LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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	4.975	350	355	362	rVB	35125	57360	0.13%	0.049%
2	5.098	371	376	385	rBV	68216	150675	0.34%	0.128%
3	5.457	430	437	444	rBV	42274	73405	0.17%	0.062%
4	6.510	611	616	621	rBV	46748	73675	0.17%	0.063%
5	6.640	634	638	644	rVB	57725	91989	0.21%	0.078%
6	6.751	650	657	662	rBV	70822	119083	0.27%	0.101%
7	6.934	683	688	697	rBV	72121	125592	0.29%	0.107%
8	7.051	703	708	714	rVV	150129	225365	0.51%	0.192%
9	7.116	714	719	726	rVB	62816	98697	0.22%	0.084%
10	7.387	759	765	780	rBV	991552	1645320	3.75%	1.400%
11	7.504	780	785	793	rVB	60255	100576	0.23%	0.086%
12	7.757	821	828	836	rBV	650757	1018256	2.32%	0.866%
13	7.916	845	855	865	rBV	1164706	1847426	4.21%	1.572%
14	8.110	883	888	897	rVB	45452	81426	0.19%	0.069%
15	8.528	955	959	971	rVB3	77874	177113	0.40%	0.151%
16	8.728	987	993	1001	rVB	141406	228602	0.52%	0.195%
17	8.851	1004	1014	1020	rBV	331317	707794	1.61%	0.602%
18	8.910	1020	1024	1030	rVB	101808	156563	0.36%	0.133%
19	9.245	1075	1081	1089	rBV	58822	101024	0.23%	0.086%
20	9.410	1104	1109	1120	rVB	56814	92718	0.21%	0.079%
21	9.563	1126	1135	1145	rBV4	125525	284790	0.65%	0.242%
22	9.657	1145	1151	1155	rBV3	29463	65416	0.15%	0.056%
23	9.781	1163	1172	1183	rBV	92335	186111	0.42%	0.158%
24	10.145	1226	1234	1237	rVV	1167042	2218825	5.05%	1.888%
25	10.204	1237	1244	1255	rVV	24506219	43919340	100.00%	37.370%
26	10.304	1255	1261	1275	rVB	1249806	2072402	4.72%	1.763%
27	11.539	1465	1471	1477	rBV3	29863	54330	0.12%	0.046%
28	11.704	1493	1499	1505	rVB	153252	247777	0.56%	0.211%
29	11.816	1510	1518	1527	rBV	4173076	6534643	14.88%	5.560%
30	11.933	1528	1538	1544	rVV	168472	329613	0.75%	0.280%
31	12.039	1544	1556	1569	rVB	3271065	5338078	12.15%	4.542%
32	12.480	1626	1631	1641	rVB	75077	123416	0.28%	0.105%
33	12.857	1686	1695	1709	rBV	1106154	1653086	3.76%	1.407%
34	13.057	1723	1729	1740	rVB2	204500	412412	0.94%	0.351%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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	13.198	1743	1753	1754	rBV3	226568	390756	0.89%	0.332%
36	13.351	1773	1779	1785	rBV	413738	718759	1.64%	0.612%
37	13.410	1785	1789	1793	rVV	267304	388821	0.89%	0.331%
38	13.463	1793	1798	1803	rVB	239509	342164	0.78%	0.291%
39	13.592	1814	1820	1824	rBV	140126	230238	0.52%	0.196%
40	13.627	1824	1826	1833	rVV	66409	72920	0.17%	0.062%
41	13.721	1836	1842	1845	rVV	269676	384412	0.88%	0.327%
42	13.757	1845	1848	1856	rVB2	127995	193460	0.44%	0.165%
43	14.033	1888	1895	1901	rBV	1961909	3053222	6.95%	2.598%
44	14.098	1901	1906	1913	rVV	3774375	5534101	12.60%	4.709%
45	14.168	1913	1918	1929	rVB	1380069	1975057	4.50%	1.681%
46	14.351	1942	1949	1955	rVB4	45678	78323	0.18%	0.067%
47	14.439	1958	1964	1975	rBV2	3037439	5212832	11.87%	4.435%
48	14.763	2015	2019	2026	rVB	54905	91917	0.21%	0.078%
49	15.039	2061	2066	2070	rVV	374099	501365	1.14%	0.427%
50	15.098	2070	2076	2083	rVB	1791403	2567952	5.85%	2.185%
51	15.186	2086	2091	2095	rBV3	58416	107921	0.25%	0.092%
52	15.257	2100	2103	2111	rVV3	104690	188095	0.43%	0.160%
53	15.345	2111	2118	2122	rVV6	53874	104442	0.24%	0.089%
54	15.398	2122	2127	2136	rVV3	188244	336174	0.77%	0.286%
55	15.504	2140	2145	2148	rVV	159863	221105	0.50%	0.188%
56	15.545	2148	2152	2160	rVV	194414	364488	0.83%	0.310%
57	15.774	2185	2191	2200	rBV	661726	1008933	2.30%	0.858%
58	15.962	2219	2223	2226	rVV3	31675	53119	0.12%	0.045%
59	15.998	2226	2229	2236	rVV	98158	146663	0.33%	0.125%
60	16.086	2236	2244	2252	rVB2	103012	208264	0.47%	0.177%
61	16.168	2252	2258	2267	rVB3	39066	79876	0.18%	0.068%
62	16.310	2276	2282	2294	rVB	166727	314988	0.72%	0.268%
63	16.445	2297	2305	2313	rBV2	223729	478212	1.09%	0.407%
64	16.609	2323	2333	2338	rBV	169799	265841	0.61%	0.226%
65	16.792	2353	2364	2368	rBV	2503769	3649885	8.31%	3.106%
66	16.833	2368	2371	2376	rVV	1873166	2490686	5.67%	2.119%
67	16.892	2376	2381	2394	rVV3	528533	1153745	2.63%	0.982%
68	16.992	2394	2398	2401	rVV3	70734	110755	0.25%	0.094%
69	17.027	2401	2404	2413	rVB2	45254	84354	0.19%	0.072%
70	17.198	2426	2433	2439	rVV	2309088	3058953	6.96%	2.603%
71	17.245	2439	2441	2446	rVV	106504	145519	0.33%	0.124%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

72	17.309	2448	2452	2459	rVB4	29092	49813	0.11%	0.042%
73	17.421	2465	2471	2476	rVB3	47947	96937	0.22%	0.082%
74	17.498	2480	2484	2491	rVB3	64439	106313	0.24%	0.090%
75	17.715	2516	2521	2532	rVB	202413	335088	0.76%	0.285%
76	17.862	2540	2546	2551	rVB4	41981	66788	0.15%	0.057%
77	18.021	2568	2573	2583	rVV	91730	156284	0.36%	0.133%
78	18.109	2584	2588	2596	rVB	93629	142991	0.33%	0.122%
79	18.862	2712	2716	2721	rVB	41122	58394	0.13%	0.050%
80	19.198	2767	2773	2781	rBV	502946	697893	1.59%	0.594%
81	19.615	2840	2844	2850	rBV	49124	73024	0.17%	0.062%
82	19.680	2850	2855	2864	rBV	202170	346878	0.79%	0.295%
83	21.003	3075	3080	3092	rBV	3106151	3973309	9.05%	3.381%
84	22.974	3411	3415	3421	rVB	352503	562939	1.28%	0.479%
85	23.103	3431	3437	3445	rVB	2244183	3937561	8.97%	3.350%

Sum of corrected areas: 117525427

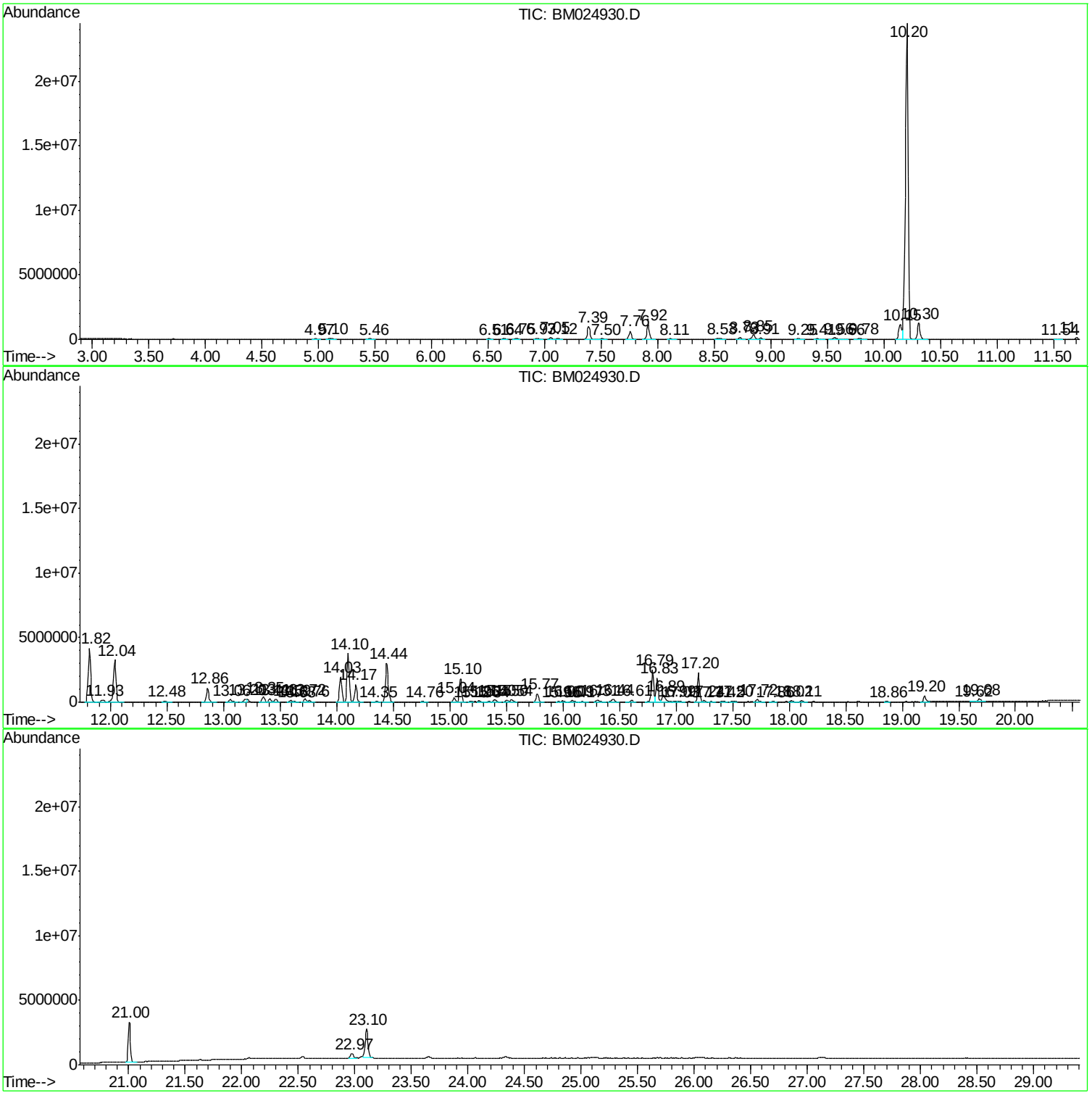
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

