LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

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-BN102220.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	2.634	21	25	35	rBV	176670	300106	0.64%	0.236%
2	2.716	35	39	47	rVB	403367	481745	1.03%	0.379%
3	5.110	442	446	456	rVB	32809	66614	0.14%	0.052%
4	5.475	501	508	513	rBV3	39928	63380	0.14%	0.050%
5	6.628	700	704	709	rVB2	64971	86777	0.19%	0.068%
6	6.793	726	732	743	rBV	258468	429790	0.92%	0.338%
7	6.975	757	763	777	rBV	313720	495492	1.06%	0.390%
8	7.092	779	783	790	rVV	80831	127613	0.27%	0.100%
9	7.163	790	795	804	rVB2	62823	106366	0.23%	0.084%
10	7.440	835	842	852	rBV	569839	868515	1.86%	0.684%
11	7.551	857	861	869	rVB	43728	66554	0.14%	0.052%
12	7.804	898	904	910	rBV	299395	462628	0.99%	0.364%
13	7.969	925	932	945	rVB	1332784	2038241	4.36%	1.605%
14	8.151	957	963	975	rBV2	206634	348257	0.75%	0.274%
15	8.592	1032	1038	1047	rBV	360761	633375	1.36%	0.499%
16	8.781	1065	1070	1079	rBV	76428	123076	0.26%	0.097%
17	8.904	1079	1091	1097	rBV	167046	358237	0.77%	0.282%
18	8.969	1097	1102	1107	rVB	46633	77002	0.16%	0.061%
19	9.304	1153	1159	1166	rBV	315069	511094	1.09%	0.402%
20	9.469	1182	1187	1191	rBV	46346	73453	0.16%	0.058%
21	9.622	1206	1213	1223	rBV5	102276	280776	0.60%	0.221%
22	9.716	1223	1229	1233	rBV	63454	126003	0.27%	0.099%
23	9.839	1243	1250	1258	rBV2	471751	781076	1.67%	0.615%
24	10.210	1306	1313	1316	rVV	629871	1120700	2.40%	0.882%
25	10.281	1316	1325	1335	rVV2	25866031	46732669	100.00%	36.795%
26	10.381	1335	1342	1353	rVB	1623515	2673029	5.72%	2.105%
27	11.316	1495	1501	1505	rBV	77847	134320	0.29%	0.106%
28	11.775	1572	1579	1587	rVB	117153	205256	0.44%	0.162%
29	11.880	1590	1597	1606	rBV	621609	978662	2.09%	0.771%
30	12.004	1612	1618	1624	rVB2	70522	121182	0.26%	0.095%
31	12.104	1624	1635	1648	rVB	2392794	3851536	8.24%	3.033%
32	12.545	1704	1710	1725	rVB2	76922	154525	0.33%	0.122%
33	12.922	1766	1774	1784	rBV	987703	1440133	3.08%	1.134%
34	13.122	1801	1808	1810	rBV	115531	196279	0.42%	0.155%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

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-BN102220.M
Title : SVOA CALIBRATION

35	13.269	1821	1833	1841	rBV6	124348	351838	0.75%	0.277%
36	13.416	1851	1858	1863	rBV2	225725	395604	0.85%	0.311%
37	13.469	1863	1867	1870	rVV	124636	184072	0.39%	0.145%
38	13.522	1870	1876	1880	rVV	1051134	1410533	3.02%	1.111%
39	13.569	1880	1884	1891	rVV	185647	255280	0.55%	0.201%
40	13.651	1893	1898	1902	rVV	83707	135947	0.29%	0.107%
41	13.786	1912	1921	1934	rBV2	1024596	1767745	3.78%	1.392%
42	14.098	1964	1974	1980	rBV	1223765	1903016	4.07%	1.498%
43	14.163	1980	1985	1992	rVV	4917774	6966900	14.91%	5.485%
44	14.239	1992	1998	2006	rVV	1310208	1955009	4.18%	1.539%
45	14.322	2008	2012	2019	rVB2	59863	103414	0.22%	0.081%
46	14.410	2020	2027	2033	rVB4	70656	126692	0.27%	0.100%
47	14.504	2036	2043	2054	rBV2	2447095	4137825	8.85%	3.258%
48	15.098	2138	2144	2149	rVV	1383732	1985611	4.25%	1.563%
49	15.157	2149	2154	2162	rVV	2217159	3079118	6.59%	2.424%
50	15.233	2162	2167	2172	rVV	540009	879995	1.88%	0.693%
51	15.280	2172	2175	2178	rVV3	135717	201402	0.43%	0.159%
52	15.316	2178	2181	2188	rVV4	91218	204886	0.44%	0.161%
53	15.404	2188	2196	2200	rVV4	67288	195579	0.42%	0.154%
54	15.451	2200	2204	2212	rVB	147203	222756	0.48%	0.175%
55	15.598	2225	2229	2239	rVB	176528	331663	0.71%	0.261%
56	15.833	2264	2269	2275	rBV	308858	434644	0.93%	0.342%
57	16.016	2296	2300	2304	rVV	54917	79556	0.17%	0.063%
58	16.133	2313	2320	2323	rVV6	54980	130404	0.28%	0.103%
59	16.163	2323	2325	2329	rVV4	58499	82176	0.18%	0.065%
60	16.210	2329	2333	2343	rVB8	27093	68953	0.15%	0.054%
61	16.510	2374	2384	2393	rBV	337826	537447	1.15%	0.423%
62	16.668	2403	2411	2418	rBV	163385	256676	0.55%	0.202%
63	16.763	2424	2427	2433	rBV3	42468	72564	0.16%	0.057%
64	16.851	2433	2442	2446	rVV	1561419	2377044	5.09%	1.872%
65	16.892	2446	2449	2454	rVV	1702128	2271990	4.86%	1.789%
66	16.951	2454	2459	2472	rVV	1722986	2743753	5.87%	2.160%
67	17.057	2472	2477	2485	rVB2	85106	154451	0.33%	0.122%
68	17.268	2501	2513	2523	rBV	5704492	8399906	17.97%	6.614%
69	17.357	2523	2528	2534	rVV6	59224	163747	0.35%	0.129%
70	17.421	2534	2539	2544	rVV	125621	161545	0.35%	0.127%
71	17.515	2552	2555	2560	rVB3	58436	79974	0.17%	0.063%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

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-BN102220.M
Title : SVOA CALIBRATION

72	17.574	2560	2565	2568	rBV3	54122	79653	0.17%	0.063%
73	17.692	2581	2585	2589	rBV	128910	174365	0.37%	0.137%
74	17.774	2594	2599	2608	rBV	506002	756995	1.62%	0.596%
75	17.851	2608	2612	2619	rVB	85907	131178	0.28%	0.103%
76	17.921	2619	2624	2630	rBV3	144156	219353	0.47%	0.173%
77	18.015	2635	2640	2641	rBV	117957	140481	0.30%	0.111%
78	18.080	2647	2651	2655	rVB	176073	222538	0.48%	0.175%
79	18.115	2655	2657	2662	rVB	53708	66862	0.14%	0.053%
80	18.174	2662	2667	2673	rBV2	204014	326439	0.70%	0.257%
81	18.233	2673	2677	2682	rVB	92835	118391	0.25%	0.093%
82	18.327	2689	2693	2697	rVB6	36253	64056	0.14%	0.050%
83	18.615	2738	2742	2750	rVB9	24836	64388	0.14%	0.051%
84	18.921	2790	2794	2799	rVB	121970	174472	0.37%	0.137%
85	19.062	2814	2818	2823	rBV5	54905	75376	0.16%	0.059%
86	19.139	2828	2831	2836	rVV2	51704	69017	0.15%	0.054%
87	19.257	2846	2851	2857	rBV	2137538	2901656	6.21%	2.285%
88	19.674	2917	2922	2927	rBV	124043	186898	0.40%	0.147%
89	19.739	2929	2933	2942	rVV	191166	293638	0.63%	0.231%
90	20.351	3032	3037	3041	rBV8	37430	82167	0.18%	0.065%
91	20.798	3109	3113	3121	rBV3	148330	239296	0.51%	0.188%
92	21.062	3153	3158	3166	rBV	2151306	2705603	5.79%	2.130%
93	21.192	3177	3180	3183	rBV	55711	67136	0.14%	0.053%
94	21.239	3186	3188	3192	rVB2	68197	67939	0.15%	0.053%
95	21.656	3256	3259	3265	rBV2	113253	151767	0.32%	0.119%
96	22.092	3330	3333	3339	rVB2	172185	200217	0.43%	0.158%
97	22.568	3410	3414	3417	rBV2	187582	233273	0.50%	0.184%
98	23.045	3489	3495	3500	rBV	1700528	2879922	6.16%	2.268%
99	23.180	3512	3518	3527	rVB	1541459	2691622	5.76%	2.119%
100	23.692	3601	3605	3612	rVB3	163496	297610	0.64%	0.234%

Sum of corrected areas: 127006484

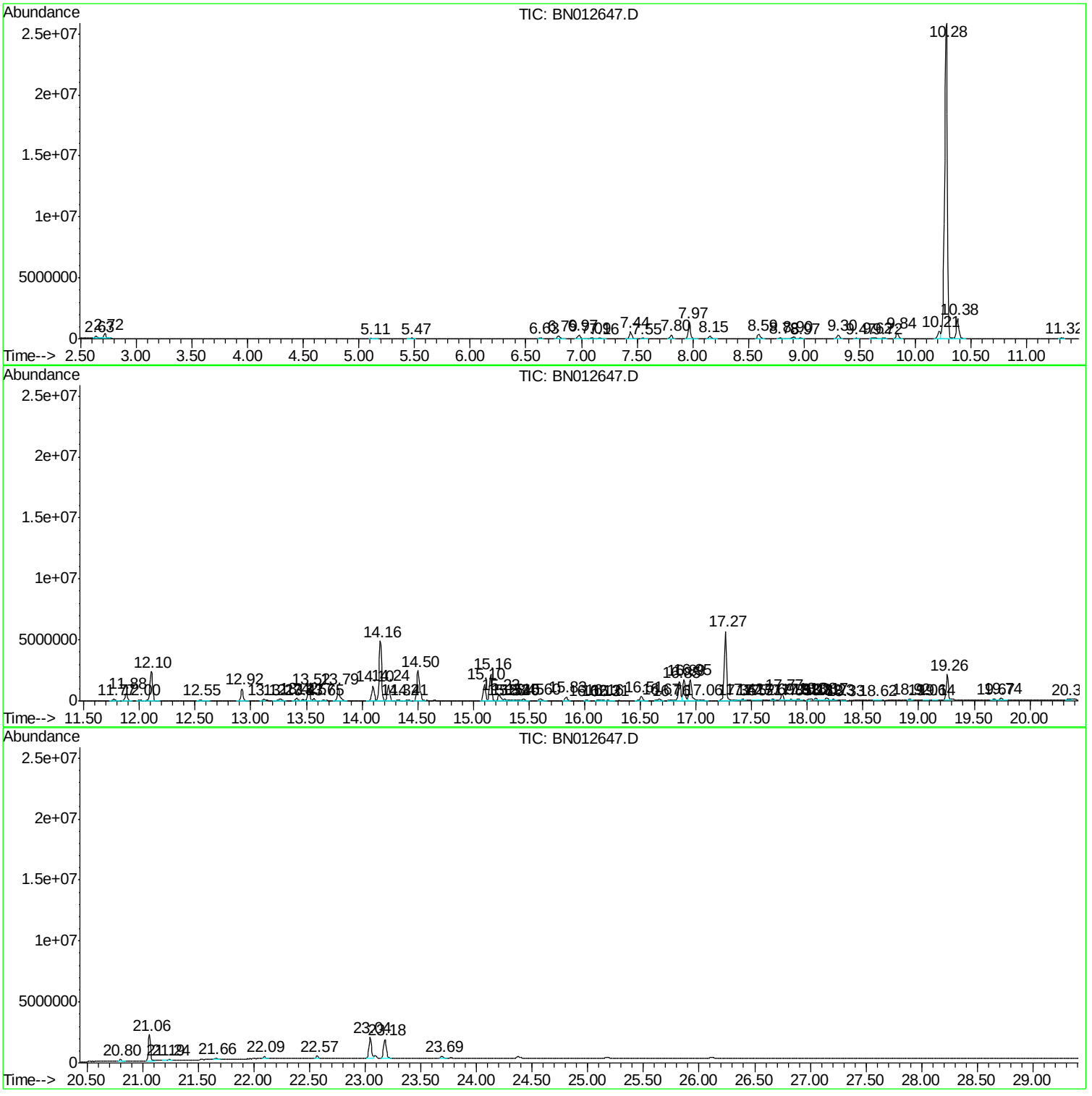
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.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\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

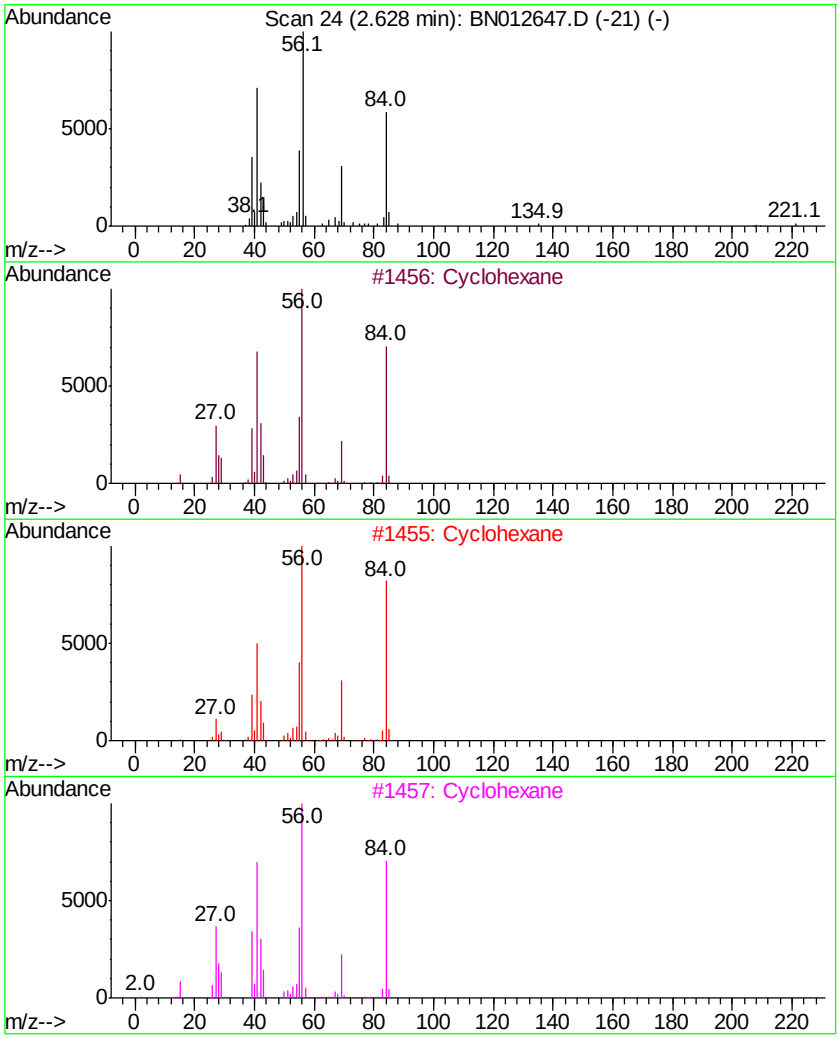
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

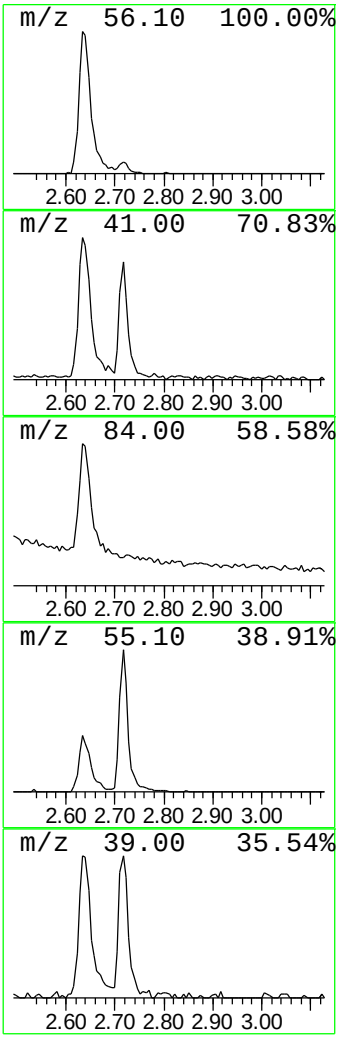
****

Peak Number 1 (DEL) Alkane: Cyclic2.63 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.63	6.91 ng/ul	300106	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	87
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

