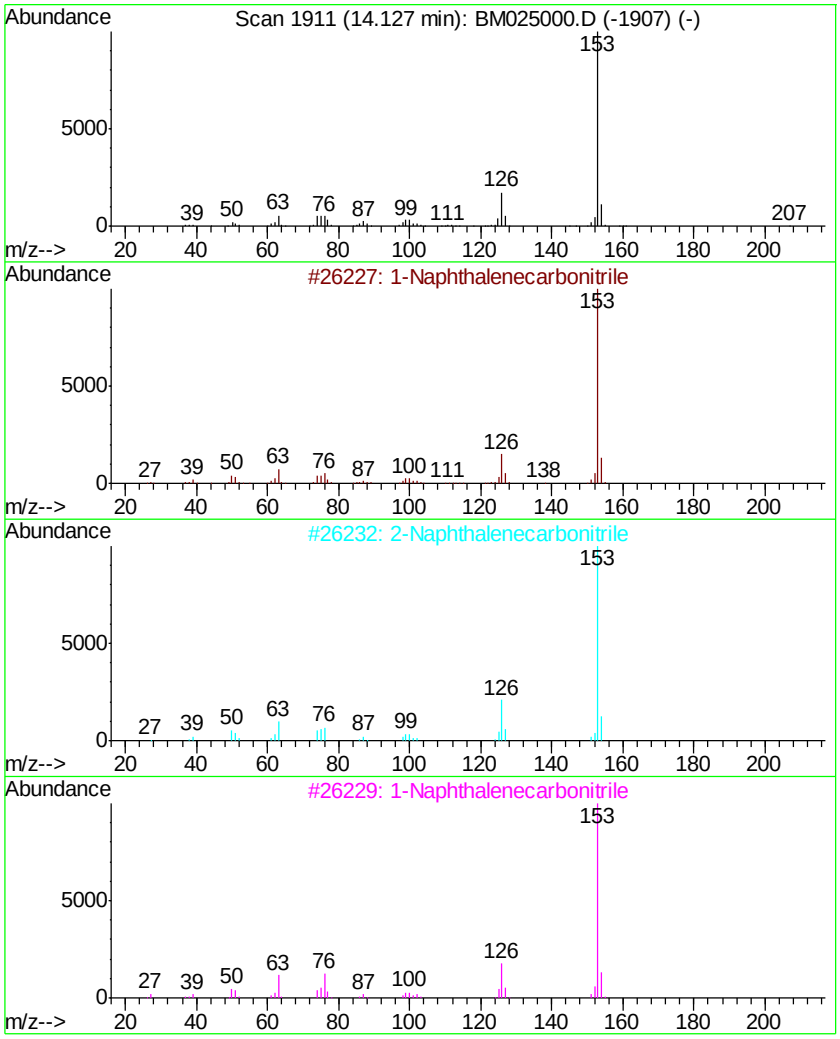

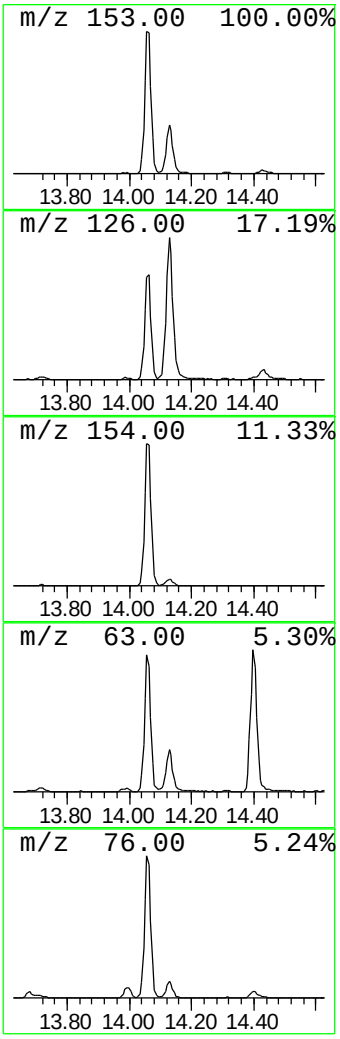

Library Search Compound Report

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Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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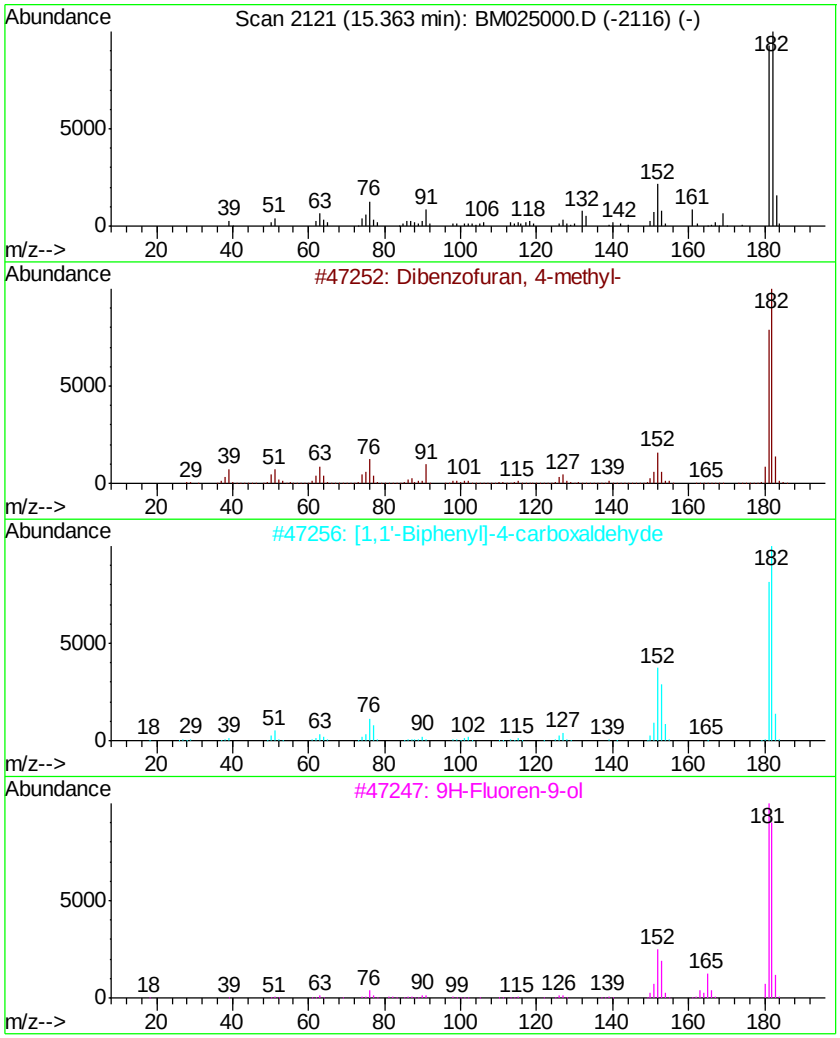
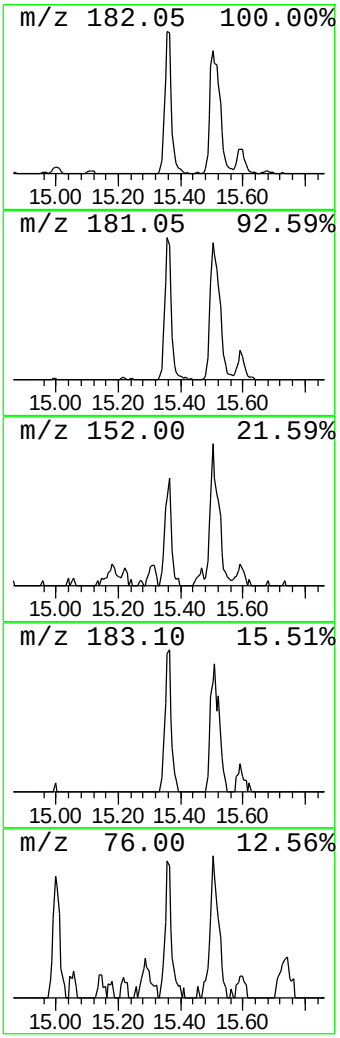
Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.30 ng/ul	225022	Acenaphthene-d10	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





Library Search Compound Report

