LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

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-BN081420MA.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	3.769	129	133	137	rBV2	11029	15581	0.31%	0.052%
2	5.010	339	344	350	rBV	10983	16582	0.34%	0.055%
3	5.951	500	504	508	rBV2	11373	17090	0.35%	0.057%
4	6.622	613	618	625	rBV3	19256	32310	0.65%	0.107%
5	6.781	639	645	651	rBV	74163	124652	2.52%	0.415%
6	6.963	669	676	682	rBV	91299	144248	2.92%	0.480%
7	7.416	747	753	762	rBV	646523	992655	20.07%	3.302%
8	7.781	809	815	821	rBV	275221	418309	8.46%	1.392%
9	7.939	835	842	848	rBV	70587	113587	2.30%	0.378%
10	8.128	868	874	884	rVB	64082	114007	2.30%	0.379%
11	8.251	890	895	902	rBV	96778	152703	3.09%	0.508%
12	8.557	942	947	958	rVB2	111734	232592	4.70%	0.774%
13	8.751	974	980	985	rBV2	44292	73919	1.49%	0.246%
14	8.869	992	1000	1007	rBV	106447	226742	4.58%	0.754%
15	8.934	1007	1011	1020	rVB	29825	51667	1.04%	0.172%
16	9.022	1022	1026	1030	rVB3	6395	10124	0.20%	0.034%
17	9.269	1060	1068	1078	rBV	88280	149052	3.01%	0.496%
18	9.428	1088	1095	1098	rBV2	6567	11240	0.23%	0.037%
19	9.469	1098	1102	1110	rVB5	8559	15799	0.32%	0.053%
20	9.581	1114	1121	1130	rVB4	40796	76414	1.54%	0.254%
21	9.798	1150	1158	1169	rBV	139383	245043	4.95%	0.815%
22	10.163	1214	1220	1224	rVV	884062	1479609	29.91%	4.922%
23	10.216	1224	1229	1238	rVV	3079214	4946479	100.00%	16.456%
24	10.328	1241	1248	1260	rVV	622397	1023221	20.69%	3.404%
25	10.869	1334	1340	1346	rVB	7168	14455	0.29%	0.048%
26	11.069	1367	1374	1377	rBV6	5515	10736	0.22%	0.036%
27	11.263	1400	1407	1412	rBV2	17463	31523	0.64%	0.105%
28	11.569	1457	1459	1466	rVB5	6322	9370	0.19%	0.031%
29	11.727	1480	1486	1491	rBV	36773	59855	1.21%	0.199%
30	11.839	1500	1505	1511	rVV3	29088	50699	1.02%	0.169%
31	11.898	1511	1515	1518	rVV2	8534	11193	0.23%	0.037%
32	11.957	1518	1525	1532	rVV4	37274	64076	1.30%	0.213%
33	12.057	1532	1542	1551	rVB	342711	590298	11.93%	1.964%
34	12.198	1562	1566	1570	rBV2	25896	38211	0.77%	0.127%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

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-BN081420MA.M
Title : SVOA CALIBRATION

35	12.251	1570	1575	1581	rVB2	23467	36827	0.74%	0.123%
36	12.380	1591	1597	1603	rVB4	13442	20675	0.42%	0.069%
37	12.469	1609	1612	1616	rBV5	8311	15168	0.31%	0.050%
38	12.498	1616	1617	1623	rVV5	10818	18571	0.38%	0.062%
39	12.563	1623	1628	1637	rVB3	25315	45017	0.91%	0.150%
40	12.845	1672	1676	1682	rVV2	31930	50294	1.02%	0.167%
41	12.898	1684	1685	1694	rVB6	9984	14561	0.29%	0.048%
42	13.075	1711	1715	1718	rVV3	13327	21001	0.42%	0.070%
43	13.098	1718	1719	1727	rVB5	14882	19686	0.40%	0.065%
44	13.227	1731	1741	1748	rBV4	62737	146768	2.97%	0.488%
45	13.327	1752	1758	1761	rBV2	16896	22290	0.45%	0.074%
46	13.369	1761	1765	1772	rVV4	35249	65438	1.32%	0.218%
47	13.480	1778	1784	1789	rBV	277226	393145	7.95%	1.308%
48	13.527	1789	1792	1795	rVV	55754	81947	1.66%	0.273%
49	13.557	1795	1797	1802	rVB	55545	71024	1.44%	0.236%
50	13.616	1802	1807	1810	rBV4	21181	32094	0.65%	0.107%
51	13.745	1822	1829	1839	rBV	293944	472901	9.56%	1.573%
52	14.057	1872	1882	1888	rBV	1274988	1823475	36.86%	6.066%
53	14.121	1888	1893	1901	rVV	855261	1237822	25.02%	4.118%
54	14.192	1901	1905	1913	rVV	161002	242531	4.90%	0.807%
55	14.304	1919	1924	1930	rVV6	8812	20175	0.41%	0.067%
56	14.374	1933	1936	1940	rVV4	10632	17151	0.35%	0.057%
57	14.416	1940	1943	1947	rVV3	14810	21812	0.44%	0.073%
58	14.463	1947	1951	1961	rVV2	23842	51264	1.04%	0.171%
59	14.551	1961	1966	1970	rVV6	7538	12634	0.26%	0.042%
60	14.945	2028	2033	2039	rVB4	8036	12063	0.24%	0.040%
61	15.063	2046	2053	2058	rBV	405312	596676	12.06%	1.985%
62	15.116	2058	2062	2071	rVB	400019	534118	10.80%	1.777%
63	15.198	2071	2076	2082	rBV	78034	127803	2.58%	0.425%
64	15.251	2082	2085	2086	rVV3	27081	31831	0.64%	0.106%
65	15.274	2086	2089	2094	rVV5	36781	66677	1.35%	0.222%
66	15.363	2094	2104	2110	rVV7	48728	147340	2.98%	0.490%
67	15.416	2110	2113	2118	rVB3	19527	27965	0.57%	0.093%
68	15.510	2123	2129	2132	rBV4	32257	49356	1.00%	0.164%
69	15.557	2132	2137	2149	rVB7	45274	96364	1.95%	0.321%
70	15.798	2174	2178	2183	rVV	26543	37533	0.76%	0.125%
71	16.098	2223	2229	2240	rBV	72787	125063	2.53%	0.416%