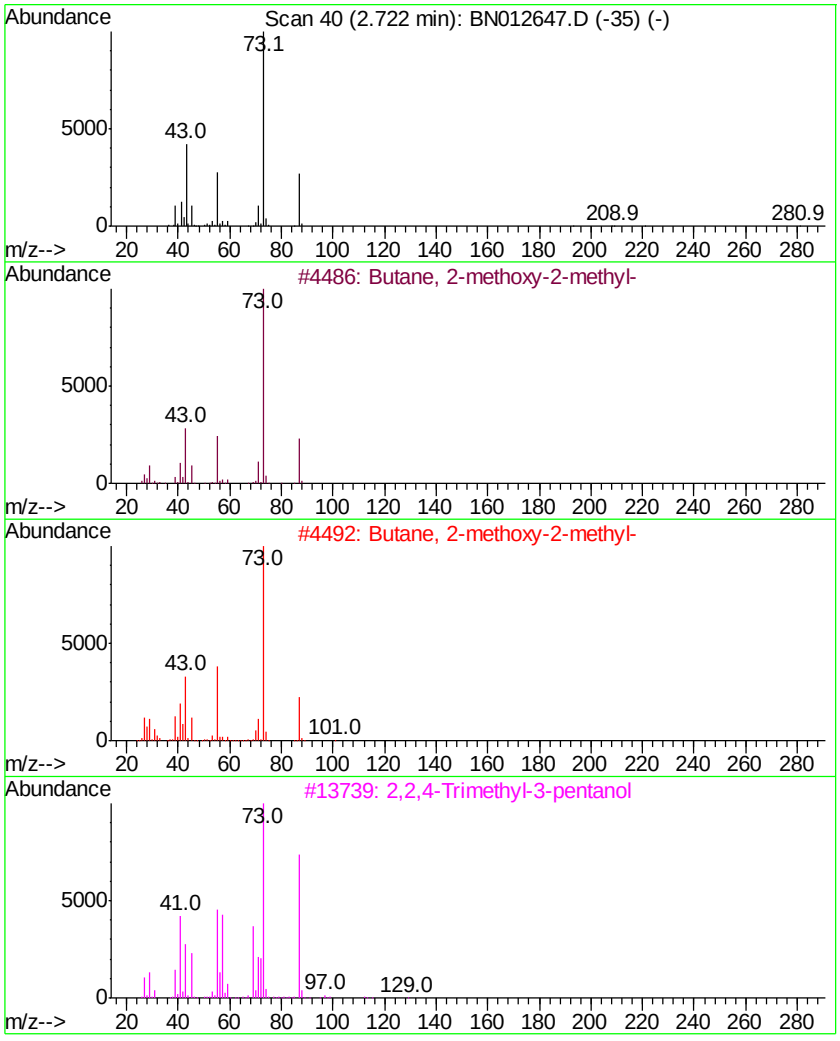
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

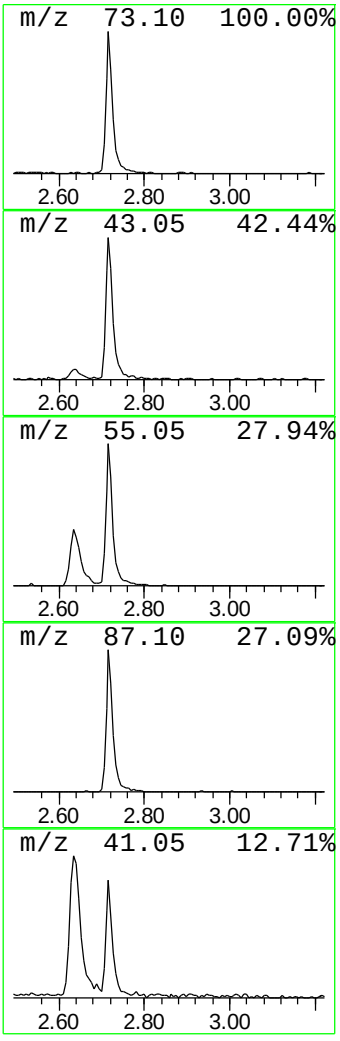
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	11.09 ng/ul	481745	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

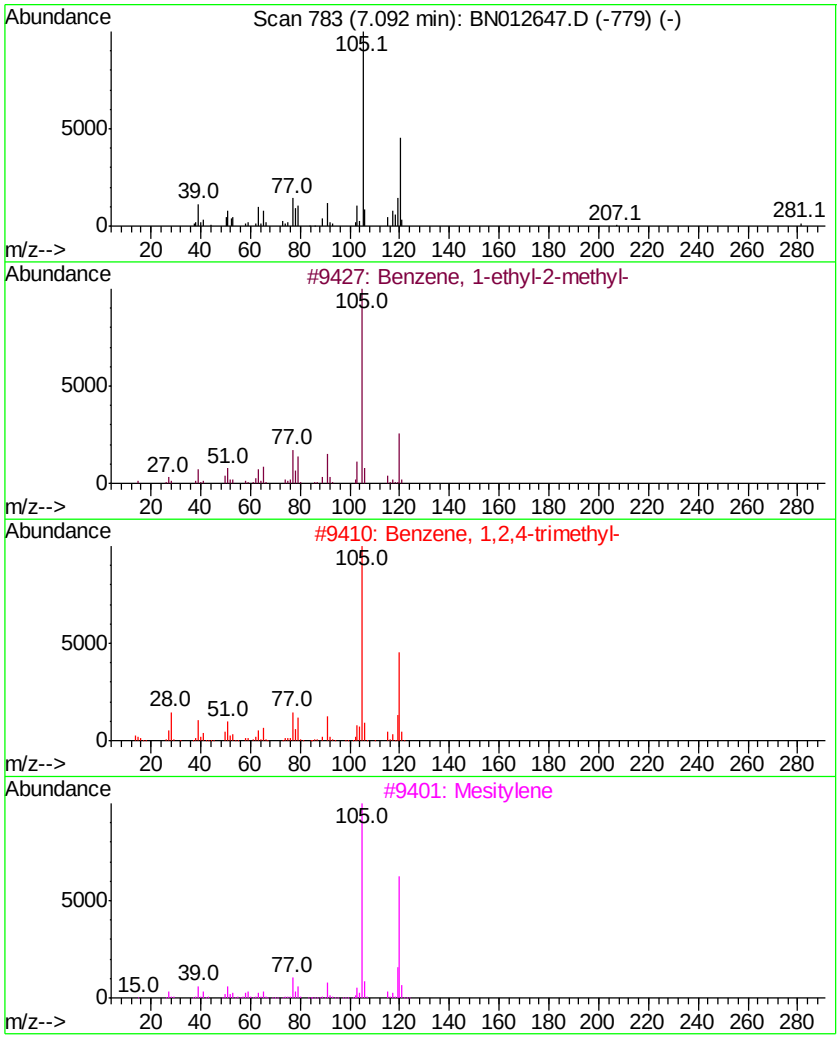
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

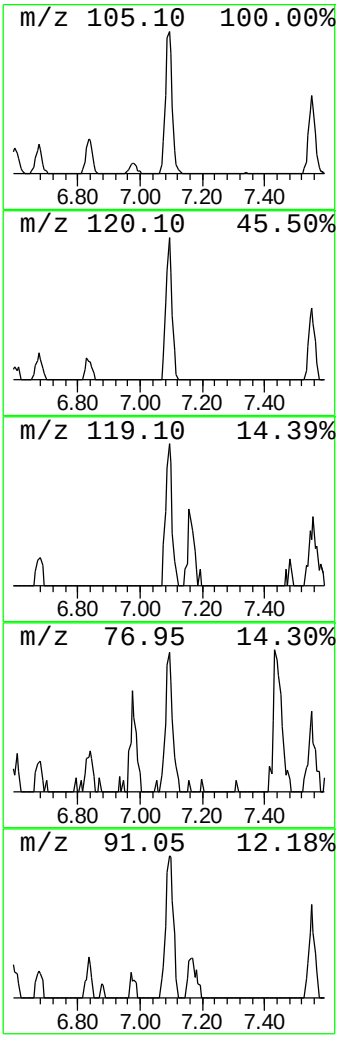
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	2.94 ng/ul	127613	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

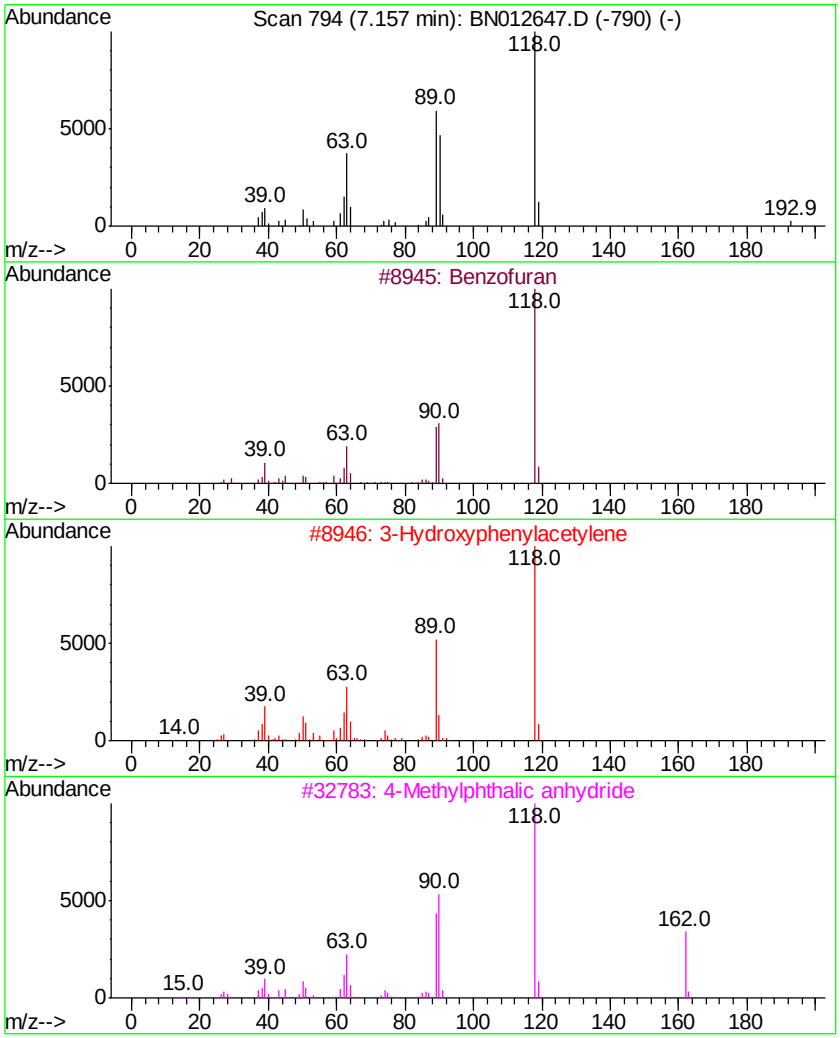
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

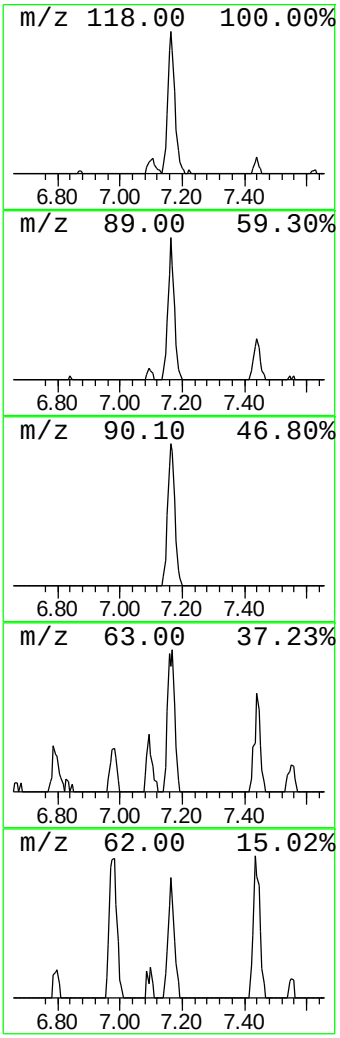
****

Peak Number 4 Benzofuran Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	2.45 ng/ul	106366	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	83
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
3	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	74
4	Coumarin	146	C9H6O2	000091-64-5	56
5	Benzofuran	118	C8H6O	000271-89-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

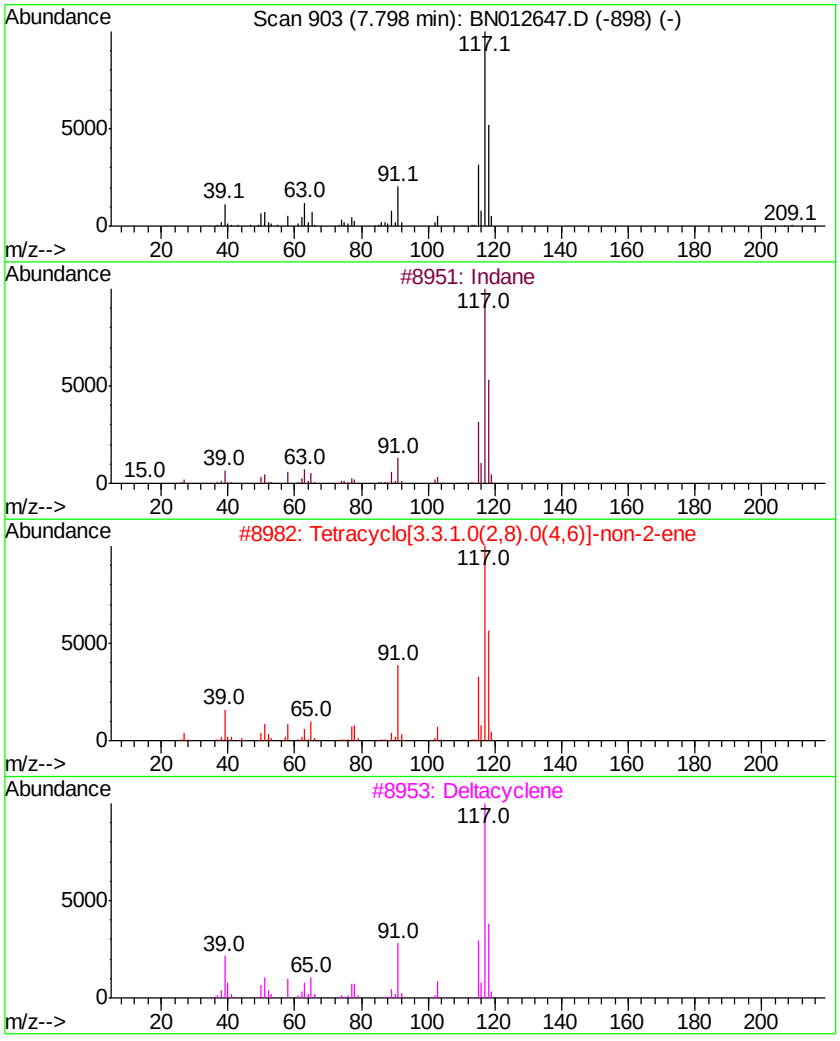
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

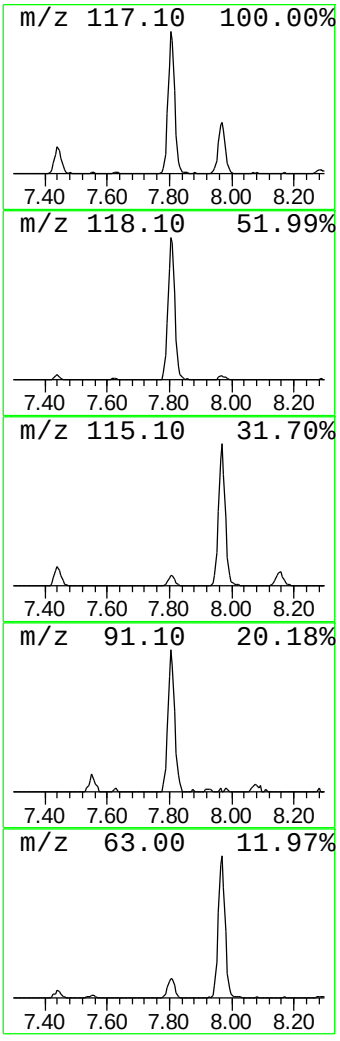
****

Peak Number 5 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	10.65 ng/ul	462628	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Deltacyclene	118	C9H10	007785-10-6	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Indane	118	C9H10	000496-11-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