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Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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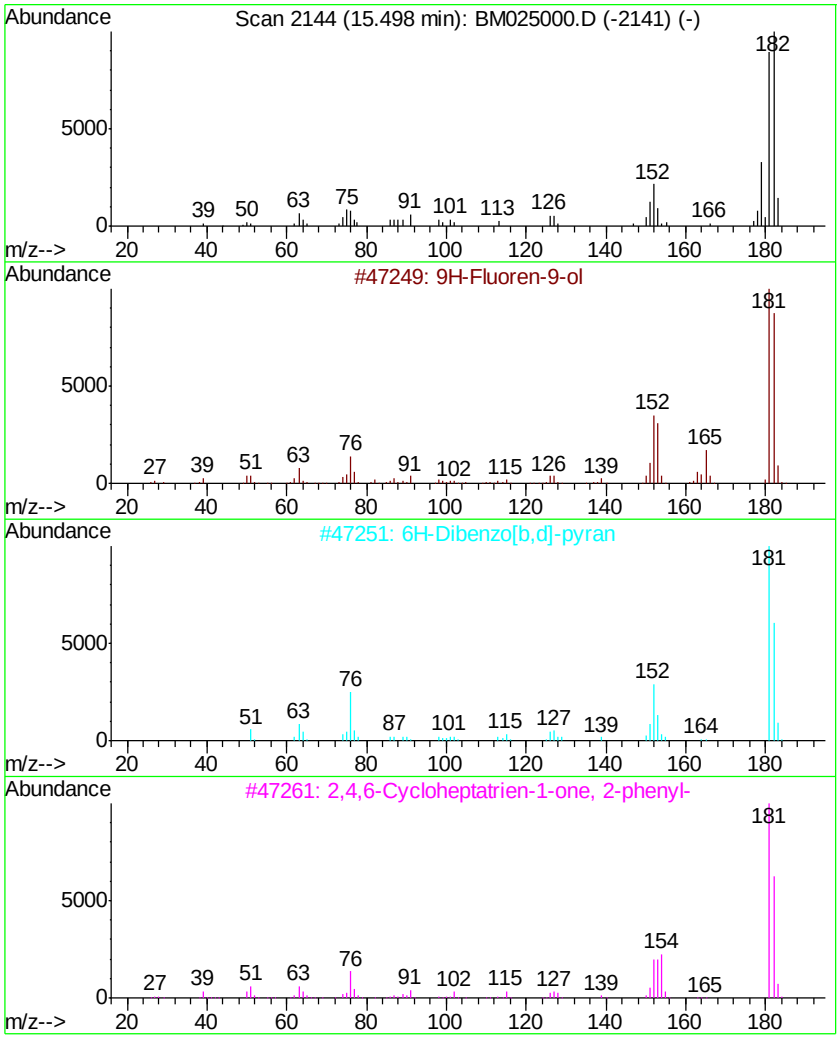
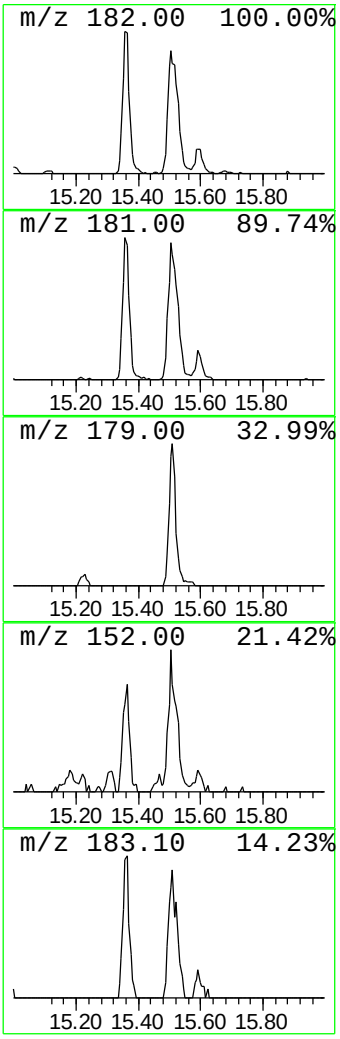
Peak Number 18 9H-Fluoren-9-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.52 ng/ul	276556	Phenanthrene-d10	16.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	76
2	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	76
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	60





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Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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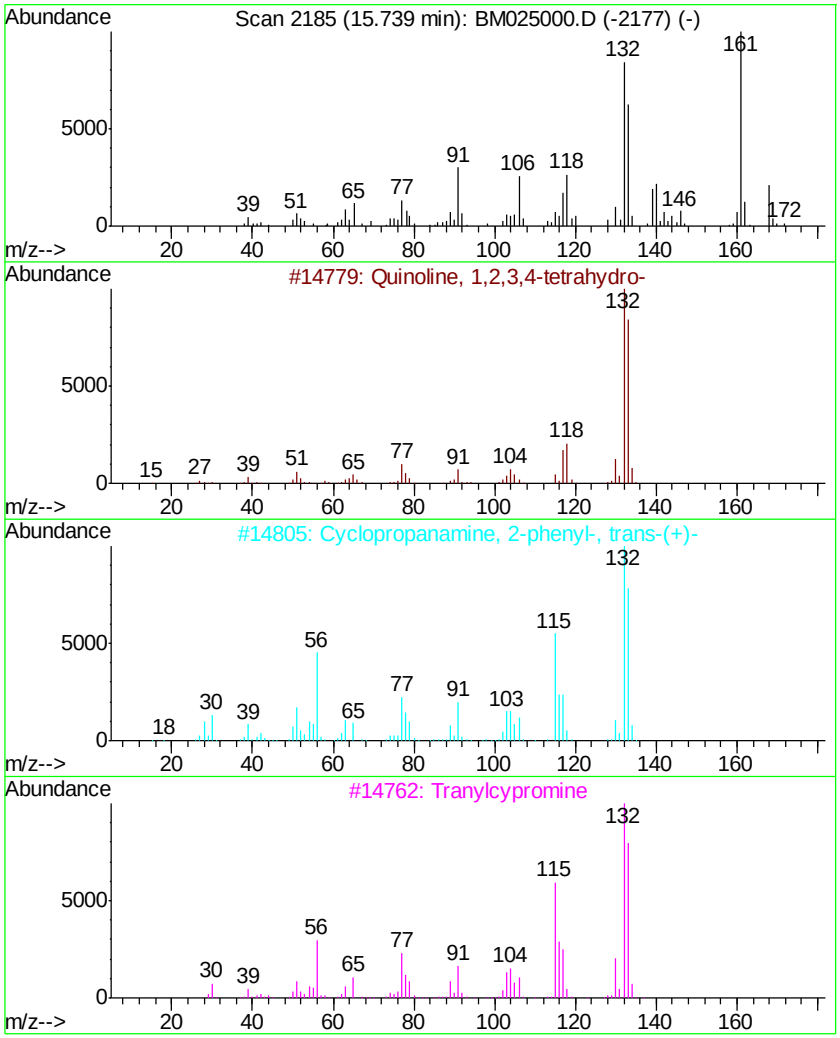
