LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012642.D
Acq On : 19 Nov 2020 20:44
Operator : CG/JU
Sample : L4726-15DL 10X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF7DL

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	21	25	35	rVB	158716	288601	12.75%	1.673%
2	2.716	35	39	44	rVB	95005	114827	5.07%	0.666%
3	3.481	167	169	173	rVB5	3789	4290	0.19%	0.025%
4	3.516	173	175	179	rBV3	2852	3999	0.18%	0.023%
5	3.687	200	204	211	rBV7	9614	16185	0.72%	0.094%
6	5.063	435	438	440	rBV4	4232	4667	0.21%	0.027%
7	5.946	585	588	594	rVB5	4380	6991	0.31%	0.041%
8	6.640	701	706	711	rVB4	10936	18578	0.82%	0.108%
9	6.799	726	733	739	rBV	39141	68947	3.05%	0.400%
10	6.981	758	764	773	rBV	50094	82418	3.64%	0.478%
11	7.440	836	842	857	rBV	579618	922382	40.76%	5.347%
12	7.804	899	904	913	rBV	67019	112466	4.97%	0.652%
13	7.969	926	932	938	rBV	47754	67488	2.98%	0.391%
14	8.157	960	964	970	rVV4	31354	50268	2.22%	0.291%
15	8.204	970	972	975	rVB3	3642	4357	0.19%	0.025%
16	8.287	980	986	993	rVV4	28508	51060	2.26%	0.296%
17	8.599	1033	1039	1054	rBV3	50928	108133	4.78%	0.627%
18	8.787	1067	1071	1077	rVB5	13734	23031	1.02%	0.134%
19	8.910	1083	1092	1097	rBV3	31157	63939	2.83%	0.371%
20	8.975	1097	1103	1110	rVV4	7829	14091	0.62%	0.082%
21	9.310	1155	1160	1167	rBV2	38860	64115	2.83%	0.372%
22	9.616	1207	1212	1214	rBV4	10302	12343	0.55%	0.072%
23	9.728	1227	1231	1234	rVB4	2548	3716	0.16%	0.022%
24	9.840	1244	1250	1259	rBV2	49206	93353	4.13%	0.541%
25	10.210	1305	1313	1317	rVV	735379	1247249	55.12%	7.231%
26	10.257	1317	1321	1335	rVV	1010267	1605743	70.96%	9.309%
27	10.375	1335	1341	1352	rVB2	195346	341889	15.11%	1.982%
28	10.745	1397	1404	1405	rBV4	3080	3760	0.17%	0.022%
29	10.981	1440	1444	1449	rVB5	2938	4053	0.18%	0.023%
30	11.322	1498	1502	1507	rBV5	6610	12284	0.54%	0.071%
31	11.781	1574	1580	1586	rBV5	9482	21174	0.94%	0.123%
32	11.887	1593	1598	1601	rBV4	7459	9150	0.40%	0.053%
33	11.998	1613	1617	1626	rVB7	9537	16452	0.73%	0.095%
34	12.104	1626	1635	1642	rBV2	76363	136368	6.03%	0.791%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012642.D
Acq On : 19 Nov 2020 20:44
Operator : CG/JU
Sample : L4726-15DL 10X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF7DL

