LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012649.D
Acq On : 20 Nov 2020 01:32
Operator : CG/JU
Sample : L4753-15DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH6DL

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	20	25	35	rBV	153095	260020	3.43%	0.757%
2	2.717	35	39	46	rVB	146170	173263	2.29%	0.504%
3	3.693	198	205	209	rBV5	9877	19281	0.25%	0.056%
4	5.111	442	446	454	rBV	16344	31373	0.41%	0.091%
5	5.475	500	508	511	rBV5	16302	27804	0.37%	0.081%
6	6.628	701	704	709	rVV2	19496	28902	0.38%	0.084%
7	6.793	726	732	739	rBV	79666	130179	1.72%	0.379%
8	6.975	757	763	772	rBV	89297	148483	1.96%	0.432%
9	7.093	778	783	790	rVB2	25186	42729	0.56%	0.124%
10	7.163	790	795	803	rBV2	32231	52751	0.70%	0.154%
11	7.440	836	842	853	rBV	510849	807310	10.65%	2.350%
12	7.805	898	904	910	rBV	98449	147541	1.95%	0.429%
13	7.969	923	932	941	rVB	419353	696953	9.19%	2.029%
14	8.152	958	963	969	rBV	54373	89856	1.19%	0.262%
15	8.593	1032	1038	1045	rBV	100707	179159	2.36%	0.521%
16	8.787	1065	1071	1075	rBV4	15891	22867	0.30%	0.067%
17	8.904	1078	1091	1097	rBV3	36277	83454	1.10%	0.243%
18	9.310	1152	1160	1166	rVV	76304	135194	1.78%	0.394%
19	9.469	1183	1187	1191	rBV2	11968	18536	0.24%	0.054%
20	9.616	1205	1212	1215	rBV5	27972	55602	0.73%	0.162%
21	9.716	1224	1229	1240	rVB5	21870	61225	0.81%	0.178%
22	9.840	1244	1250	1258	rVV2	118272	203779	2.69%	0.593%
23	10.204	1304	1312	1316	rBV	650130	1104910	14.57%	3.216%
24	10.257	1316	1321	1335	rVV	4648573	7581284	100.00%	22.067%
25	10.375	1335	1341	1351	rVB	274667	472286	6.23%	1.375%
26	10.587	1371	1377	1384	rBV6	28210	63224	0.83%	0.184%
27	11.604	1543	1550	1559	rBV3	38712	73885	0.97%	0.215%
28	11.775	1573	1579	1585	rBV2	20798	34371	0.45%	0.100%
29	11.881	1591	1597	1608	rBV	721014	1119786	14.77%	3.259%
30	12.004	1611	1618	1623	rVB4	17019	33993	0.45%	0.099%
31	12.104	1623	1635	1644	rBV	493692	784548	10.35%	2.284%
32	12.922	1766	1774	1783	rBV2	81696	135041	1.78%	0.393%
33	13.122	1802	1808	1816	rVV	20256	46515	0.61%	0.135%
34	13.251	1824	1830	1831	rBV3	26176	32902	0.43%	0.096%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012649.D
Acq On : 20 Nov 2020 01:32
Operator : CG/JU
Sample : L4753-15DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH6DL

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	1831	1833	1843	rVB5	26503	37992	0.50%	0.111%
36	13.410	1852	1857	1863	rBV4	46827	81462	1.07%	0.237%
37	13.469	1863	1867	1870	rVV3	30247	43587	0.57%	0.127%
38	13.516	1870	1875	1881	rVV	274744	405128	5.34%	1.179%
39	13.569	1881	1884	1890	rVV2	37561	53546	0.71%	0.156%
40	13.657	1893	1899	1901	rVV4	17871	28435	0.38%	0.083%
41	13.787	1915	1921	1932	rVV	286915	455729	6.01%	1.327%
42	14.098	1966	1974	1980	rBV	1101836	1571706	20.73%	4.575%
43	14.163	1980	1985	1992	rVV	1048687	1463072	19.30%	4.259%
44	14.234	1993	1997	2003	rVV	52833	81166	1.07%	0.236%
45	14.328	2010	2013	2016	rVV5	11332	18183	0.24%	0.053%
46	14.381	2019	2022	2025	rVV4	22004	35059	0.46%	0.102%
47	14.410	2025	2027	2032	rVB	23050	29861	0.39%	0.087%
48	14.498	2037	2042	2054	rVV2	271583	464370	6.13%	1.352%
49	14.651	2064	2068	2073	rBV3	35533	47089	0.62%	0.137%
50	14.728	2078	2081	2087	rVB6	11329	17807	0.23%	0.052%
51	14.822	2092	2097	2102	rBV	12678	20043	0.26%	0.058%
52	15.045	2129	2135	2139	rBV2	61394	112235	1.48%	0.327%
53	15.098	2139	2144	2149	rVV	408011	584776	7.71%	1.702%
54	15.157	2149	2154	2161	rVV	389314	553776	7.30%	1.612%
55	15.234	2162	2167	2172	rVV2	112737	191028	2.52%	0.556%
56	15.281	2172	2175	2179	rVV4	37716	54414	0.72%	0.158%
57	15.316	2179	2181	2187	rVV4	21863	32100	0.42%	0.093%
58	15.410	2189	2197	2200	rVV6	14129	37189	0.49%	0.108%
59	15.451	2200	2204	2211	rVB3	28421	44931	0.59%	0.131%
60	15.598	2225	2229	2237	rVB3	30093	56930	0.75%	0.166%
61	15.834	2264	2269	2275	rBV3	62476	101938	1.34%	0.297%
62	16.128	2312	2319	2323	rBV3	27109	52773	0.70%	0.154%
63	16.481	2375	2379	2380	rBV3	21557	25602	0.34%	0.075%
64	16.504	2380	2383	2389	rVB2	52986	72449	0.96%	0.211%
65	16.669	2408	2411	2416	rVB2	17288	23335	0.31%	0.068%
66	16.763	2423	2427	2433	rBV5	13584	20770	0.27%	0.060%
67	16.851	2433	2442	2446	rBV	1383802	1932553	25.49%	5.625%
68	16.892	2446	2449	2453	rVV	284016	374151	4.94%	1.089%
69	16.951	2453	2459	2468	rVB	466083	703900	9.28%	2.049%
70	17.263	2503	2512	2521	rBV	748398	1096100	14.46%	3.190%
71	17.351	2521	2527	2535	rVV5	65242	157626	2.08%	0.459%