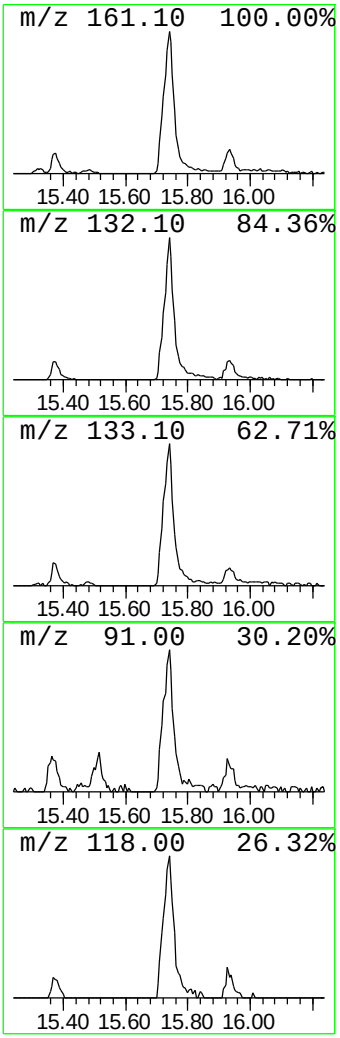
Peak Number 19 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	5.21 ng/ul	571714	Phenanthrene-d10	16.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	41
2	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	003721-28-6	38
3	Tranylcypromine	133	C9H11N	000155-09-9	38
4	2(1H)-Quinoxalinone, 7-amino-	161	C8H7N3O	1000338-39-0	38
5	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	38





Library Search Compound Report

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Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