LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009618.D
Acq On : 06 Feb 2020 20:23
Operator : CG/JU
Sample : L1323-11DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49DL

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-BN020320MA.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	3.758	127	131	134	rBV4	8242	11972	0.49%	0.055%
2	5.140	362	366	374	rVV	36408	72982	3.01%	0.335%
3	5.475	419	423	436	rVB3	46659	111179	4.58%	0.511%
4	6.552	602	606	611	rVB5	8670	13283	0.55%	0.061%
5	6.646	619	622	625	rVV3	8775	13776	0.57%	0.063%
6	6.681	625	628	635	rVB3	16071	25569	1.05%	0.117%
7	6.799	645	648	653	rBV4	9782	15758	0.65%	0.072%
8	6.981	675	679	685	rVB2	10911	16057	0.66%	0.074%
9	7.099	692	699	707	rVV4	86123	157396	6.49%	0.723%
10	7.187	709	714	720	rVV3	22306	35083	1.45%	0.161%
11	7.434	749	756	766	rBV	640463	1005854	41.47%	4.620%
12	7.552	770	776	783	rVB3	14035	25413	1.05%	0.117%
13	7.622	783	788	795	rVB6	6893	13077	0.54%	0.060%
14	7.958	838	845	853	rBV	191776	310606	12.81%	1.427%
15	8.169	875	881	888	rBV4	7148	16779	0.69%	0.077%
16	8.528	936	942	946	rBV6	10079	17199	0.71%	0.079%
17	8.593	949	953	961	rVV6	9841	22219	0.92%	0.102%
18	8.693	966	970	978	rVB4	17817	36909	1.52%	0.170%
19	9.105	1035	1040	1047	rVB6	11792	19537	0.81%	0.090%
20	9.187	1049	1054	1059	rVB4	13915	21196	0.87%	0.097%
21	9.299	1068	1073	1080	rVB4	6941	12617	0.52%	0.058%
22	9.628	1121	1129	1135	rBV3	57544	123144	5.08%	0.566%
23	9.699	1135	1141	1144	rVV3	44001	80625	3.32%	0.370%
24	9.734	1144	1147	1153	rVV4	26363	43335	1.79%	0.199%
25	10.187	1215	1224	1228	rBV	882369	1529232	63.05%	7.024%
26	10.234	1228	1232	1241	rVB	1263500	2037045	83.98%	9.357%
27	10.352	1248	1252	1260	rVB4	16864	32607	1.34%	0.150%
28	11.375	1424	1426	1435	rVB5	9459	15231	0.63%	0.070%
29	11.646	1467	1472	1477	rVB5	16096	26470	1.09%	0.122%
30	11.751	1486	1490	1496	rVB8	9972	15208	0.63%	0.070%
31	11.857	1499	1508	1516	rBV	854052	1413124	58.26%	6.491%
32	12.081	1536	1546	1556	rVV	412031	657560	27.11%	3.020%
33	12.898	1679	1685	1695	rBV3	61742	107875	4.45%	0.496%
34	13.093	1712	1718	1728	rVB	40126	78465	3.23%	0.360%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009618.D
Acq On : 06 Feb 2020 20:23
Operator : CG/JU
Sample : L1323-11DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49DL

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-BN020320MA.M
Title : SVOA CALIBRATION

35	13.228	1735	1741	1743	rBV	124228	196028	8.08%	0.900%
36	13.393	1758	1769	1774	rBV	173521	295551	12.18%	1.358%
37	13.446	1774	1778	1784	rVB	96092	133926	5.52%	0.615%
38	13.528	1784	1792	1801	rVB3	85194	170954	7.05%	0.785%
39	13.628	1804	1809	1813	rBV	72381	116170	4.79%	0.534%
40	13.793	1822	1837	1846	rBV3	186868	339235	13.99%	1.558%
41	14.004	1868	1873	1878	rBV5	8776	15792	0.65%	0.073%
42	14.075	1878	1885	1891	rVV	1289147	1938657	79.93%	8.905%
43	14.134	1891	1895	1899	rVV2	27251	42574	1.76%	0.196%
44	14.175	1899	1902	1907	rVB3	19646	24665	1.02%	0.113%
45	14.298	1918	1923	1932	rVB5	14560	34606	1.43%	0.159%
46	14.487	1947	1955	1963	rVB3	39106	68718	2.83%	0.316%
47	14.563	1963	1968	1973	rBV2	29519	41658	1.72%	0.191%
48	14.693	1982	1990	1995	rBV3	40068	76610	3.16%	0.352%
49	14.757	1995	2001	2005	rVV3	19789	29893	1.23%	0.137%
50	14.851	2013	2017	2020	rBV4	12672	19093	0.79%	0.088%
51	14.957	2030	2035	2042	rVB3	26937	43757	1.80%	0.201%
52	15.040	2042	2049	2051	rBV5	7462	13522	0.56%	0.062%
53	15.075	2051	2055	2060	rVB2	68676	88948	3.67%	0.409%
54	15.134	2060	2065	2072	rBV2	133051	202596	8.35%	0.931%
55	15.257	2083	2086	2090	rVV3	13812	22089	0.91%	0.101%
56	15.340	2096	2100	2104	rVV5	10148	17576	0.72%	0.081%
57	15.434	2112	2116	2120	rBV3	16304	23619	0.97%	0.108%
58	15.469	2120	2122	2128	rVB6	8706	13089	0.54%	0.060%
59	15.545	2130	2135	2140	rBV	35419	56554	2.33%	0.260%
60	15.822	2177	2182	2186	rBV6	9273	16987	0.70%	0.078%
61	16.145	2229	2237	2241	rBV4	25893	61271	2.53%	0.281%
62	16.192	2241	2245	2251	rVB3	29160	40618	1.67%	0.187%
63	16.287	2258	2261	2266	rBV	16594	22186	0.91%	0.102%
64	16.416	2279	2283	2287	rVV6	8594	14625	0.60%	0.067%
65	16.498	2292	2297	2301	rVB4	14692	20758	0.86%	0.095%
66	16.645	2318	2322	2327	rVV2	29391	46411	1.91%	0.213%
67	16.828	2347	2353	2357	rBV	1517099	2143434	88.37%	9.846%
68	16.869	2357	2360	2366	rVV	532250	694701	28.64%	3.191%
69	16.922	2366	2369	2372	rVV2	42148	60787	2.51%	0.279%
70	16.963	2372	2376	2382	rVB	87699	129263	5.33%	0.594%
71	17.039	2382	2389	2393	rVB4	9896	17035	0.70%	0.078%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009618.D
Acq On : 06 Feb 2020 20:23
Operator : CG/JU
Sample : L1323-11DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49DL