LSC Area Percent Report

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Data File : BN012649.D
Acq On : 20 Nov 2020 01:32
Operator : CG/JU
Sample : L4753-15DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH6DL

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	17.422	2535	2539	2545	rVB	71550	98718	1.30%	0.287%
73	17.522	2553	2556	2561	rVB5	15773	21267	0.28%	0.062%
74	17.569	2561	2564	2568	rBV4	11840	20144	0.27%	0.059%
75	17.610	2568	2571	2577	rVB7	11126	19426	0.26%	0.057%
76	17.698	2581	2586	2594	rBV3	46664	88243	1.16%	0.257%
77	17.769	2594	2598	2603	rBV3	105054	176910	2.33%	0.515%
78	17.851	2609	2612	2620	rVB2	48884	71424	0.94%	0.208%
79	17.922	2620	2624	2631	rVB3	40747	67617	0.89%	0.197%
80	18.010	2635	2639	2643	rBV3	26929	48274	0.64%	0.141%
81	18.080	2648	2651	2654	rVV	27861	39193	0.52%	0.114%
82	18.122	2654	2658	2662	rVV4	14858	20463	0.27%	0.060%
83	18.180	2662	2668	2673	rVV4	34844	63739	0.84%	0.186%
84	18.233	2675	2677	2681	rVV3	21997	27626	0.36%	0.080%
85	18.280	2681	2685	2689	rVV7	13056	20089	0.26%	0.058%
86	18.739	2759	2763	2768	rBV6	17447	36233	0.48%	0.105%
87	18.922	2790	2794	2801	rVB	20417	28680	0.38%	0.083%
88	19.063	2815	2818	2824	rBV8	34236	44953	0.59%	0.131%
89	19.257	2846	2851	2858	rBV	608078	822074	10.84%	2.393%
90	19.674	2918	2922	2926	rBV3	39089	47494	0.63%	0.138%
91	19.739	2929	2933	2940	rVV2	50786	76345	1.01%	0.222%
92	20.798	3109	3113	3120	rBV8	66614	107712	1.42%	0.314%
93	21.063	3153	3158	3169	rBV	1909036	2359489	31.12%	6.868%
94	21.186	3177	3179	3184	rVB3	46470	55400	0.73%	0.161%
95	22.092	3330	3333	3337	rBV2	114869	128487	1.69%	0.374%
96	22.568	3411	3414	3419	rVB3	131307	167756	2.21%	0.488%
97	23.045	3490	3495	3500	rBV	459692	790261	10.42%	2.300%
98	23.092	3500	3503	3509	rVB2	180276	265254	3.50%	0.772%
99	23.174	3512	3517	3527	rVB	1376312	2444659	32.25%	7.116%
100	23.692	3601	3605	3611	rVB3	133301	215480	2.84%	0.627%

