LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009896.D
Acq On : 25 Feb 2020 12:05
Operator : CG/JU
Sample : L1582-04DL2 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ6DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	355	359	369	rVB3	8011	14505	0.21%	0.069%
2	6.505	594	598	602	rBV3	12162	16832	0.25%	0.080%
3	6.634	616	620	628	rVB	17435	27104	0.40%	0.130%
4	6.769	637	643	645	rBV2	7382	12592	0.19%	0.060%
5	6.946	667	673	681	rVB4	7814	14189	0.21%	0.068%
6	7.046	686	690	696	rVB	38943	58238	0.86%	0.278%
7	7.387	741	748	763	rBV	417455	666417	9.80%	3.185%
8	7.499	763	767	769	rVV2	13805	20460	0.30%	0.098%
9	7.522	769	771	777	rVB2	19455	27355	0.40%	0.131%
10	7.746	803	809	817	rBV	109686	172631	2.54%	0.825%
11	7.910	831	837	847	rVB	142121	246010	3.62%	1.176%
12	8.134	870	875	880	rBV4	4375	8703	0.13%	0.042%
13	8.552	942	946	952	rVV3	15264	26637	0.39%	0.127%
14	8.604	952	955	960	rVB3	12752	16101	0.24%	0.077%
15	8.722	972	975	983	rVB2	12697	17986	0.26%	0.086%
16	8.852	989	997	1002	rBV2	23586	46780	0.69%	0.224%
17	8.910	1004	1007	1012	rVV3	6344	9069	0.13%	0.043%
18	8.999	1015	1022	1027	rBV3	4085	7553	0.11%	0.036%
19	9.281	1062	1070	1075	rVB8	10152	21787	0.32%	0.104%
20	9.399	1082	1090	1097	rVB4	13704	28223	0.41%	0.135%
21	9.522	1104	1111	1113	rBV	55271	85969	1.26%	0.411%
22	9.557	1113	1117	1127	rVV5	51251	109016	1.60%	0.521%
23	9.646	1127	1132	1134	rVV3	12725	18285	0.27%	0.087%
24	9.681	1134	1138	1147	rVB5	31736	54219	0.80%	0.259%
25	9.822	1156	1162	1168	rBV4	4719	8784	0.13%	0.042%
26	10.134	1208	1215	1218	rBV	566914	939951	13.82%	4.492%
27	10.181	1218	1223	1237	rVV	4222871	6801466	100.00%	32.506%
28	10.299	1237	1243	1250	rVB	98928	168364	2.48%	0.805%
29	11.569	1455	1459	1472	rVB5	5922	13921	0.20%	0.067%
30	11.693	1474	1480	1487	rVB	15814	24558	0.36%	0.117%
31	11.804	1492	1499	1507	rBV	555409	904986	13.31%	4.325%
32	11.934	1515	1521	1526	rBV2	13493	23294	0.34%	0.111%
33	12.028	1526	1537	1548	rVB	315646	550366	8.09%	2.630%
34	12.851	1672	1677	1686	rBV	97953	153122	2.25%	0.732%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009896.D
Acq On : 25 Feb 2020 12:05
Operator : CG/JU
Sample : L1582-04DL2 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ6DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	13.051	1705	1711	1721	rVB	31197	55795	0.82%	0.267%
36	13.192	1729	1735	1737	rBV4	32662	61383	0.90%	0.293%
37	13.345	1753	1761	1766	rBV2	59743	103963	1.53%	0.497%
38	13.404	1766	1771	1775	rVV2	35448	51963	0.76%	0.248%
39	13.463	1775	1781	1786	rVB	29214	44074	0.65%	0.211%