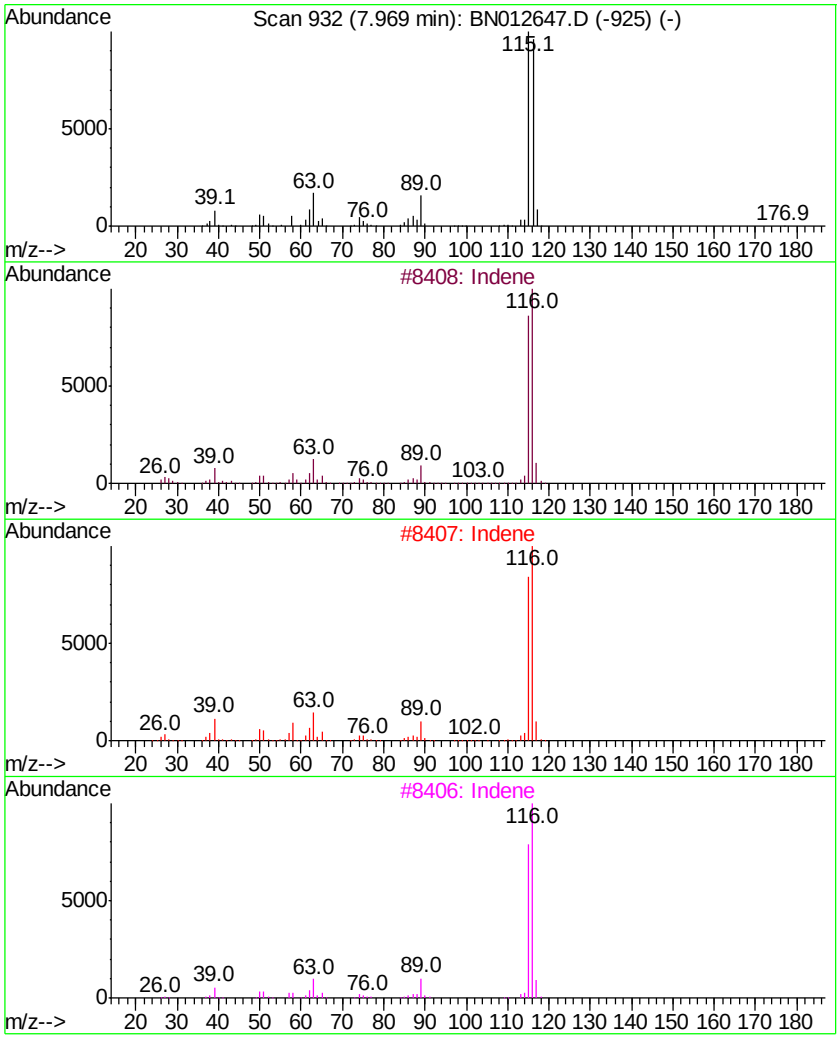
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

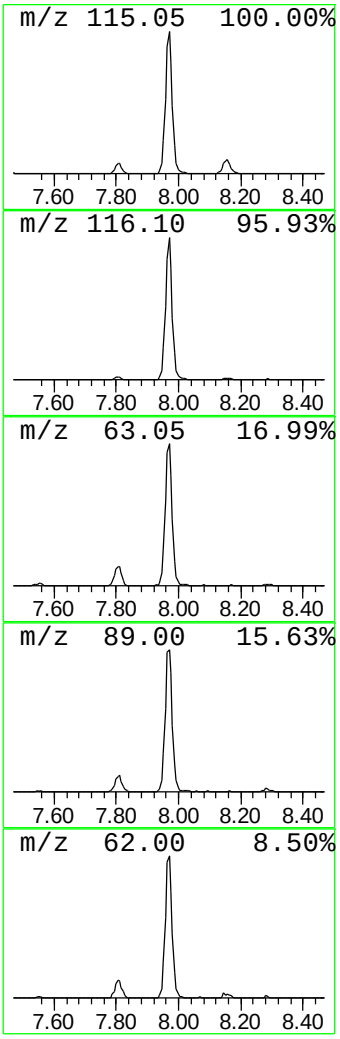
****

Peak Number 6 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	46.94 ng/ul	2038240	1,4-Dichlorobenzene-d4	7.44

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

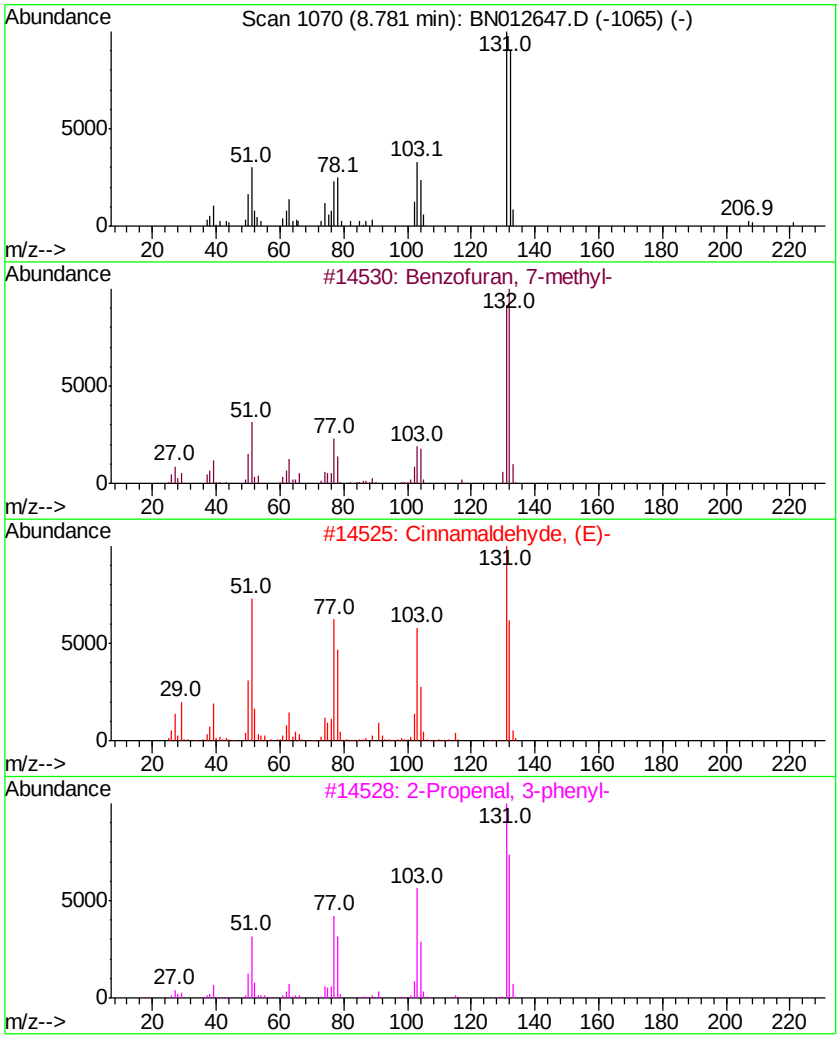
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

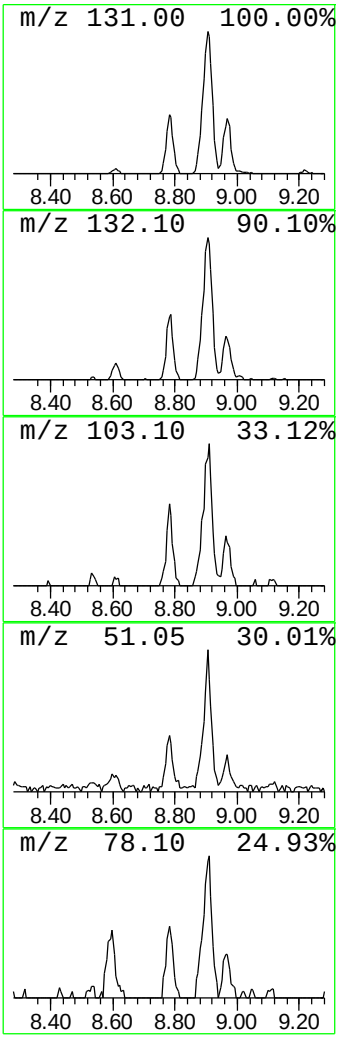
****

Peak Number 7 Benzofuran, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	2.83 ng/ul	123076	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
4	1H-Indenol	132	C9H8O	056631-57-3	87
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

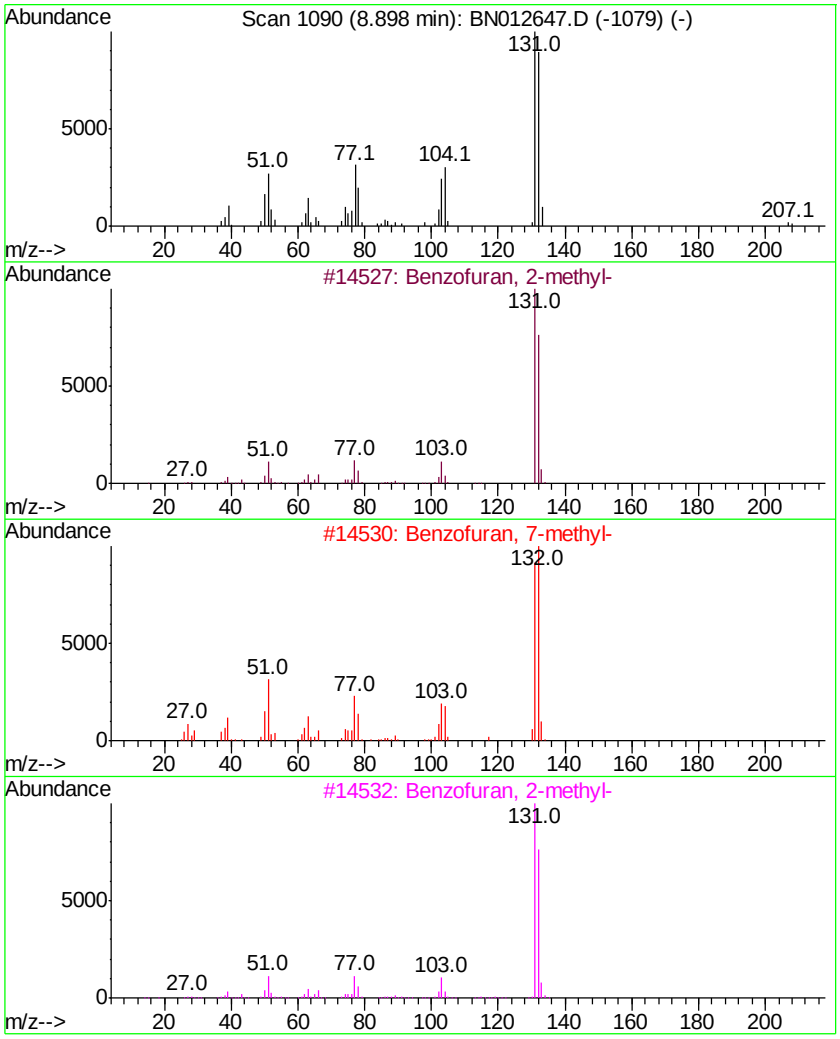
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

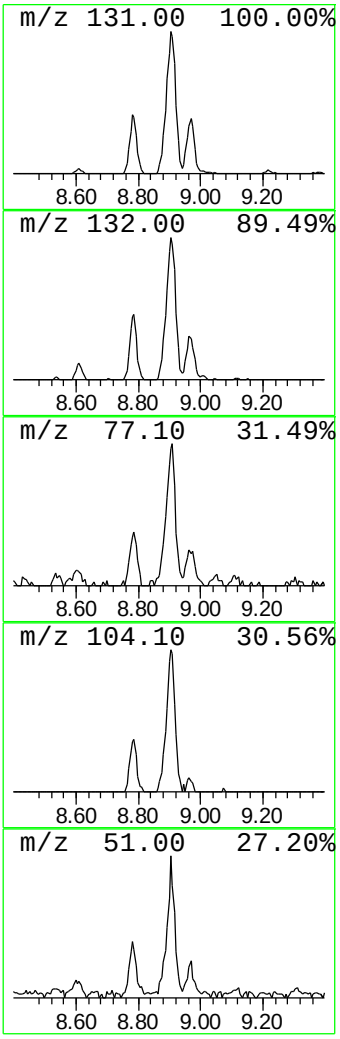
****

Peak Number 8 Benzofuran, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	6.39 ng/ul	358237	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

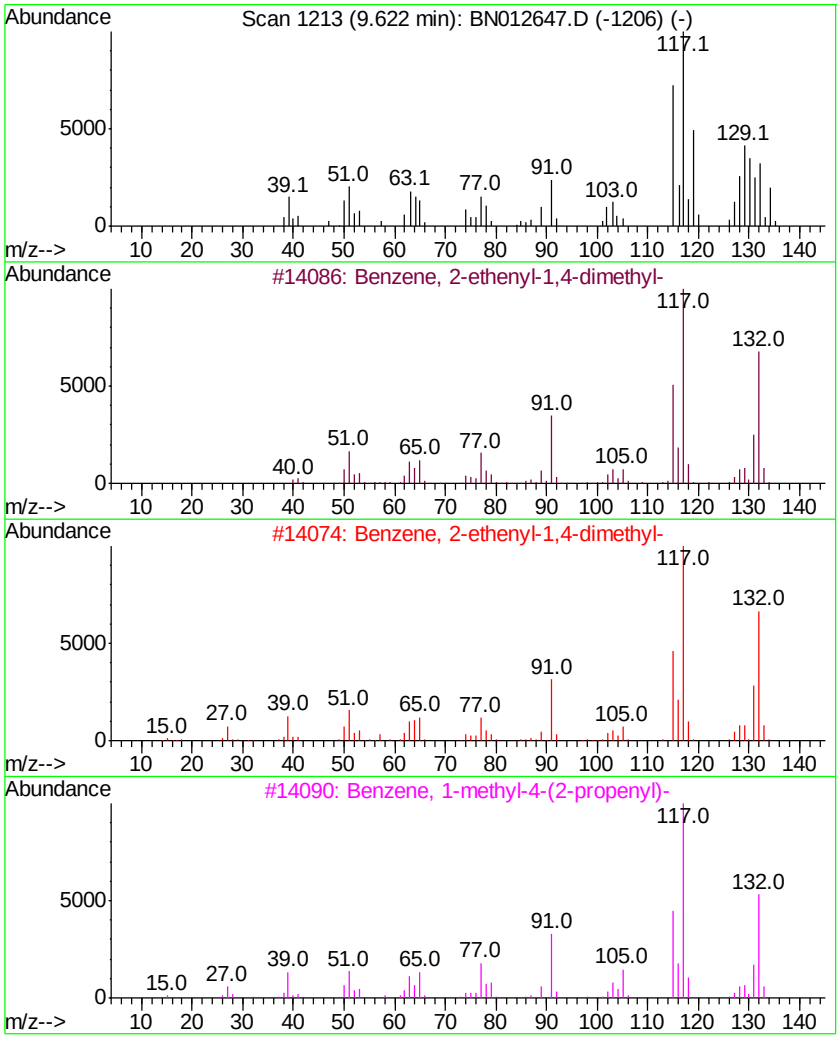
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

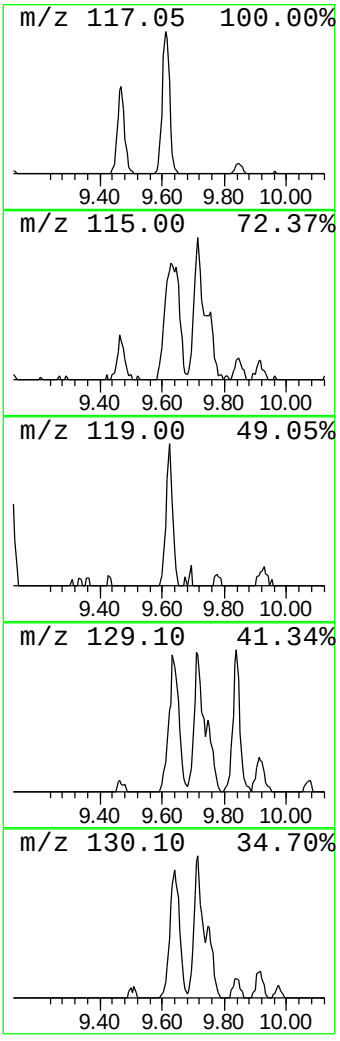
****

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	5.01 ng/ul	280776	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	55
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