LSC Area Percent Report

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Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

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-BN081420MA.M
Title : SVOA CALIBRATION

72	16.351	2269	2272	2276	rVB5	8962	11963	0.24%	0.040%
73	16.604	2311	2315	2317	rBV2	28407	36880	0.75%	0.123%
74	16.633	2317	2320	2324	rVB	34179	42430	0.86%	0.141%
75	16.733	2332	2337	2343	rVB4	16389	24872	0.50%	0.083%
76	16.815	2343	2351	2355	rBV	1588802	2183343	44.14%	7.264%
77	16.857	2355	2358	2362	rVB	202304	262236	5.30%	0.872%
78	16.910	2362	2367	2376	rBV	473007	720857	14.57%	2.398%
79	17.015	2382	2385	2390	rVB4	9766	14292	0.29%	0.048%
80	17.227	2409	2421	2432	rBV	801141	1187712	24.01%	3.951%
81	17.462	2456	2461	2463	rBV3	7734	11019	0.22%	0.037%
82	17.492	2463	2466	2468	rVB2	8661	9782	0.20%	0.033%
83	17.580	2476	2481	2483	rVB3	8275	10304	0.21%	0.034%
84	17.662	2491	2495	2503	rVB3	41540	62896	1.27%	0.209%
85	17.745	2503	2509	2511	rBV2	31304	47050	0.95%	0.157%
86	17.821	2518	2522	2528	rVB2	67024	91308	1.85%	0.304%
87	17.880	2528	2532	2540	rVB7	23119	43474	0.88%	0.145%
88	17.992	2544	2551	2553	rBV4	13510	22065	0.45%	0.073%
89	18.051	2557	2561	2565	rVV4	15284	20182	0.41%	0.067%
90	18.151	2572	2578	2582	rBV4	13882	27083	0.55%	0.090%
91	18.204	2582	2587	2591	rBV3	9010	13129	0.27%	0.044%
92	18.886	2700	2703	2707	rVB2	15151	18448	0.37%	0.061%
93	19.104	2739	2740	2747	rVB6	6092	10015	0.20%	0.033%
94	19.227	2755	2761	2768	rBV	582148	823839	16.66%	2.741%
95	19.292	2770	2772	2776	rVB4	12847	14345	0.29%	0.048%
96	19.709	2841	2843	2846	rVB3	12203	11817	0.24%	0.039%
97	19.856	2866	2868	2872	rBV3	8672	12949	0.26%	0.043%
98	21.039	3064	3069	3079	rBV2	2153708	2645304	53.48%	8.800%
99	23.015	3400	3405	3412	rVB	482305	784691	15.86%	2.610%
100	23.150	3422	3428	3438	rVB2	1388988	2523715	51.02%	8.396%