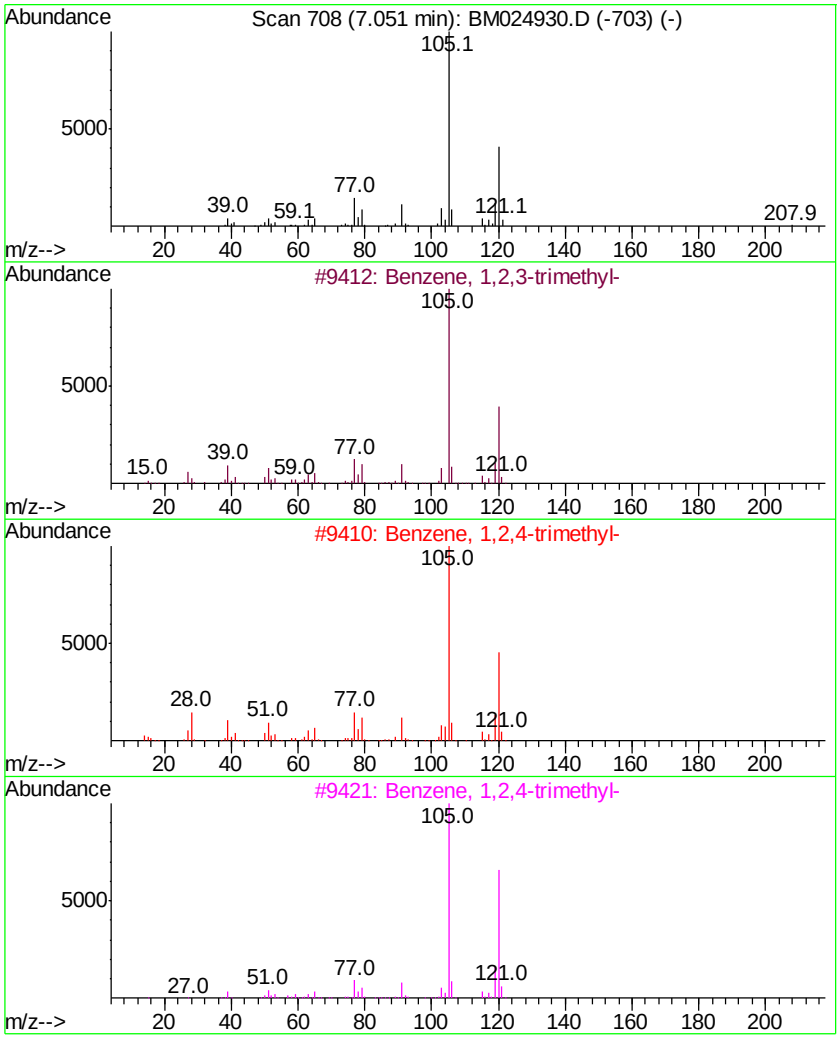
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

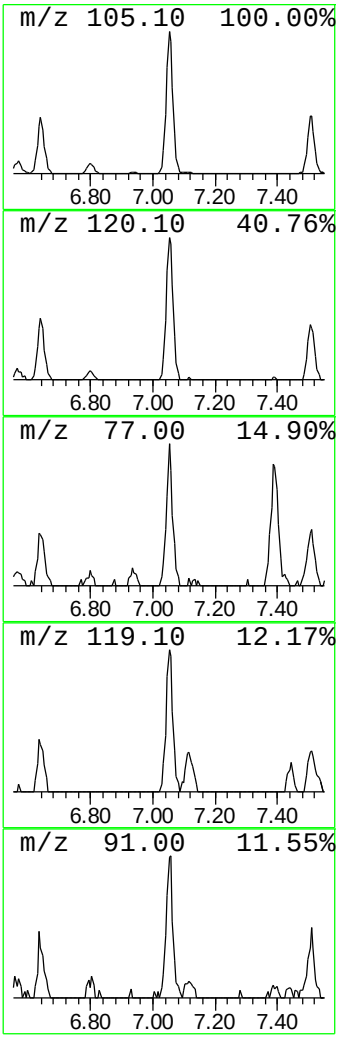
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	2.74 ng/ul	225365	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	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

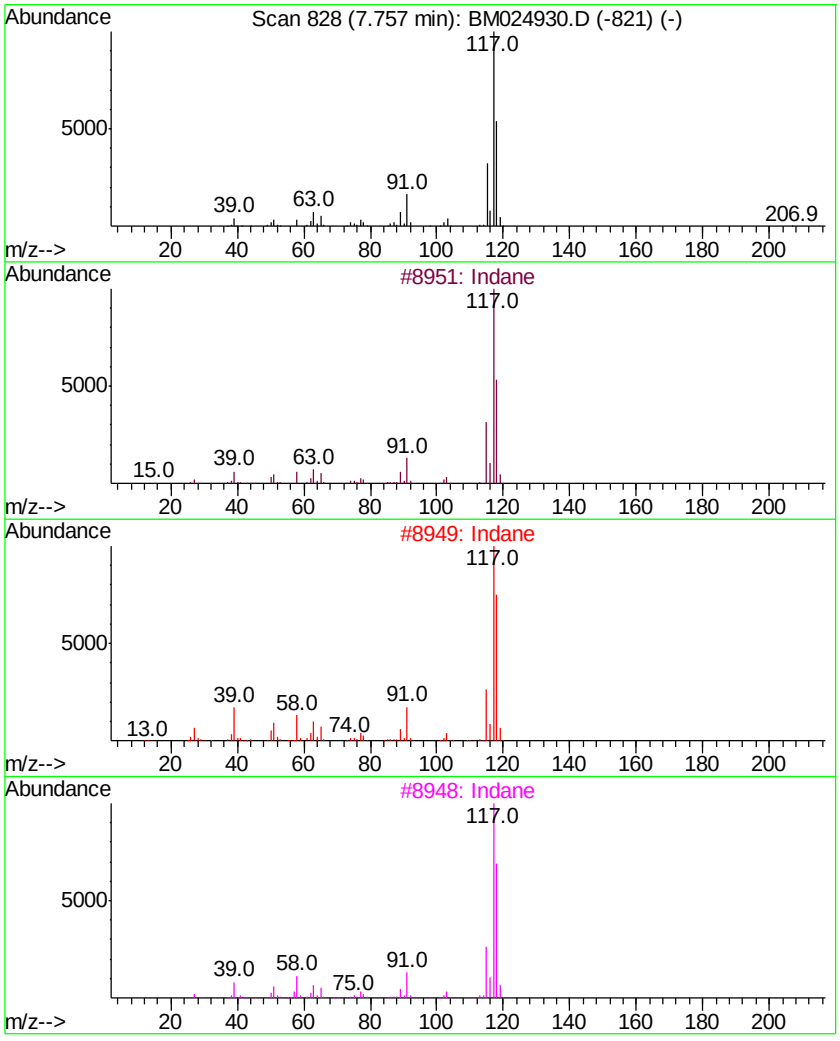
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

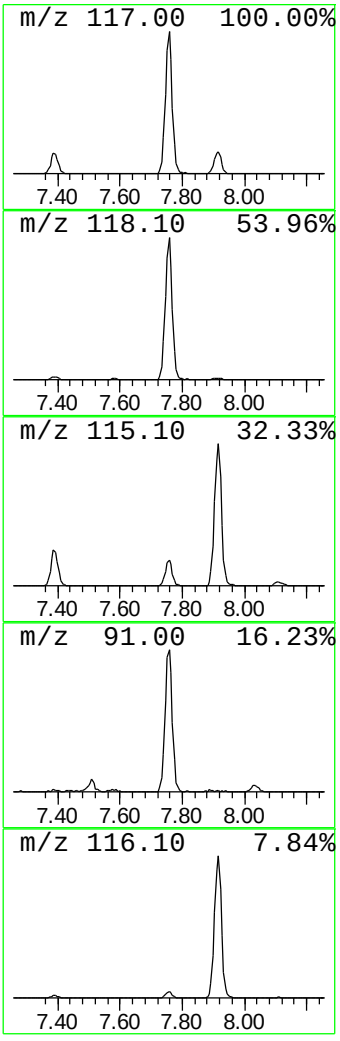
****

Peak Number 2 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	12.38 ng/ul	1018260	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Deltacyclene	118	C9H10	007785-10-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

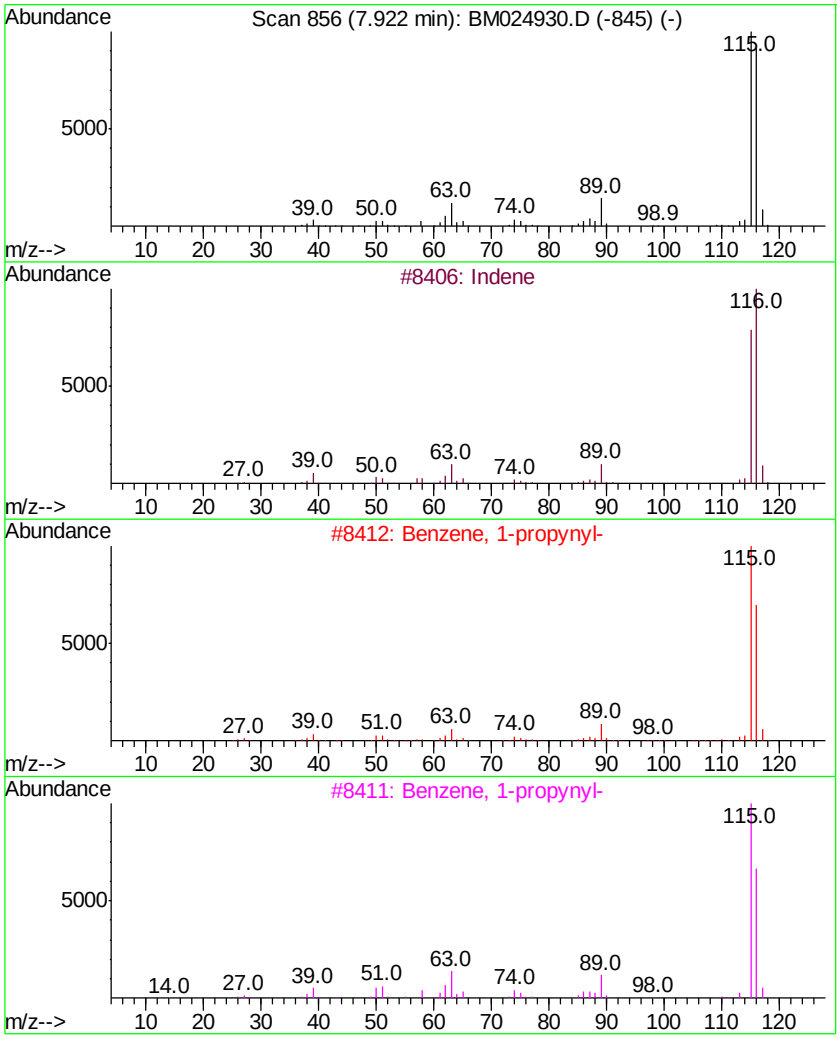
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