40	13.587	1798	1802	1806	rBV2	20804	31130	0.46%	0.149%
41	13.616	1806	1807	1815	rVV4	8476	7454	0.11%	0.036%
42	13.716	1819	1824	1827	rBV2	34421	47461	0.70%	0.227%
43	13.751	1829	1830	1835	rVB4	13618	12730	0.19%	0.061%
44	14.022	1870	1876	1882	rBV2	824866	1244670	18.30%	5.949%
45	14.092	1882	1888	1899	rVB	568053	853379	12.55%	4.079%
46	14.181	1899	1903	1911	rVB	50952	85158	1.25%	0.407%
47	14.345	1925	1931	1935	rBV	20945	27325	0.40%	0.131%
48	14.434	1940	1946	1952	rVV	306072	439956	6.47%	2.103%
49	14.486	1952	1955	1965	rVB2	17545	41309	0.61%	0.197%
50	14.657	1977	1984	1989	rBV5	3826	6965	0.10%	0.033%
51	15.034	2042	2048	2052	rBV	52668	69002	1.01%	0.330%
52	15.086	2052	2057	2066	rVV	295270	419064	6.16%	2.003%
53	15.186	2071	2074	2075	rVV2	8913	8461	0.12%	0.040%
54	15.216	2075	2079	2082	rVV3	16297	26383	0.39%	0.126%
55	15.251	2082	2085	2090	rVV	30363	37863	0.56%	0.181%
56	15.310	2090	2095	2097	rVV5	6292	9044	0.13%	0.043%
57	15.339	2097	2100	2104	rVV4	12092	16185	0.24%	0.077%
58	15.392	2104	2109	2116	rVB	28319	39355	0.58%	0.188%
59	15.545	2130	2135	2145	rBV3	25254	55042	0.81%	0.263%
60	15.628	2145	2149	2153	rVB6	4107	7261	0.11%	0.035%
61	15.781	2168	2175	2184	rBV2	43385	73780	1.08%	0.353%
62	15.886	2190	2193	2198	rBV2	6957	7794	0.11%	0.037%
63	16.104	2224	2230	2234	rVB4	9141	14653	0.22%	0.070%
64	16.604	2309	2315	2320	rVB	29353	39579	0.58%	0.189%
65	16.781	2339	2345	2350	rBV	1008821	1466781	21.57%	7.010%
66	16.828	2350	2353	2359	rVB	372814	496946	7.31%	2.375%
67	16.892	2359	2364	2368	rBV2	49247	73960	1.09%	0.353%
68	17.204	2412	2417	2424	rBV	119707	176623	2.60%	0.844%
69	17.722	2499	2505	2509	rBV4	9901	14952	0.22%	0.071%
70	17.857	2524	2528	2533	rVB2	17485	25244	0.37%	0.121%
71	18.127	2568	2574	2578	rVB5	2808	6952	0.10%	0.033%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009896.D
Acq On : 25 Feb 2020 12:05
Operator : CG/JU
Sample : L1582-04DL2 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ6DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	18.863	2694	2699	2705	rVB	20620	27107	0.40%	0.130%
73	19.198	2751	2756	2760	rBV2	62098	89669	1.32%	0.429%
74	19.622	2823	2828	2832	rBV6	3301	7686	0.11%	0.037%
75	20.751	3017	3020	3024	rBV5	18319	24393	0.36%	0.117%
76	20.804	3026	3029	3035	rVV2	32984	47575	0.70%	0.227%
77	21.004	3058	3063	3075	rBV	1237327	1548783	22.77%	7.402%
78	22.504	3316	3318	3323	rVB3	48772	53948	0.79%	0.258%
79	23.015	3403	3405	3411	rVB2	62658	85509	1.26%	0.409%
80	23.104	3413	3420	3430	rBV	848840	1523683	22.40%	7.282%