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-BN020320MA.M
Title : SVOA CALIBRATION

72	17.357	2439	2443	2446	rVV4	9370	14431	0.59%	0.066%
73	17.410	2449	2452	2459	rVB3	14323	22613	0.93%	0.104%
74	17.551	2474	2476	2484	rVB5	10329	18208	0.75%	0.084%
75	17.704	2497	2502	2506	rVV	109813	144375	5.95%	0.663%
76	17.751	2506	2510	2519	rVV	112588	163790	6.75%	0.752%
77	17.834	2519	2524	2529	rVV2	33143	50446	2.08%	0.232%
78	17.892	2529	2534	2539	rVV2	97508	172701	7.12%	0.793%
79	17.934	2539	2541	2546	rVB	56096	70907	2.92%	0.326%
80	18.216	2584	2589	2594	rVV	42132	60387	2.49%	0.277%
81	18.469	2626	2632	2634	rBV4	11028	15328	0.63%	0.070%
82	18.522	2637	2641	2644	rBV4	12750	15412	0.64%	0.071%
83	18.633	2655	2660	2665	rBV3	35389	60582	2.50%	0.278%
84	18.698	2665	2671	2674	rBV5	23990	42637	1.76%	0.196%
85	18.728	2674	2676	2680	rVB4	17558	20701	0.85%	0.095%
86	18.775	2680	2684	2687	rBV5	9796	17264	0.71%	0.079%
87	18.898	2699	2705	2711	rBV	129101	191270	7.89%	0.879%
88	18.975	2714	2718	2722	rVV6	8845	14622	0.60%	0.067%
89	19.051	2727	2731	2737	rVB	47207	59351	2.45%	0.273%
90	19.263	2763	2767	2778	rVB	196069	274863	11.33%	1.263%
91	19.604	2820	2825	2830	rBV6	23449	54852	2.26%	0.252%
92	19.686	2834	2839	2840	rBV5	15930	24244	1.00%	0.111%
93	19.739	2845	2848	2849	rVV3	30677	36200	1.49%	0.166%
94	19.769	2850	2853	2859	rVB3	46283	73714	3.04%	0.339%
95	19.875	2867	2871	2875	rBV4	39650	52458	2.16%	0.241%
96	19.928	2877	2880	2884	rVB2	28646	39768	1.64%	0.183%
97	20.069	2900	2904	2907	rBV3	23103	36641	1.51%	0.168%
98	20.116	2909	2912	2914	rVV3	27163	30238	1.25%	0.139%
99	21.039	3063	3069	3074	rBV	1775438	2425546	100.00%	11.141%
100	23.157	3423	3429	3438	rVB	1238359	2138765	88.18%	9.824%