Sum of corrected areas: 30059101

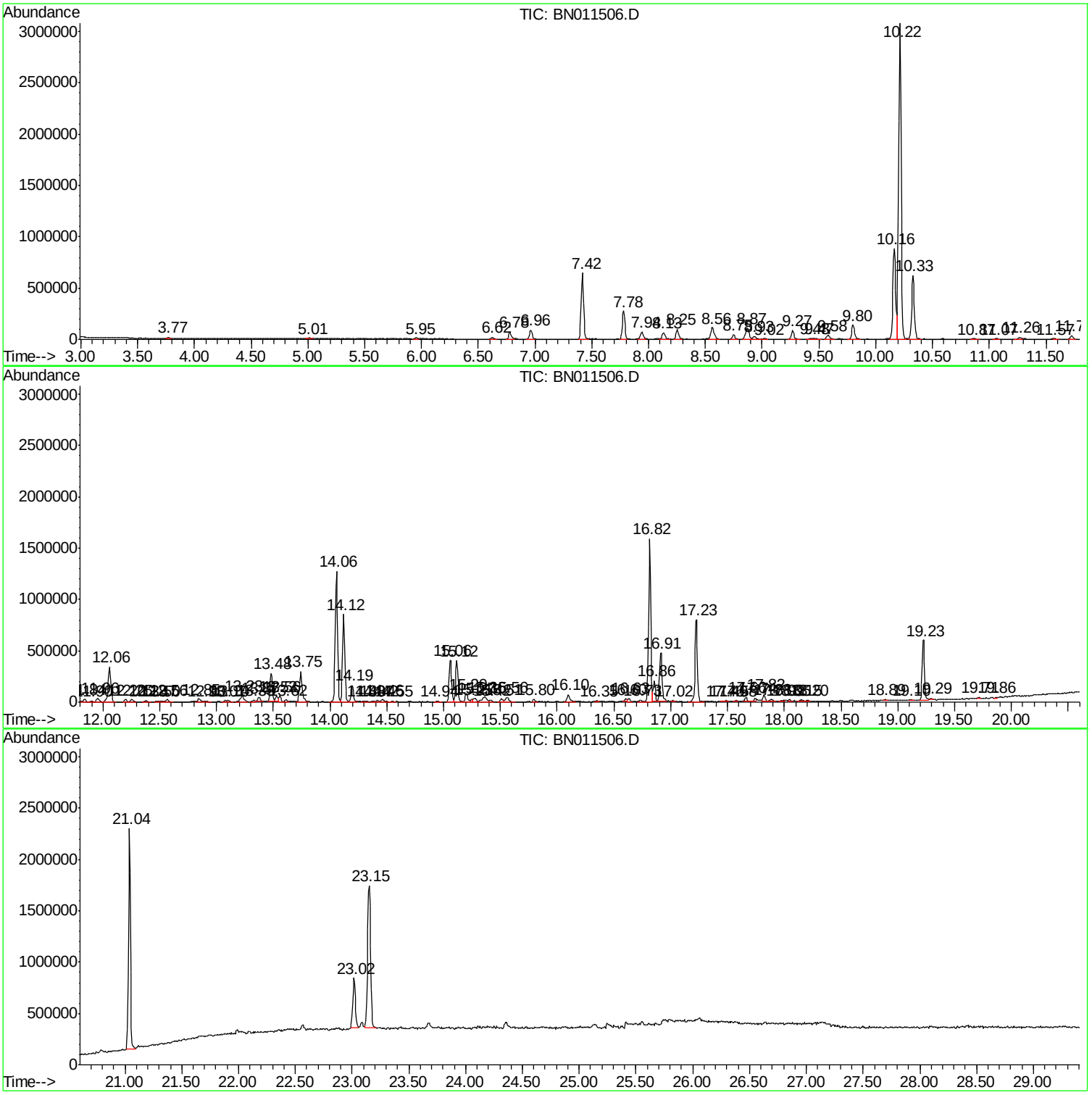
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
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Misc :
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Instrument : BNA_N
ClientSampleId : DBFT6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

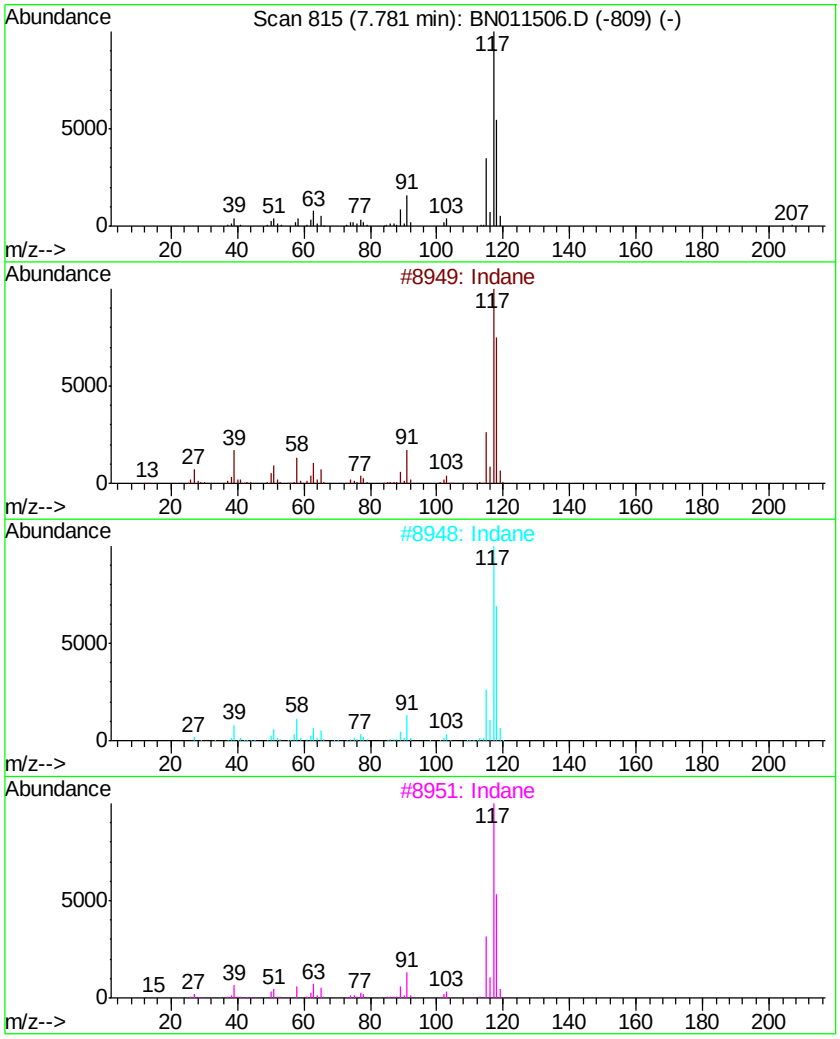
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