Sum of corrected areas: 20923465

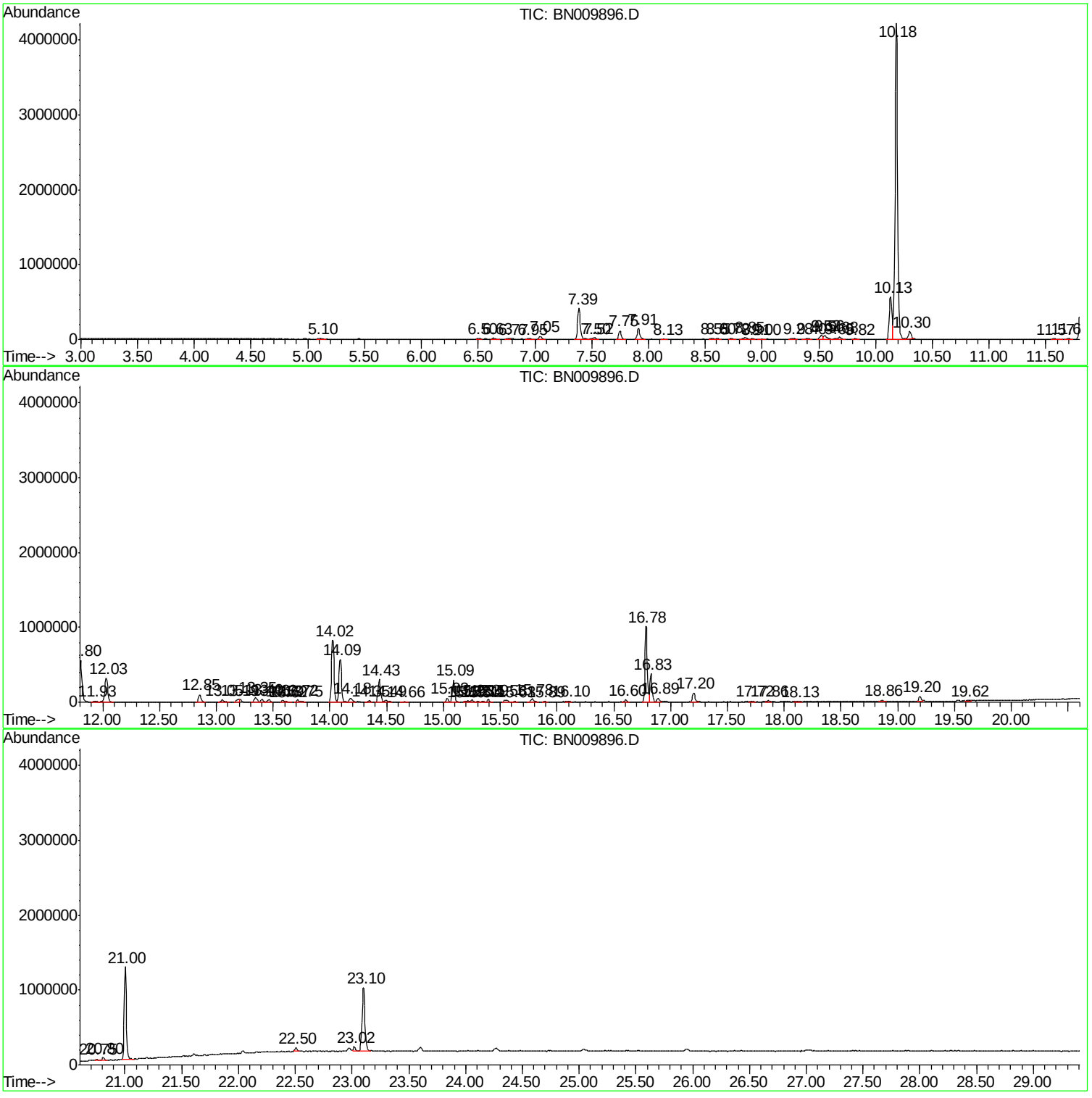
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009896.D
Acq On : 25 Feb 2020 12:05
Operator : CG/JU
Sample : L1582-04DL2 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ6DL2

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009896.D
Acq On : 25 Feb 2020 12:05
Operator : CG/JU
Sample : L1582-04DL2 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ6DL2

