LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010406.D
Acq On : 03 Apr 2020 11:16
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

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-BN040120MA.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	2.893	15	18	26	rVB4	30462	47130	0.39%	0.086%
2	3.916	188	192	195	rBV2	14379	18620	0.16%	0.034%
3	5.181	403	407	414	rVB5	9456	19033	0.16%	0.035%
4	5.310	425	429	439	rVB5	18072	36791	0.31%	0.067%
5	5.663	482	489	493	rBV7	10034	24228	0.20%	0.044%
6	6.334	598	603	610	rBV2	51305	89404	0.75%	0.162%
7	6.628	649	653	660	rVB8	15100	22228	0.19%	0.040%
8	6.728	664	670	675	rBV2	26577	42938	0.36%	0.078%
9	6.781	675	679	683	rBV3	12292	18511	0.15%	0.034%
10	6.857	688	692	697	rVB2	28672	41802	0.35%	0.076%
11	7.069	723	728	733	rBV3	21364	37015	0.31%	0.067%
12	7.275	757	763	768	rBV2	79617	127535	1.06%	0.232%
13	7.340	770	774	781	rVB4	24033	45327	0.38%	0.082%
14	7.610	811	820	828	rBV	1207729	1940263	16.20%	3.522%
15	7.751	833	844	850	rBV2	120133	219173	1.83%	0.398%
16	7.840	855	859	865	rVB3	35059	47794	0.40%	0.087%
17	7.981	877	883	890	rVB	170958	266029	2.22%	0.483%
18	8.140	901	910	918	rBV	349962	576924	4.82%	1.047%
19	8.257	923	930	933	rVB6	8003	15419	0.13%	0.028%
20	8.716	1003	1008	1009	rBV4	12147	17296	0.14%	0.031%
21	8.734	1009	1011	1015	rVV3	13929	19041	0.16%	0.035%
22	8.787	1015	1020	1024	rVB4	14986	23190	0.19%	0.042%
23	8.839	1024	1029	1033	rBV3	22291	35821	0.30%	0.065%
24	8.951	1043	1048	1058	rVB3	22619	41013	0.34%	0.074%
25	9.069	1058	1068	1074	rBV2	55389	111898	0.93%	0.203%
26	9.134	1074	1079	1085	rVB3	15897	28115	0.23%	0.051%
27	9.287	1100	1105	1109	rBV7	8232	14564	0.12%	0.026%
28	9.634	1157	1164	1169	rBV5	26865	54604	0.46%	0.099%
29	9.751	1176	1184	1189	rBV	804438	1318642	11.01%	2.394%
30	9.792	1189	1191	1201	rVV4	143308	257645	2.15%	0.468%
31	9.881	1201	1206	1210	rVV5	34530	67908	0.57%	0.123%
32	9.922	1212	1213	1219	rVB5	24772	25355	0.21%	0.046%
33	10.004	1219	1227	1235	rBV2	33556	65772	0.55%	0.119%
34	10.245	1263	1268	1272	rBV6	9169	16328	0.14%	0.030%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010406.D
Acq On : 03 Apr 2020 11:16
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

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-BN040120MA.M
Title : SVOA CALIBRATION