Sum of corrected areas: 34355227

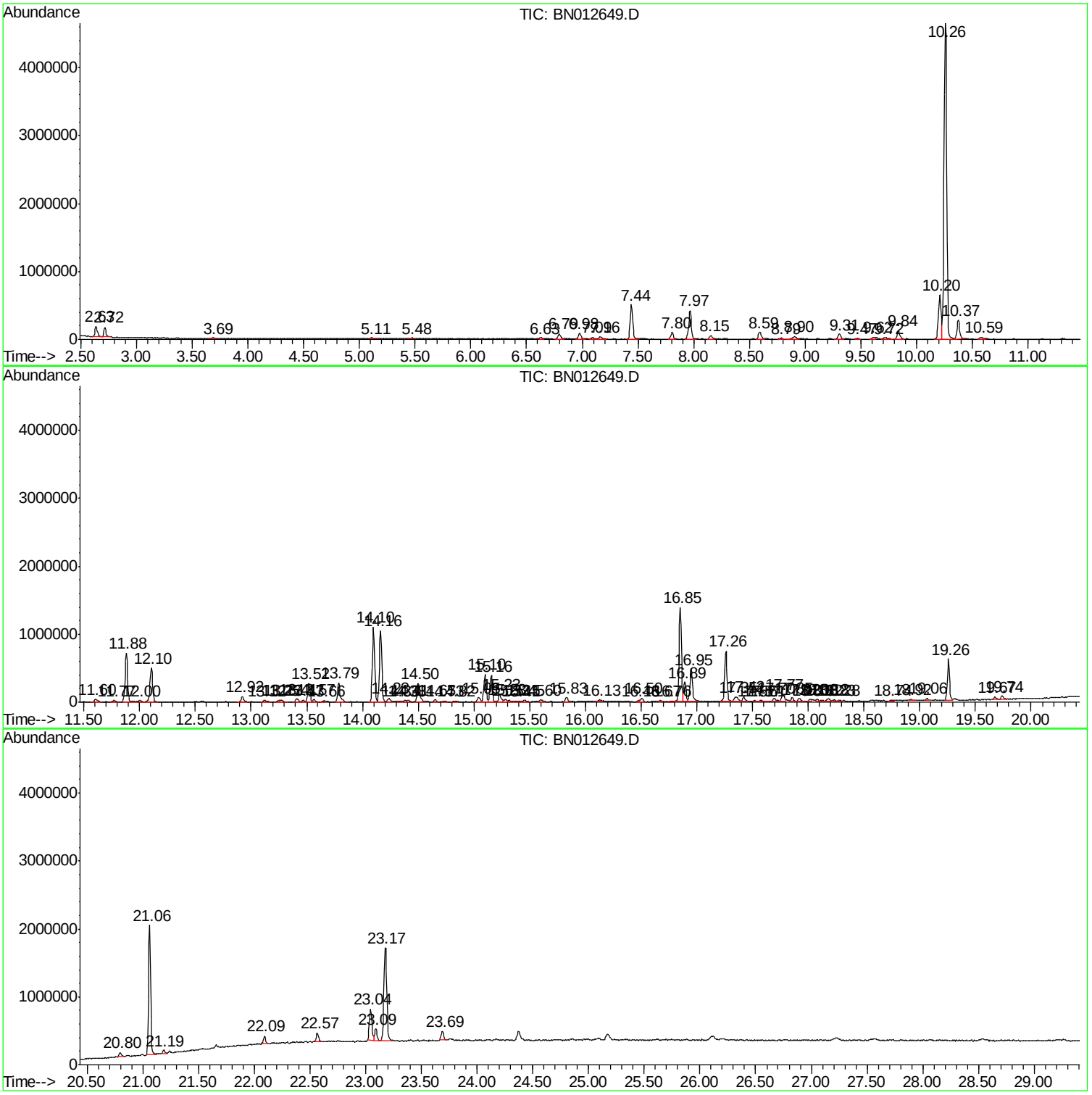
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012649.D
Acq On : 20 Nov 2020 01:32
Operator : CG/JU
Sample : L4753-15DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBGH6DL

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 : BN012649.D
Acq On : 20 Nov 2020 01:32
Operator : CG/JU
Sample : L4753-15DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH6DL

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

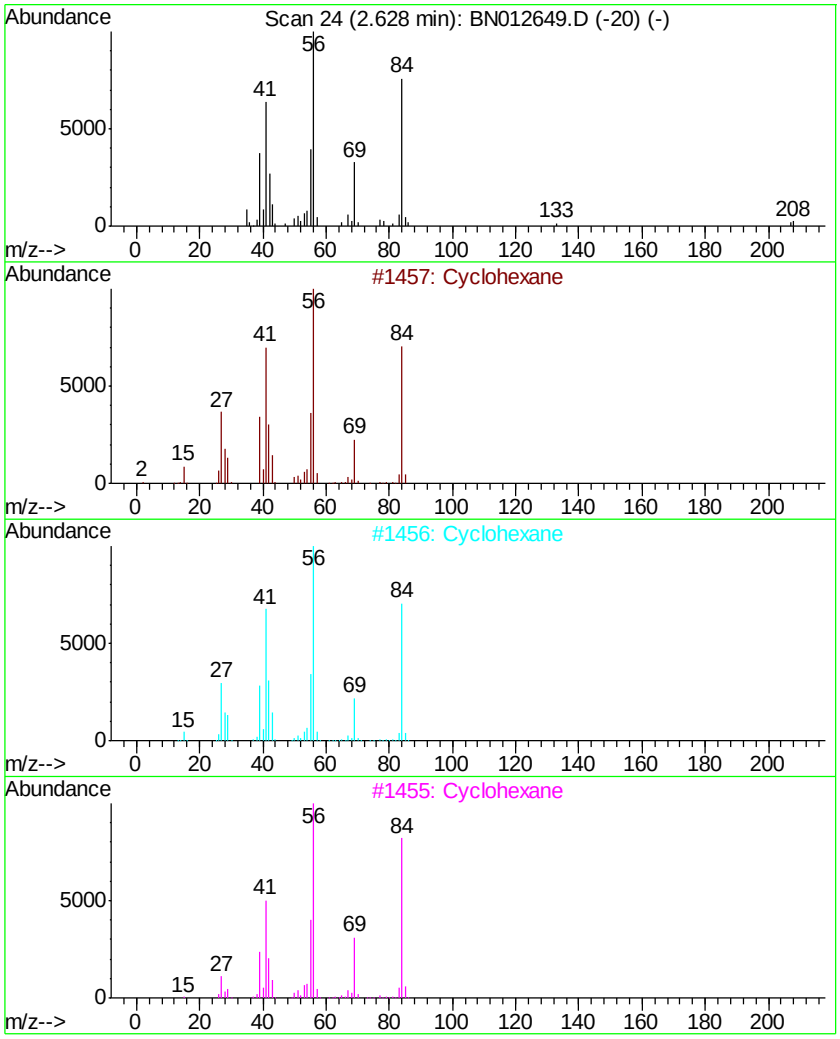
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