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

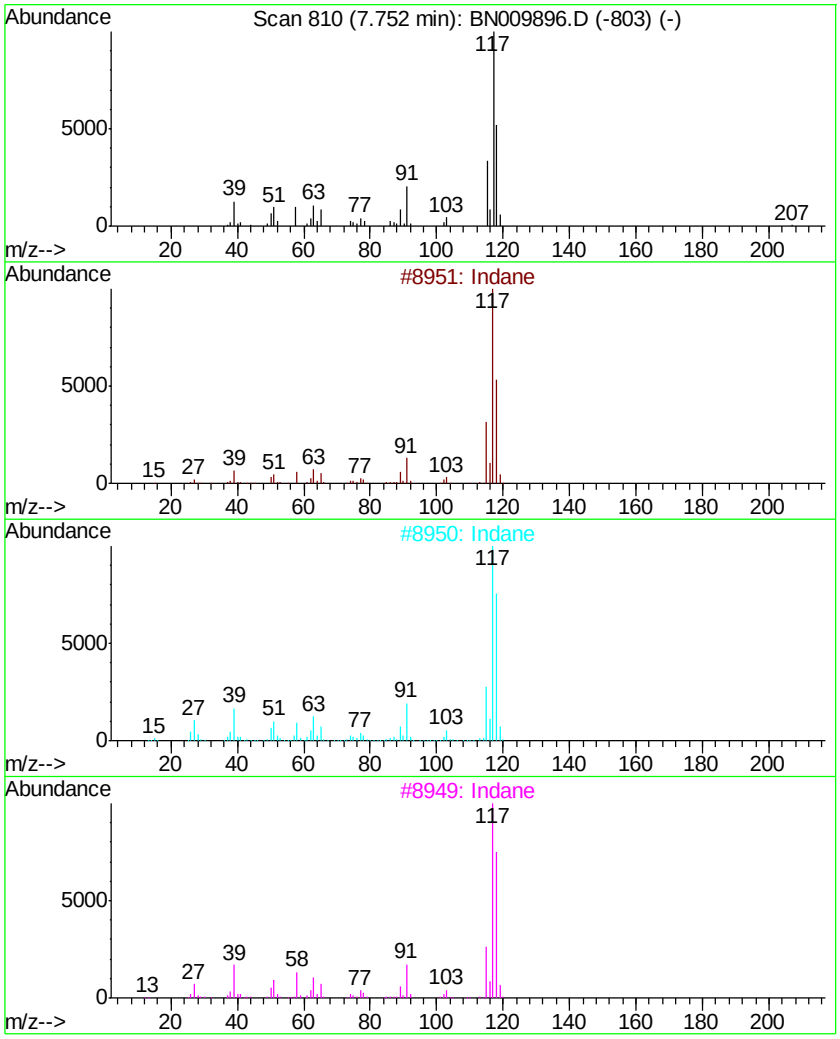
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

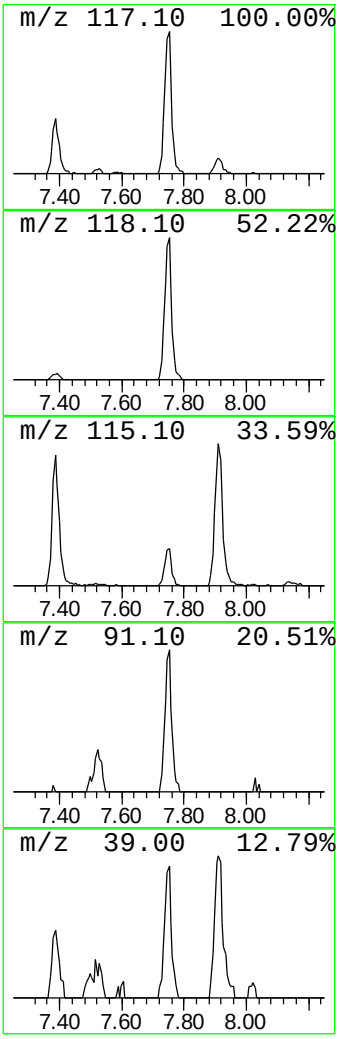
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	5.18 ng/ul	172631	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	94
3	Indane	118	C9H10	000496-11-7	93
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009896.D
Acq On : 25 Feb 2020 12:05
Operator : CG/JU
Sample : L1582-04DL2 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ6DL2