35	10.369	1281	1289	1292	rBV	1800915	2924299	24.42%	5.309%
36	10.422	1292	1298	1308	rVV	6957906	11975215	100.00%	21.739%
37	10.533	1311	1317	1327	rVB	203014	361450	3.02%	0.656%
38	11.198	1425	1430	1440	rBV2	26564	49437	0.41%	0.090%
39	11.928	1547	1554	1562	rBV	26972	43371	0.36%	0.079%
40	12.033	1565	1572	1582	rBV	1148243	1775740	14.83%	3.224%
41	12.151	1586	1592	1598	rVV	30453	55140	0.46%	0.100%
42	12.257	1598	1610	1618	rVV	523009	860876	7.19%	1.563%
43	13.063	1740	1747	1757	rVB	167962	248999	2.08%	0.452%
44	13.263	1775	1781	1787	rBV2	30024	53676	0.45%	0.097%
45	13.392	1797	1803	1805	rBV3	26519	40824	0.34%	0.074%
46	13.551	1823	1830	1835	rBV2	43336	84033	0.70%	0.153%
47	13.610	1835	1840	1843	rVV4	30746	47472	0.40%	0.086%
48	13.651	1843	1847	1854	rVB	24124	39257	0.33%	0.071%
49	13.792	1867	1871	1874	rBV4	18000	25966	0.22%	0.047%
50	13.922	1889	1893	1896	rBV	22959	32407	0.27%	0.059%
51	13.957	1896	1899	1906	rVB6	17144	23380	0.20%	0.042%
52	14.233	1939	1946	1952	rBV	3136484	4512338	37.68%	8.192%
53	14.298	1952	1957	1963	rVV	701190	1013472	8.46%	1.840%
54	14.357	1963	1967	1976	rVB	111115	182741	1.53%	0.332%
55	14.545	1997	1999	2005	rVB5	12102	16894	0.14%	0.031%
56	14.633	2007	2014	2022	rBV	374849	574308	4.80%	1.043%
57	15.233	2110	2116	2120	rBV3	34627	52513	0.44%	0.095%
58	15.286	2120	2125	2131	rVV2	246720	357486	2.99%	0.649%
59	15.451	2149	2153	2158	rVB4	13948	19576	0.16%	0.036%
60	15.586	2171	2176	2182	rVB	13467	18322	0.15%	0.033%
61	15.727	2197	2200	2208	rBV6	18469	33089	0.28%	0.060%
62	15.957	2234	2239	2243	rBV3	20787	31037	0.26%	0.056%
63	16.086	2256	2261	2265	rBV5	11122	19810	0.17%	0.036%
64	16.763	2372	2376	2380	rBV3	18790	32468	0.27%	0.059%
65	16.804	2380	2383	2388	rVB3	20150	26783	0.22%	0.049%
66	16.980	2406	2413	2417	rBV	4259560	5784454	48.30%	10.501%
67	17.015	2417	2419	2426	rVB	261520	379328	3.17%	0.689%
68	17.080	2426	2430	2433	rBV3	81654	113560	0.95%	0.206%
69	17.380	2472	2481	2489	rBV	318425	469543	3.92%	0.852%
70	17.480	2495	2498	2501	rBV5	8661	12909	0.11%	0.023%
71	17.815	2550	2555	2558	rBV7	8114	14590	0.12%	0.026%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010406.D
Acq On : 03 Apr 2020 11:16
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

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-BN040120MA.M
Title : SVOA CALIBRATION

72	17.904	2566	2570	2577	rVB5	36489	54435	0.45%	0.099%
73	17.968	2577	2581	2585	rBV6	8639	13154	0.11%	0.024%
74	18.051	2587	2595	2597	rBV7	12401	22687	0.19%	0.041%
75	19.039	2761	2763	2766	rVB2	22554	21505	0.18%	0.039%
76	19.380	2816	2821	2824	rBV2	56215	88511	0.74%	0.161%
77	21.180	3122	3127	3134	rBV	6339767	7535944	62.93%	13.681%
78	22.745	3390	3393	3396	rVB2	219700	256898	2.15%	0.466%
79	23.292	3483	3486	3490	rVV2	297641	354070	2.96%	0.643%
80	23.350	3490	3496	3509	rVB	4521988	8175528	68.27%	14.842%
81	23.909	3588	3591	3598	rVB3	318901	522291	4.36%	0.948%