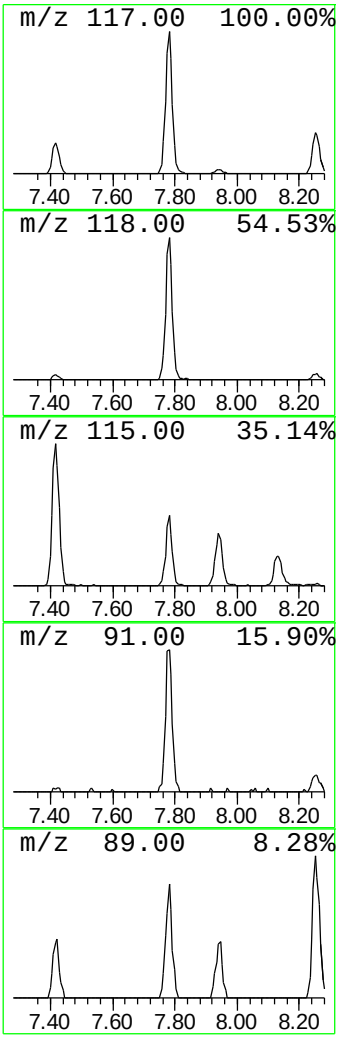
****

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	8.43 ng/ul	418309	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

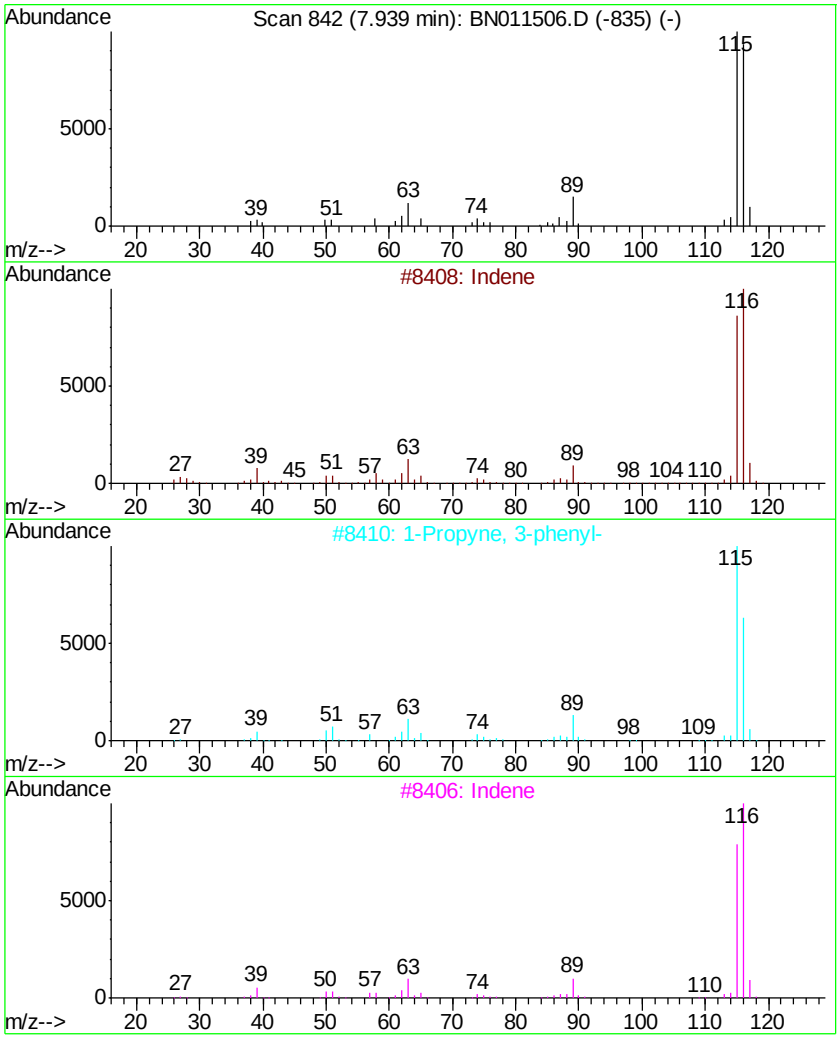
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