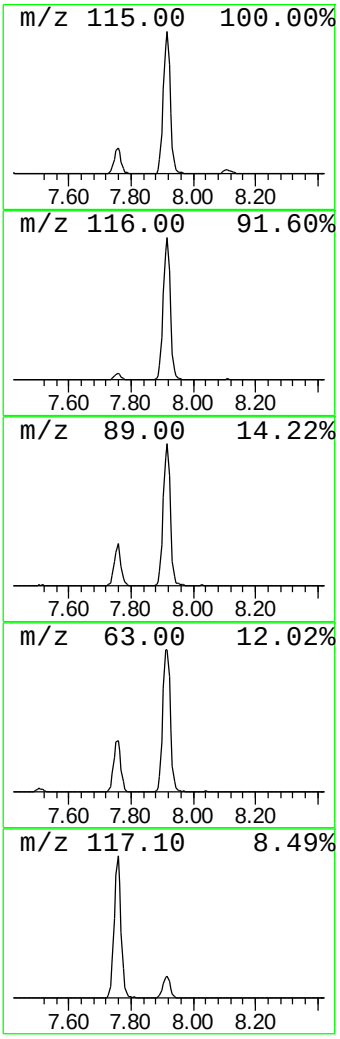
****

Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	22.46 ng/ul	1847430	1,4-Dichlorobenzene-d4	7.39

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	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

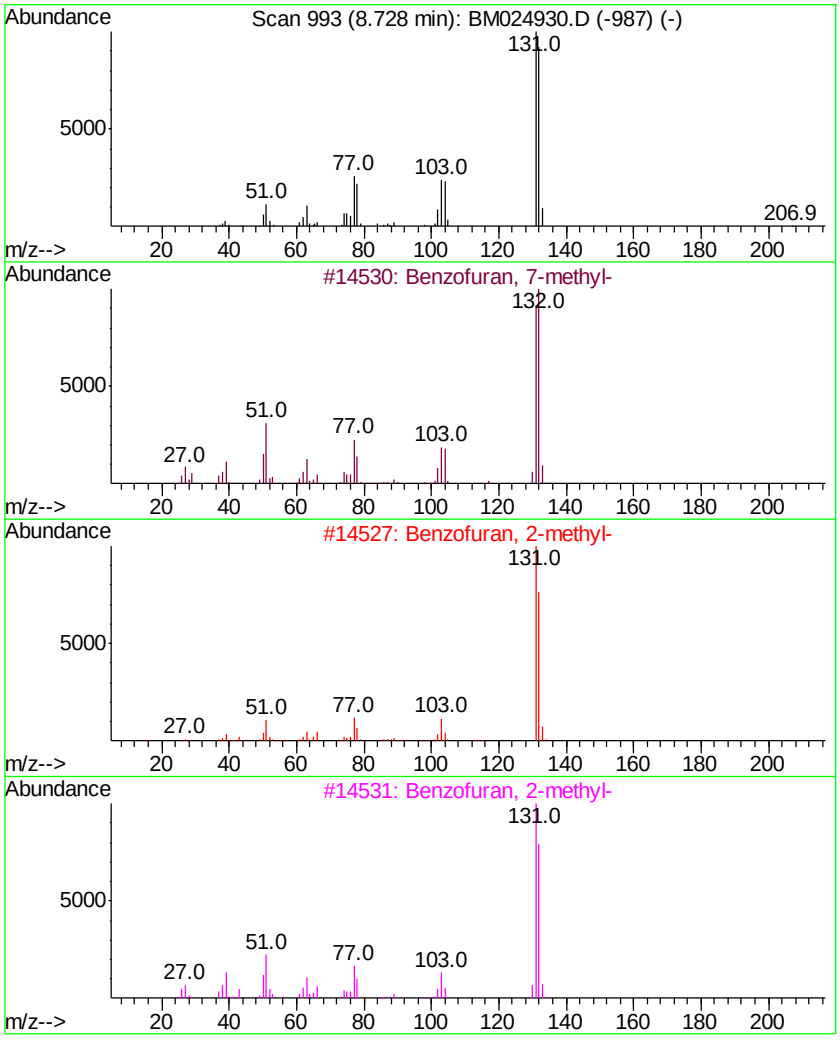
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

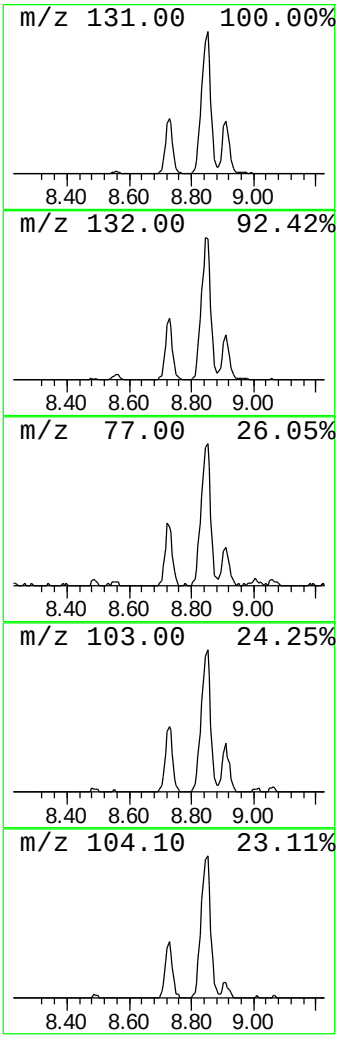
****

Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	2.78 ng/ul	228602	1,4-Dichlorobenzene-d4	7.39

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	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

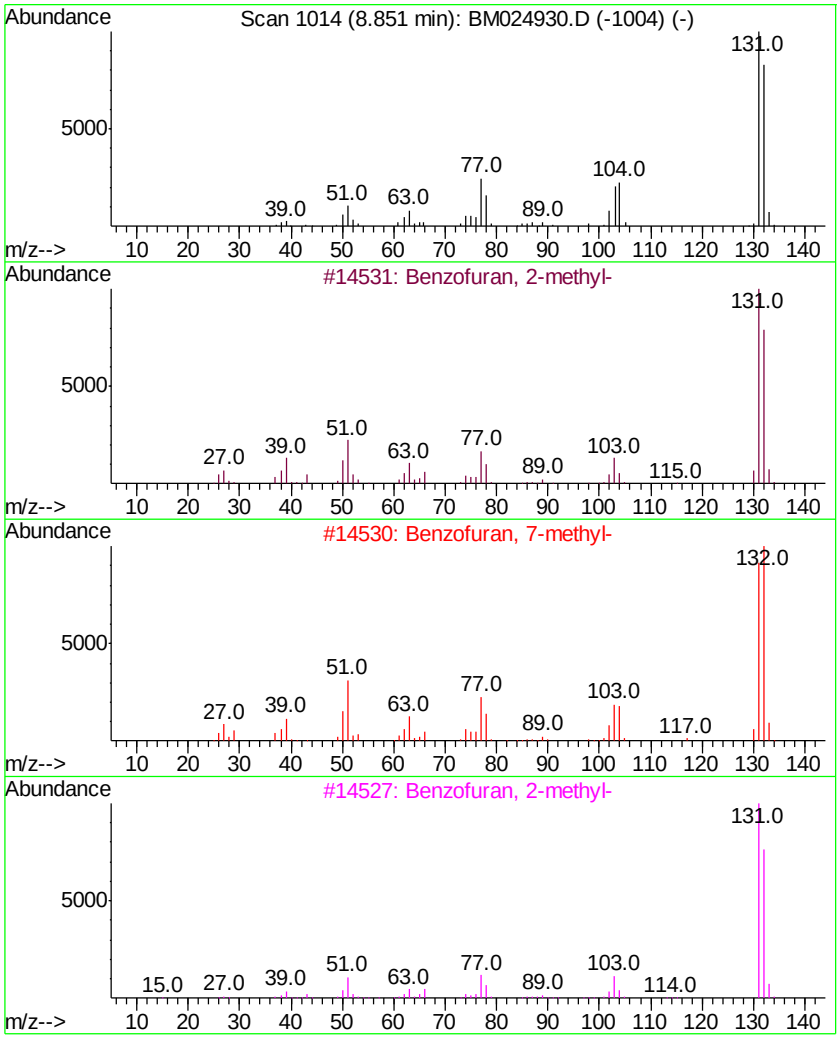
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

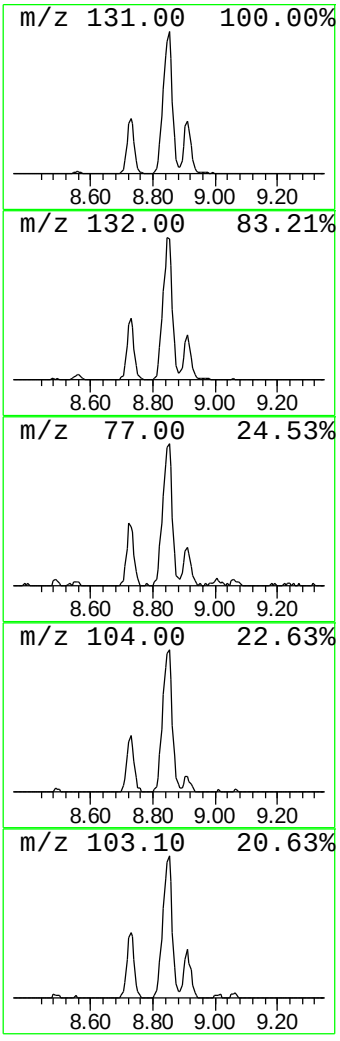
****

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	6.38 ng/ul	707794	Naphthalene-d8	10.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