Sum of corrected areas: 55085142

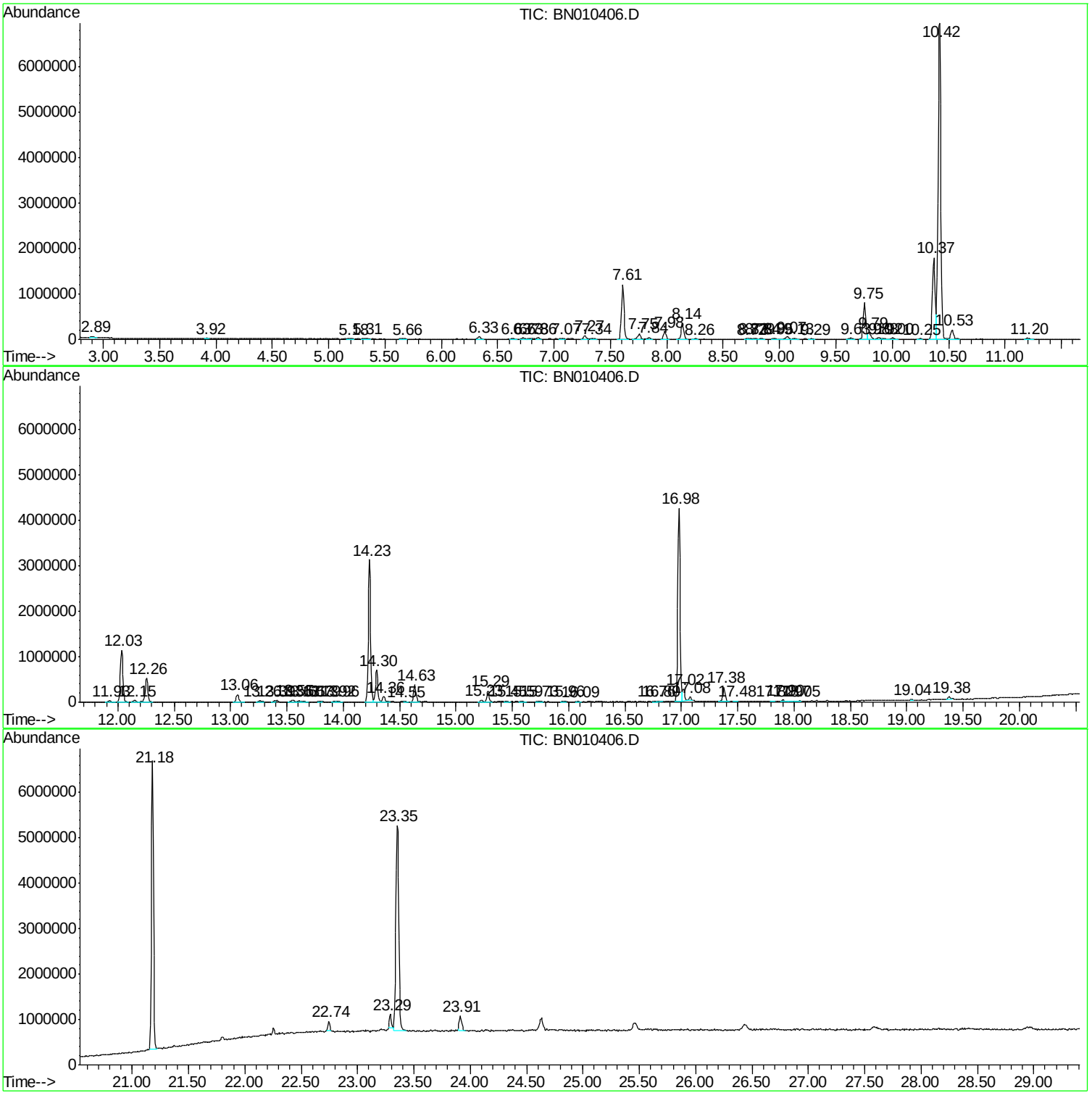
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010406.D
Acq On : 03 Apr 2020 11:16
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.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\BN040320\
Data File : BN010406.D
Acq On : 03 Apr 2020 11:16
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

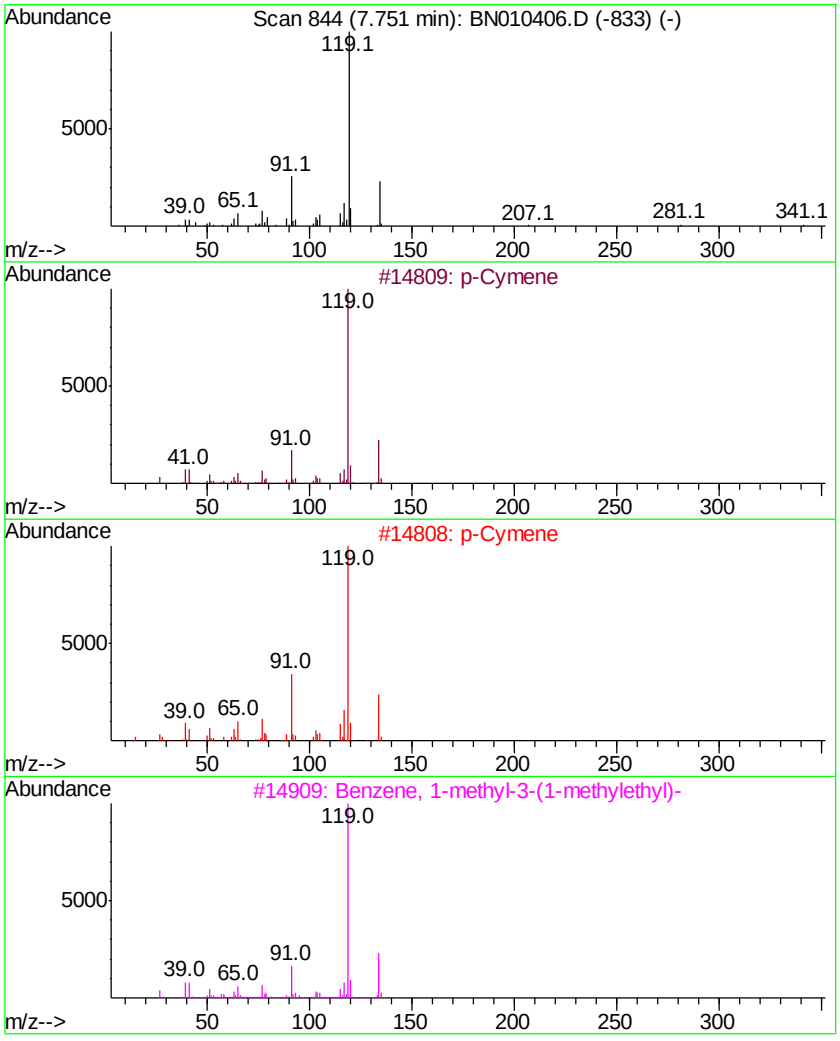
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