Sum of corrected areas: 21770652

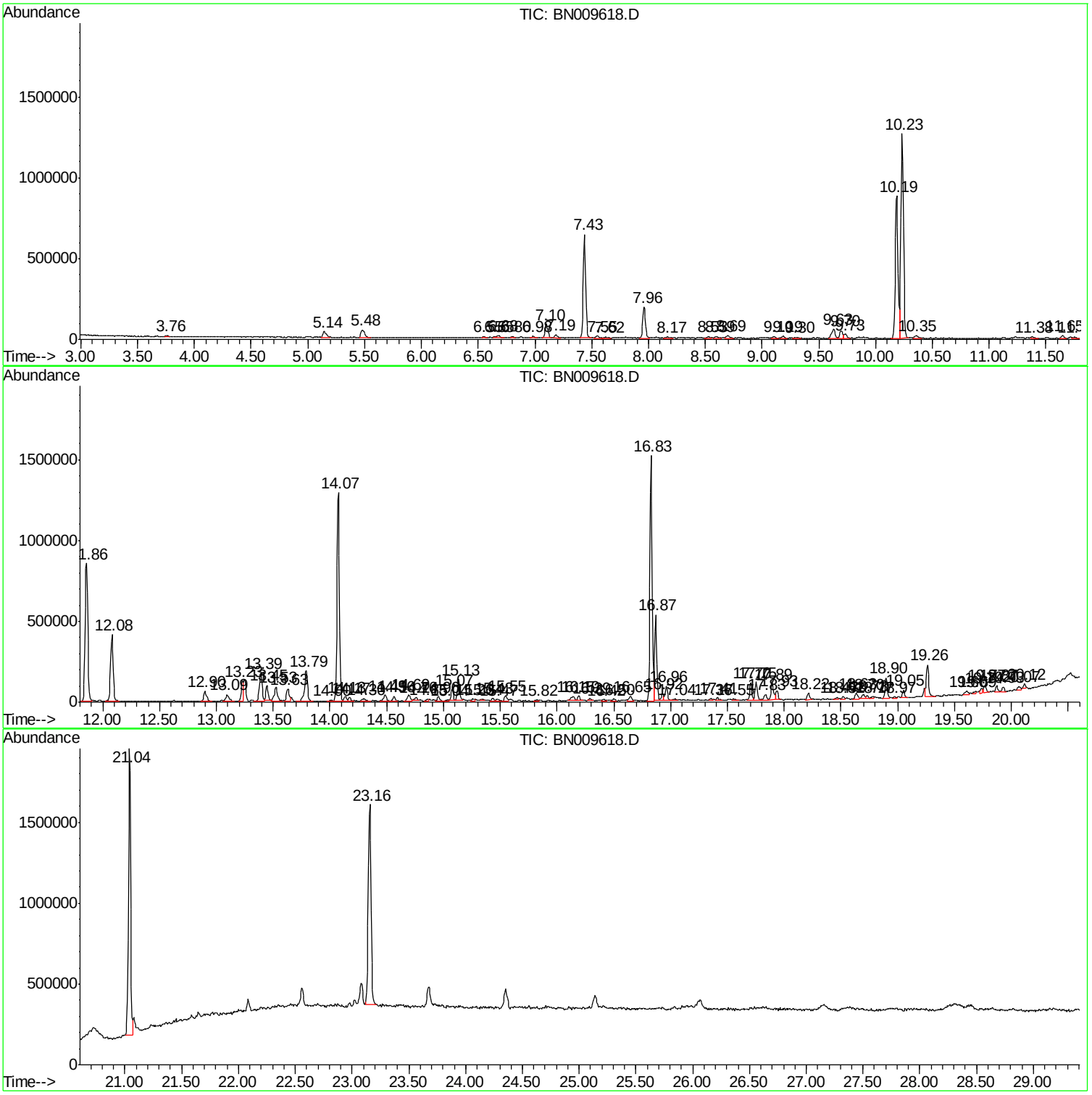
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009618.D
Acq On : 06 Feb 2020 20:23
Operator : CG/JU
Sample : L1323-11DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT49DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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\BN020620\
Data File : BN009618.D
Acq On : 06 Feb 2020 20:23
Operator : CG/JU
Sample : L1323-11DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

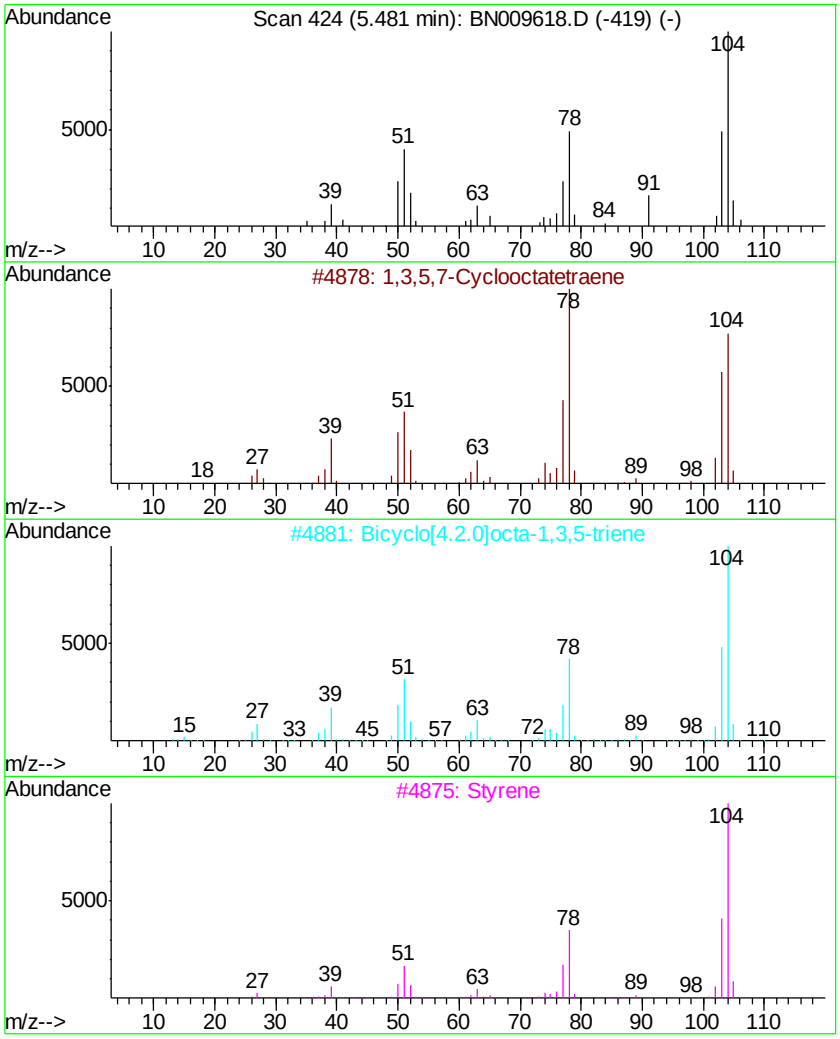
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