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

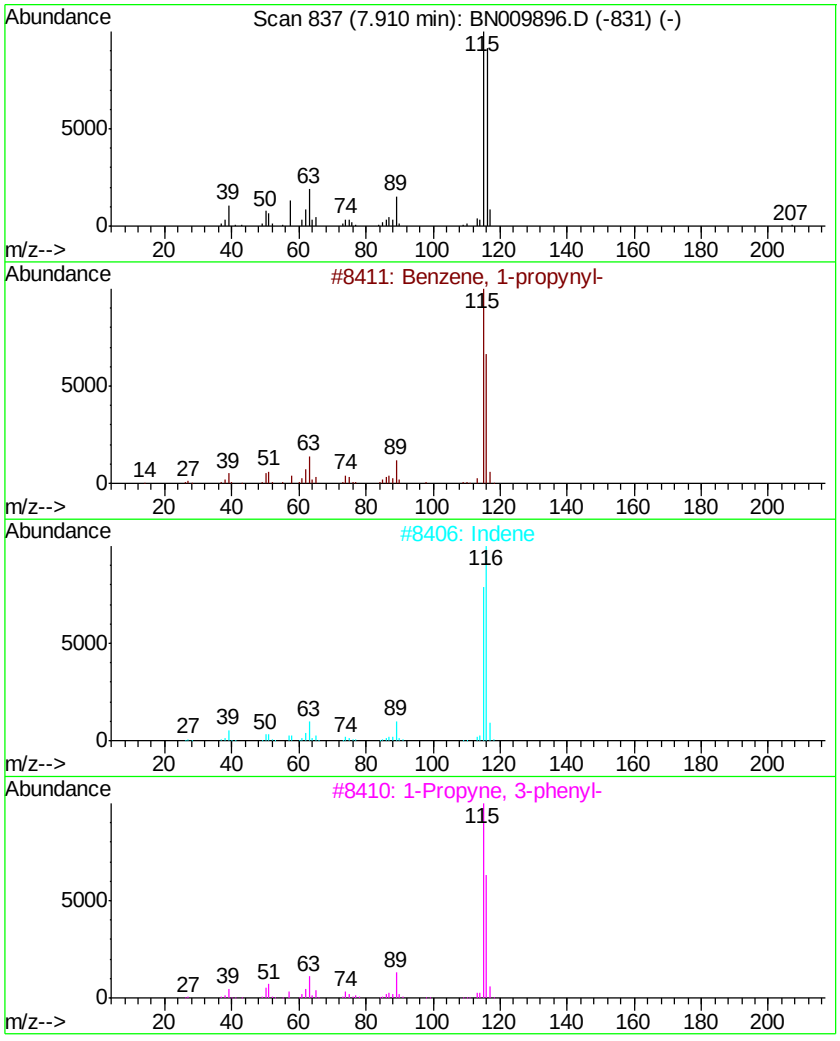
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

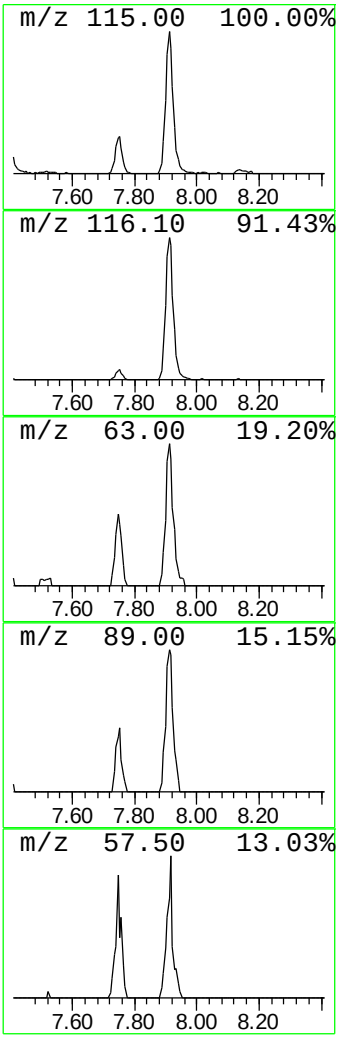
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	7.38 ng/ul	246010	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	94
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009896.D
Acq On : 25 Feb 2020 12:05
Operator : CG/JU
Sample : L1582-04DL2 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ6DL2