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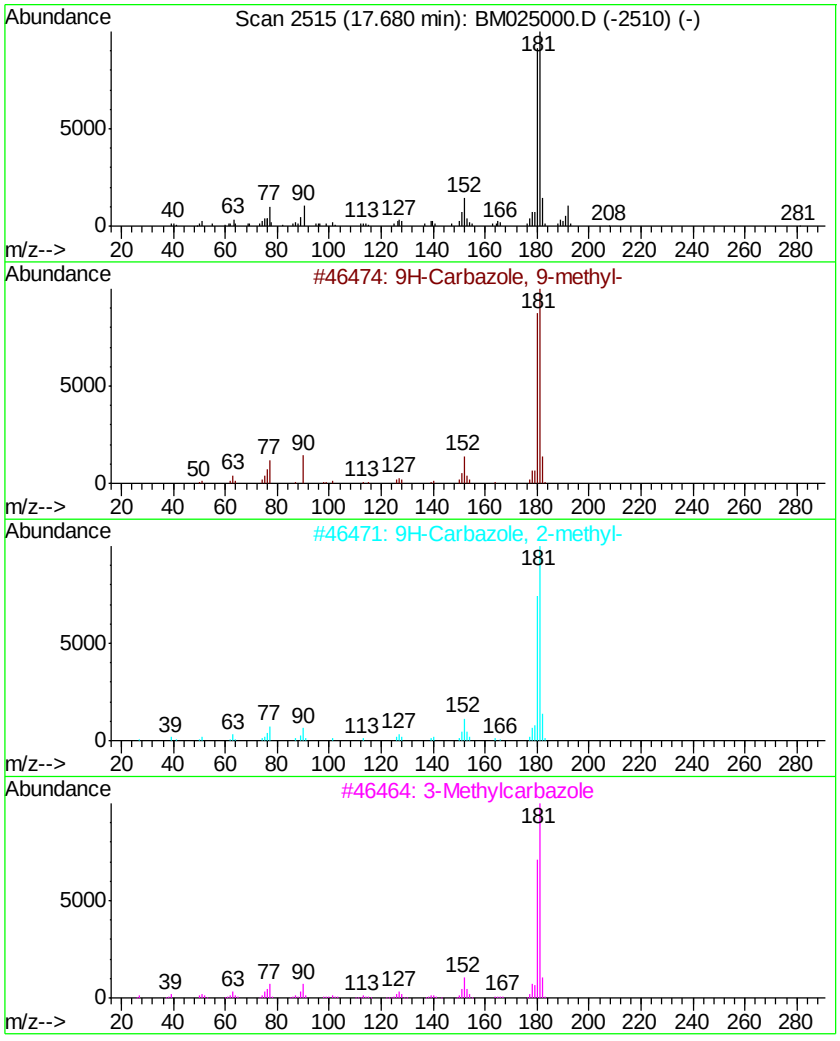
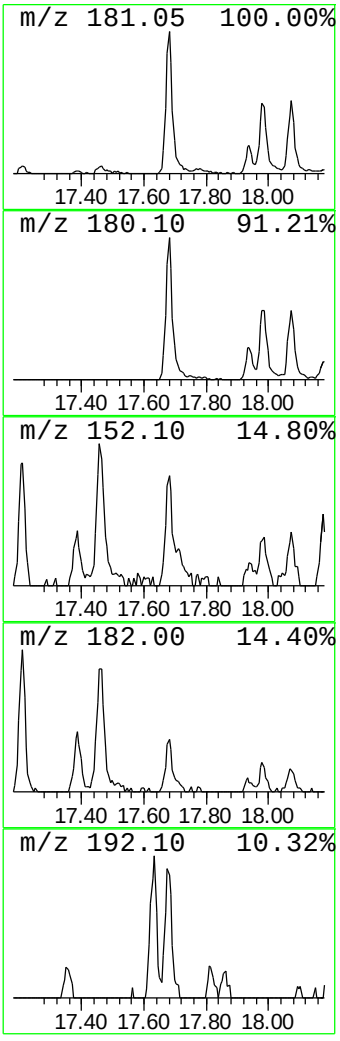
Peak Number 20 9H-Carbazole, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	2.44 ng/ul	268010	Phenanthrene-d10	16.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	96
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	95
3	3-Methylcarbazole	181	C13H11N	004630-20-0	95
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93
5	1-Methylcarbazole	181	C13H11N	006510-65-2	93





Tentatively Identified Compound (LSC) summary