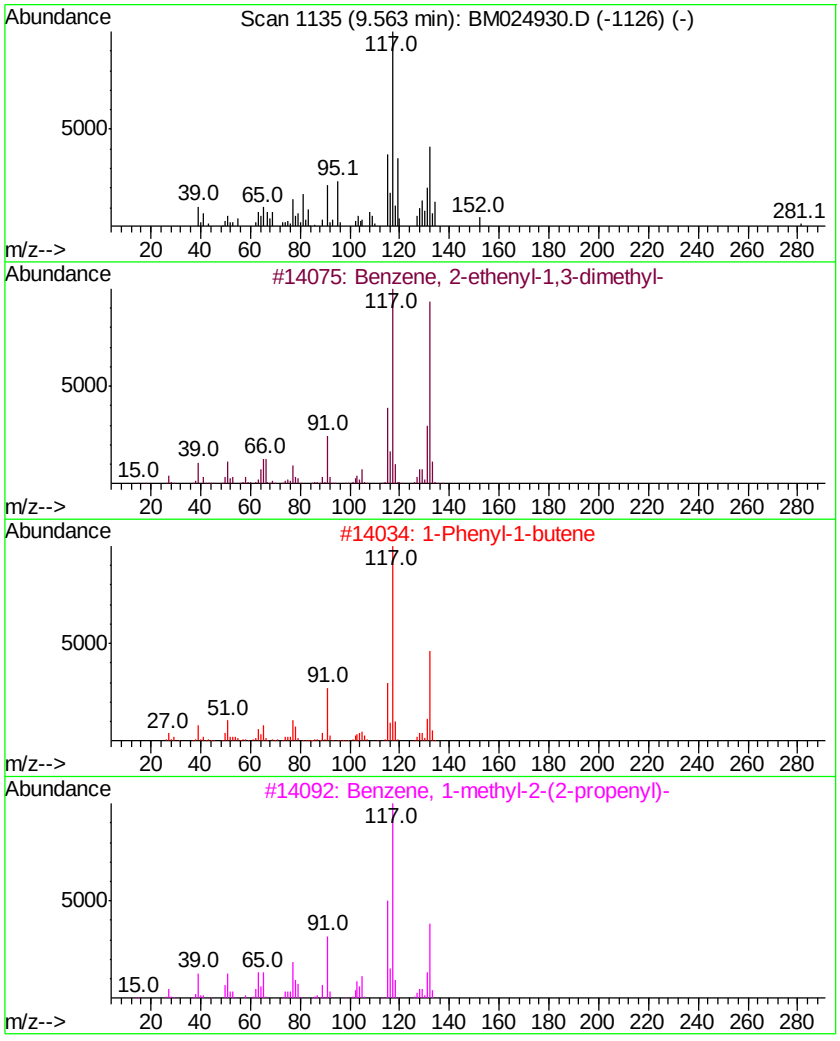
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

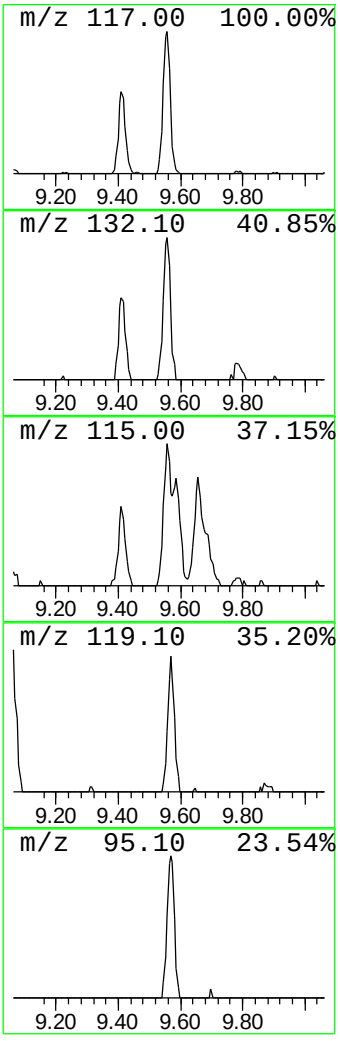
****

Peak Number 6 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	2.57 ng/ul	284790	Naphthalene-d8	10.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

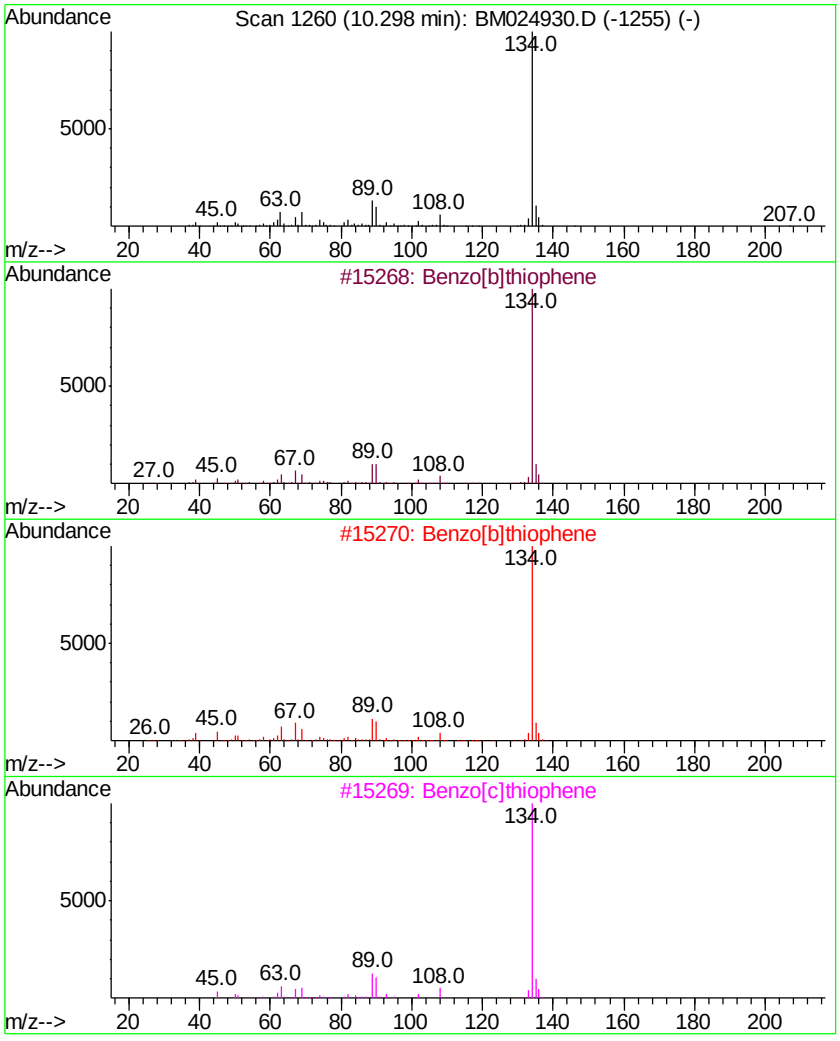
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

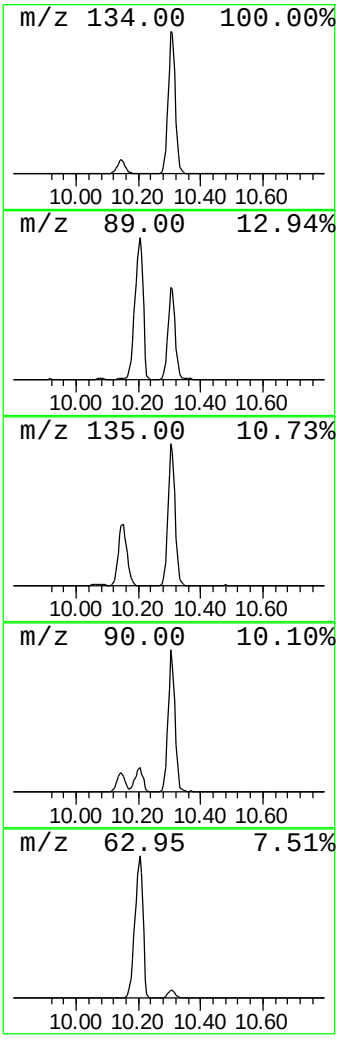
****

Peak Number 7 Benzo[b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	18.68 ng/ul	2072400	Naphthalene-d8	10.15

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	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

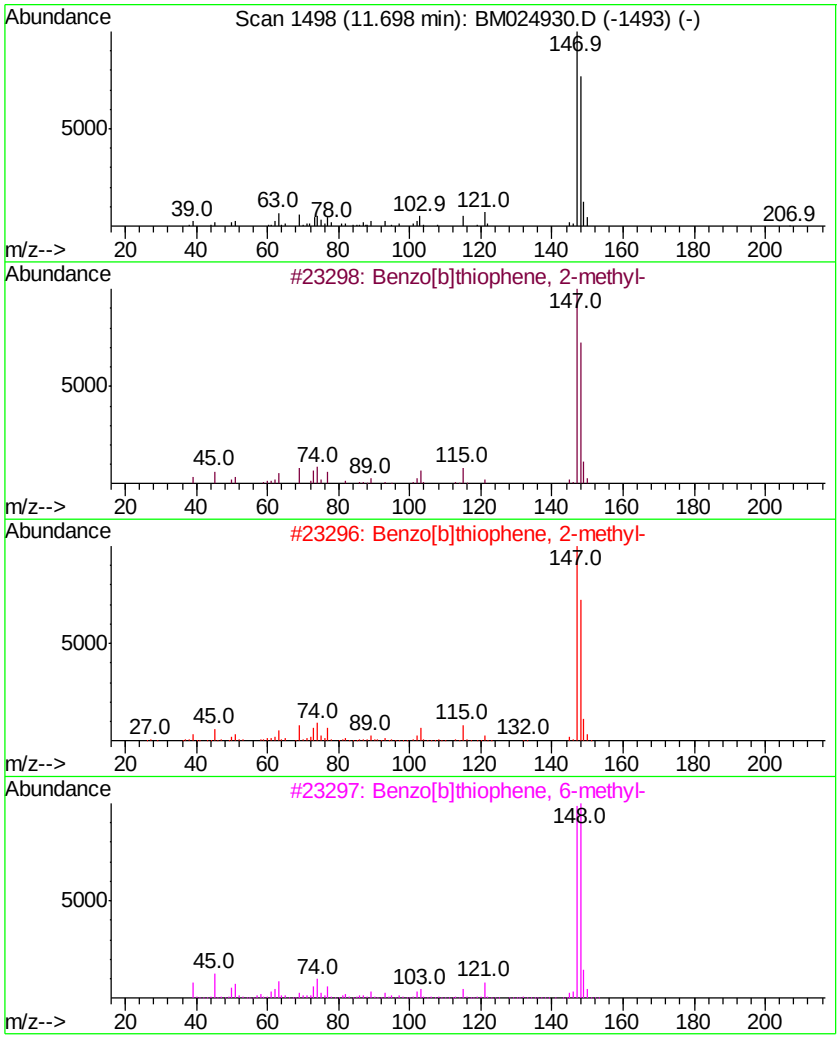
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

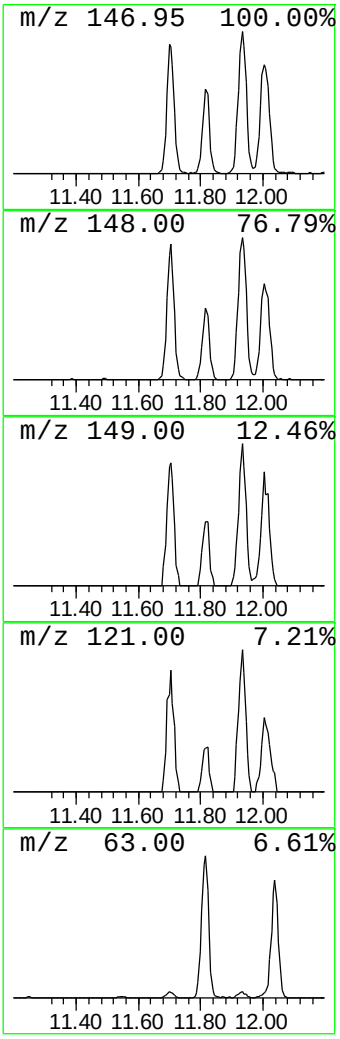
****

Peak Number 8 Benzo[b]thiophene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.23 ng/ul	247777	Naphthalene-d8	10.15