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

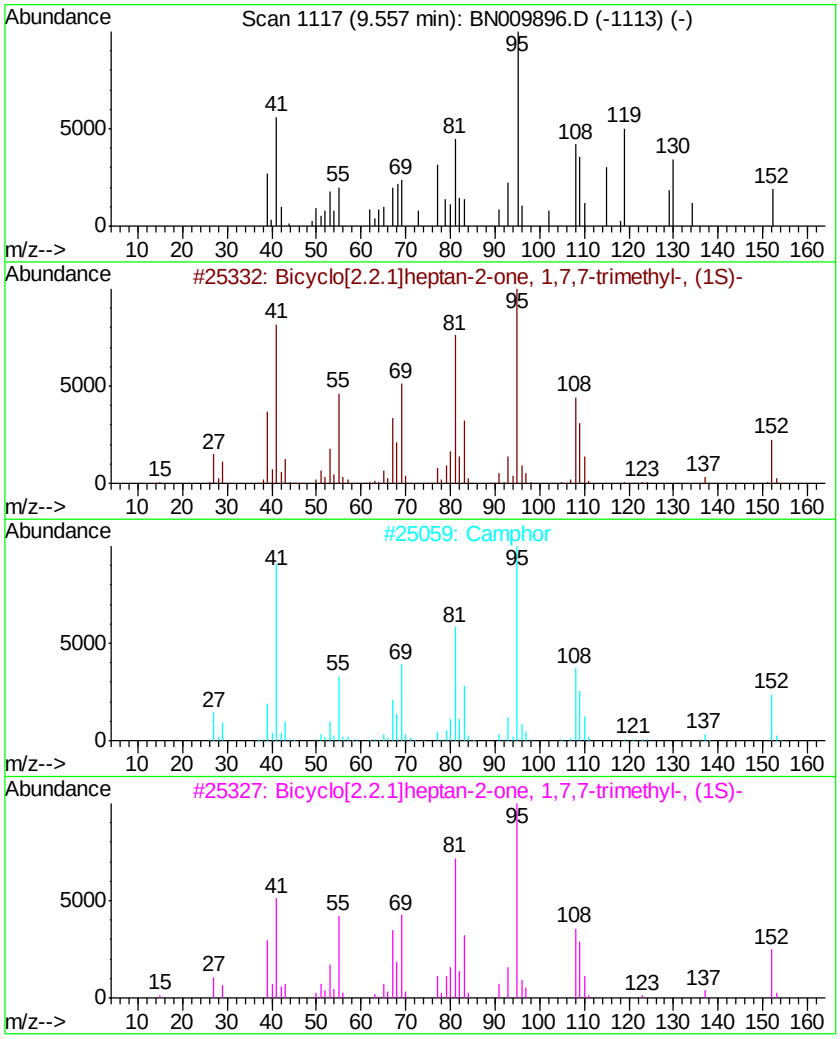
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

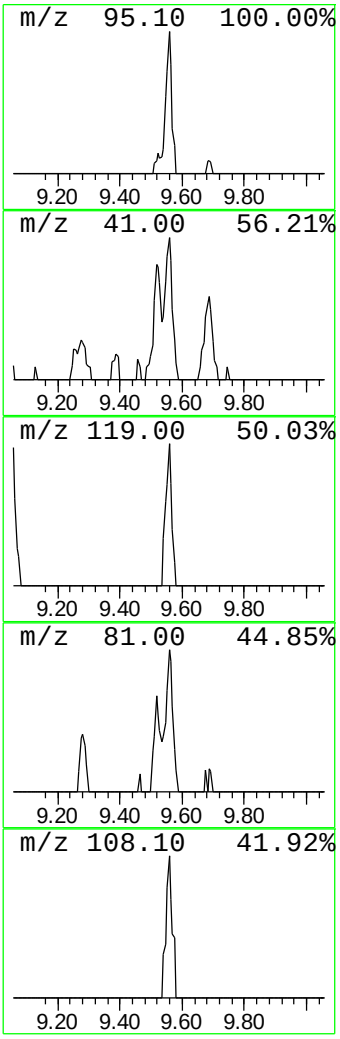
****

Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	2.32 ng/ul	109016	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	60
2	Camphor	152	C10H16O	000076-22-2	60
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	60
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	53
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009896.D
Acq On : 25 Feb 2020 12:05
Operator : CG/JU
Sample : L1582-04DL2 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ6DL2