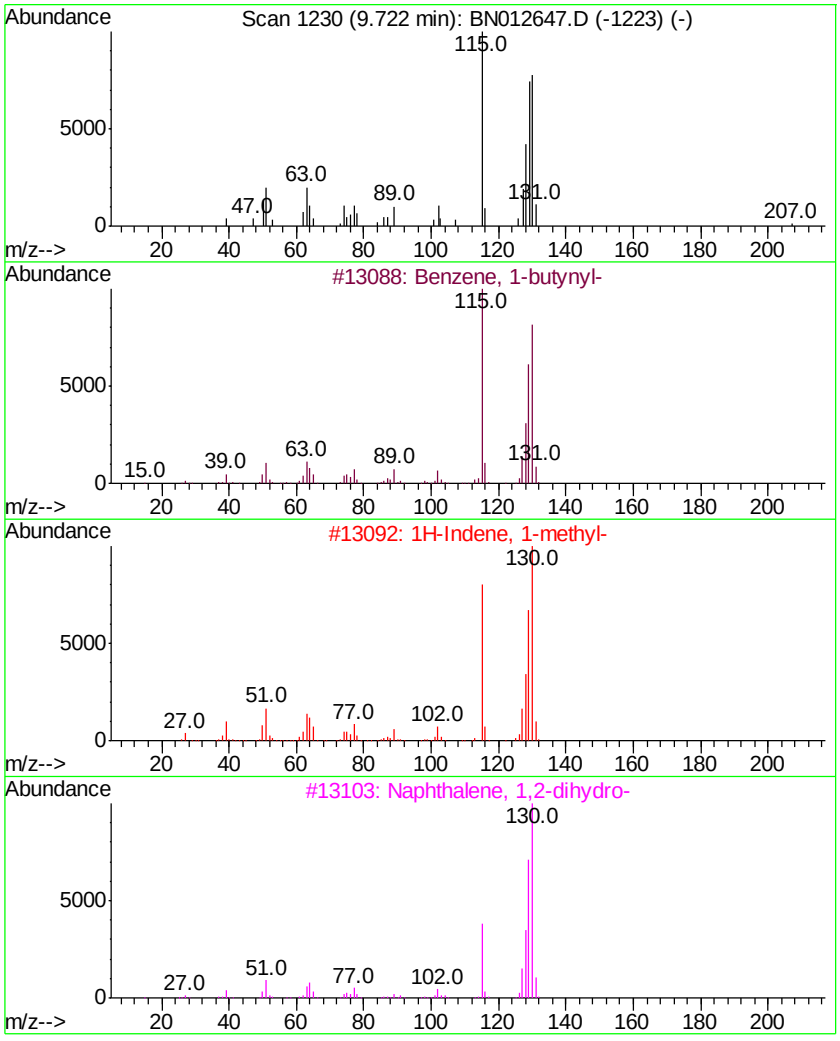
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

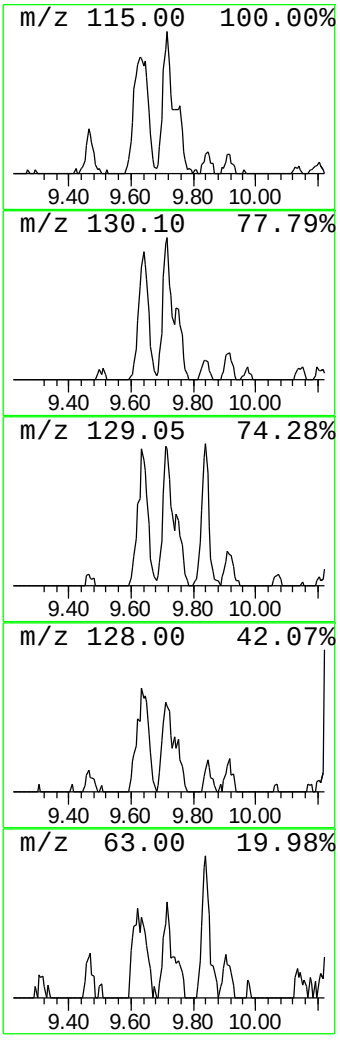
****

Peak Number 10 Benzene, 1-butynyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.25 ng/ul	126003	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	91
5	2-Methylindene	130	C10H10	002177-47-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

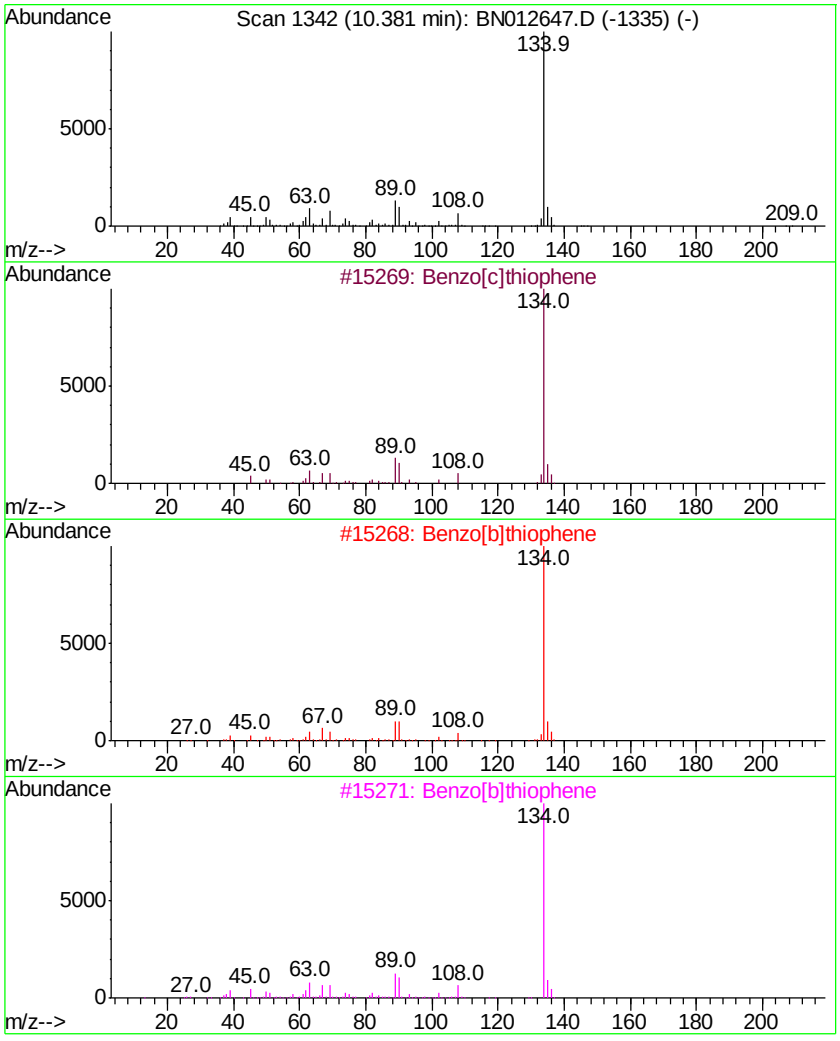
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

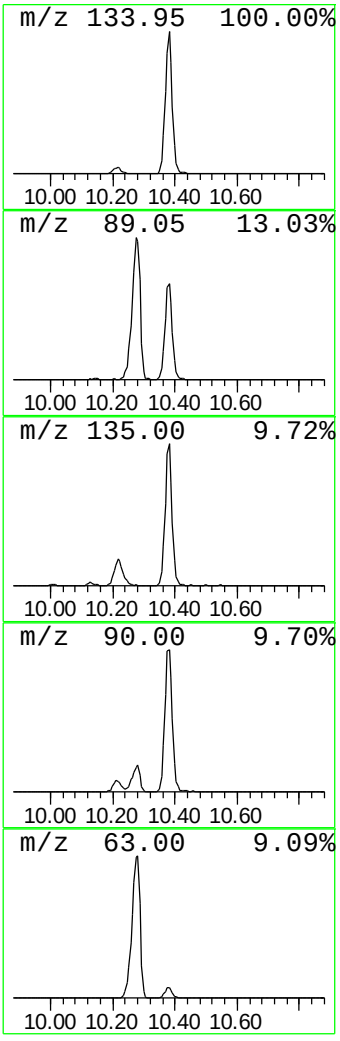
****

Peak Number 11 Benzo[c]thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	47.70 ng/ul	2673030	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

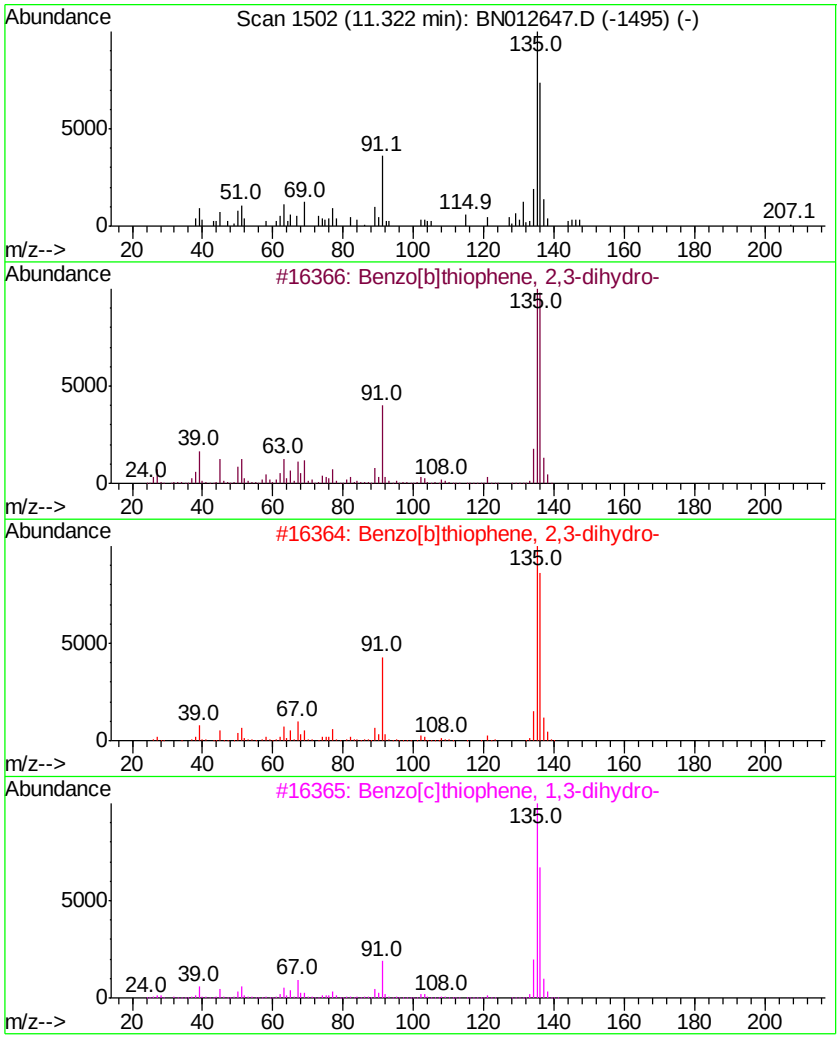
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

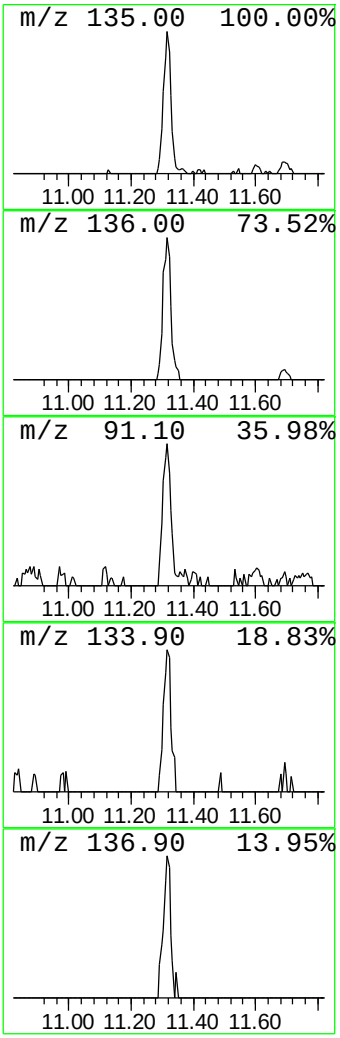
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	2.40 ng/ul	134320	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	81
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	74
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	68
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	62
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

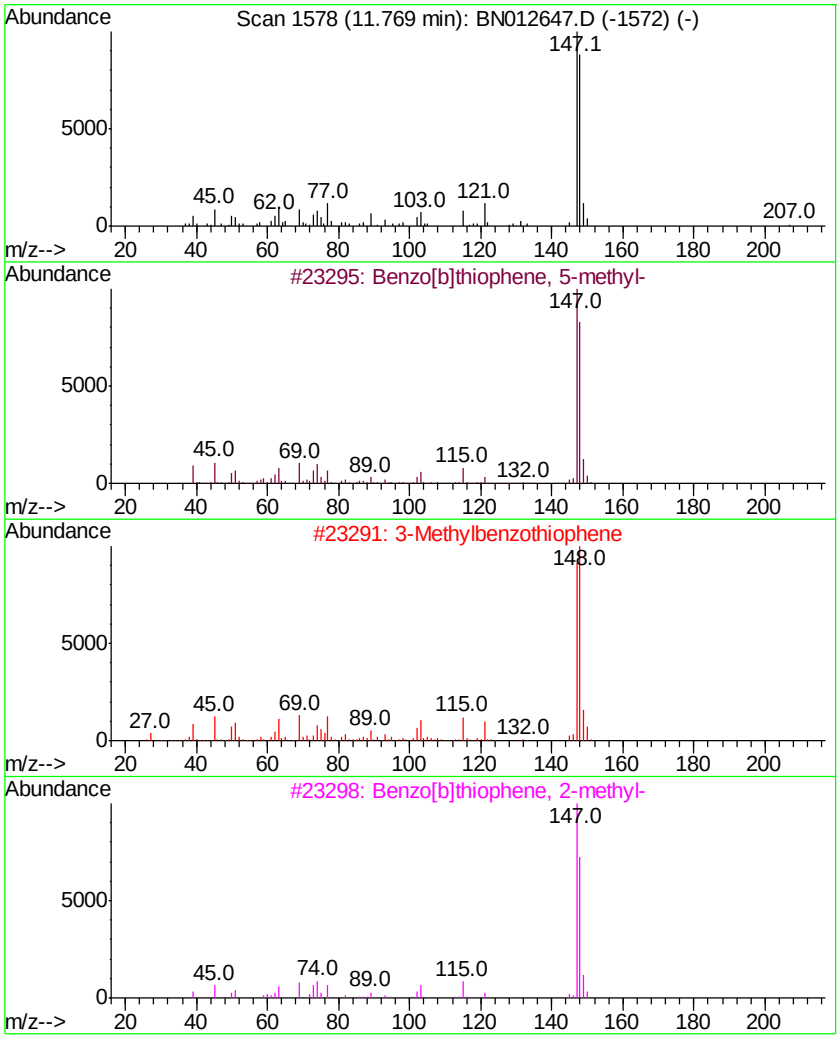
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

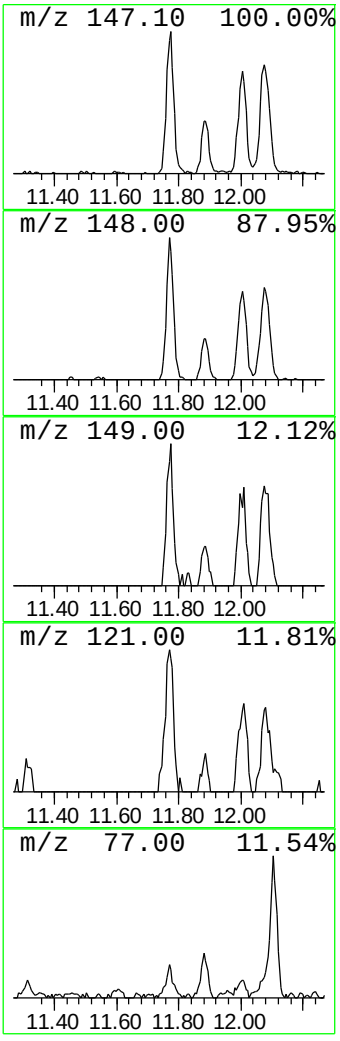
****

Peak Number 13 Benzo[b]thiophene, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.66 ng/ul	205256	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	94
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	94
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

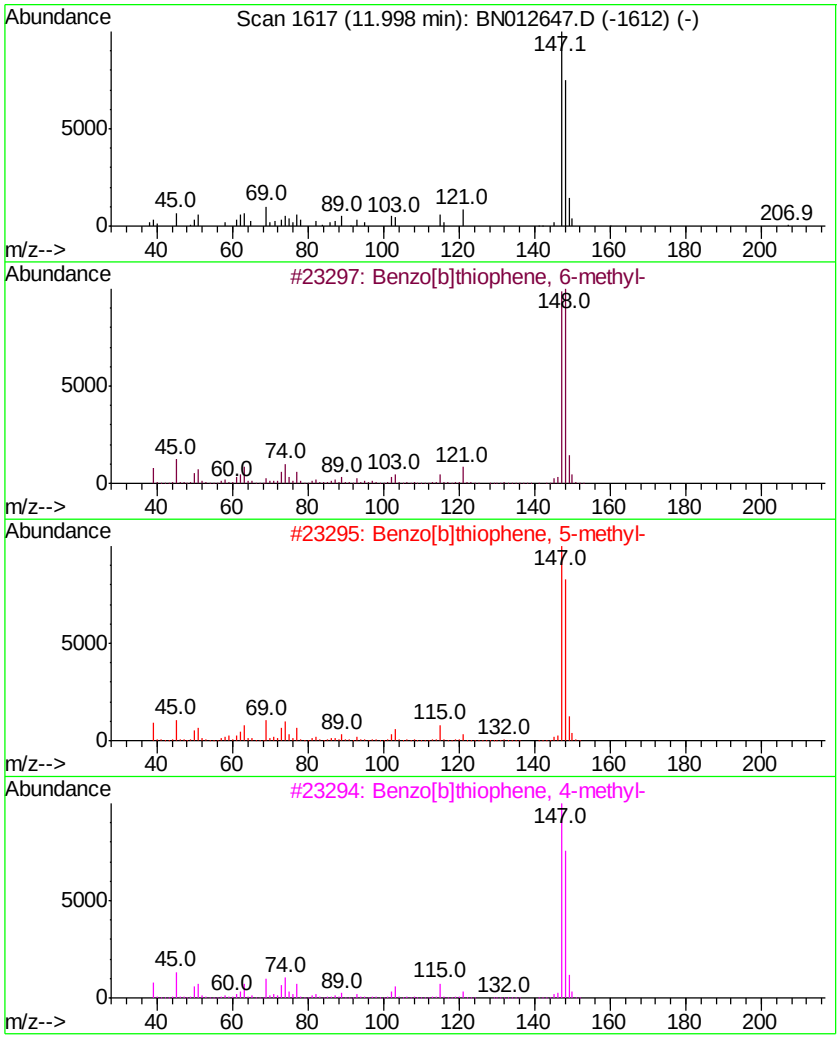
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