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, 4-methyl-	148	C9H8S	014315-11-8	91
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

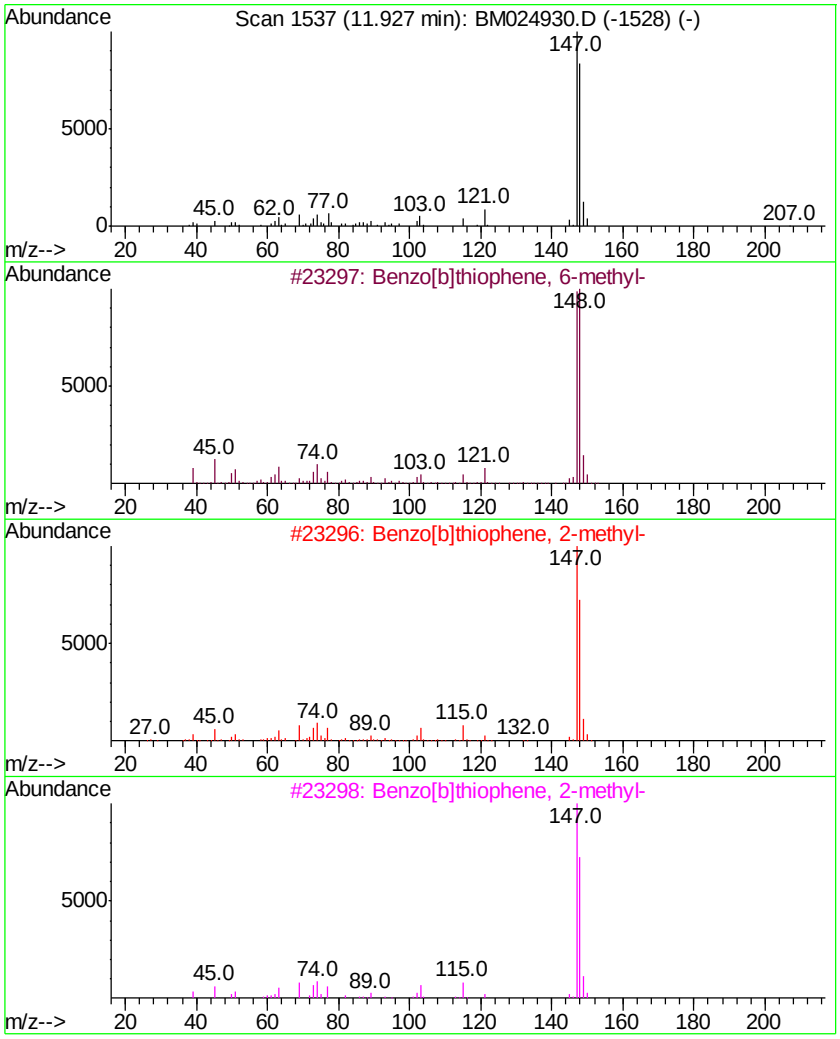
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

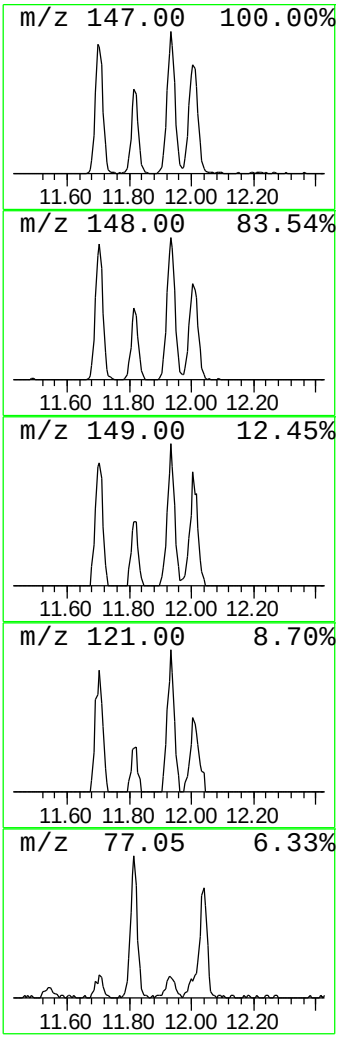
****

Peak Number 9 Benzo[b]thiophene, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.97 ng/ul	329613	Naphthalene-d8	10.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

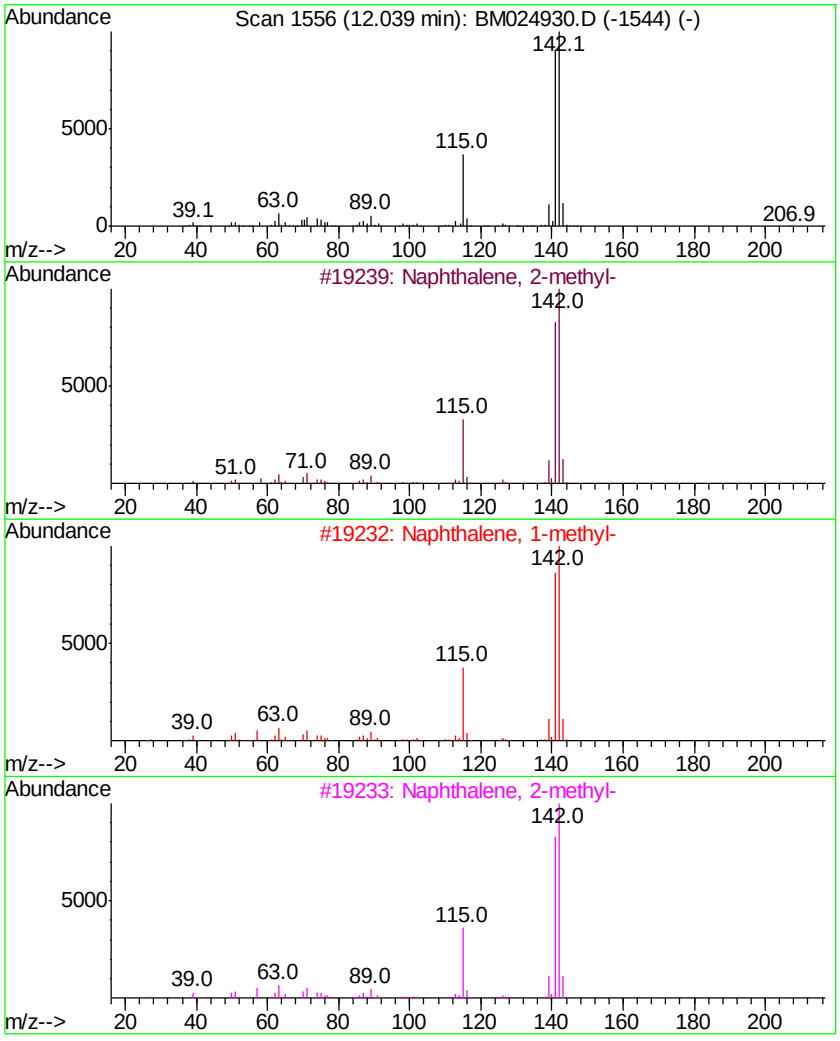
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

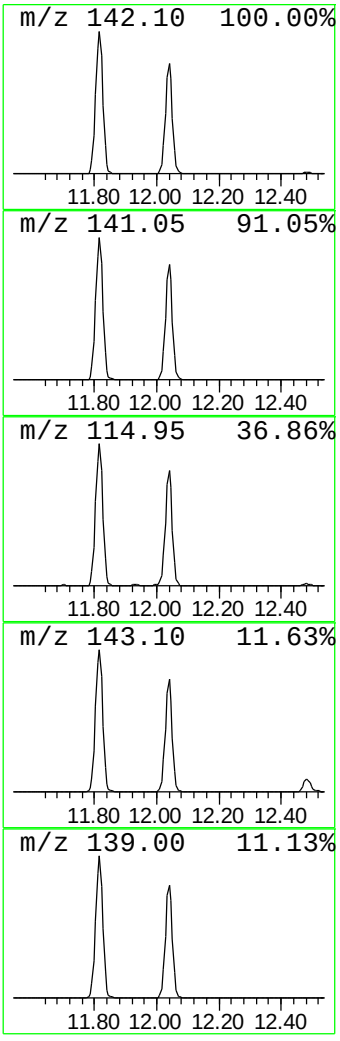
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	48.12 ng/ul	5338080	Naphthalene-d8	10.15

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

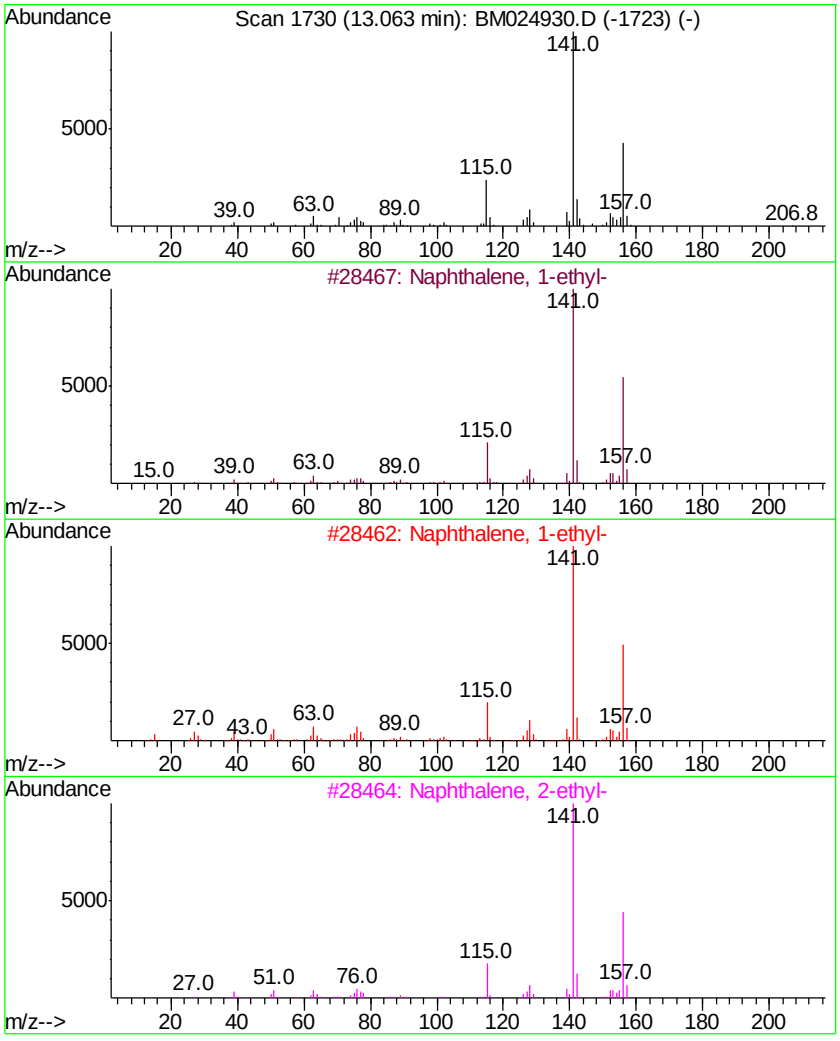
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