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

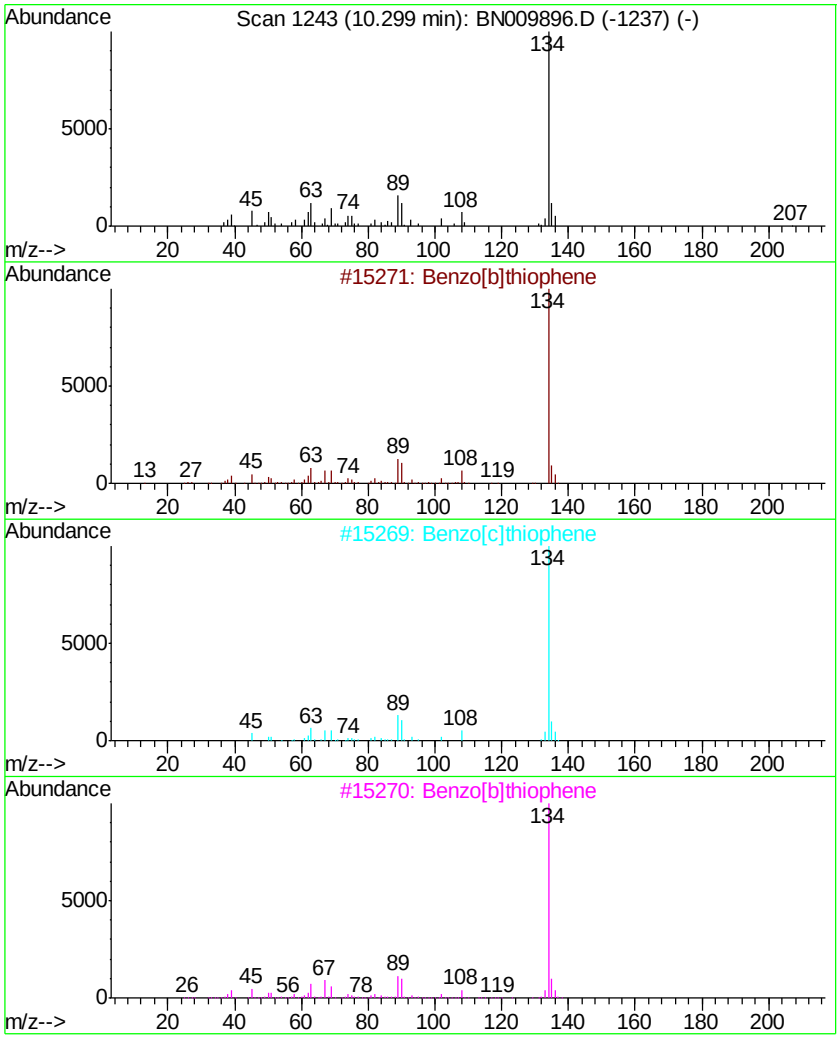
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

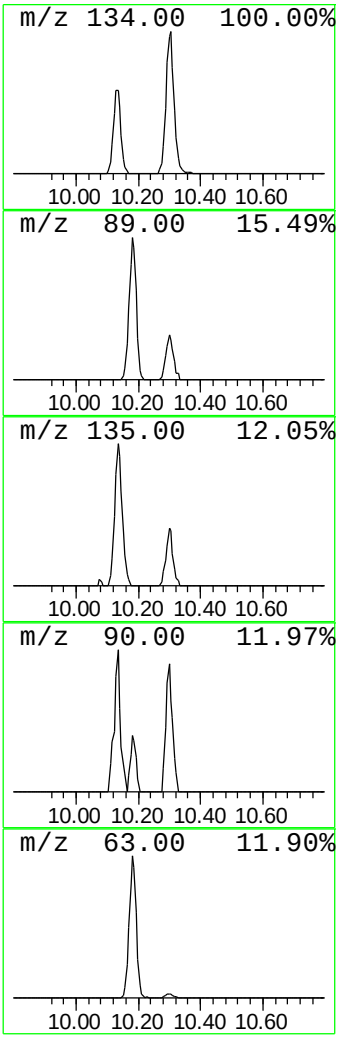
****

Peak Number 4 Benzo[b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	3.58 ng/ul	168364	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009896.D
Acq On : 25 Feb 2020 12:05
Operator : CG/JU
Sample : L1582-04DL2 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ6DL2