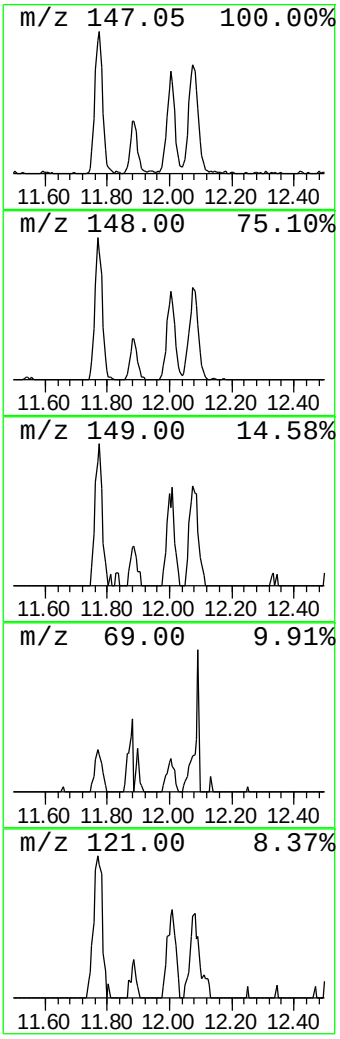
****

Peak Number 14 Benzo[b]thiophene, 6-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.16 ng/ul	121182	Naphthalene-d8	10.22

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, 5-methyl-	148	C9H8S	014315-14-1	87
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

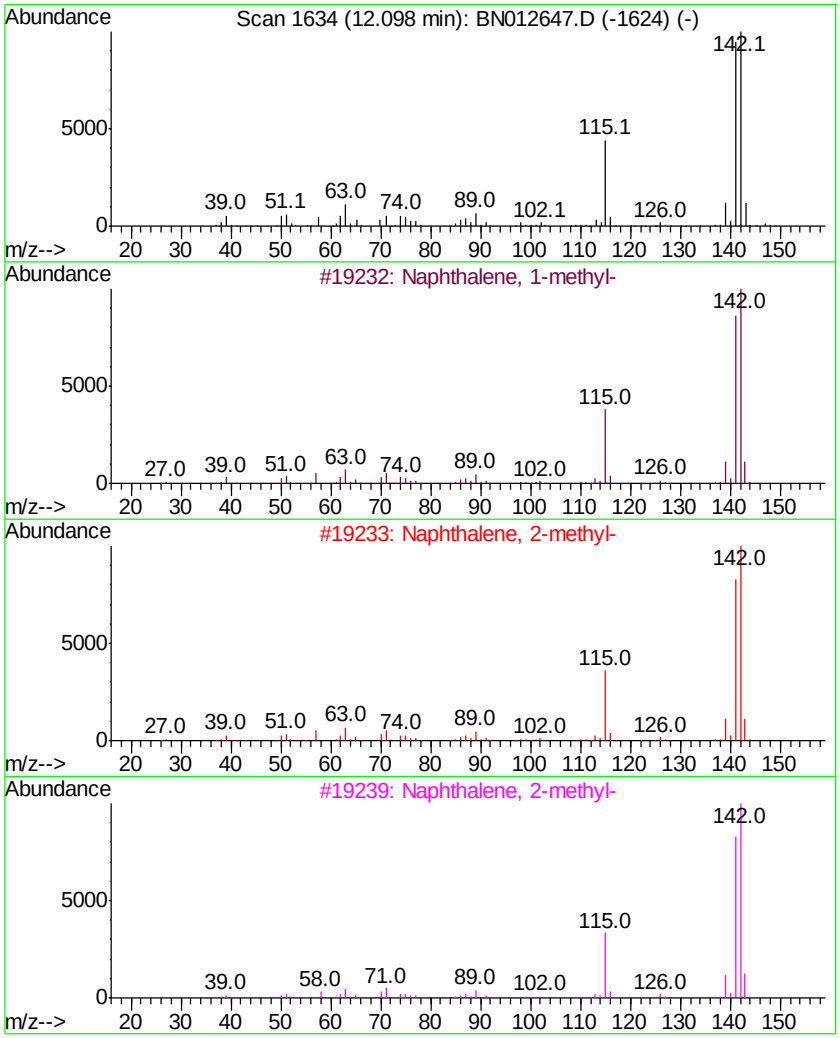
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

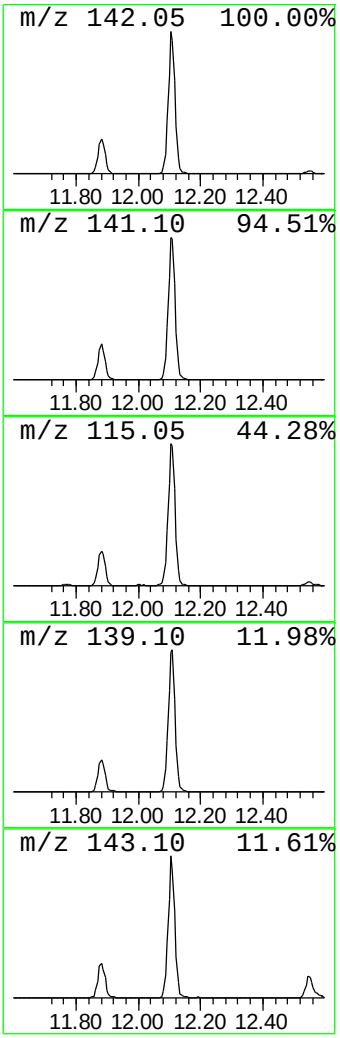
****

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	68.73 ng/ul	3851540	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

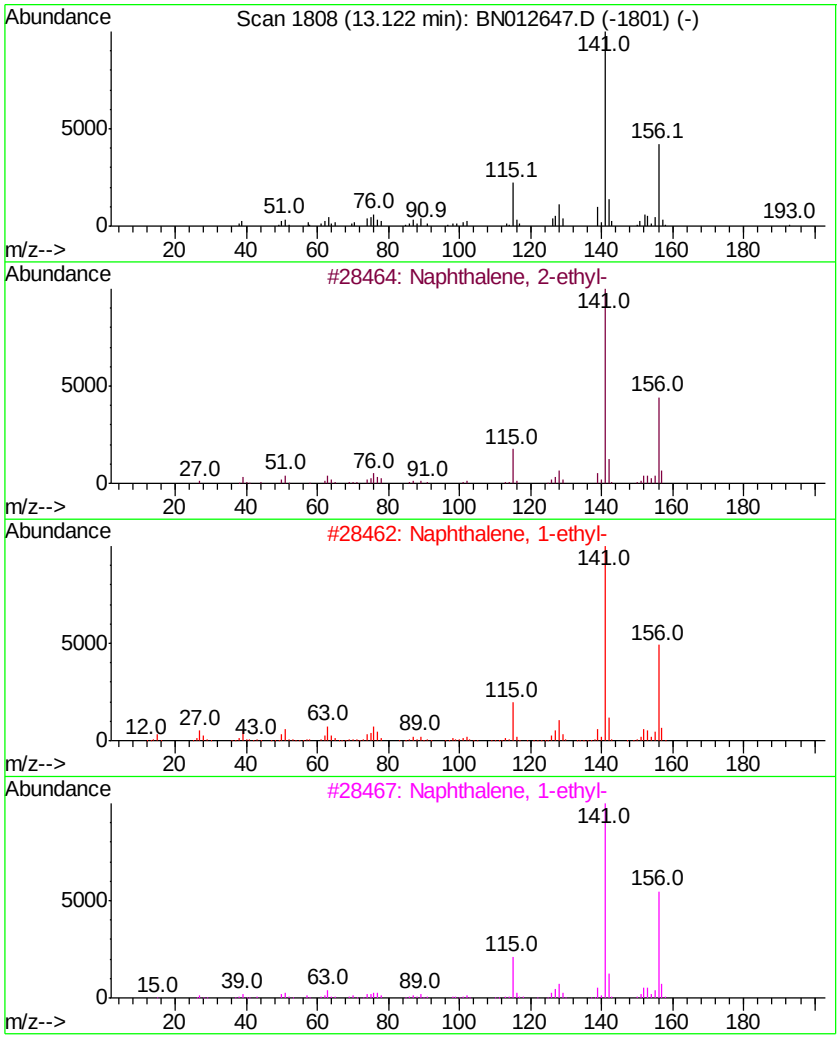
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

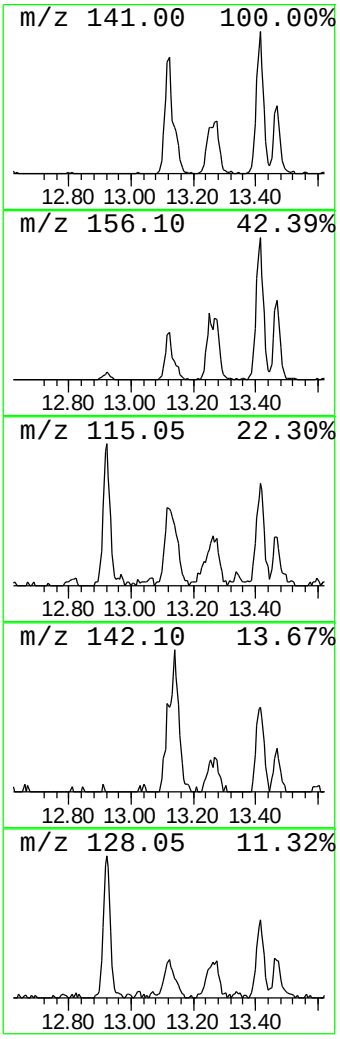
****

Peak Number 16 Naphthalene, 2-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.06 ng/ul	196279	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

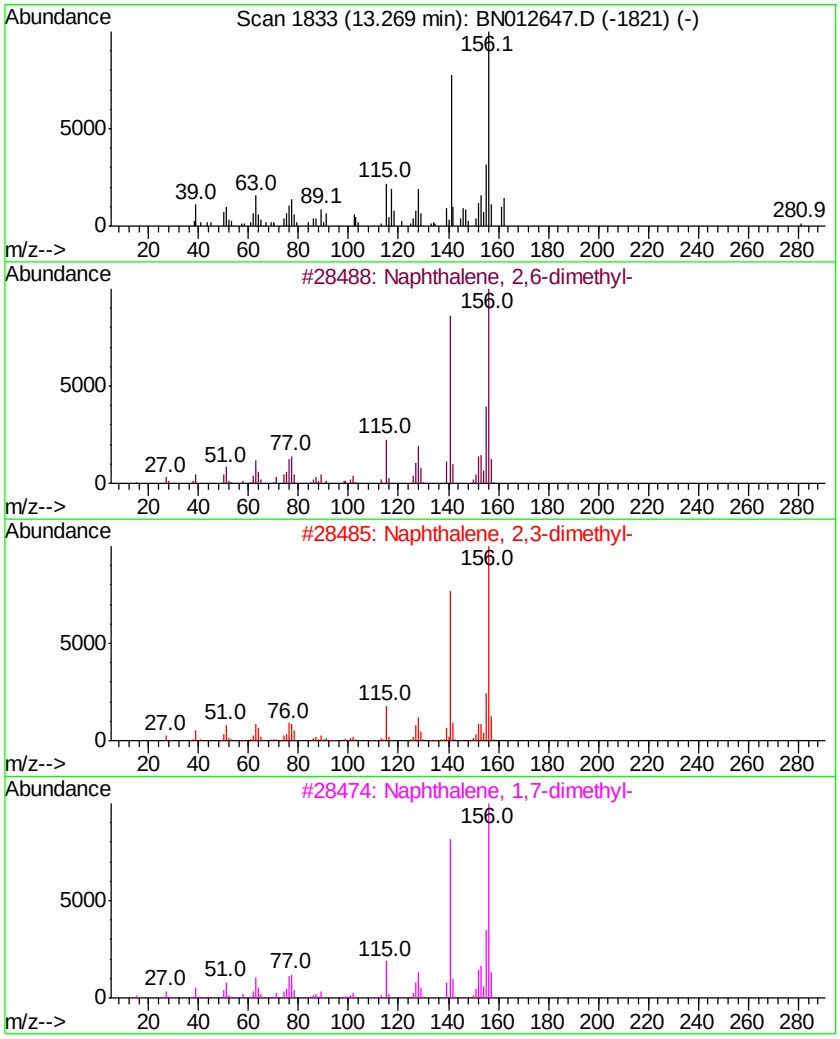
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

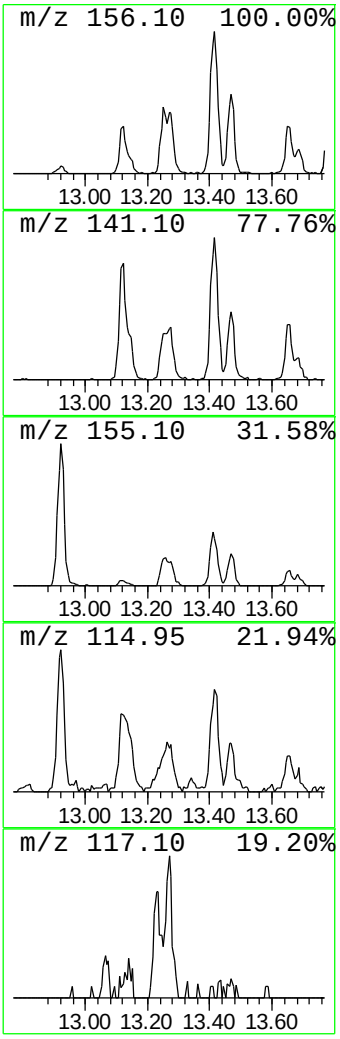
****

Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.70 ng/ul	351838	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

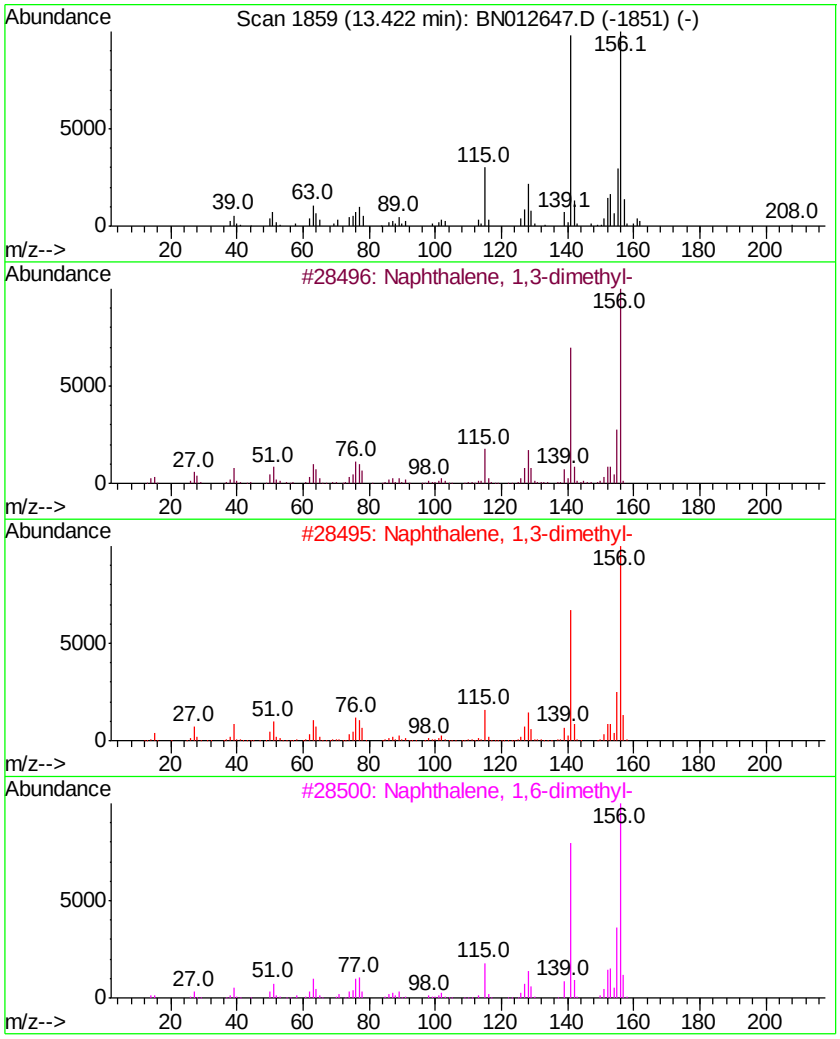
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