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	12.240	1653	1658	1663	rBV4	8032	14766	0.65%	0.086%
36	12.298	1663	1668	1670	rBV4	7152	9386	0.41%	0.054%
37	12.422	1683	1689	1693	rVB5	4439	8518	0.38%	0.049%
38	12.557	1708	1712	1714	rBV4	3876	5261	0.23%	0.031%
39	12.604	1716	1720	1721	rBV3	6152	6793	0.30%	0.039%
40	12.887	1763	1768	1774	rBV4	8584	12722	0.56%	0.074%
41	13.269	1823	1833	1839	rBV7	18935	39676	1.75%	0.230%
42	13.363	1846	1849	1853	rBV4	6078	11003	0.49%	0.064%
43	13.416	1853	1858	1865	rVV5	14364	23478	1.04%	0.136%
44	13.522	1868	1876	1881	rBV	150281	218201	9.64%	1.265%
45	13.569	1881	1884	1886	rVV	14075	16996	0.75%	0.099%
46	13.598	1886	1889	1894	rVB2	16918	21732	0.96%	0.126%
47	13.651	1894	1898	1901	rBV4	7118	7969	0.35%	0.046%
48	13.786	1916	1921	1929	rBV	143030	214101	9.46%	1.241%
49	14.098	1968	1974	1980	rVV	1143429	1609761	71.14%	9.333%
50	14.163	1980	1985	1991	rVV	277814	403332	17.82%	2.338%
51	14.239	1993	1998	2006	rVB	52858	76561	3.38%	0.444%
52	14.504	2038	2043	2047	rVB3	5735	10963	0.48%	0.064%
53	14.916	2108	2113	2116	rBV3	2955	4778	0.21%	0.028%
54	15.098	2139	2144	2149	rBV	197217	272455	12.04%	1.580%
55	15.157	2149	2154	2160	rVV2	117128	164072	7.25%	0.951%
56	15.233	2163	2167	2176	rVV3	46683	71524	3.16%	0.415%
57	15.310	2178	2180	2184	rVV4	7207	8957	0.40%	0.052%
58	15.363	2184	2189	2190	rVV4	3853	5092	0.23%	0.030%
59	15.404	2190	2196	2199	rVV5	10821	21928	0.97%	0.127%
60	15.451	2201	2204	2209	rBV3	5217	6761	0.30%	0.039%
61	15.539	2216	2219	2222	rBV3	6736	9077	0.40%	0.053%
62	15.598	2224	2229	2235	rVB6	9668	19674	0.87%	0.114%
63	15.833	2267	2269	2274	rVV2	7474	10438	0.46%	0.061%
64	16.098	2311	2314	2316	rVV4	3646	4240	0.19%	0.025%
65	16.133	2316	2320	2326	rVV4	13748	23749	1.05%	0.138%
66	16.639	2402	2406	2410	rBV6	11083	17843	0.79%	0.103%
67	16.669	2410	2411	2417	rVV4	9676	9245	0.41%	0.054%
68	16.739	2419	2423	2426	rVV5	3523	5176	0.23%	0.030%
69	16.775	2426	2429	2432	rVV4	3278	4485	0.20%	0.026%
70	16.851	2435	2442	2447	rVV	1389956	1908797	84.36%	11.066%
71	16.892	2447	2449	2453	rVV2	73994	91291	4.03%	0.529%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012642.D
Acq On : 19 Nov 2020 20:44
Operator : CG/JU
Sample : L4726-15DL 10X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF7DL

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	16.951	2453	2459	2473	rVB	233274	369471	16.33%	2.142%
73	17.051	2473	2476	2479	rBV4	4709	6388	0.28%	0.037%
74	17.263	2502	2512	2519	rBV	228574	343091	15.16%	1.989%
75	17.416	2534	2538	2539	rBV2	3519	3835	0.17%	0.022%
76	17.510	2548	2554	2555	rBV4	3735	6760	0.30%	0.039%
77	17.616	2568	2572	2576	rVB5	4084	5108	0.23%	0.030%
78	17.692	2582	2585	2589	rVV4	8411	10284	0.45%	0.060%
79	17.769	2593	2598	2605	rBV6	30382	50526	2.23%	0.293%
80	17.863	2608	2614	2617	rVV4	16061	24992	1.10%	0.145%
81	17.927	2621	2625	2629	rVB7	7071	8347	0.37%	0.048%
82	17.980	2632	2634	2637	rVB4	5416	3953	0.17%	0.023%
83	18.022	2637	2641	2644	rBV3	5497	10077	0.45%	0.058%
84	18.080	2647	2651	2653	rBV4	5323	4789	0.21%	0.028%
85	18.180	2665	2668	2669	rVB3	4851	4294	0.19%	0.025%
86	18.198	2669	2671	2675	rBV5	4848	4876	0.22%	0.028%
87	18.251	2675	2680	2682	rBV6	5617	9409	0.42%	0.055%
88	18.527	2724	2727	2731	rVB4	12022	14875	0.66%	0.086%
89	18.580	2734	2736	2739	rVB3	4590	3813	0.17%	0.022%
90	18.610	2739	2741	2742	rBV2	4703	3990	0.18%	0.023%
91	19.069	2813	2819	2824	rBV8	17054	32674	1.44%	0.189%
92	19.139	2829	2831	2834	rVV3	3622	3928	0.17%	0.023%
93	19.257	2846	2851	2859	rVV	283156	378630	16.73%	2.195%
94	19.386	2871	2873	2874	rBV2	5045	4003	0.18%	0.023%
95	20.021	2979	2981	2982	rBV	8526	6826	0.30%	0.040%
96	20.798	3111	3113	3118	rBV6	24792	36099	1.60%	0.209%
97	21.068	3153	3159	3169	rBV	1718445	2262759	100.00%	13.118%
98	21.192	3177	3180	3186	rBV2	53233	83076	3.67%	0.482%
99	23.045	3492	3495	3500	rBV	197283	322581	14.26%	1.870%
100	23.180	3513	3518	3528	rVB	1299254	2260324	99.89%	13.104%