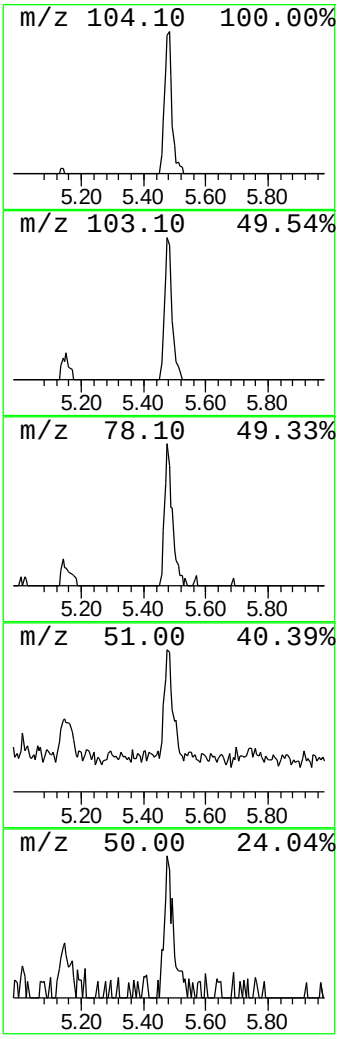
****

Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	2.21 ng/ul	111179	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	96
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
3	Styrene	104	C8H8	000100-42-5	95
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
5	Styrene	104	C8H8	000100-42-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009618.D
Acq On : 06 Feb 2020 20:23
Operator : CG/JU
Sample : L1323-11DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

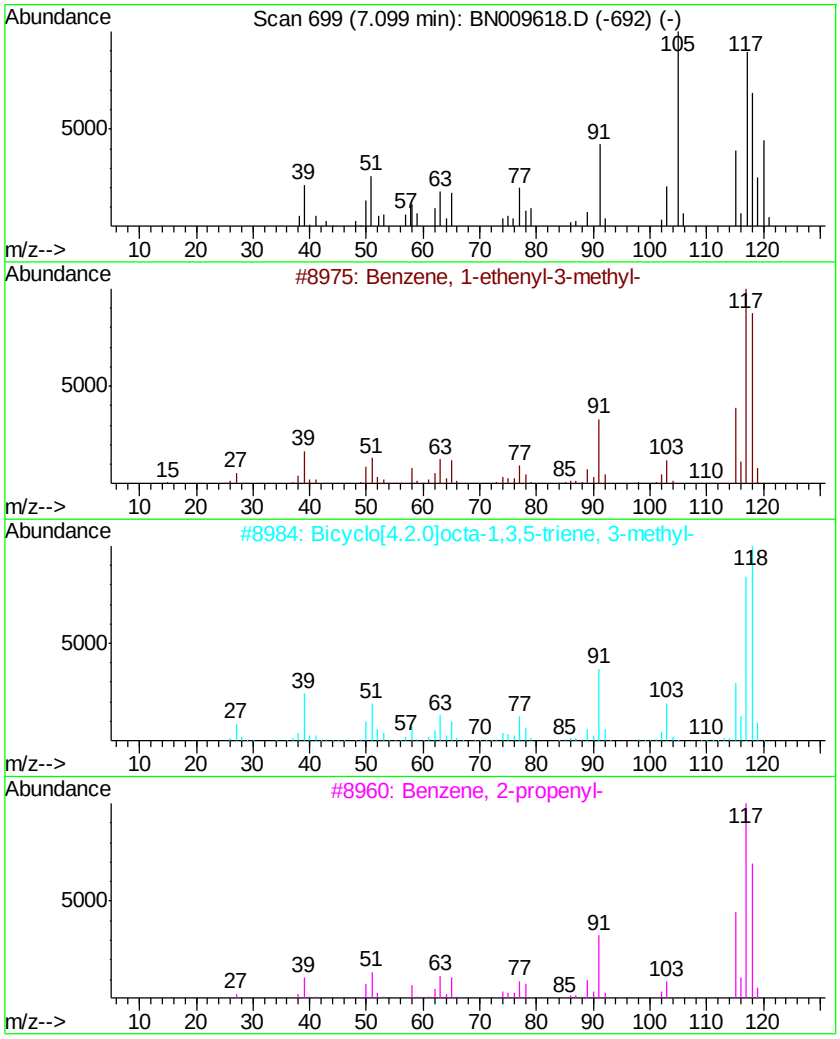
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