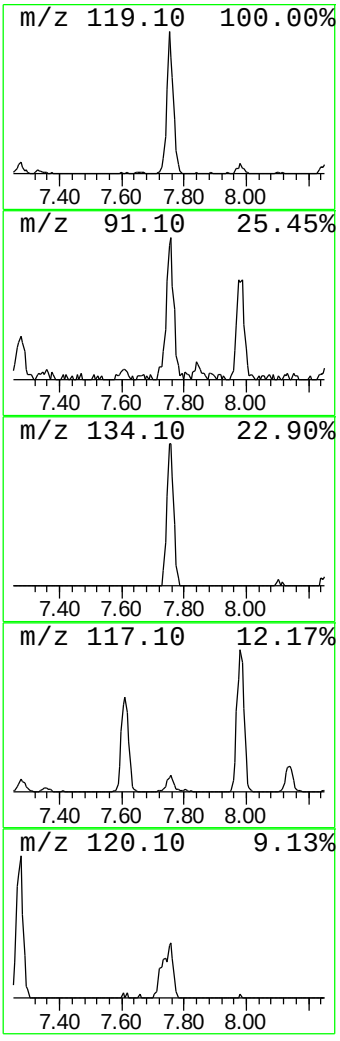
****

Peak Number 1 p-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	2.26 ng/ul	219173	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	91
2	p-Cymene	134	C10H14	000099-87-6	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010406.D
Acq On : 03 Apr 2020 11:16
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

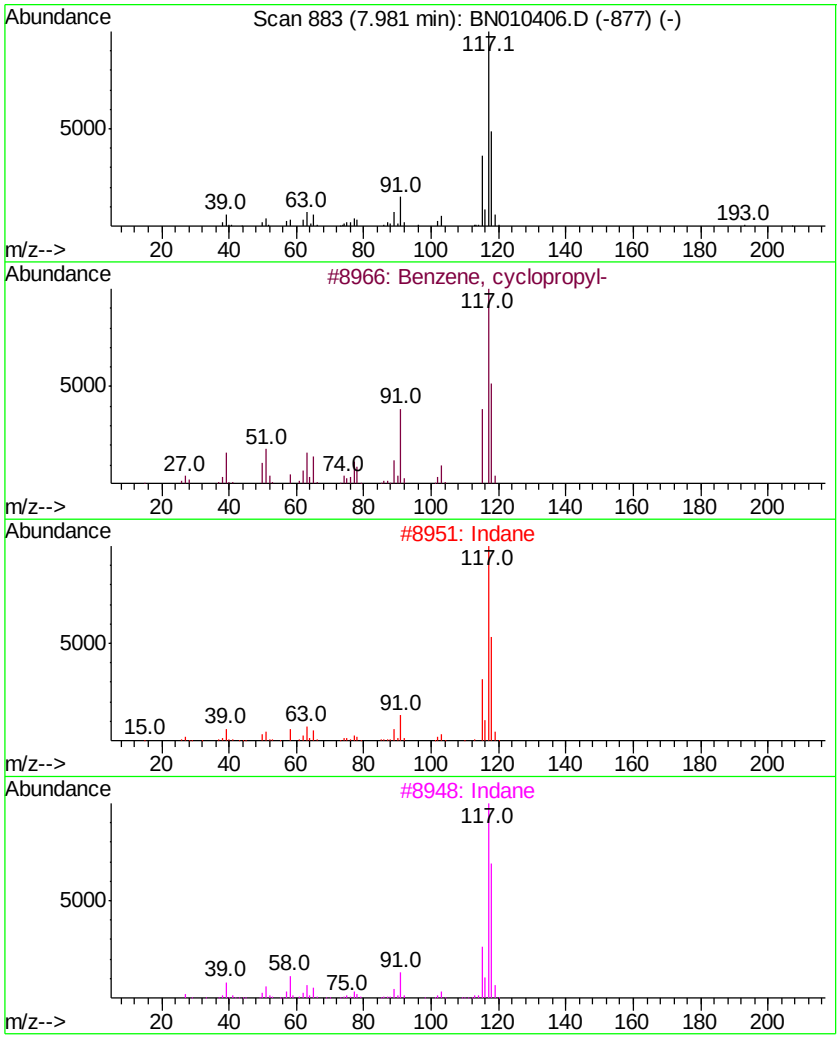
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