Sum of corrected areas: 17248946

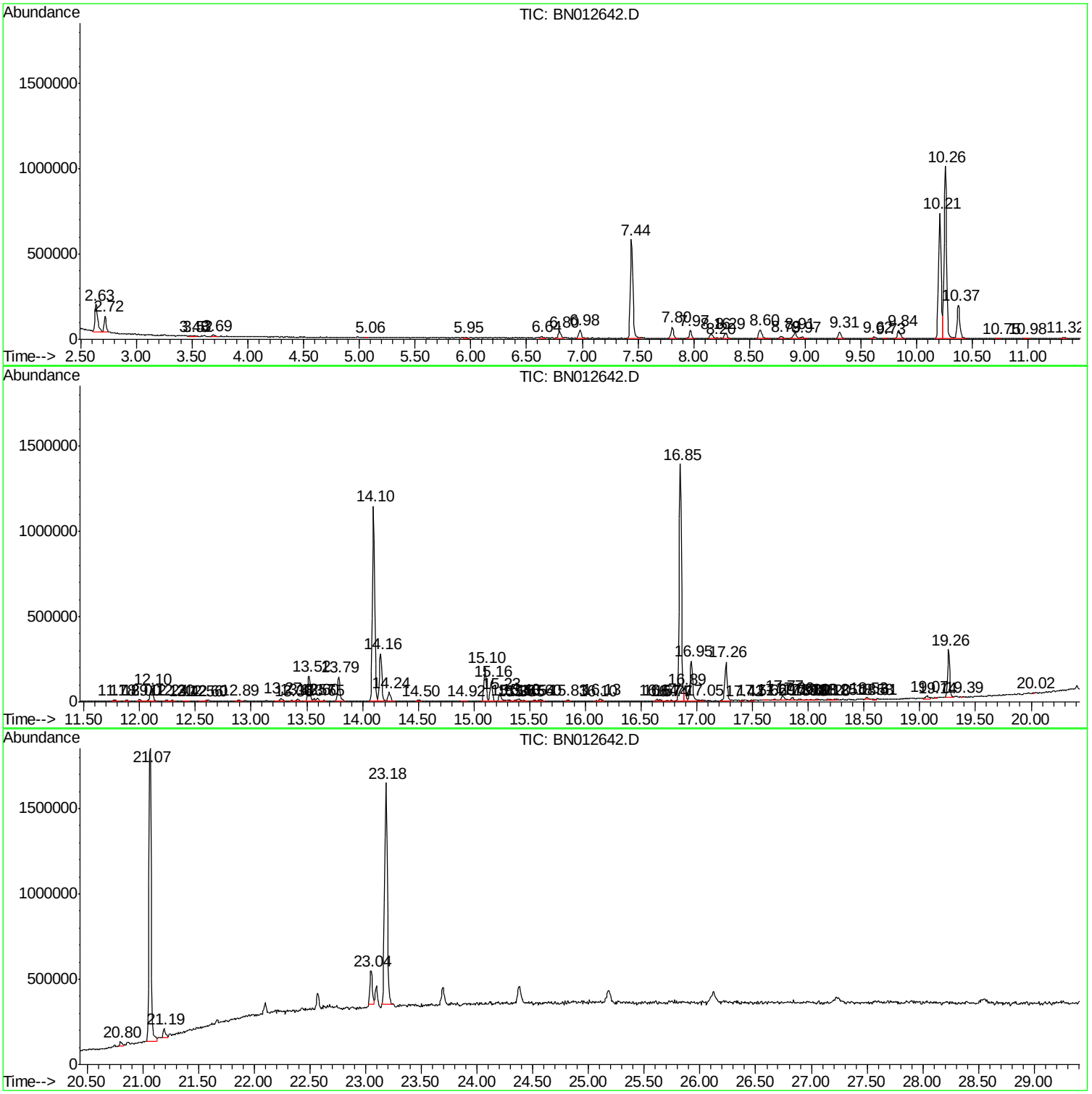
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012642.D
Acq On : 19 Nov 2020 20:44
Operator : CG/JU
Sample : L4726-15DL 10X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF7DL