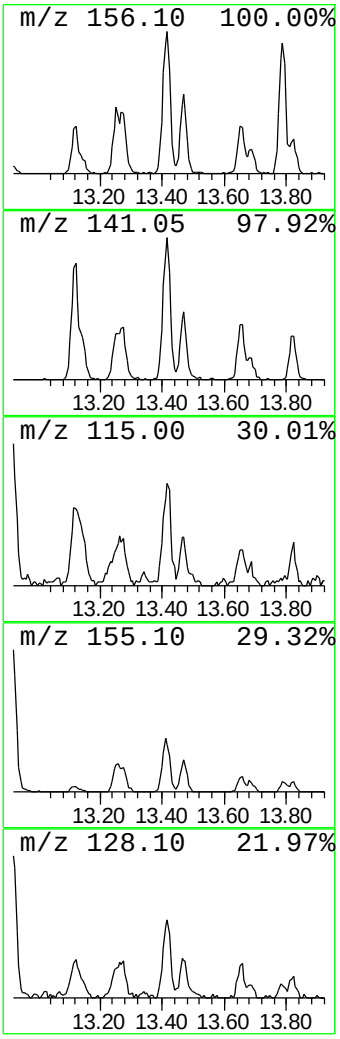
****

Peak Number 18 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	4.16 ng/ul	395604	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

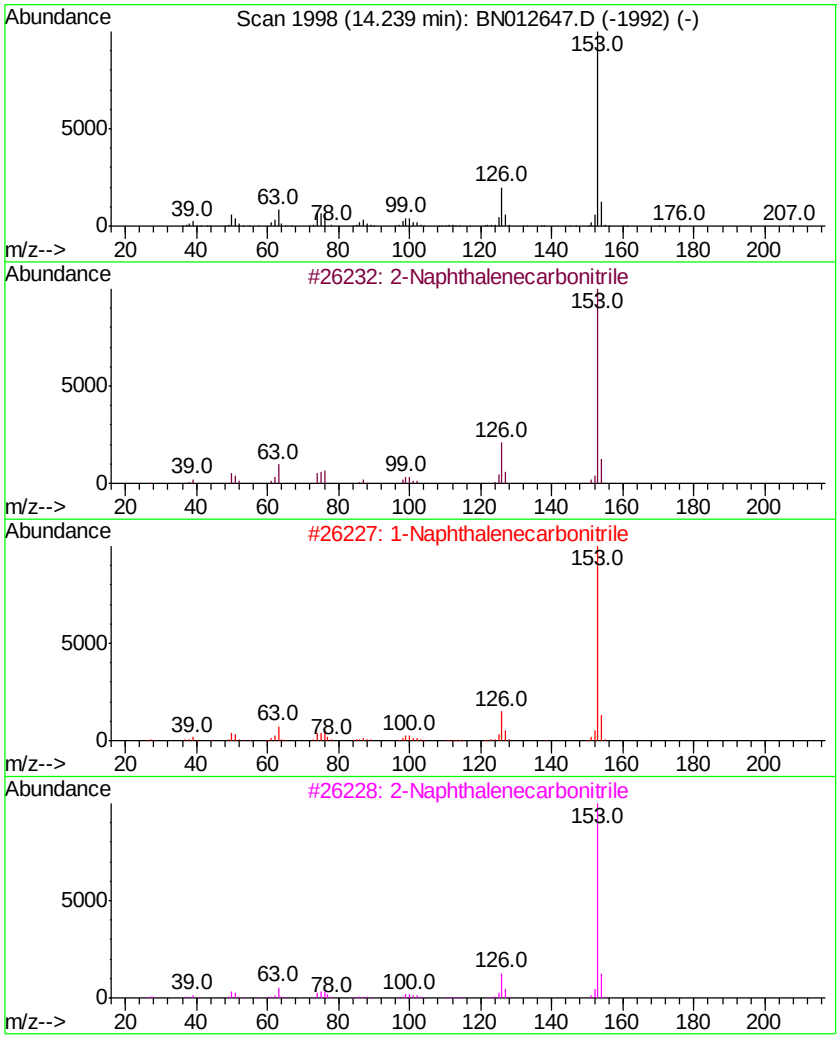
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

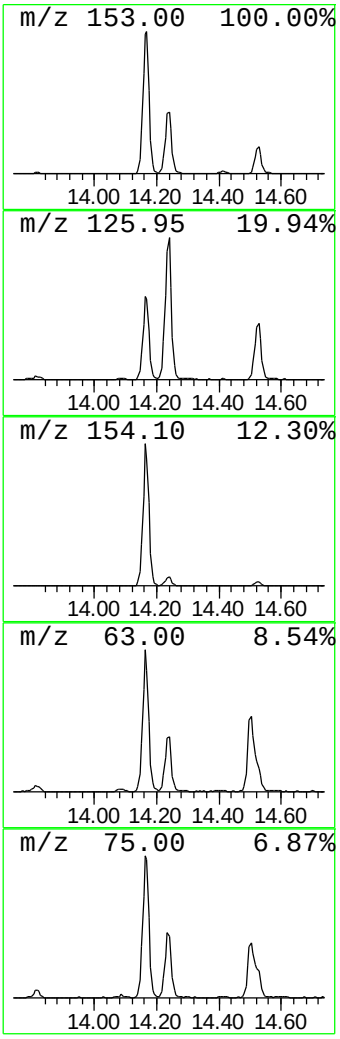
****

Peak Number 19 2-Naphthalenecarbonitrile Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	20.55 ng/ul	1955010	Acenaphthene-d10	14.10

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	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
5	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

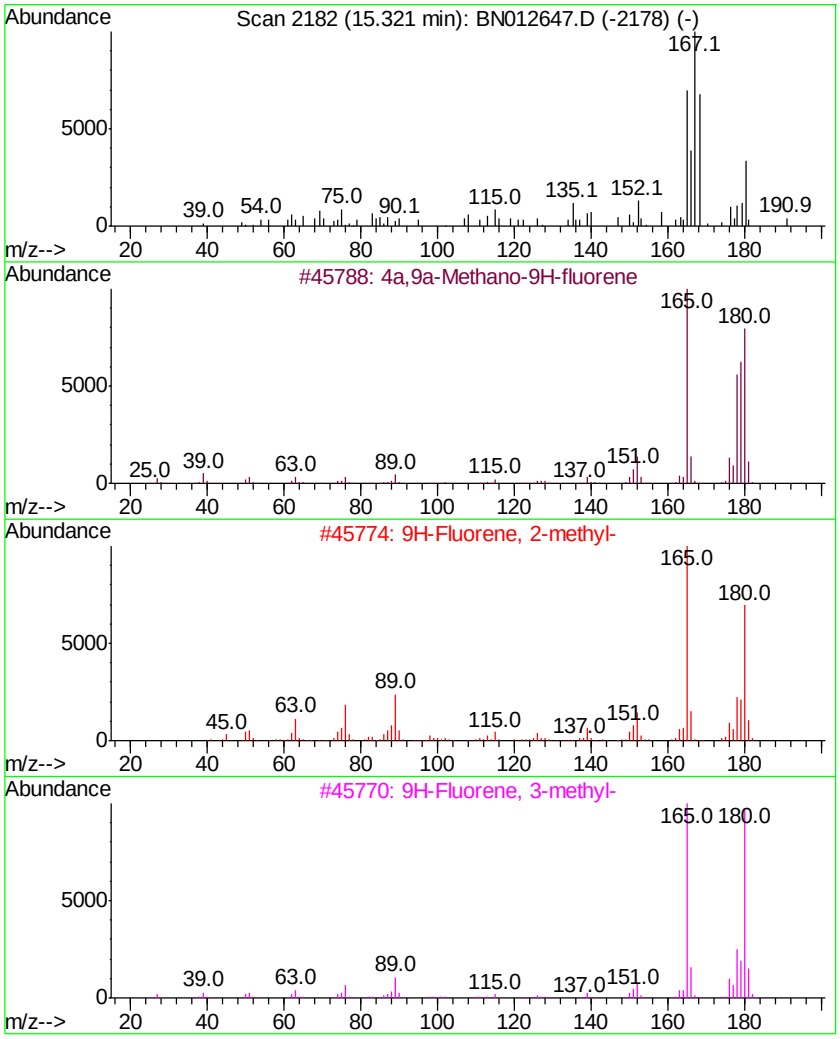
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

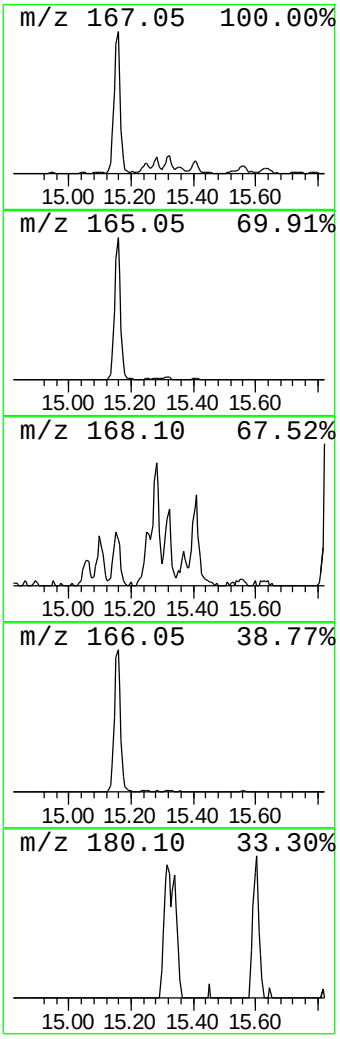
****

Peak Number 20 4a,9a-Methano-9H-fluorene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.15 ng/ul	204886	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	50
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	43
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	43
5	Silane, (4-methoxyphenyl)trimethyl-	180	C10H16OSi	000877-68-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

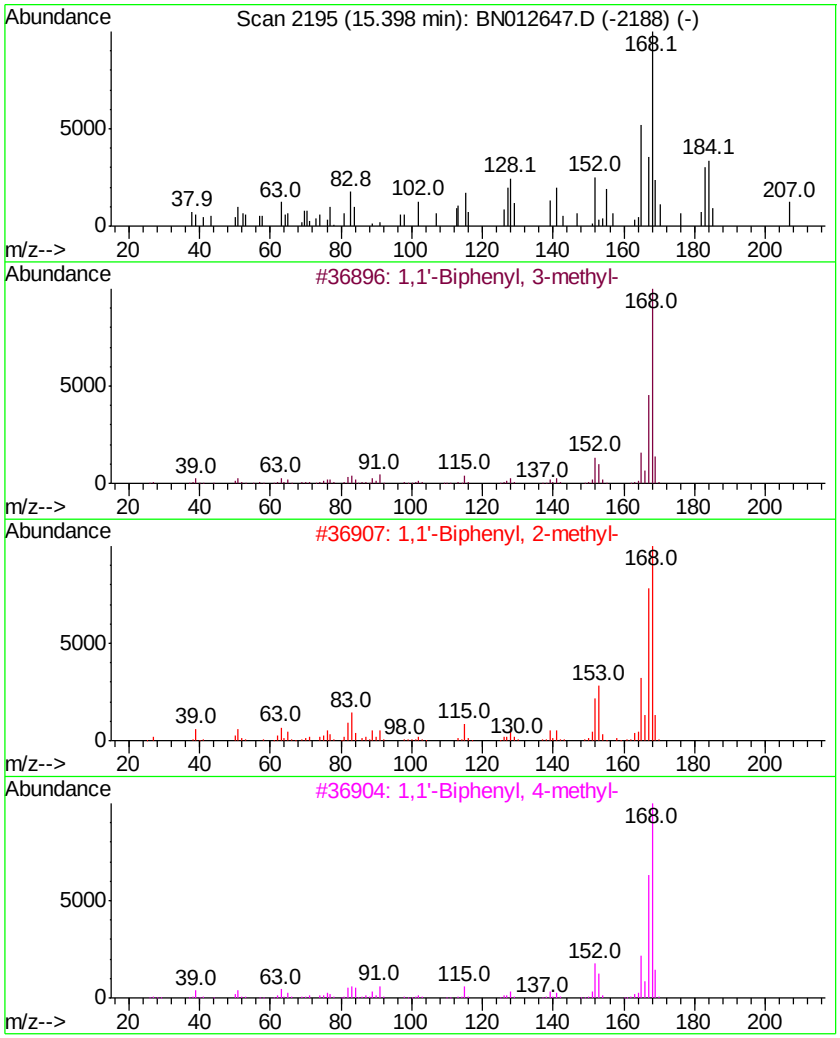
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

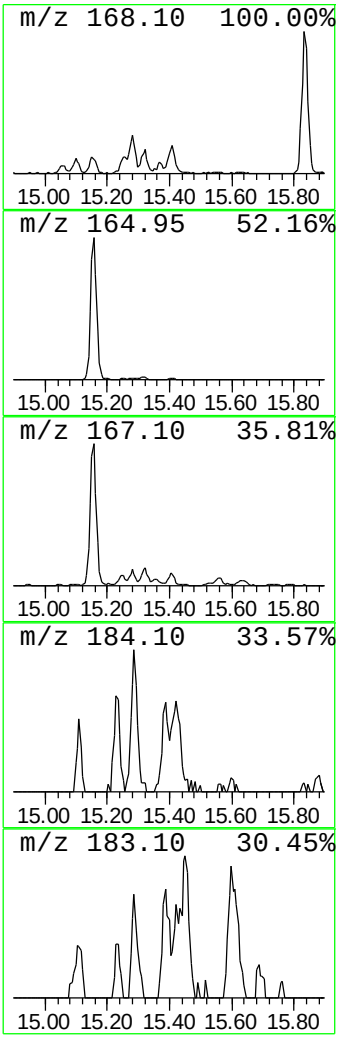
****

Peak Number 21 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	2.06 ng/ul	195579	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	47
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	47
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

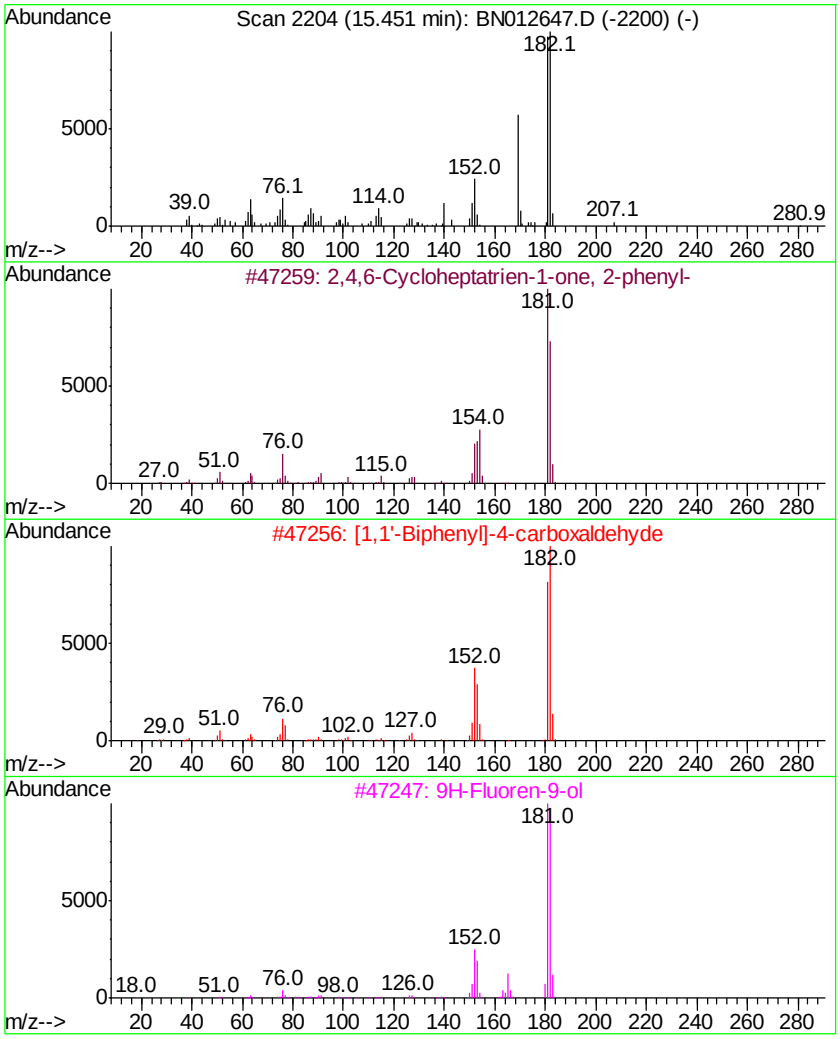
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