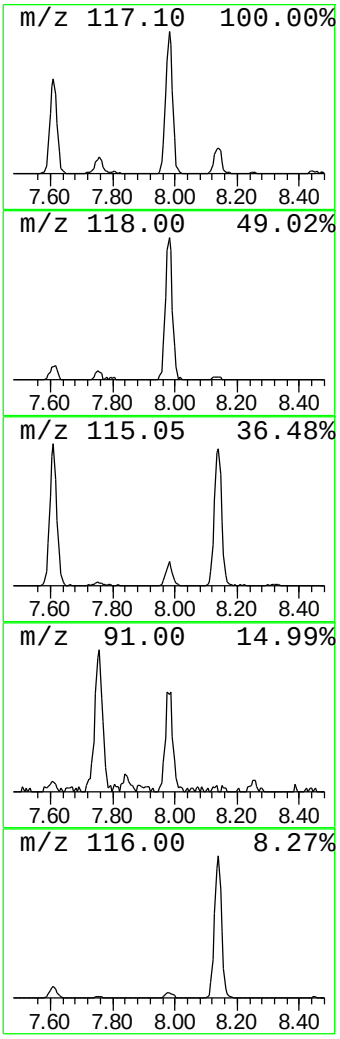
****

Peak Number 2 Benzene, cyclopropyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	2.74 ng/ul	266029	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Indane	118	C9H10	000496-11-7	94
3	Indane	118	C9H10	000496-11-7	91
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010406.D
Acq On : 03 Apr 2020 11:16
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

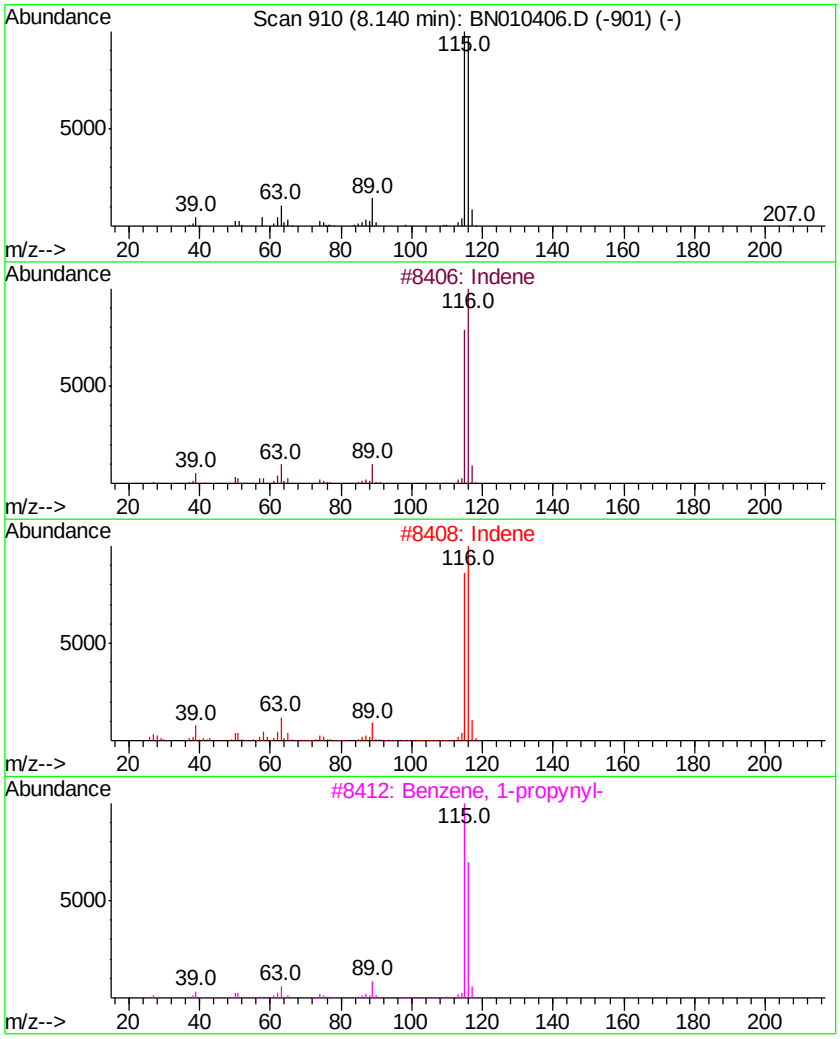
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

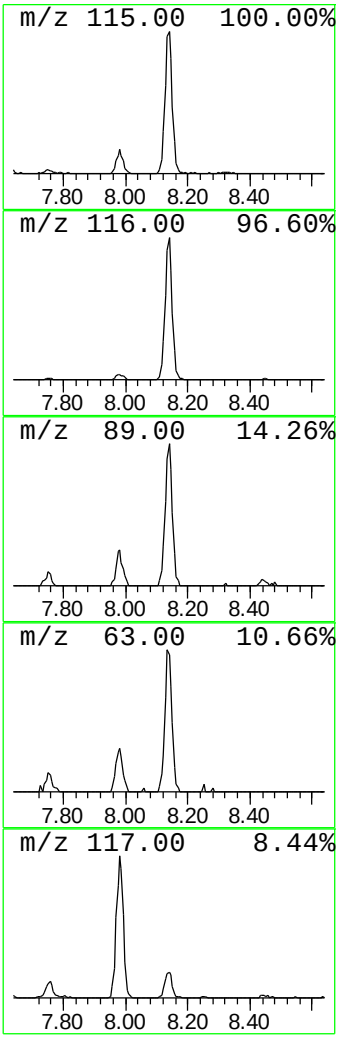
****

Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	5.95 ng/ul	576924	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010406.D
Acq On : 03 Apr 2020 11:16
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