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012642.D
Acq On : 19 Nov 2020 20:44
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Sample : L4726-15DL 10X
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Instrument : BNA_N
ClientSampleId : DBGF7DL

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

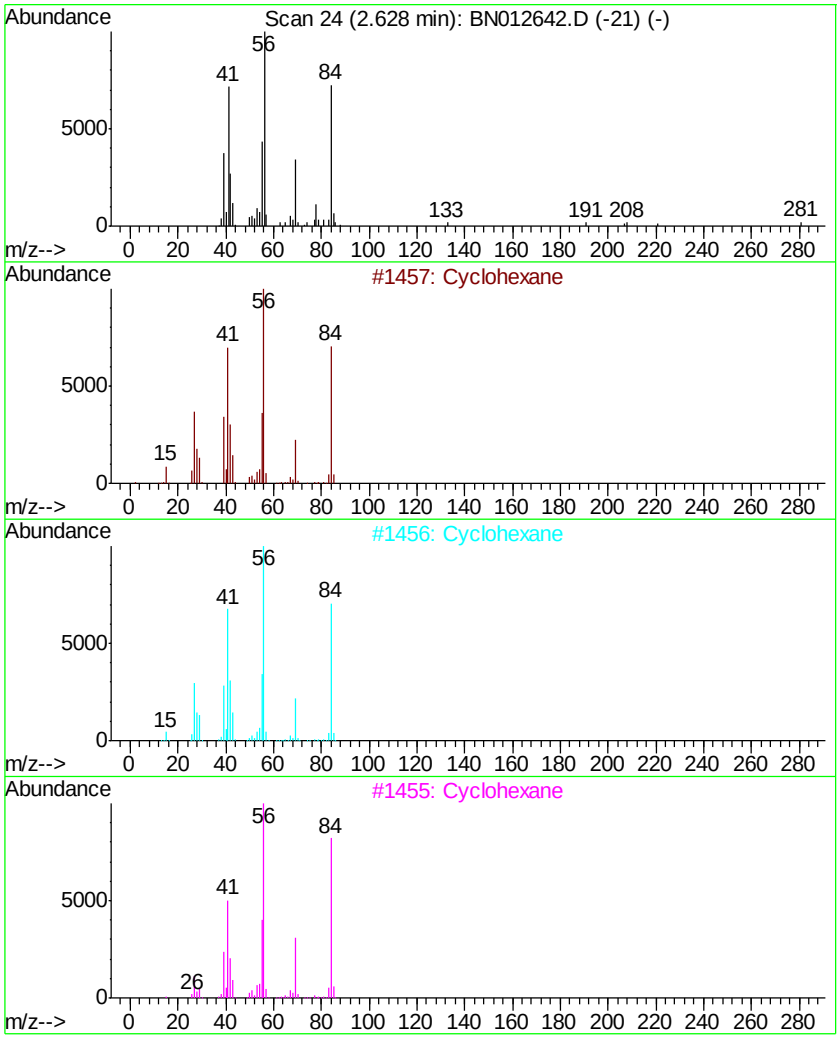
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

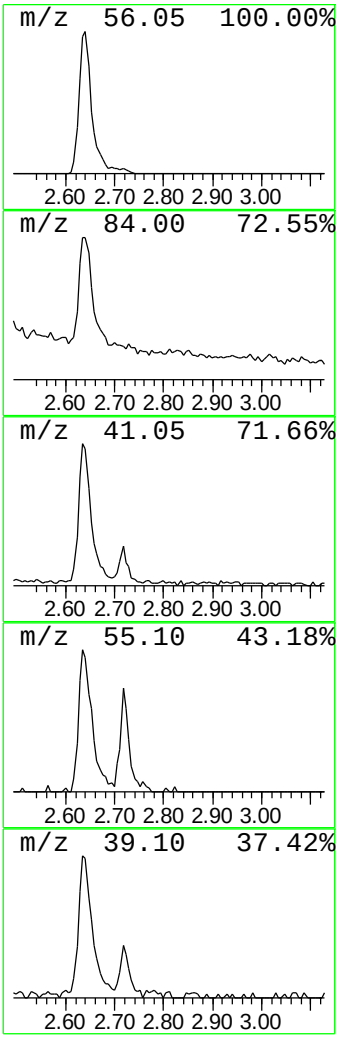
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.63	6.26 ng/ul	288601	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	Cyclohexane	84	C6H12	000110-82-7	90
3	Cyclohexane	84	C6H12	000110-82-7	90
4	Cyclohexane	84	C6H12	000110-82-7	86
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012642.D
Acq On : 19 Nov 2020 20:44
Operator : CG/JU
Sample : L4726-15DL 10X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF7DL