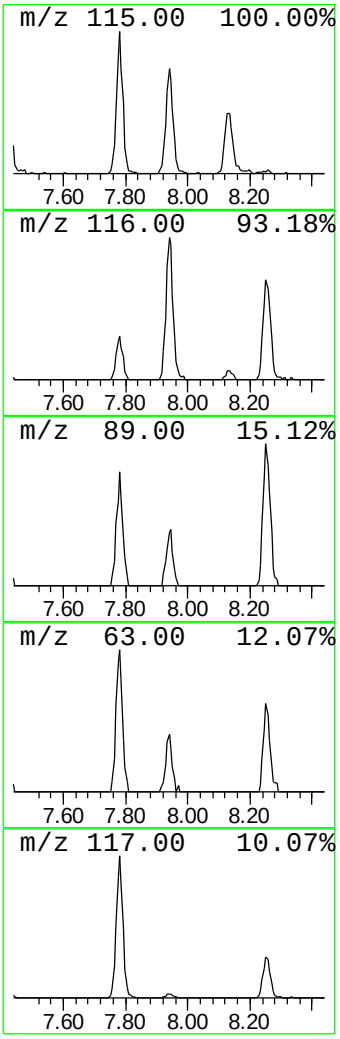
****

Peak Number 2 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	2.29 ng/ul	113587	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
3	Indene	116	C9H8	000095-13-6	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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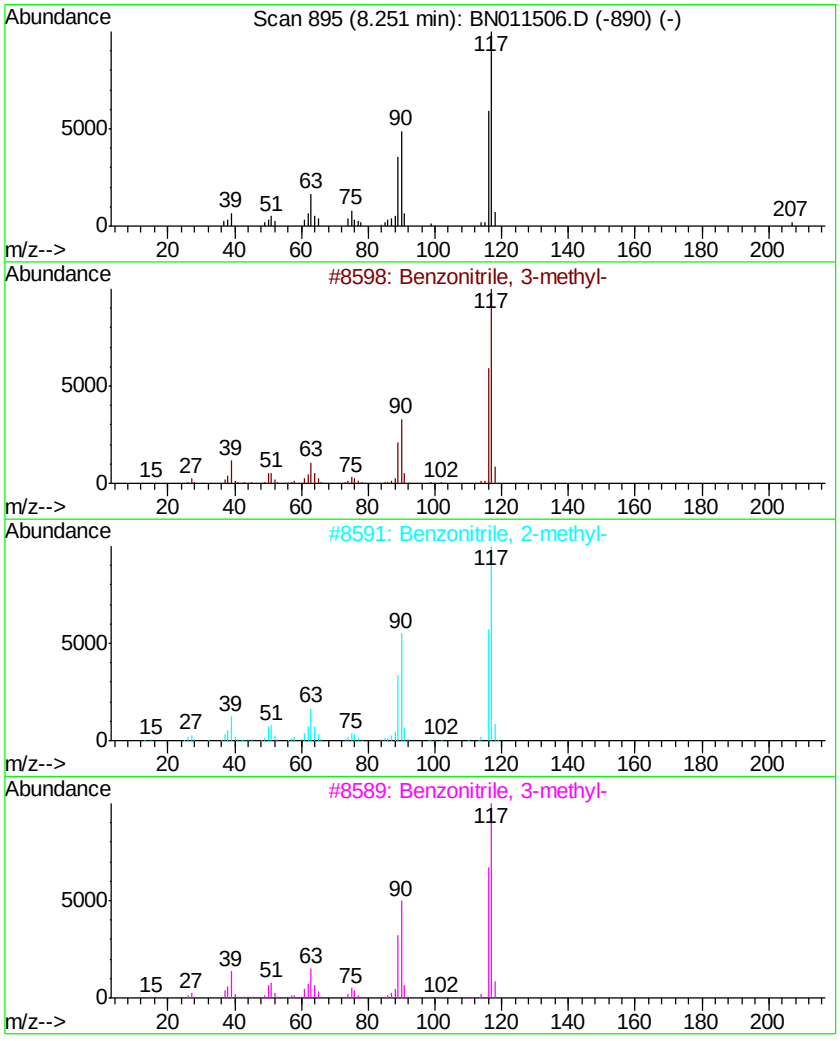
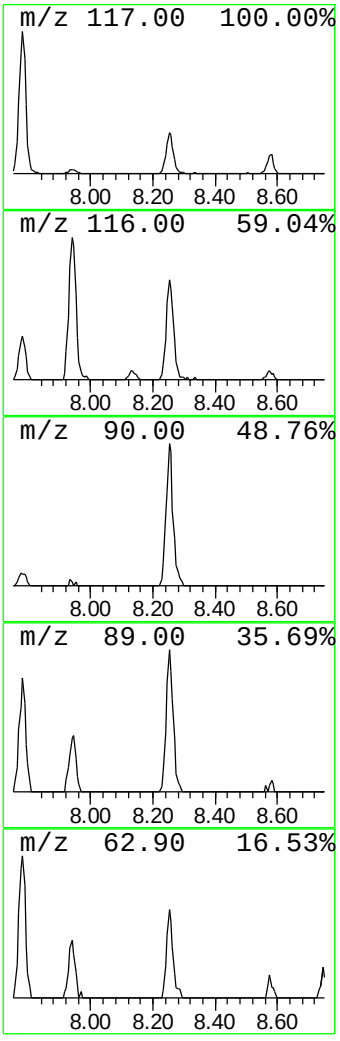
Peak Number 3 Benzonitrile, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	3.08 ng/ul	152703	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	96
2	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	96
3	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	95
4	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	95
5	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