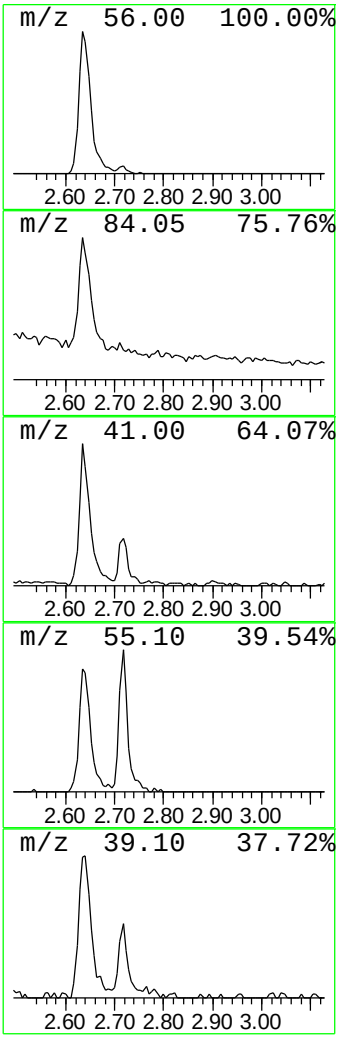
****

Peak Number 1 (DEL) Alkane: Cyclic2.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.63	6.44 ng/ul	260020	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	90
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
5	Cyclohexane	84	C6H12	000110-82-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012649.D
Acq On : 20 Nov 2020 01:32
Operator : CG/JU
Sample : L4753-15DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH6DL

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

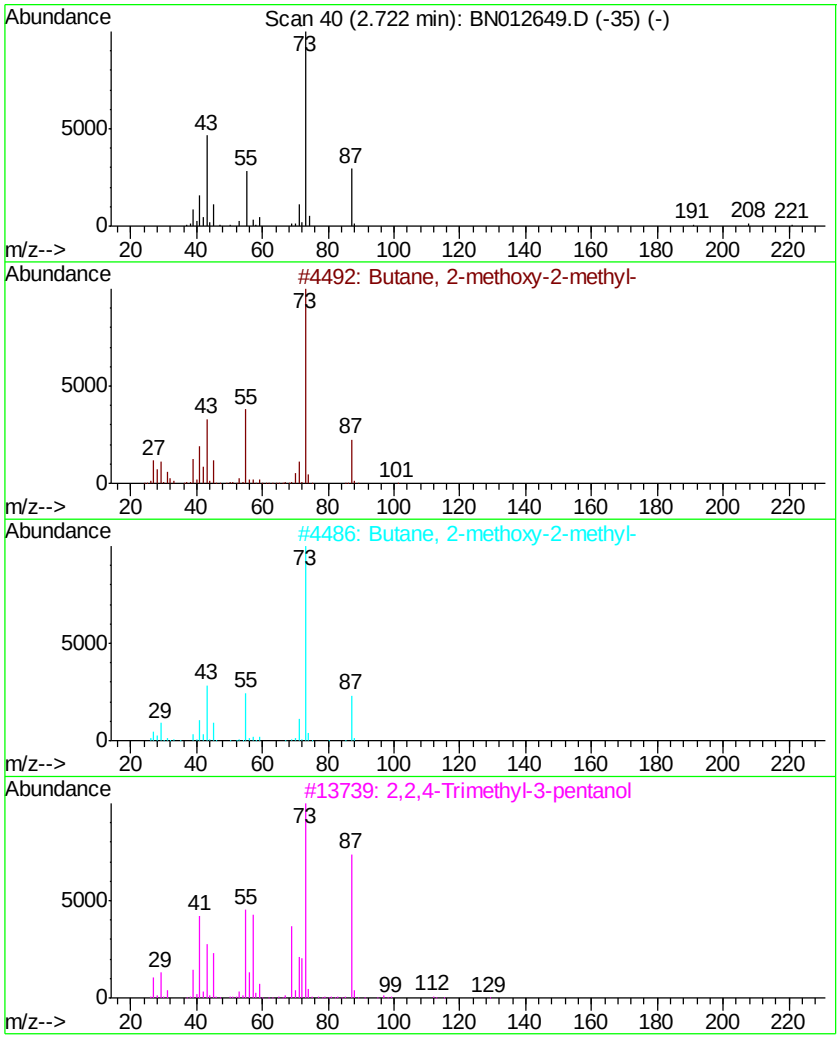
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