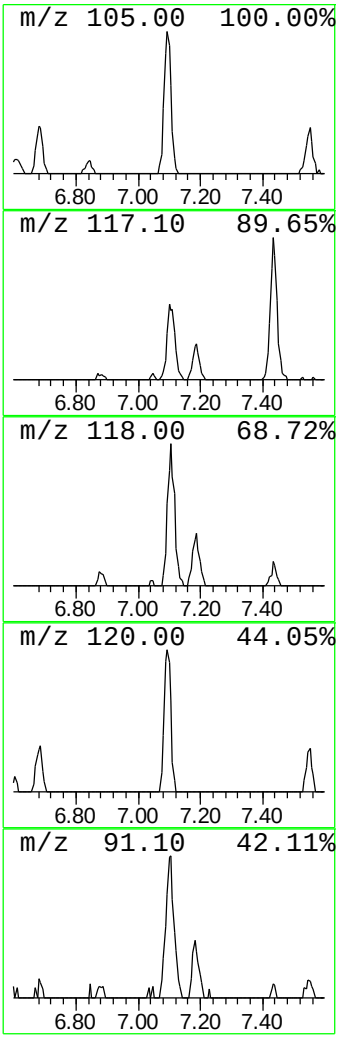
****

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	3.13 ng/ul	157396	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	55
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	53
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	45
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009618.D
Acq On : 06 Feb 2020 20:23
Operator : CG/JU
Sample : L1323-11DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

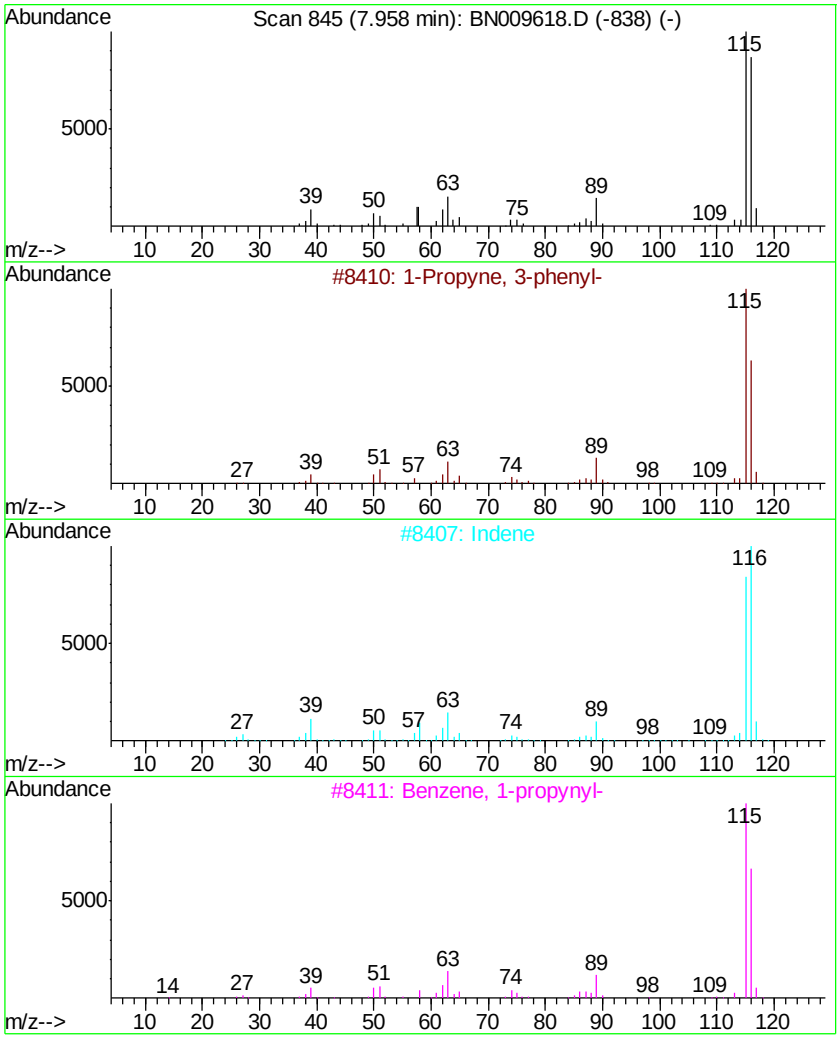
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