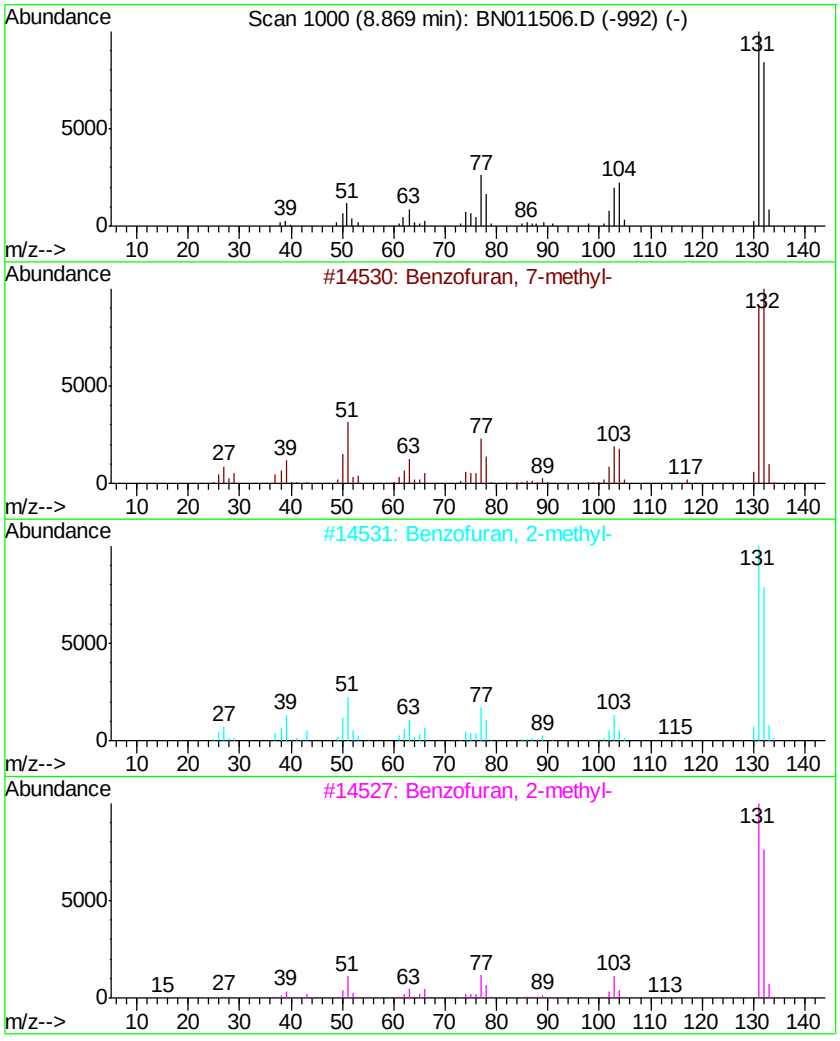
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

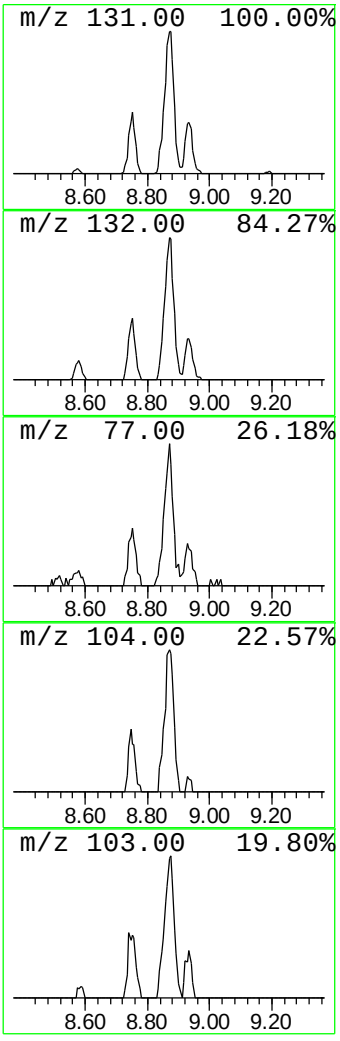
****

Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	3.06 ng/ul	226742	Naphthalene-d8	10.16

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	93
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 N\DATA\BN081720\
Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

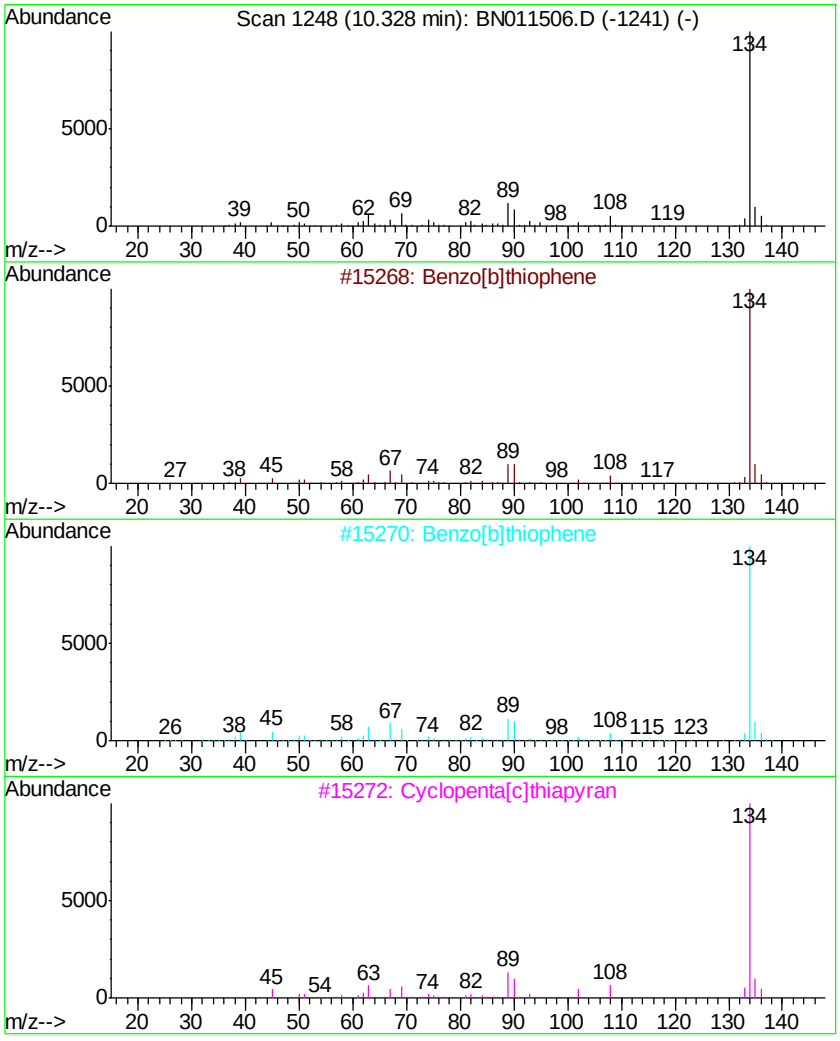
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