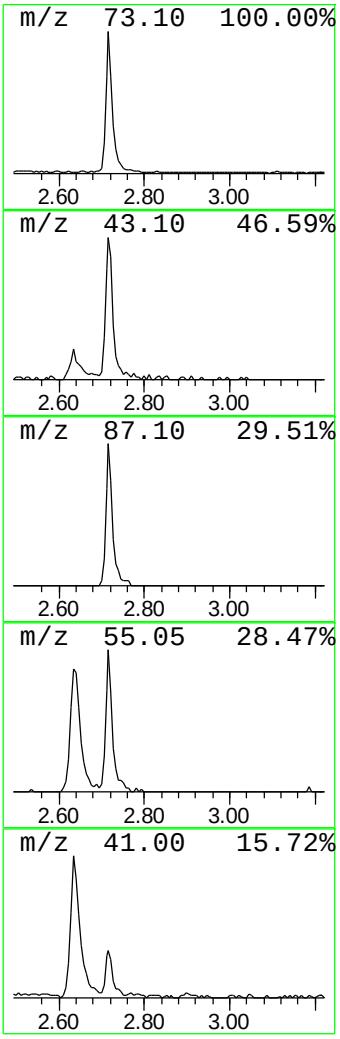
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	4.29 ng/ul	173263	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012649.D
Acq On : 20 Nov 2020 01:32
Operator : CG/JU
Sample : L4753-15DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH6DL

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

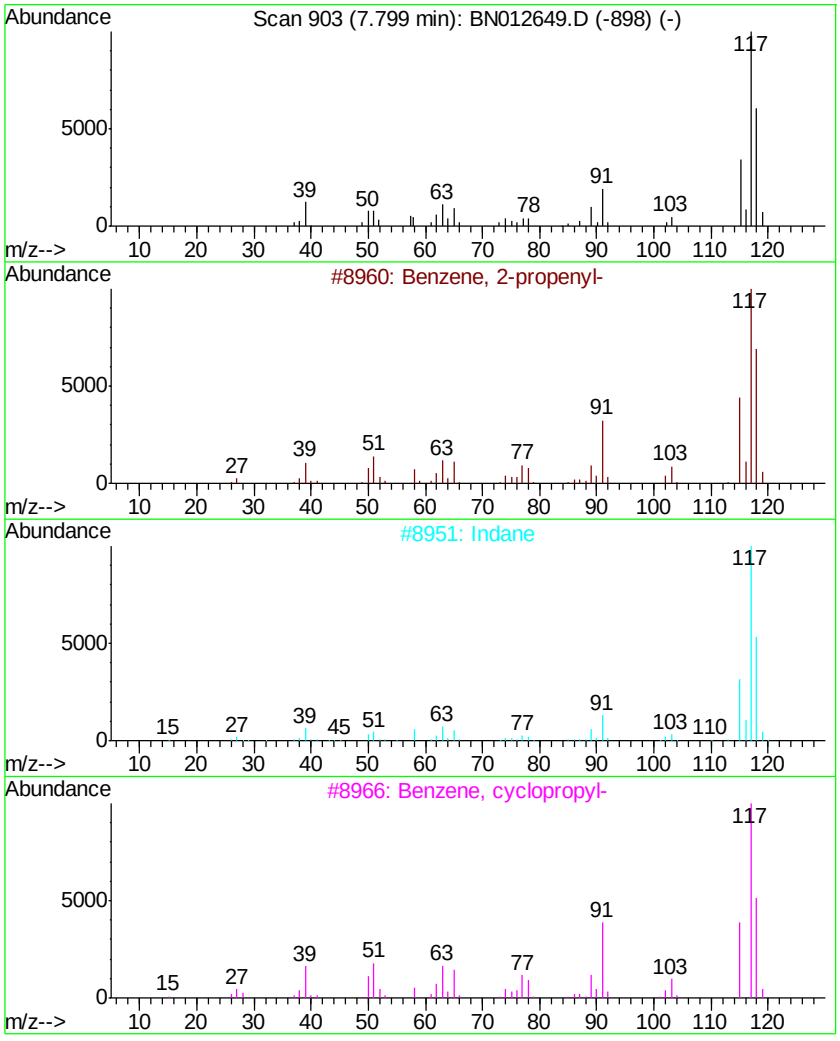
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