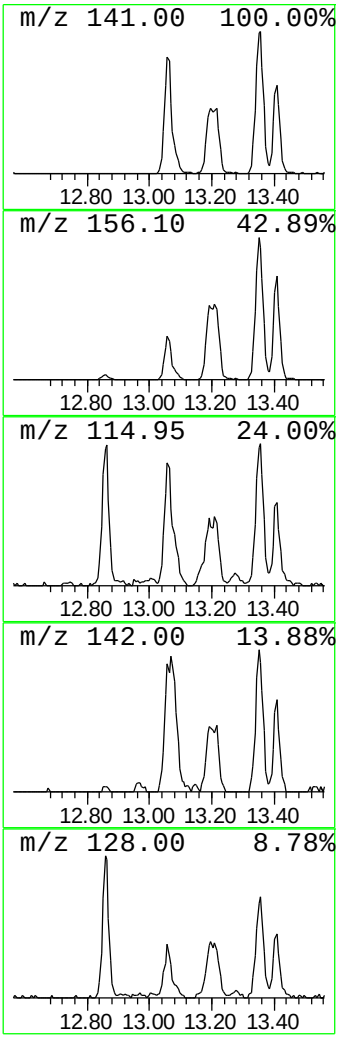
****

Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.70 ng/ul	412412	Acenaphthene-d10	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

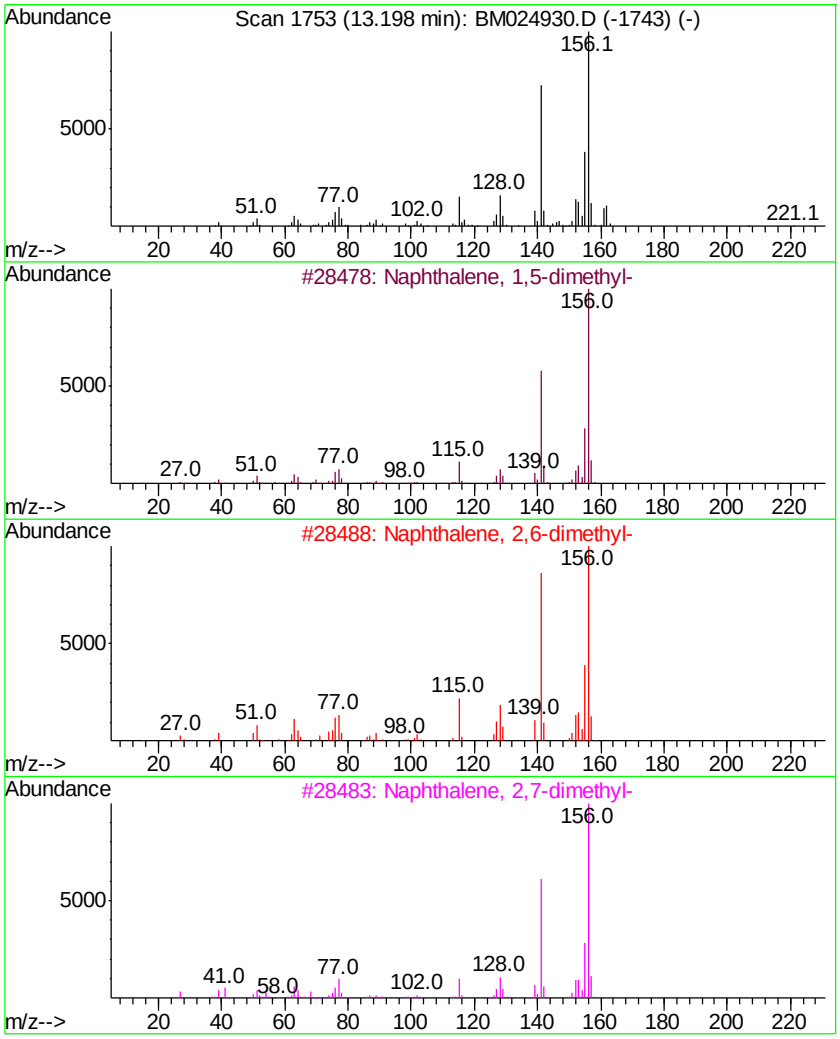
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

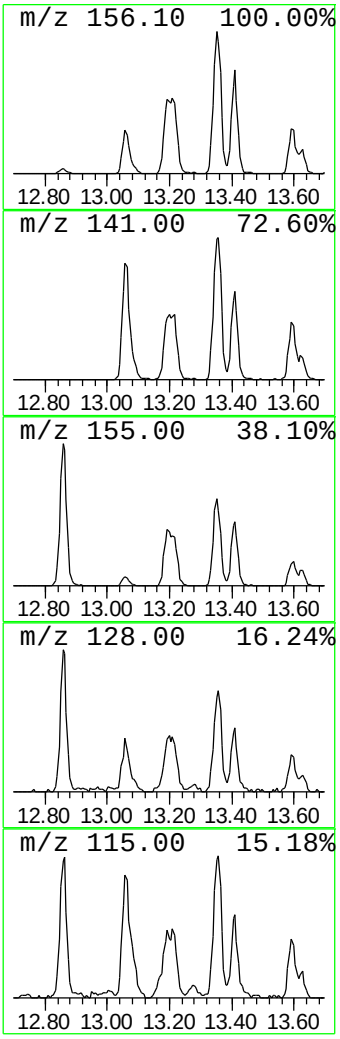
****

Peak Number 12 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.56 ng/ul	390756	Acenaphthene-d10	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

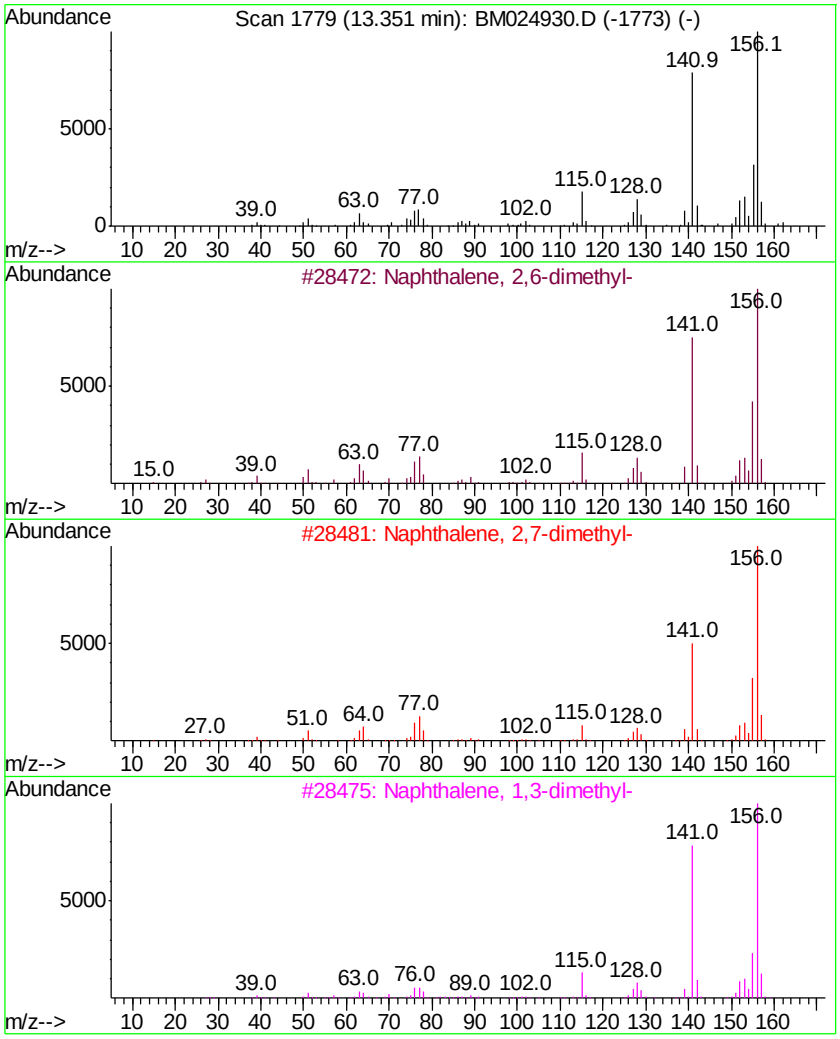
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

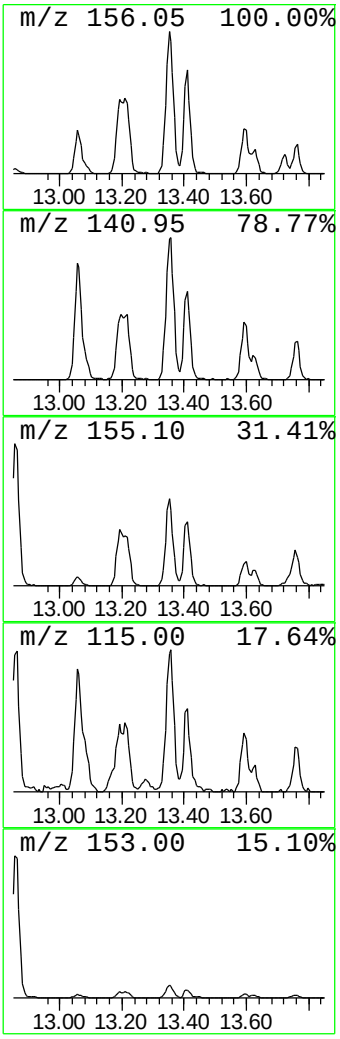
****

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	4.71 ng/ul	718759	Acenaphthene-d10	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