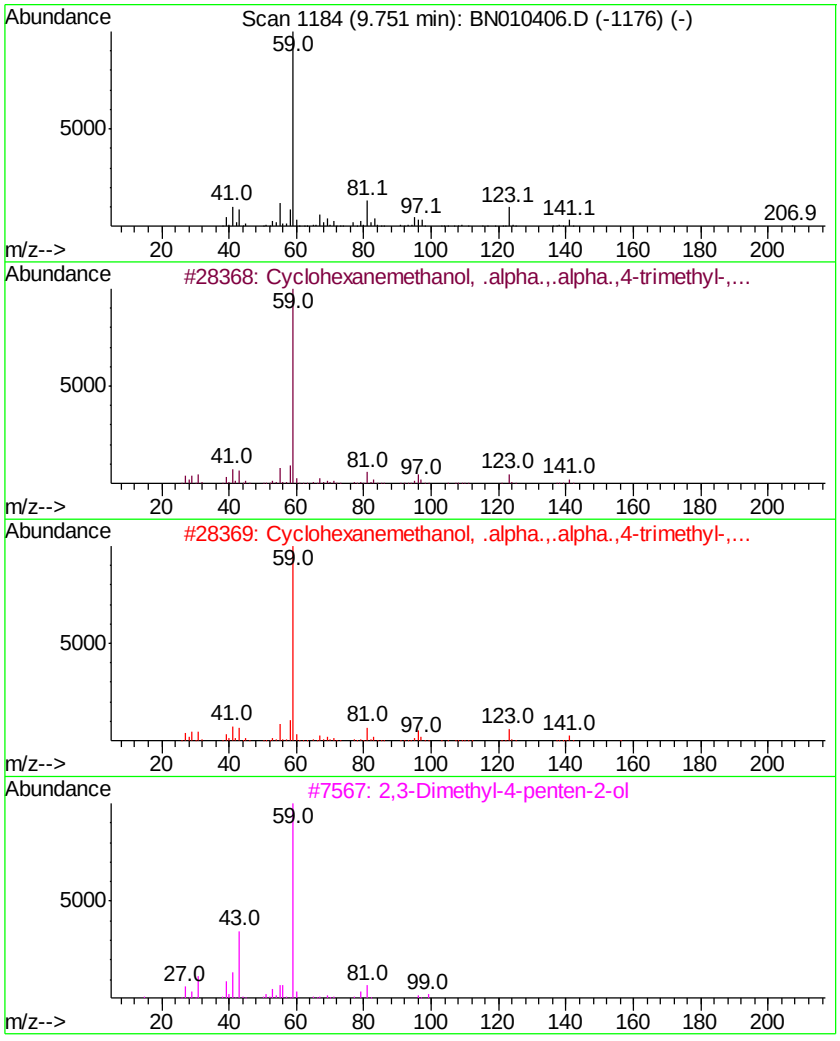
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

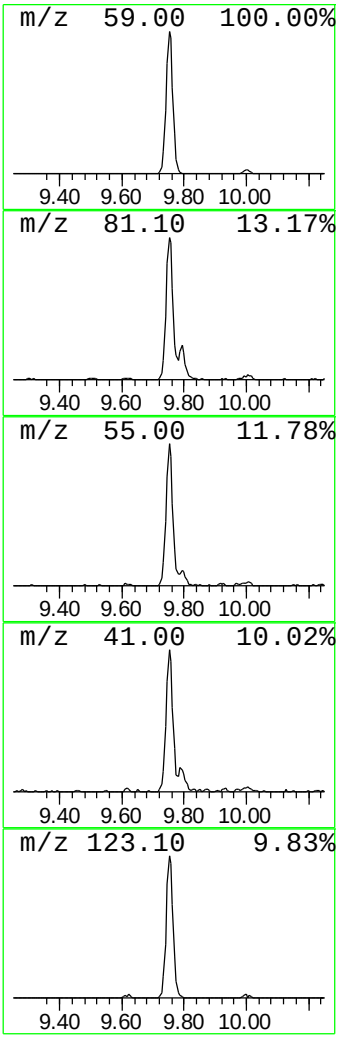
****

Peak Number 4 Cyclohexanemethanol, .alpha... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	9.02 ng/ul	1318640	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	64
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	64
3	2,3-Dimethyl-4-penten-2-ol	114	C7H14O	019781-52-3	59
4	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	59
5	o-Menthan-8-ol	156	C10H20O	343855-44-7	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010406.D
Acq On : 03 Apr 2020 11:16
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