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Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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...	7.00	12.9	ng/ul	538740	1	7.34	837673	20.0
Indane	7.70	3.8	ng/ul	160456	1	7.34	837673	20.0
Indene	7.86	20.4	ng/ul	853256	1	7.34	837673	20.0
Benzofuran, 7-met...	8.68	5.9	ng/ul	247518	1	7.34	837673	20.0
Benzofuran, 2-met...	8.80	11.2	ng/ul	631077	2	10.10	1125610	20.0
Benzene, 2-etheny...	9.51	4.4	ng/ul	248476	2	10.10	1125610	20.0
Benzo[b]thiophene	10.26	44.9	ng/ul	2525870	2	10.10	1125610	20.0
Benzo[b]thiophene...	11.66	5.5	ng/ul	308589	2	10.10	1125610	20.0
Naphthalene, 1-me...	11.99	127.9	ng/ul	7198060	2	10.10	1125610	20.0
Naphthalene, 1-et...	13.02	3.8	ng/ul	369442	3	13.99	1958530	20.0
Naphthalene, 2,7-...	13.15	8.3	ng/ul	812903	3	13.99	1958530	20.0
Naphthalene, 2,6-...	13.31	8.7	ng/ul	852383	3	13.99	1958530	20.0
Naphthalene, 1,3-...	13.55	2.7	ng/ul	265174	3	13.99	1958530	20.0
1-Naphthalenecarb...	14.13	11.5	ng/ul	1125400	3	13.99	1958530	20.0
Dibenzofuran, 4-m...	15.36	2.3	ng/ul	225022	3	13.99	1958530	20.0
9H-Fluoren-9-ol	15.50	2.5	ng/ul	276556	4	16.75	2194700	20.0
unknown-01	15.74	5.2	ng/ul	571714	4	16.75	2194700	20.0
9H-Carbazole, 9-m...	17.68	2.4	ng/ul	268010	4	16.75	2194700	20.0