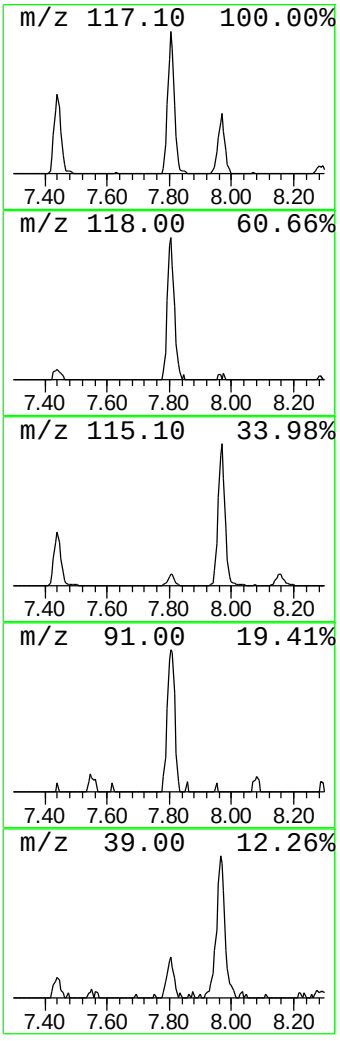
****

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	3.66 ng/ul	147541	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Deltacyclene	118	C9H10	007785-10-6	76
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012649.D
Acq On : 20 Nov 2020 01:32
Operator : CG/JU
Sample : L4753-15DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH6DL

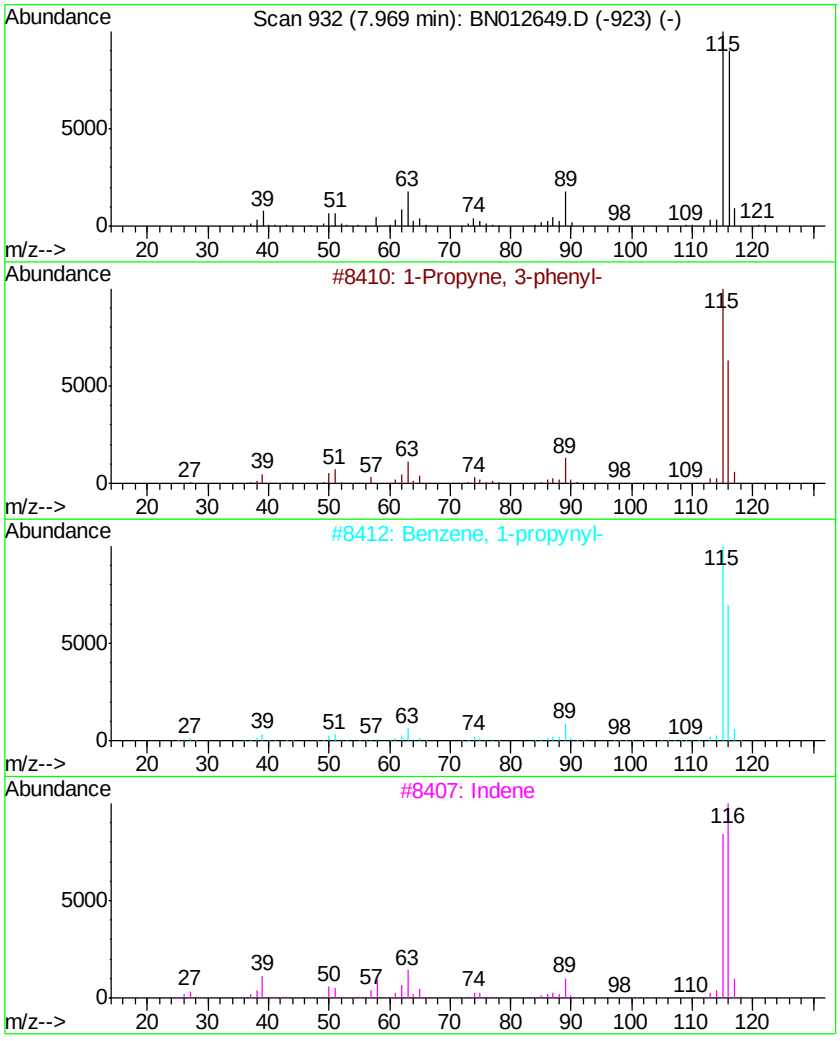
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

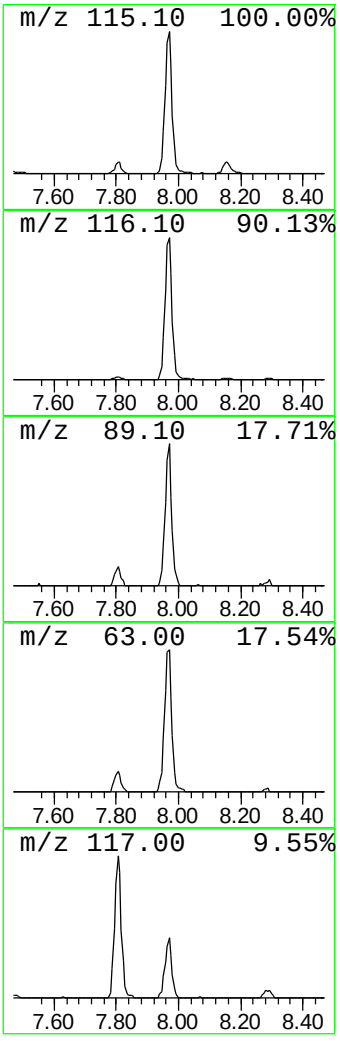
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Propyne, 3-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	17.27 ng/ul	696953	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012649.D
Acq On : 20 Nov 2020 01:32
Operator : CG/JU
Sample : L4753-15DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH6DL