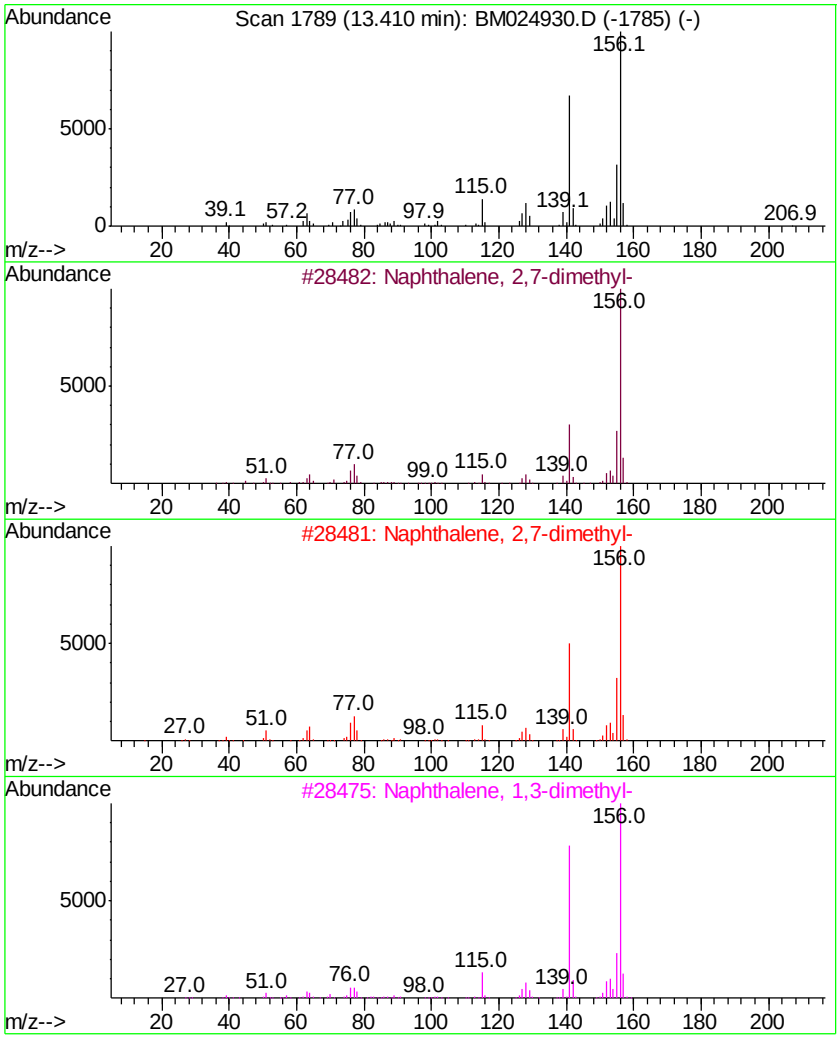
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

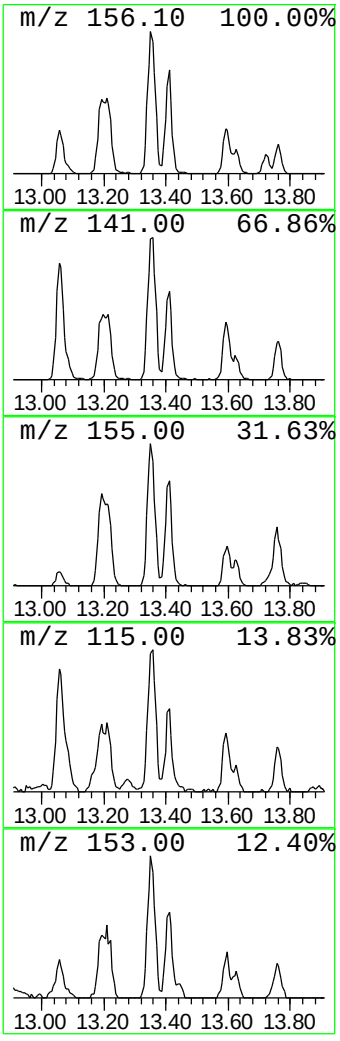
****

Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.55 ng/ul	388821	Acenaphthene-d10	14.04

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

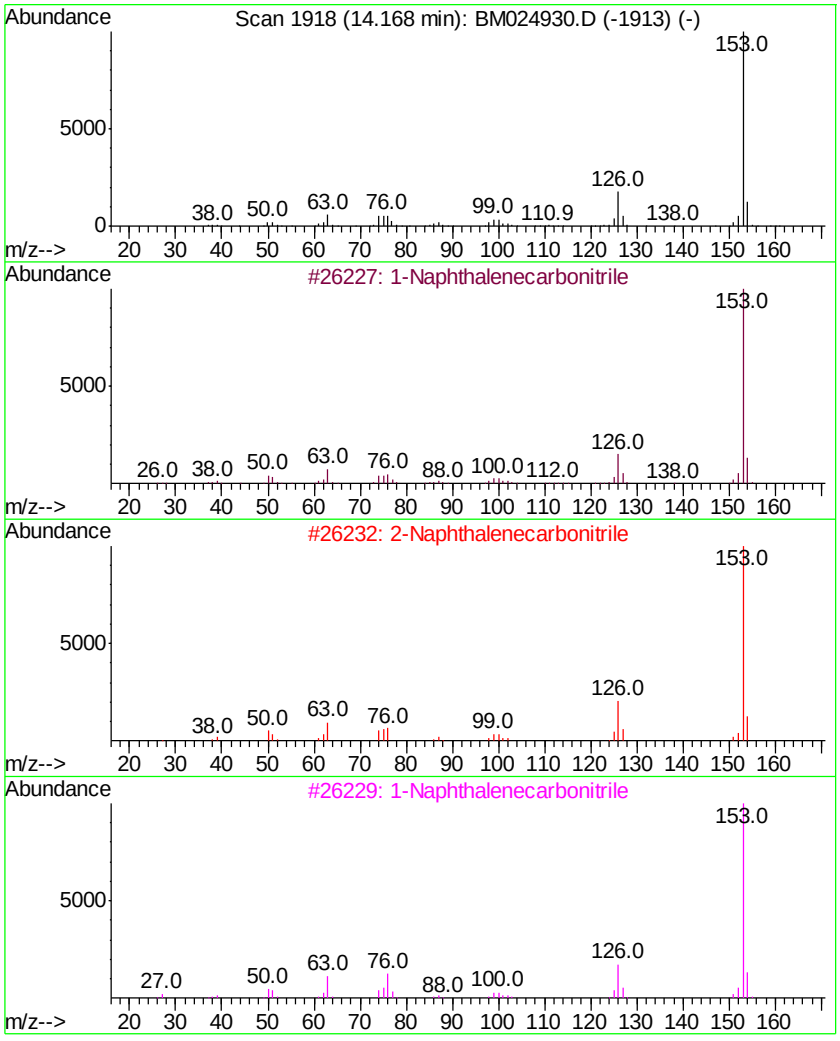
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

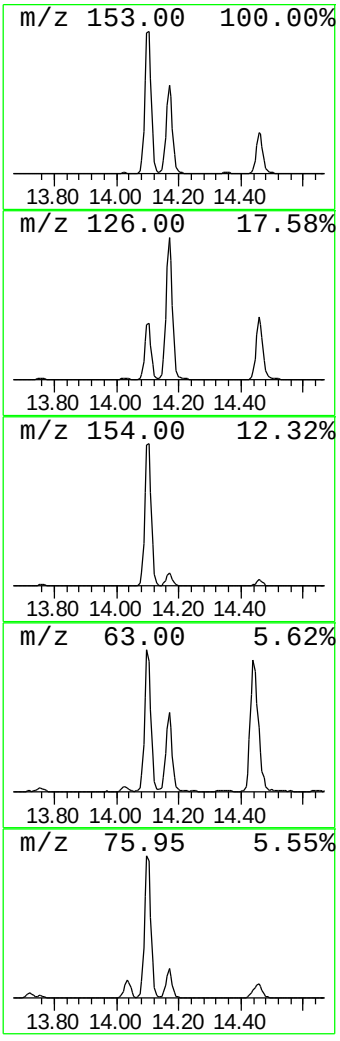
****

Peak Number 15 1-Naphthalenecarbonitrile Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	12.94 ng/ul	1975060	Acenaphthene-d10	14.04

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
5	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

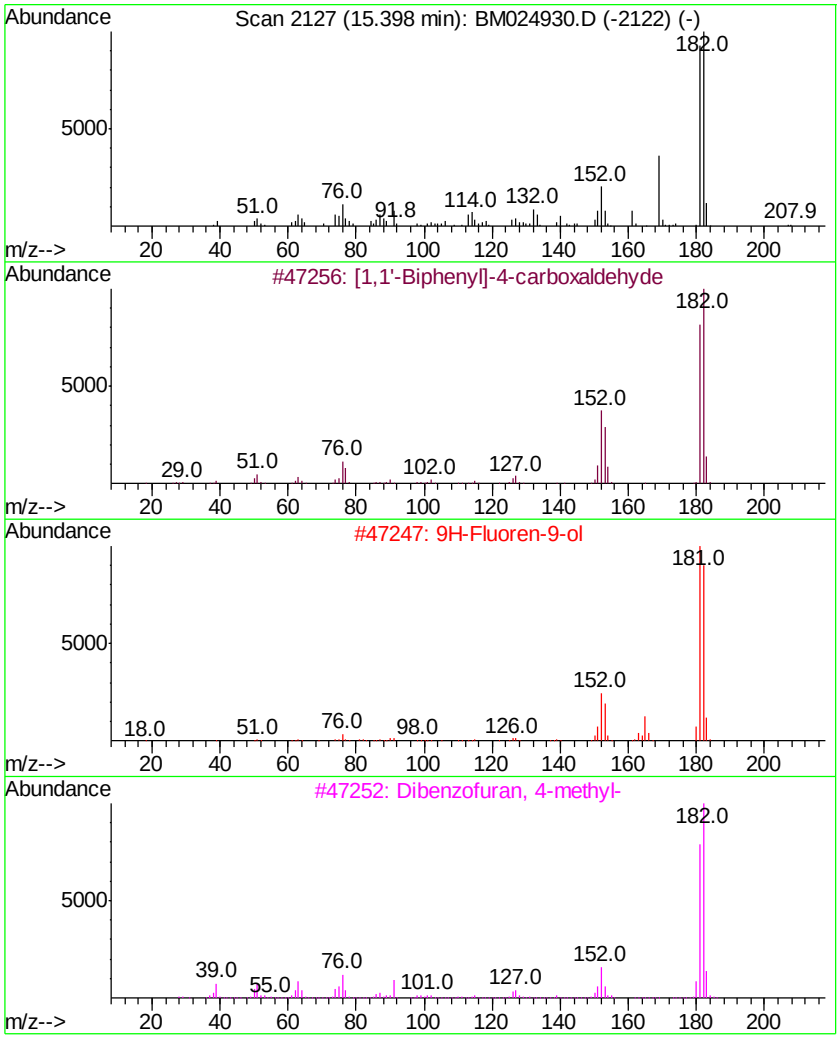
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