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

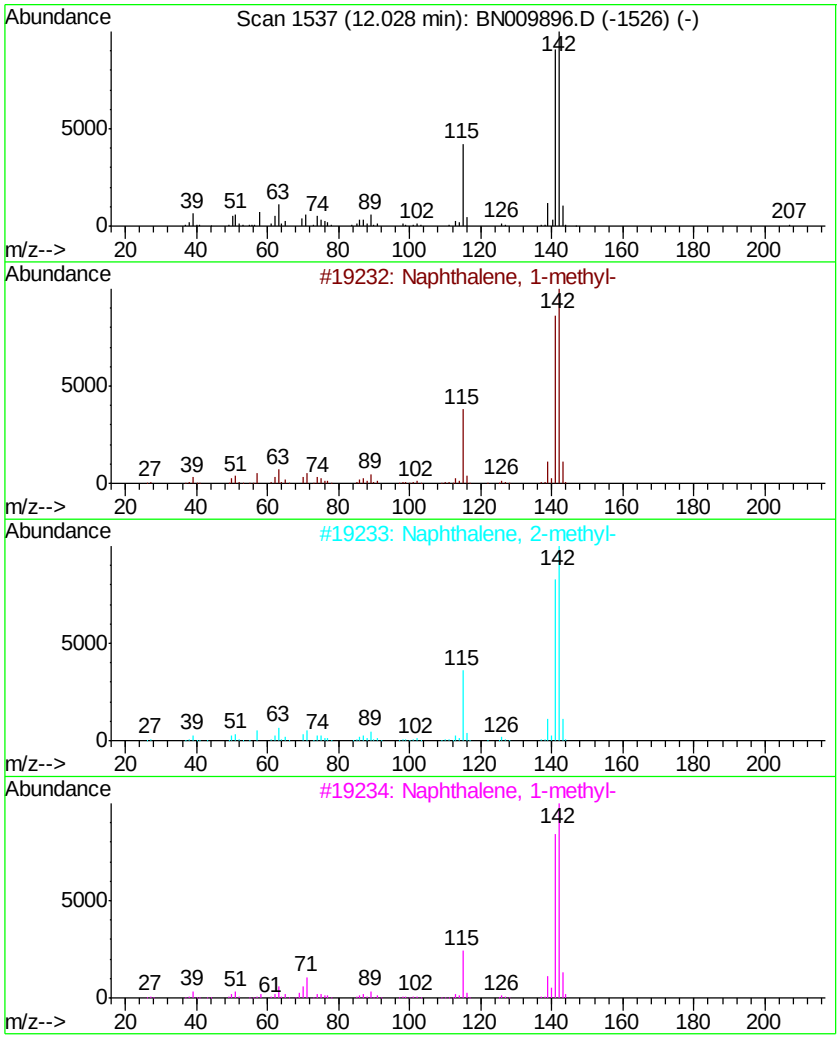
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

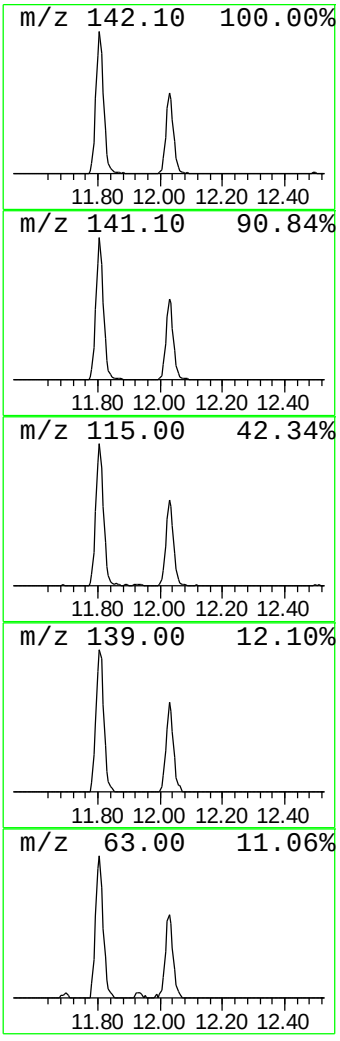
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	11.71 ng/ul	550366	Naphthalene-d8	10.13

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, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009896.D
Acq On : 25 Feb 2020 12:05
Operator : CG/JU
Sample : L1582-04DL2 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ6DL2

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	7.75	5.2	ng/ul	172631	1	7.39	666417	20.0
Benzene, 1-propynyl-	7.91	7.4	ng/ul	246010	1	7.39	666417	20.0
Bicyclo[2.2.1]hep...	9.56	2.3	ng/ul	109016	2	10.13	939951	20.0
Benzo[b]thiophene	10.30	3.6	ng/ul	168364	2	10.13	939951	20.0
Naphthalene, 1-me...	12.03	11.7	ng/ul	550366	2	10.13	939951	20.0