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

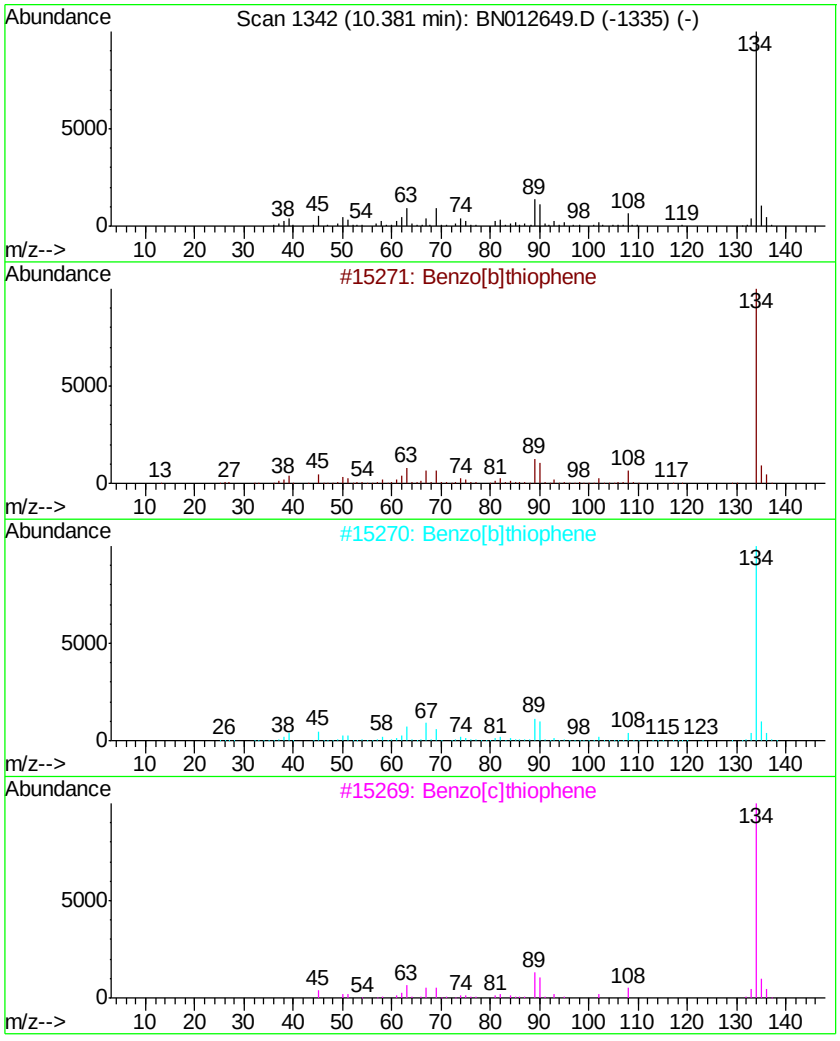
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

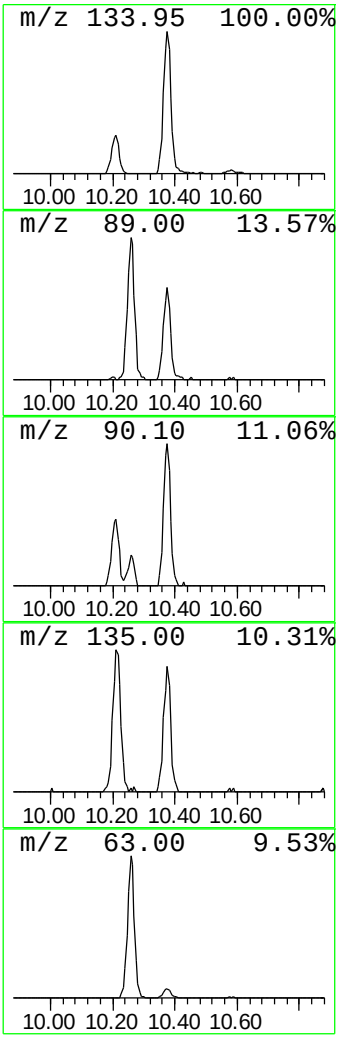
****

Peak Number 5 Benzo[b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	8.55 ng/ul	472286	Naphthalene-d8	10.20

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	Benzo[c]thiophene	134	C8H6S	000270-82-6	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012649.D
Acq On : 20 Nov 2020 01:32
Operator : CG/JU
Sample : L4753-15DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH6DL