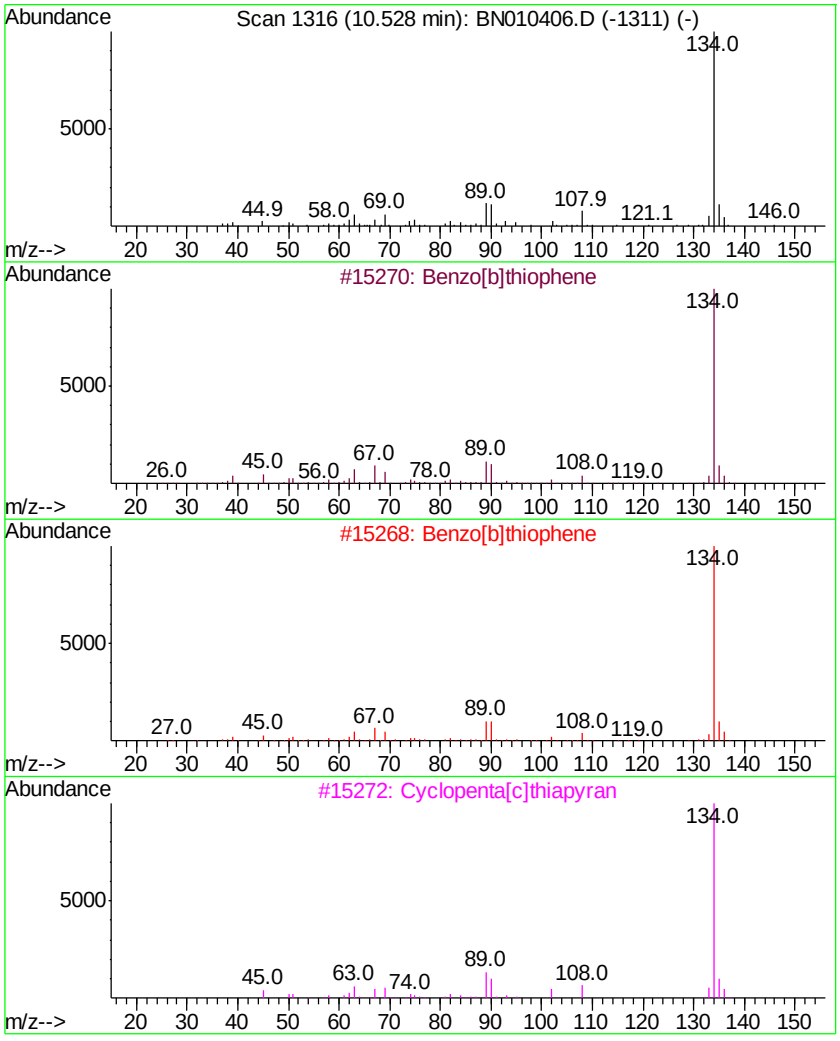
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

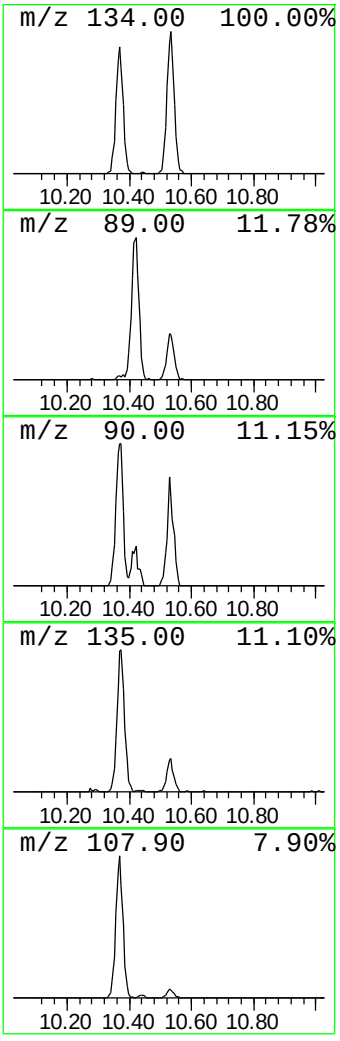
****

Peak Number 5 Benzo[b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.47 ng/ul	361450	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	86
5	Benzo[c]thiophene	134	C8H6S	000270-82-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010406.D
Acq On : 03 Apr 2020 11:16
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