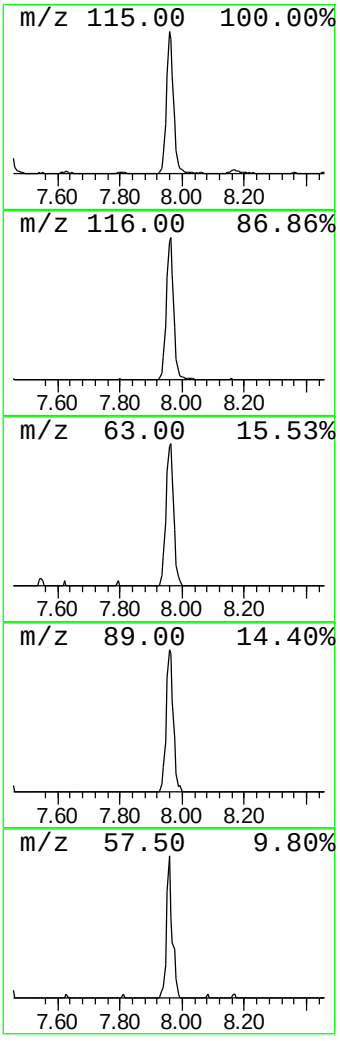
****

Peak Number 3 1-Propyne, 3-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	6.18 ng/ul	310606	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
4	Indene	116	C9H8	000095-13-6	90
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009618.D
Acq On : 06 Feb 2020 20:23
Operator : CG/JU
Sample : L1323-11DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

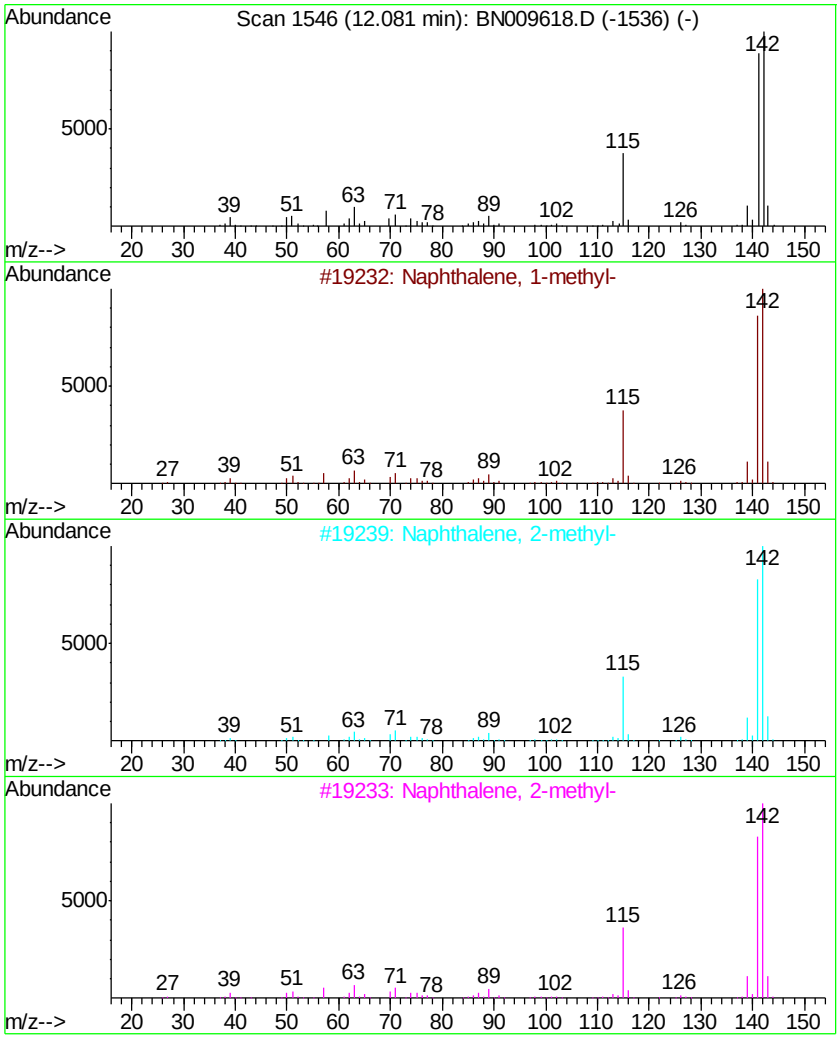
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