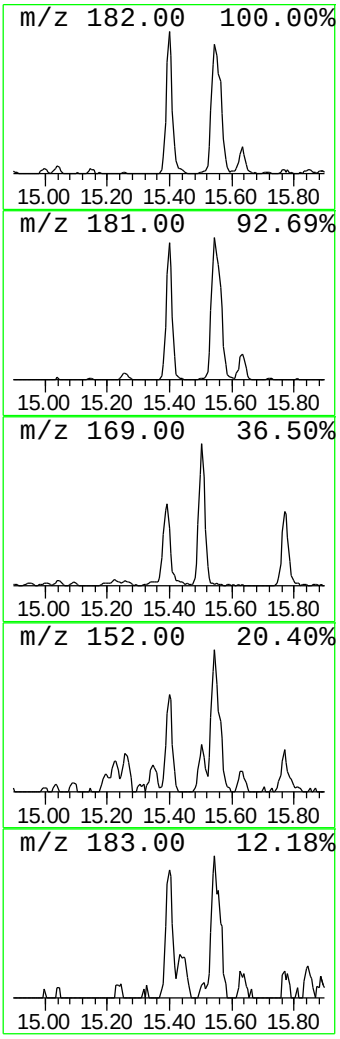
****

Peak Number 16 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	2.20 ng/ul	336174	Acenaphthene-d10	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	60
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	59
5	9H-Xanthene	182	C13H10O	000092-83-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

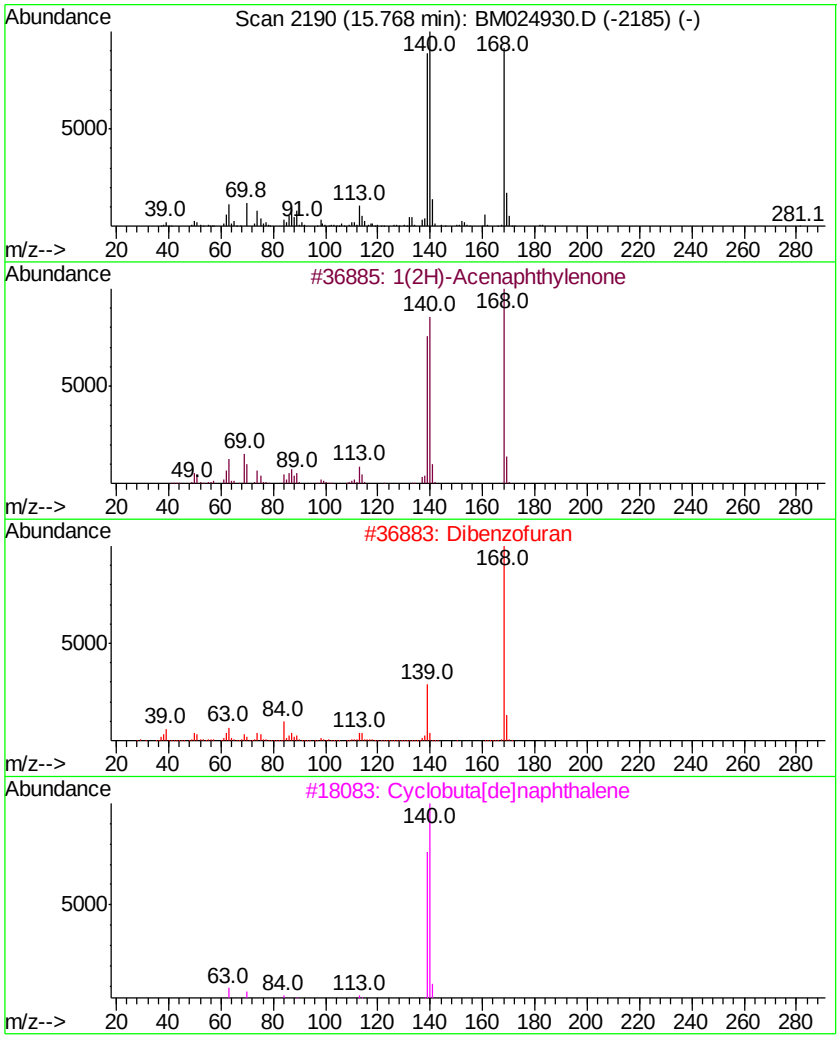
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

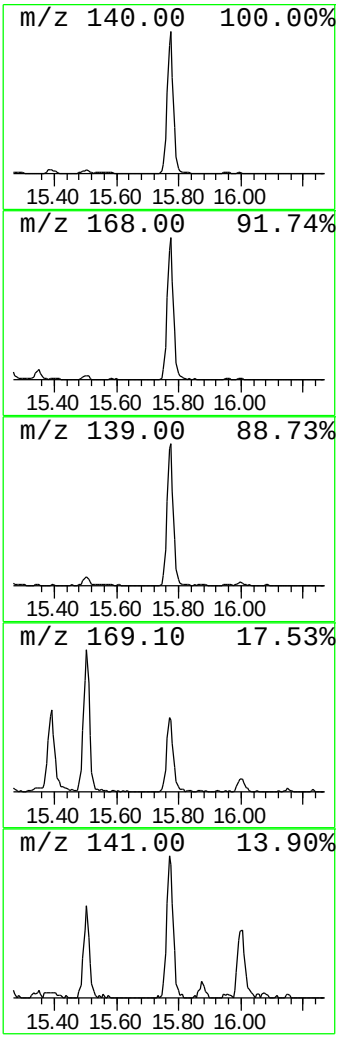
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	5.53 ng/ul	1008930	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	Dibenzofuran	168	C12H8O	000132-64-9	64
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	58
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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

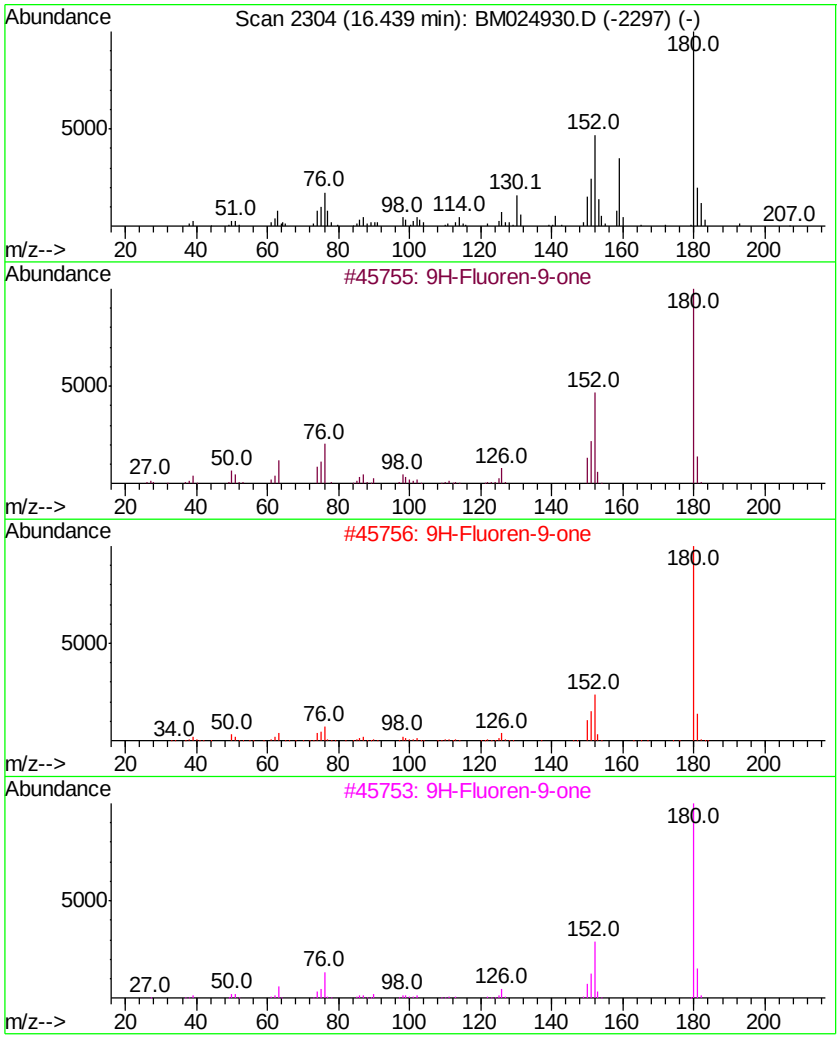
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

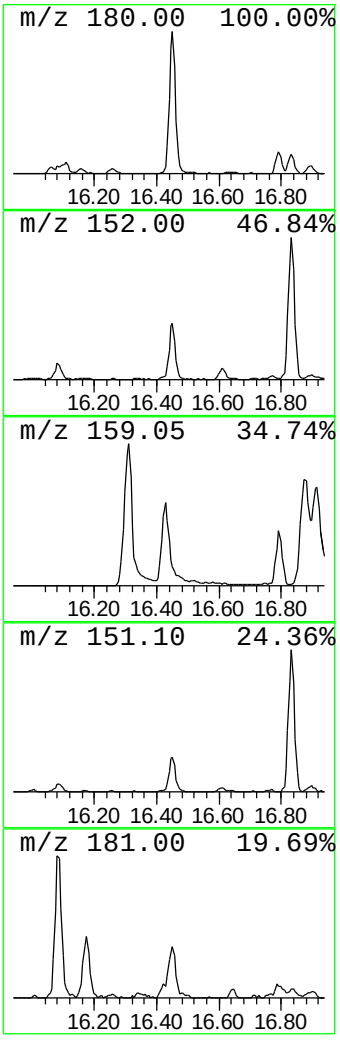
****

Peak Number 18 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.62 ng/ul	478212	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8DL

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...	7.05	2.7	ng/ul	225365	1	7.39	1645320	20.0
Indane	7.76	12.4	ng/ul	1018260	1	7.39	1645320	20.0
Indene	7.92	22.5	ng/ul	1847430	1	7.39	1645320	20.0
Benzofuran, 7-met...	8.73	2.8	ng/ul	228602	1	7.39	1645320	20.0
Benzofuran, 2-met...	8.85	6.4	ng/ul	707794	2	10.15	2218830	20.0
Benzene, 2-etheny...	9.56	2.6	ng/ul	284790	2	10.15	2218830	20.0
Benzo[b]thiophene	10.30	18.7	ng/ul	2072400	2	10.15	2218830	20.0
Benzo[b]thiophene...	11.70	2.2	ng/ul	247777	2	10.15	2218830	20.0
Benzo[b]thiophene...	11.93	3.0	ng/ul	329613	2	10.15	2218830	20.0
Naphthalene, 1-me...	12.04	48.1	ng/ul	5338080	2	10.15	2218830	20.0
Naphthalene, 1-et...	13.06	2.7	ng/ul	412412	3	14.04	3053220	20.0
Naphthalene, 1,5-...	13.20	2.6	ng/ul	390756	3	14.04	3053220	20.0
Naphthalene, 2,6-...	13.35	4.7	ng/ul	718759	3	14.04	3053220	20.0
Naphthalene, 2,7-...	13.41	2.5	ng/ul	388821	3	14.04	3053220	20.0
1-Naphthalenecarb...	14.17	12.9	ng/ul	1975060	3	14.04	3053220	20.0
[1,1'-Biphenyl]-4...	15.40	2.2	ng/ul	336174	3	14.04	3053220	20.0
1(2H)-Acenaphthyl...	15.77	5.5	ng/ul	1008930	4	16.79	3649890	20.0
9H-Fluoren-9-one	16.44	2.6	ng/ul	478212	4	16.79	3649890	20.0