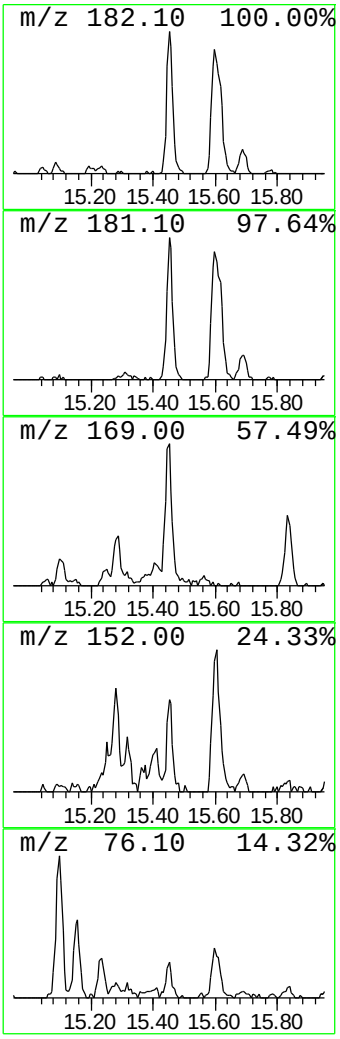
****

Peak Number 22 2,4,6-Cycloheptatrien-1-one... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	2.34 ng/ul	222756	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	62
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	53
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	52
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

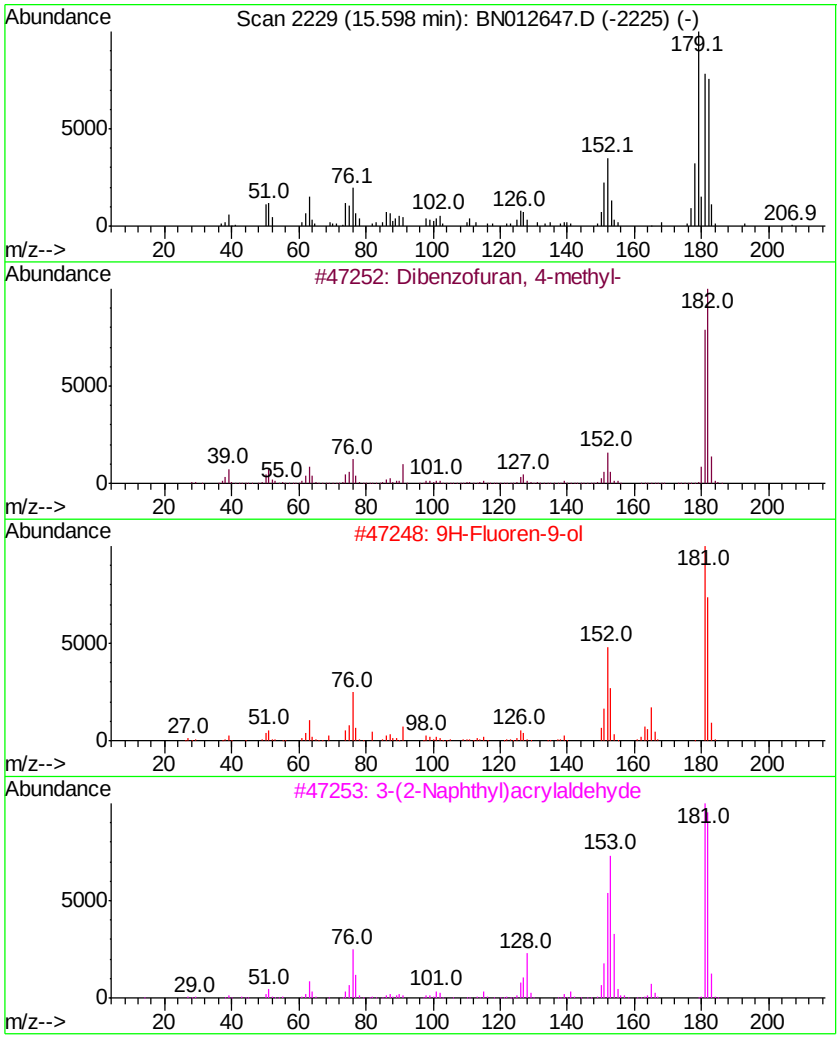
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

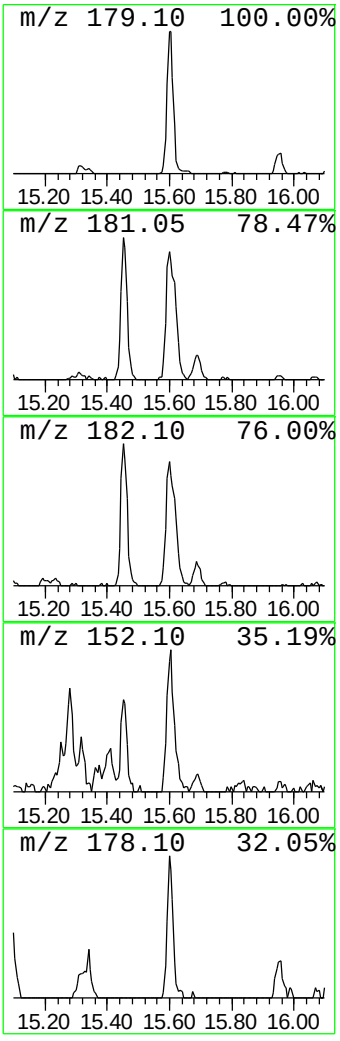
****

Peak Number 23 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.79 ng/ul	331663	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	60
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	53
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
5	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

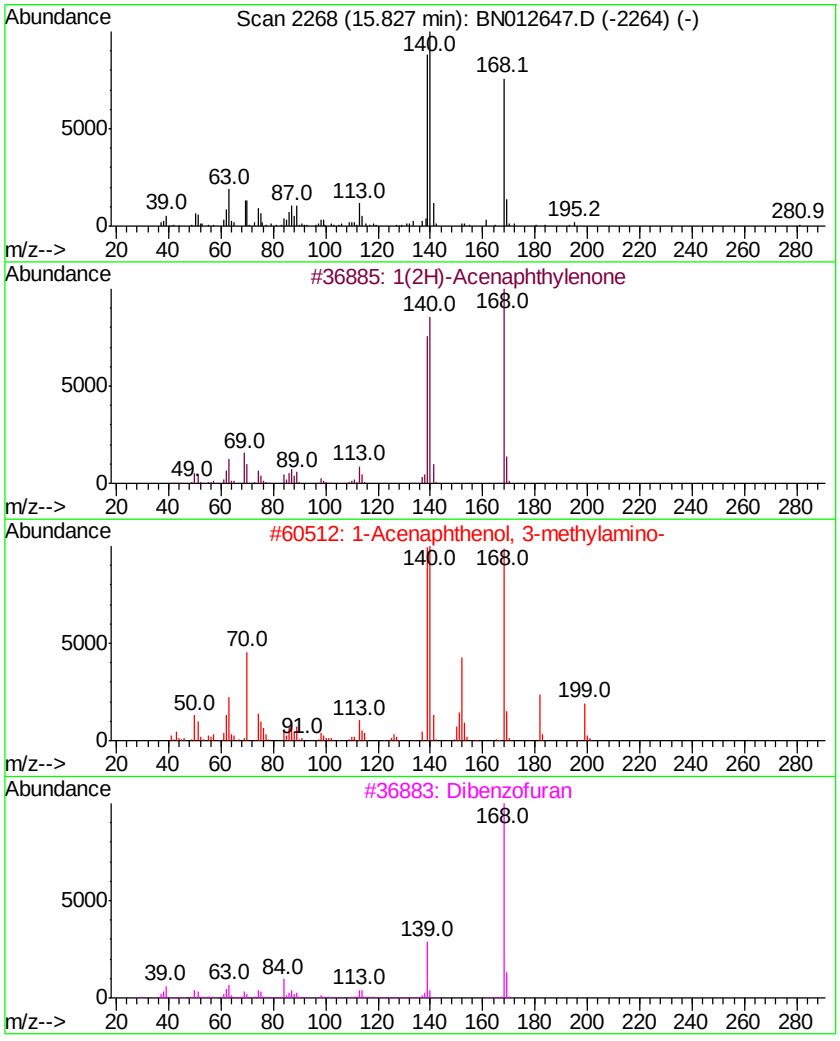
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

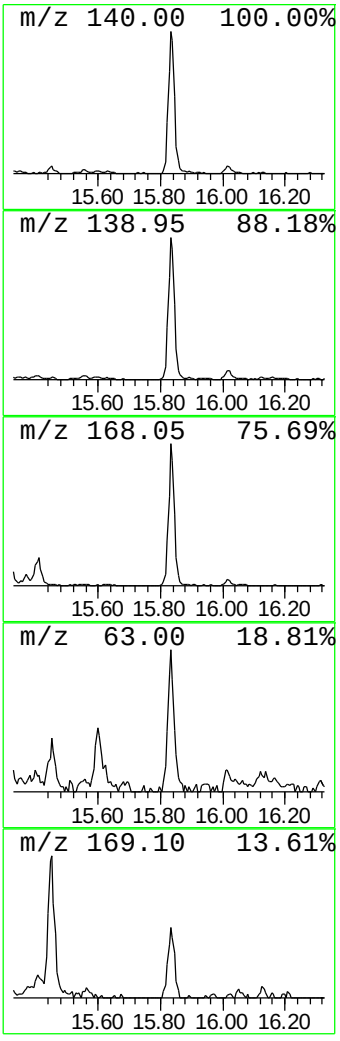
****

Peak Number 24 1(2H)-Acenaphthylenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.66 ng/ul	434644	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	90
2	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	83
3	Dibenzofuran	168	C12H8O	000132-64-9	58
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	47
5	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

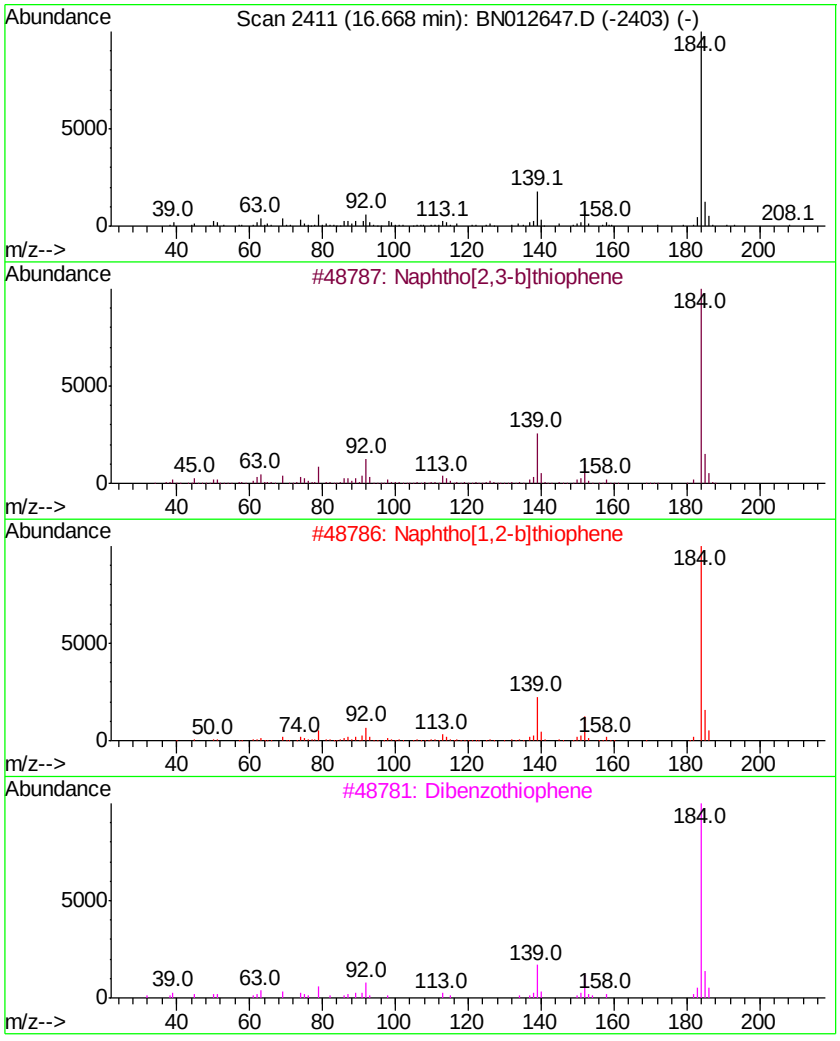
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

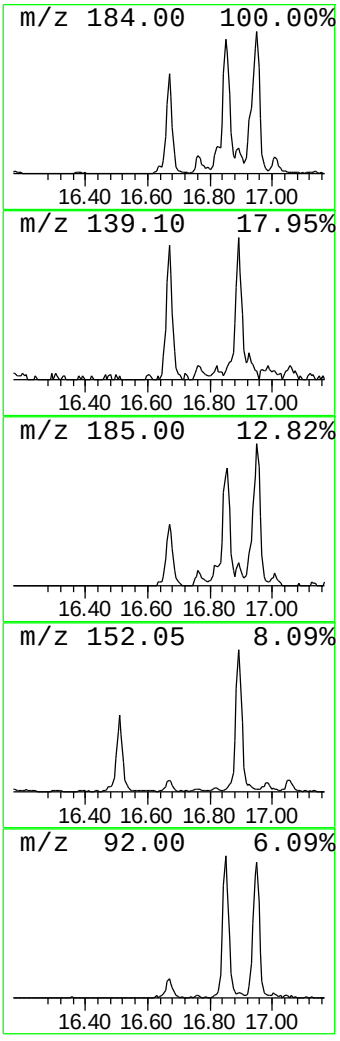
****

Peak Number 25 Naphtho[2,3-b]thiophene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	2.16 ng/ul	256676	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

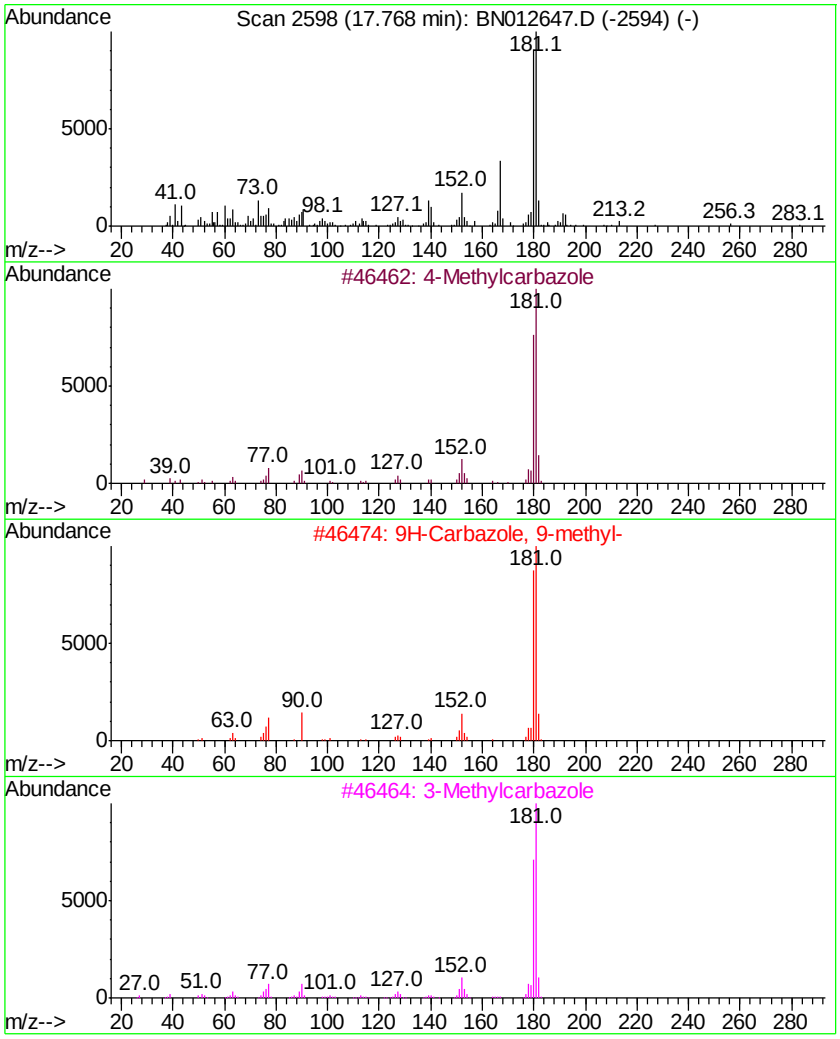
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