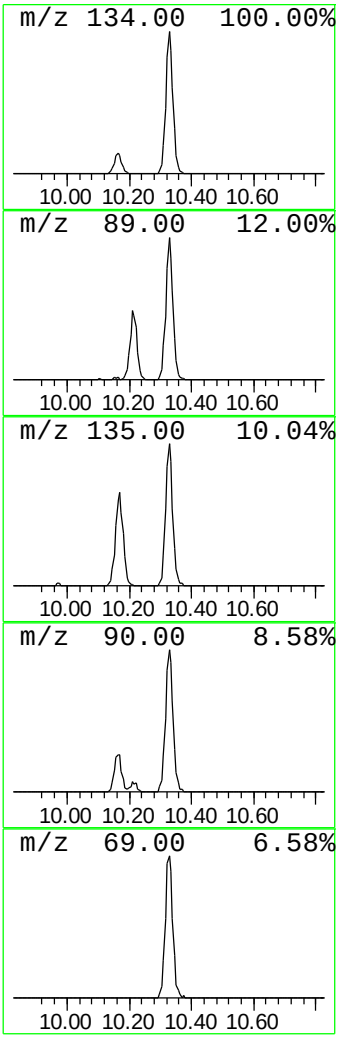
****

Peak Number 5 Benzo[b]thiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	13.83 ng/ul	1023220	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
4	Benzo[c]thiophene	134	C8H6S	000270-82-6	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	86





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Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

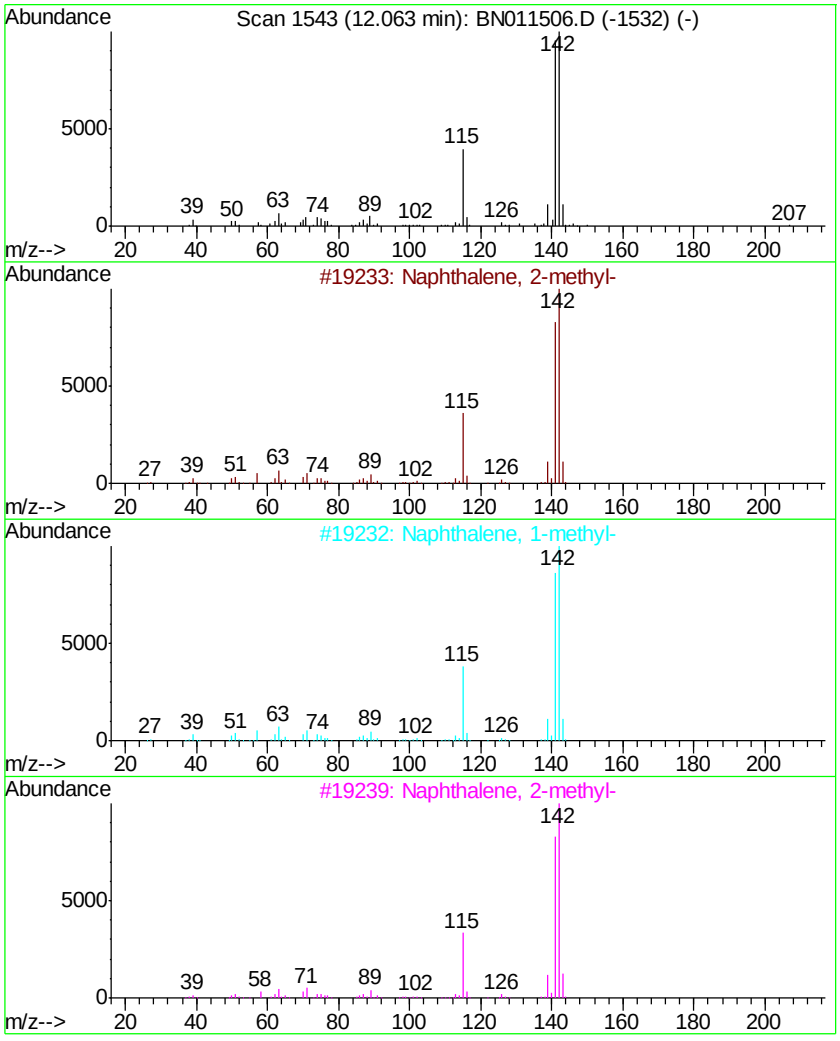
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

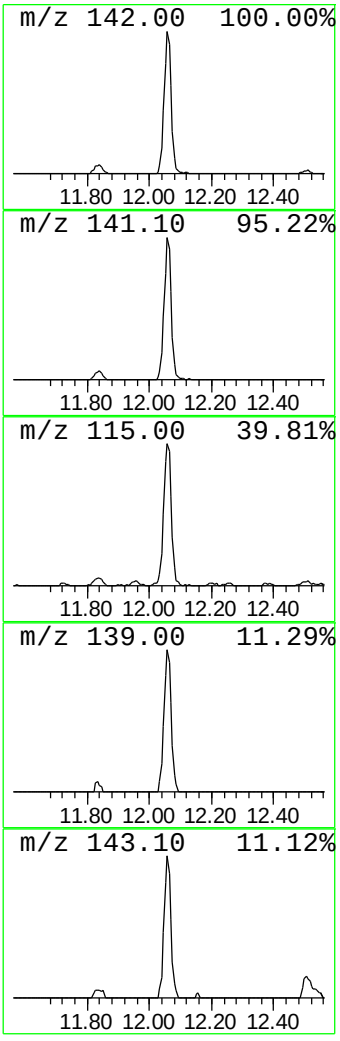
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	7.98 ng/ul	590298	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