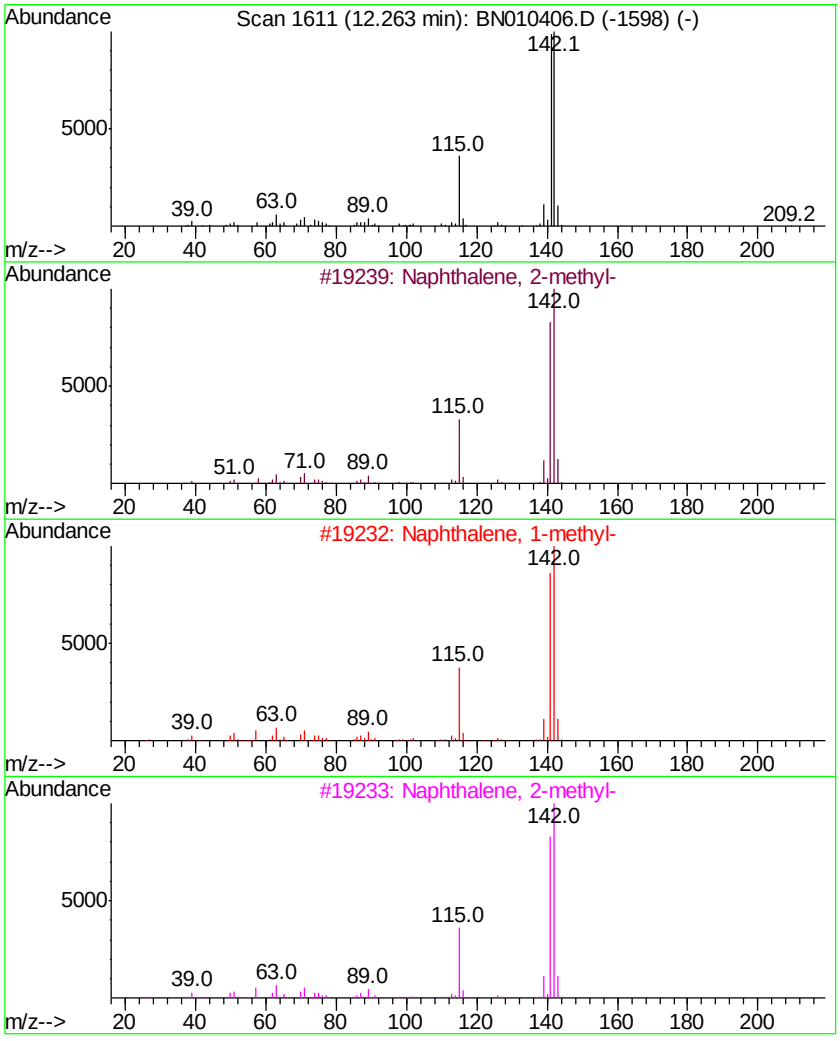
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

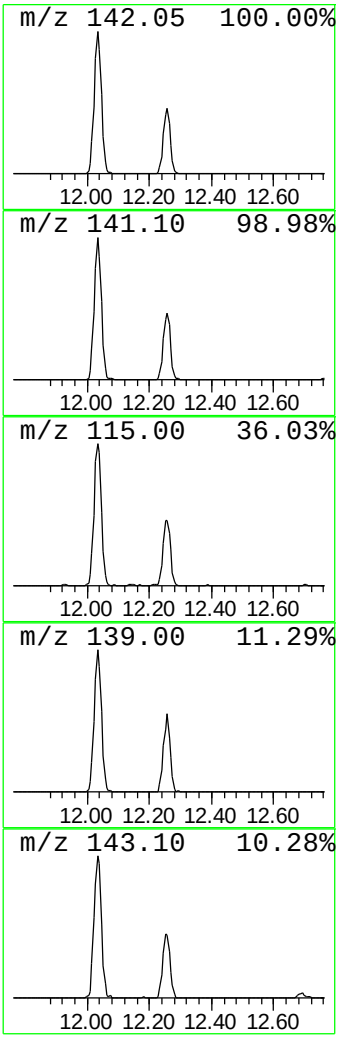
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	5.89 ng/ul	860876	Naphthalene-d8	10.37

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	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040320\
Data File : BN010406.D
Acq On : 03 Apr 2020 11:16
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.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
p-Cymene	7.75	2.3	ng/ul	219173	1	7.61	1940260	20.0
Benzene, cyclopro...	7.98	2.7	ng/ul	266029	1	7.61	1940260	20.0
Indene	8.14	6.0	ng/ul	576924	1	7.61	1940260	20.0
Cyclohexanemethan...	9.75	9.0	ng/ul	1318640	2	10.37	2924300	20.0
Benzo[b]thiophene	10.53	2.5	ng/ul	361450	2	10.37	2924300	20.0
Naphthalene, 1-me...	12.26	5.9	ng/ul	860876	2	10.37	2924300	20.0