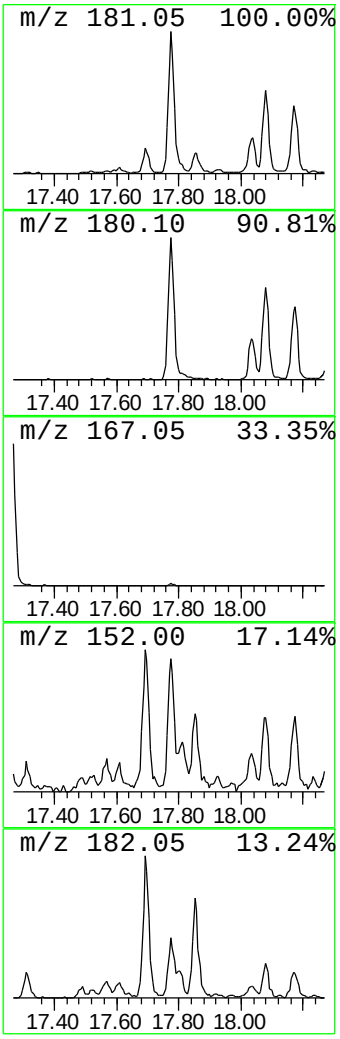
****

Peak Number 26 4-Methylcarbazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	6.37 ng/ul	756995	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	95
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
3	3-Methylcarbazole	181	C13H11N	004630-20-0	94
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	91
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

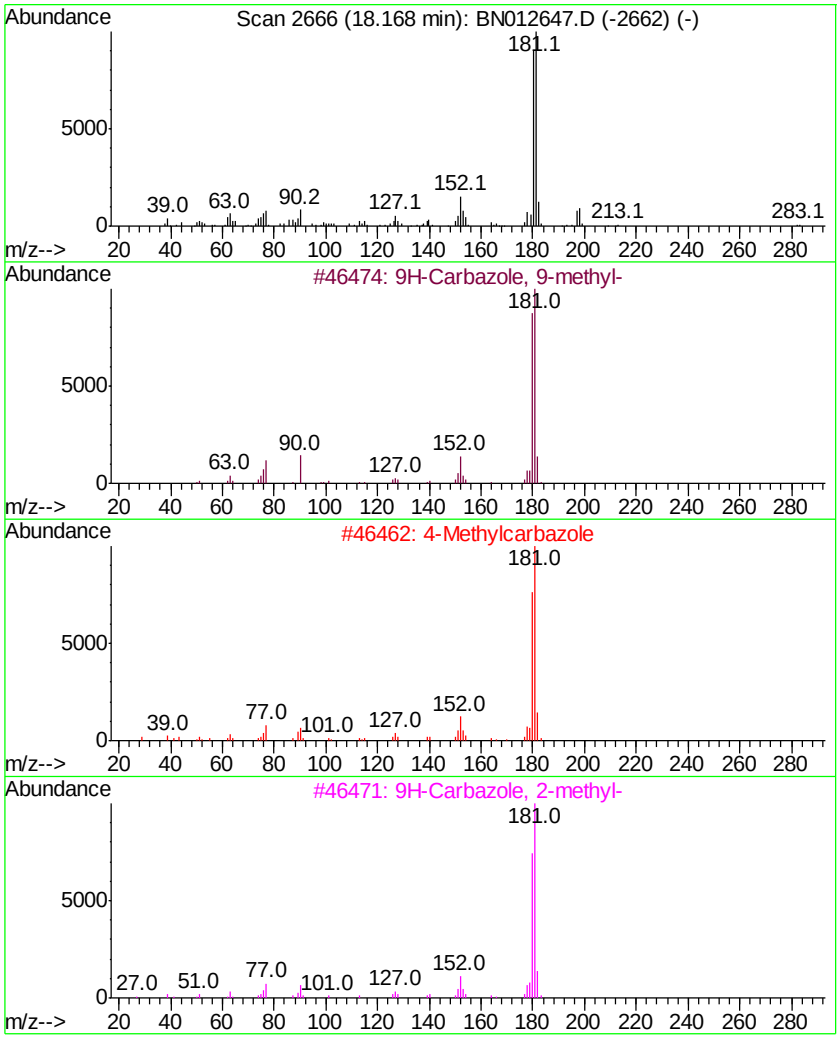
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

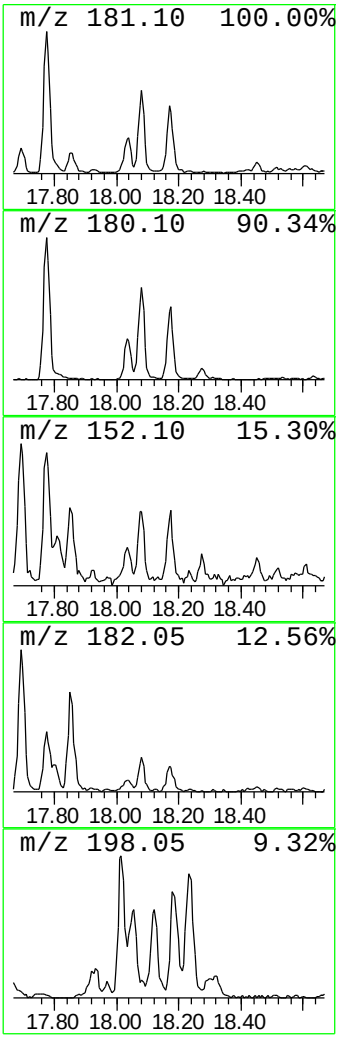
****

Peak Number 27 9H-Carbazole, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.75 ng/ul	326439	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	96
2	4-Methylcarbazole	181	C13H11N	003770-48-7	91
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	91
4	3-Methylcarbazole	181	C13H11N	004630-20-0	90
5	1-Methylcarbazole	181	C13H11N	006510-65-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

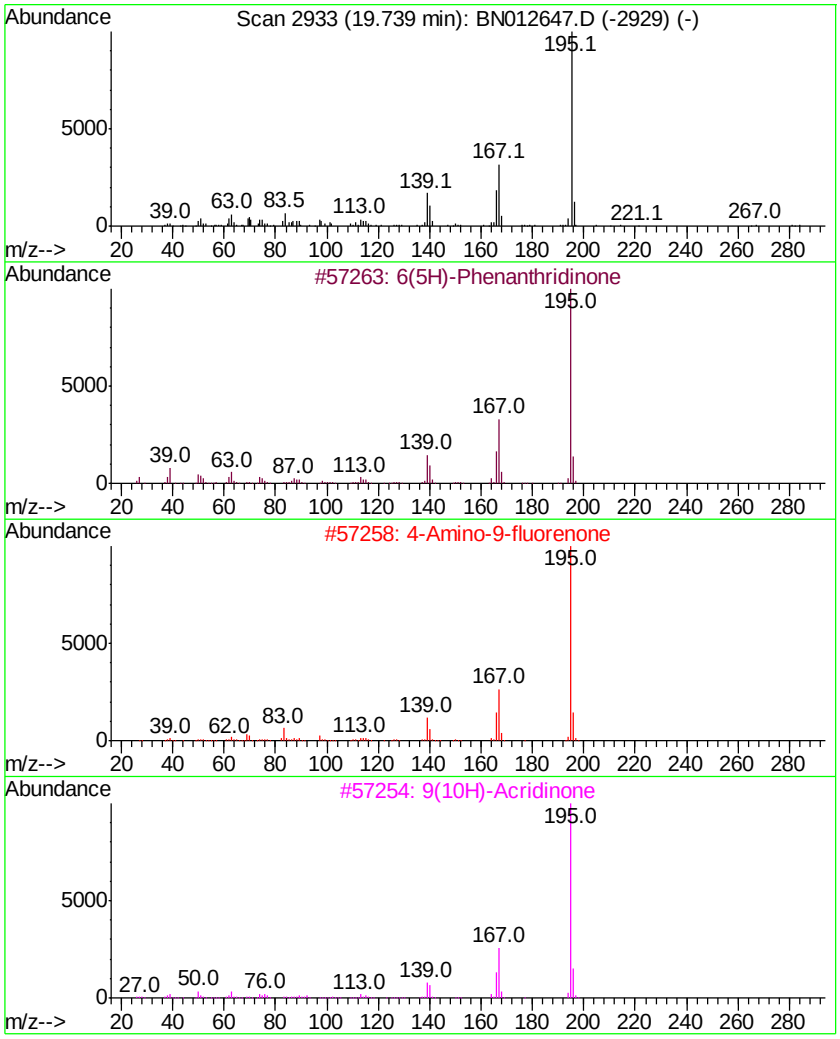
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

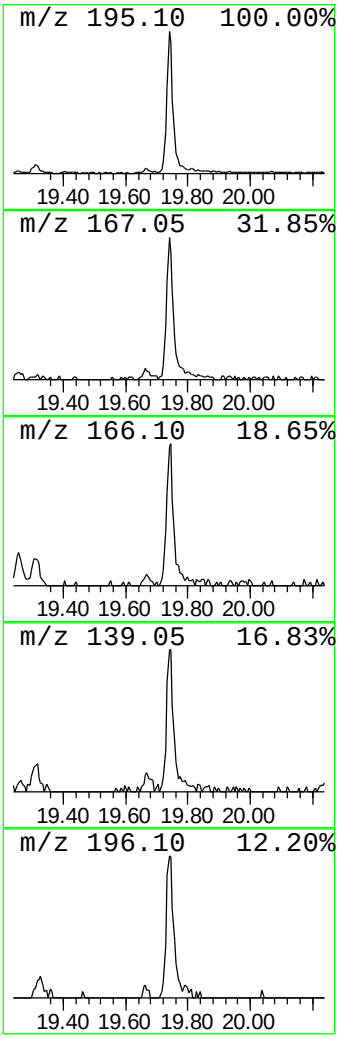
****

Peak Number 28 6(5H)-Phenanthridinone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.17 ng/ul	293638	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	94
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	91
4	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	91
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

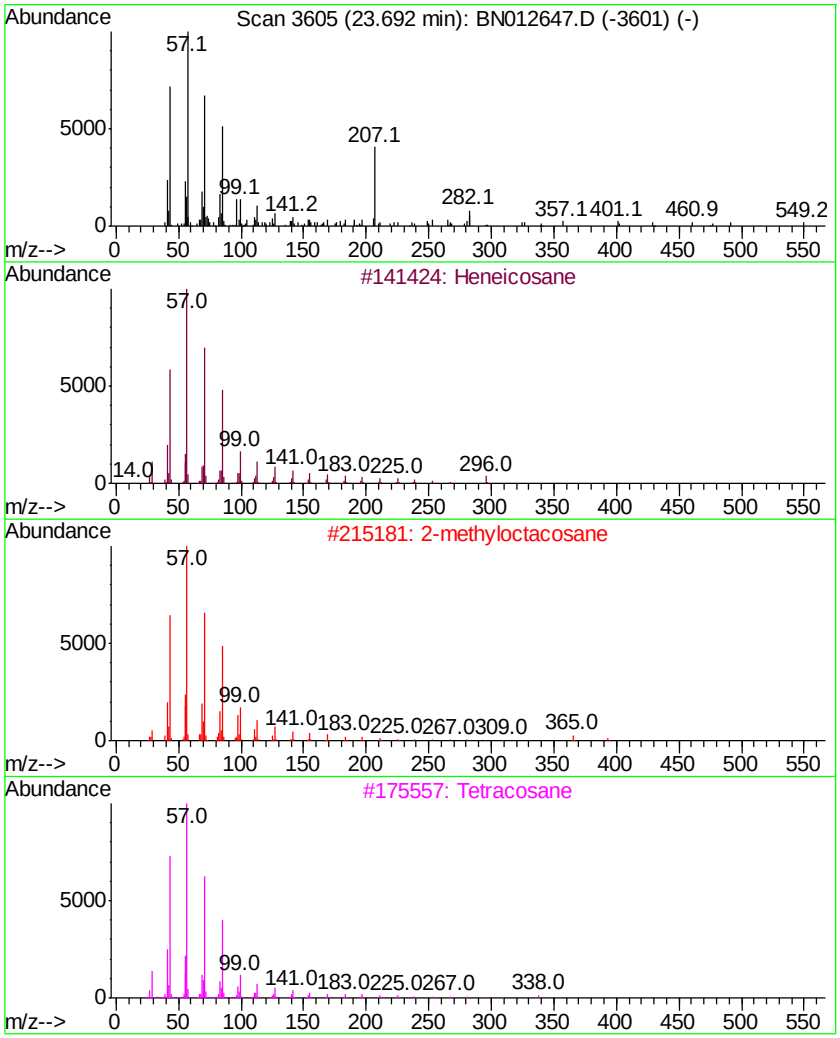
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

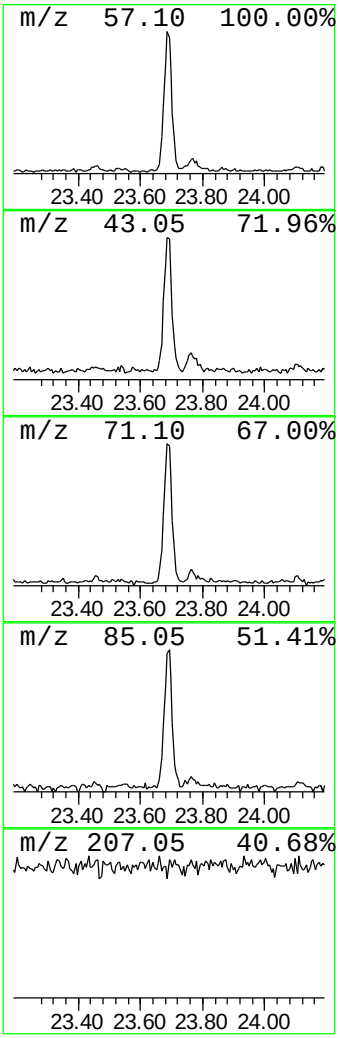
****

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	2.21 ng/ul	297610	Perylene-d12	23.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	70
2	2-methyloctacosane	408	C29H60	1000376-72-8	55
3	Tetracosane	338	C24H50	000646-31-1	55
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	55
5	Octacosane	394	C28H58	000630-02-4	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012647.D
Acq On : 20 Nov 2020 00:20
Operator : CG/JU
Sample : L4753-14DL 2X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.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
(DEL) Alkane: Cyc...	2.63	6.9	ng/ul	300106	1	7.44	868515	20.0
Butane, 2-methoxy...	2.72	11.1	ng/ul	481745	1	7.44	868515	20.0
Benzene, 1-ethyl-...	7.09	2.9	ng/ul	127613	1	7.44	868515	20.0
Benzofuran	7.16	2.5	ng/ul	106366	1	7.44	868515	20.0
Indane	7.80	10.7	ng/ul	462628	1	7.44	868515	20.0
Indene	7.97	46.9	ng/ul	2038240	1	7.44	868515	20.0
Benzofuran, 7-met...	8.78	2.8	ng/ul	123076	1	7.44	868515	20.0
Benzofuran, 2-met...	8.90	6.4	ng/ul	358237	2	10.22	1120700	20.0
Benzene, 2-etheny...	9.62	5.0	ng/ul	280776	2	10.22	1120700	20.0
Benzene, 1-butynyl-	9.72	2.3	ng/ul	126003	2	10.22	1120700	20.0
Benzo[c]thiophene	10.38	47.7	ng/ul	2673030	2	10.22	1120700	20.0
Benzo[b]thiophene...	11.32	2.4	ng/ul	134320	2	10.22	1120700	20.0
Benzo[b]thiophene...	11.77	3.7	ng/ul	205256	2	10.22	1120700	20.0
Benzo[b]thiophene...	12.00	2.2	ng/ul	121182	2	10.22	1120700	20.0
Naphthalene, 1-me...	12.10	68.7	ng/ul	3851540	2	10.22	1120700	20.0
Naphthalene, 2-et...	13.12	2.1	ng/ul	196279	3	14.10	1903020	20.0
Naphthalene, 2,6-...	13.27	3.7	ng/ul	351838	3	14.10	1903020	20.0
Naphthalene, 1,3-...	13.42	4.2	ng/ul	395604	3	14.10	1903020	20.0
2-Naphthalenecarb...	14.24	20.6	ng/ul	1955010	3	14.10	1903020	20.0
4a,9a-Methano-9H-...	15.32	2.1	ng/ul	204886	3	14.10	1903020	20.0
unknown-01	15.40	2.1	ng/ul	195579	3	14.10	1903020	20.0
2,4,6-Cycloheptat...	15.45	2.3	ng/ul	222756	3	14.10	1903020	20.0
Dibenzofuran, 4-m...	15.60	2.8	ng/ul	331663	4	16.85	2377040	20.0
1(2H)-Acenaphthyl...	15.83	3.7	ng/ul	434644	4	16.85	2377040	20.0
Naphtho[2,3-b]thi...	16.67	2.2	ng/ul	256676	4	16.85	2377040	20.0
4-Methylcarbazole	17.77	6.4	ng/ul	756995	4	16.85	2377040	20.0
9H-Carbazole, 9-m...	18.17	2.8	ng/ul	326439	4	16.85	2377040	20.0
6(5H)-Phenanthrid...	19.74	2.2	ng/ul	293638	5	21.06	2705600	20.0
(DEL) Alkane: Str...	23.69	2.2	ng/ul	297610	6	23.18	2691620	20.0