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

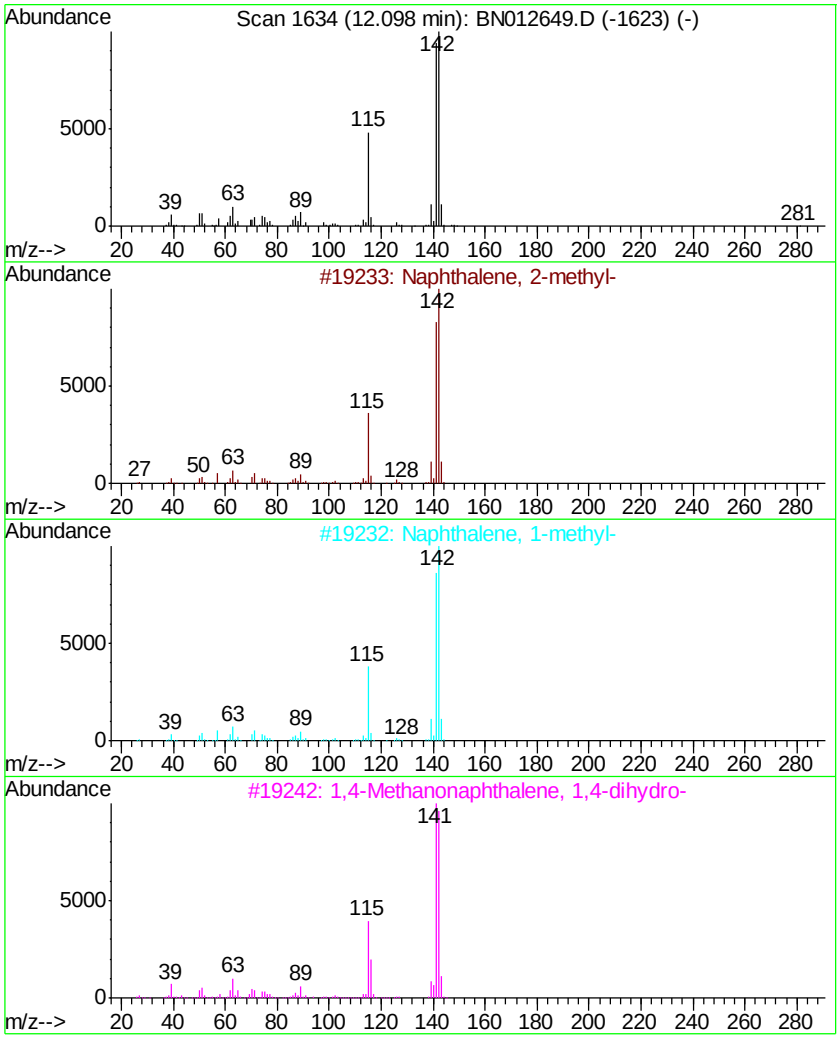
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

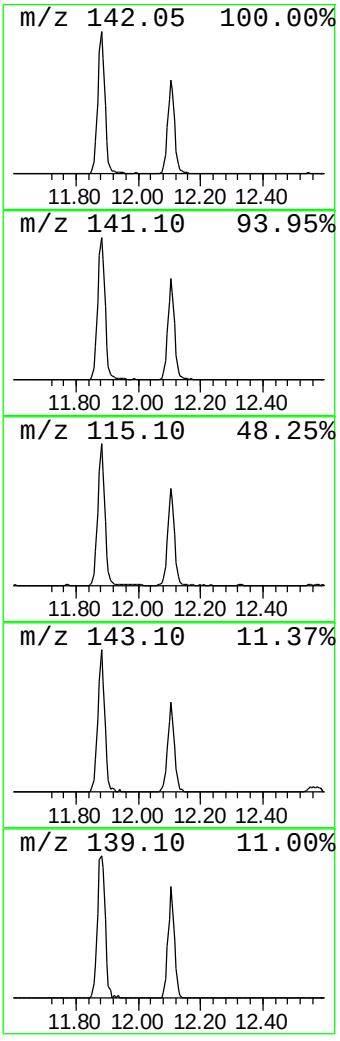
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	14.20 ng/ul	784548	Naphthalene-d8	10.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012649.D
Acq On : 20 Nov 2020 01:32
Operator : CG/JU
Sample : L4753-15DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH6DL

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	6.4	ng/ul	260020	1	7.44	807310	20.0
Butane, 2-methoxy...	2.72	4.3	ng/ul	173263	1	7.44	807310	20.0
Benzene, 2-propenyl-	7.80	3.7	ng/ul	147541	1	7.44	807310	20.0
1-Propyne, 3-phenyl-	7.97	17.3	ng/ul	696953	1	7.44	807310	20.0
Benzo[b]thiophene	10.38	8.6	ng/ul	472286	2	10.20	1104910	20.0
Naphthalene, 1-me...	12.10	14.2	ng/ul	784548	2	10.20	1104910	20.0