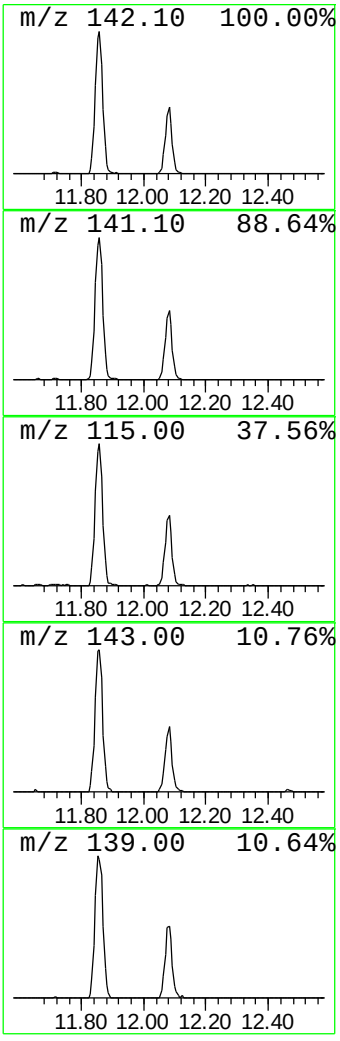
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	8.60 ng/ul	657560	Naphthalene-d8	10.19

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	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009618.D
Acq On : 06 Feb 2020 20:23
Operator : CG/JU
Sample : L1323-11DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

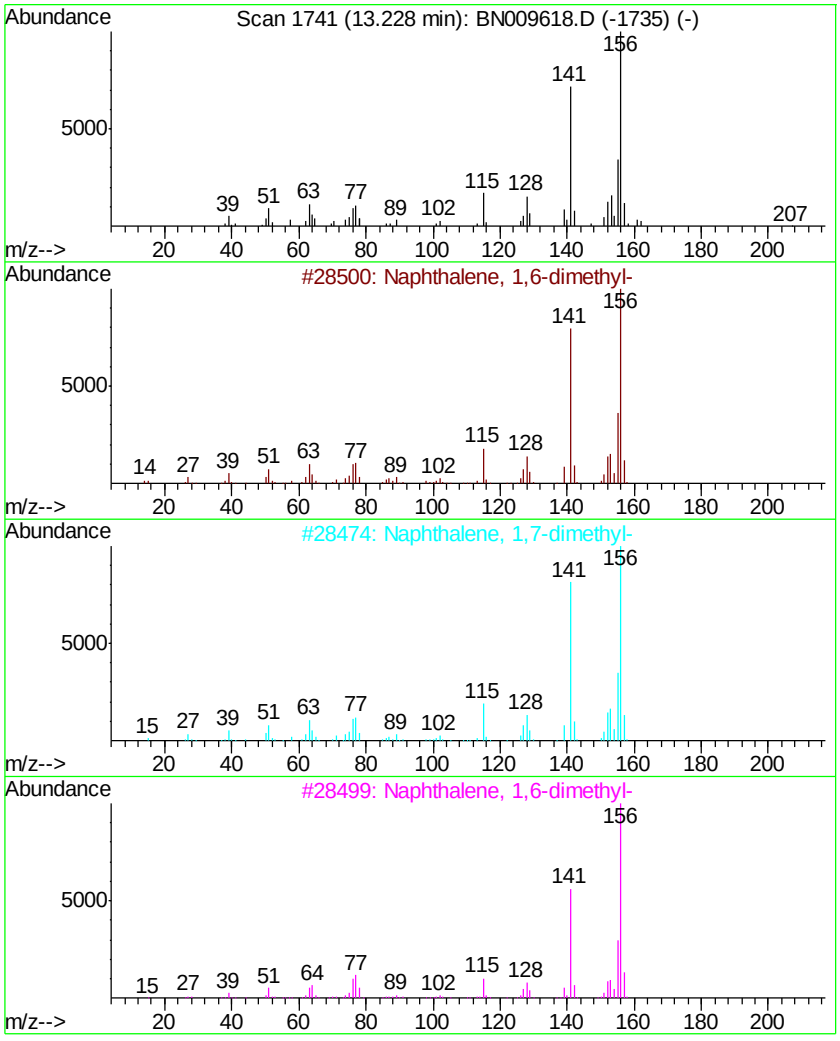
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

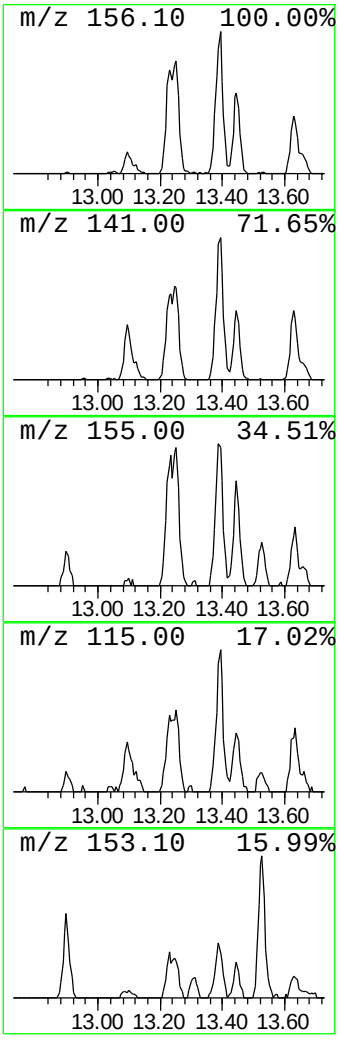
****

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.02 ng/ul	196028	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009618.D
Acq On : 06 Feb 2020 20:23
Operator : CG/JU
Sample : L1323-11DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