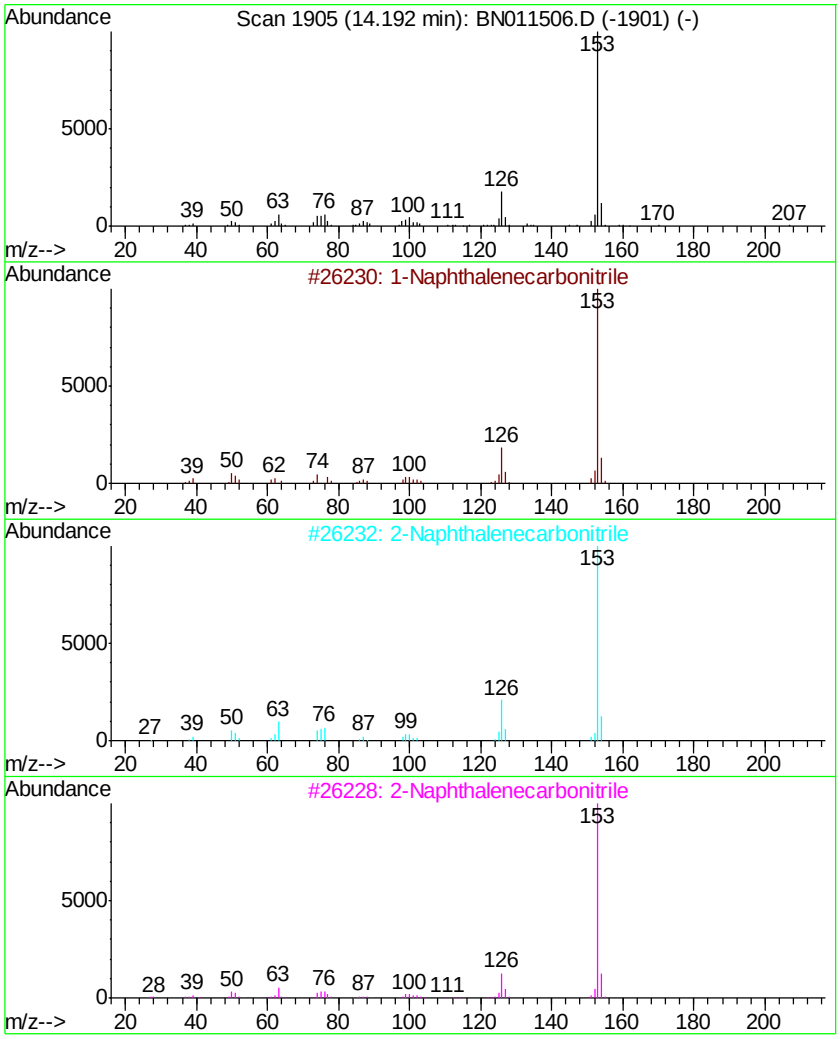
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

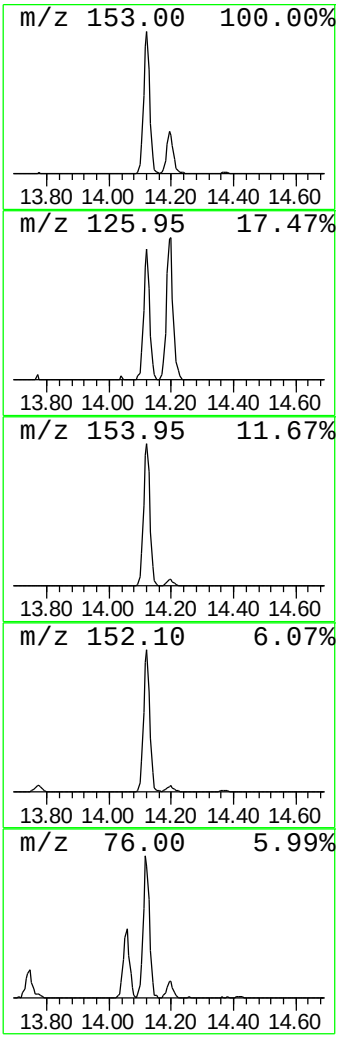
****

Peak Number 7 1-Naphthalenecarbonitrile Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.66 ng/ul	242531	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	95
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081720\
Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.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	7.78	8.4	ng/ul	418309	1	7.42	992655	20.0
Indene	7.94	2.3	ng/ul	113587	1	7.42	992655	20.0
Benzonitrile, 3-m...	8.25	3.1	ng/ul	152703	1	7.42	992655	20.0
Benzofuran, 7-met...	8.87	3.1	ng/ul	226742	2	10.16	1479610	20.0
Benzo[b]thiophene	10.33	13.8	ng/ul	1023220	2	10.16	1479610	20.0
Naphthalene, 1-me...	12.06	8.0	ng/ul	590298	2	10.16	1479610	20.0
1-Naphthalenecarb...	14.19	2.7	ng/ul	242531	3	14.06	1823480	20.0