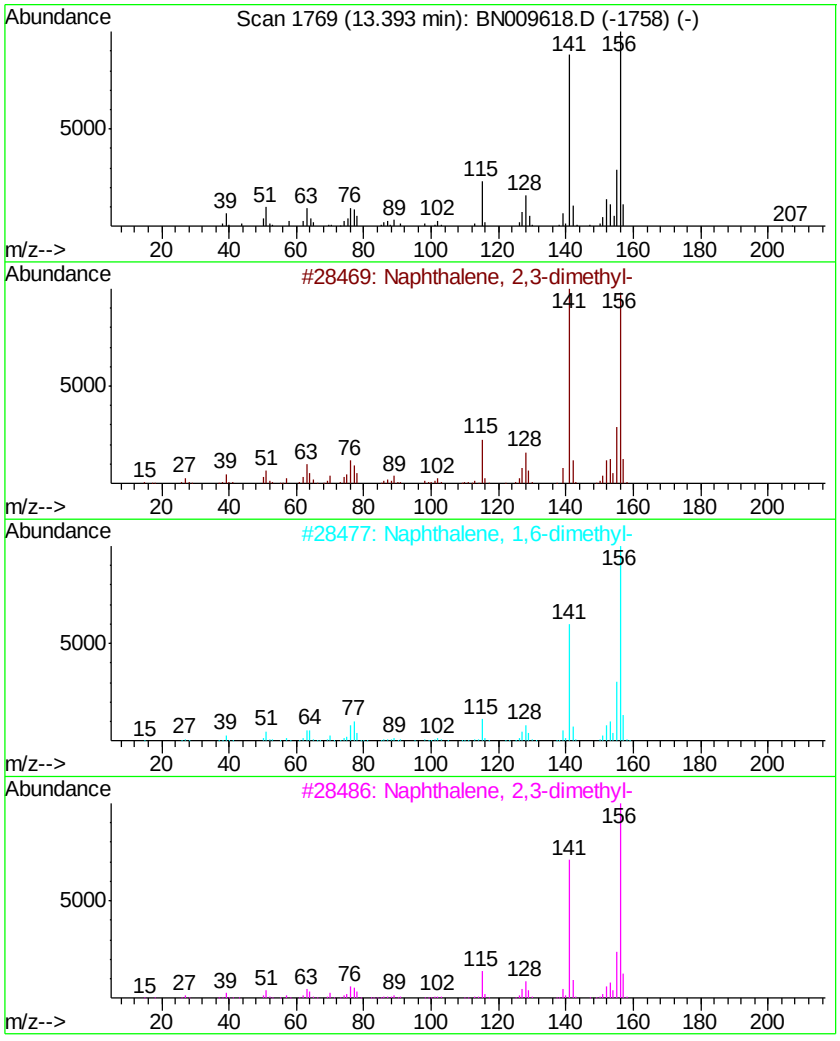
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

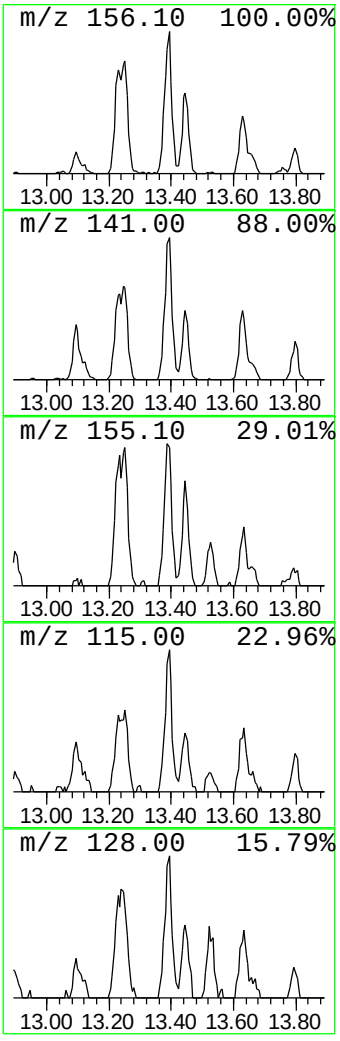
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	3.05 ng/ul	295551	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009618.D
Acq On : 06 Feb 2020 20:23
Operator : CG/JU
Sample : L1323-11DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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
1,3,5,7-Cycloocta...	5.48	2.2	ng/ul	111179	1	7.43	1005850	20.0
Benzene, 1-etheny...	7.10	3.1	ng/ul	157396	1	7.43	1005850	20.0
1-Propyne, 3-phenyl-	7.96	6.2	ng/ul	310606	1	7.43	1005850	20.0
Naphthalene, 1-me...	12.08	8.6	ng/ul	657560	2	10.19	1529230	20.0
Naphthalene, 1,6-...	13.23	2.0	ng/ul	196028	3	14.07	1938660	20.0
Naphthalene, 2,3-...	13.39	3.0	ng/ul	295551	3	14.07	1938660	20.0