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

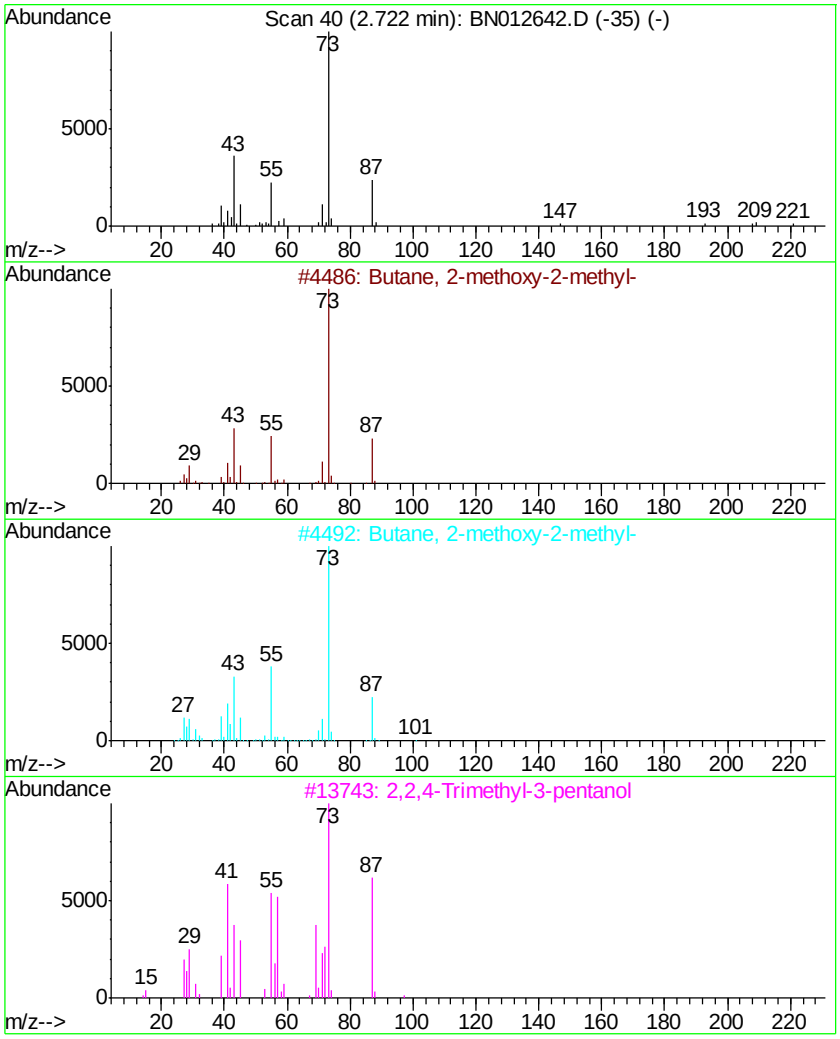
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

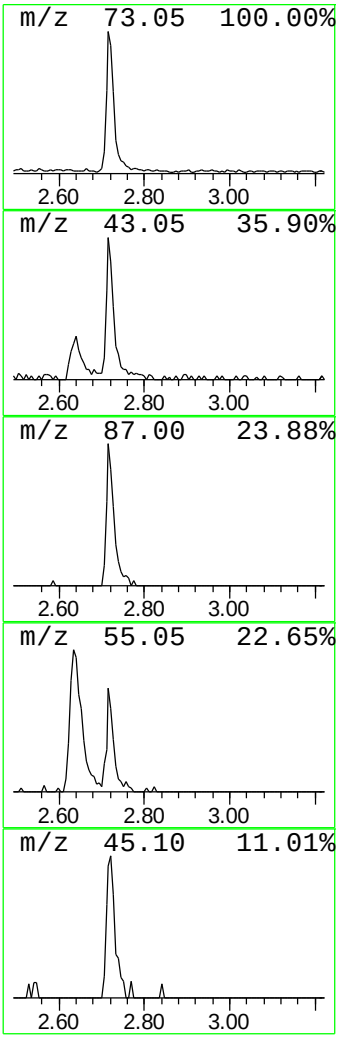
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	2.49 ng/ul	114827	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	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	37
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012642.D
Acq On : 19 Nov 2020 20:44
Operator : CG/JU
Sample : L4726-15DL 10X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF7DL

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

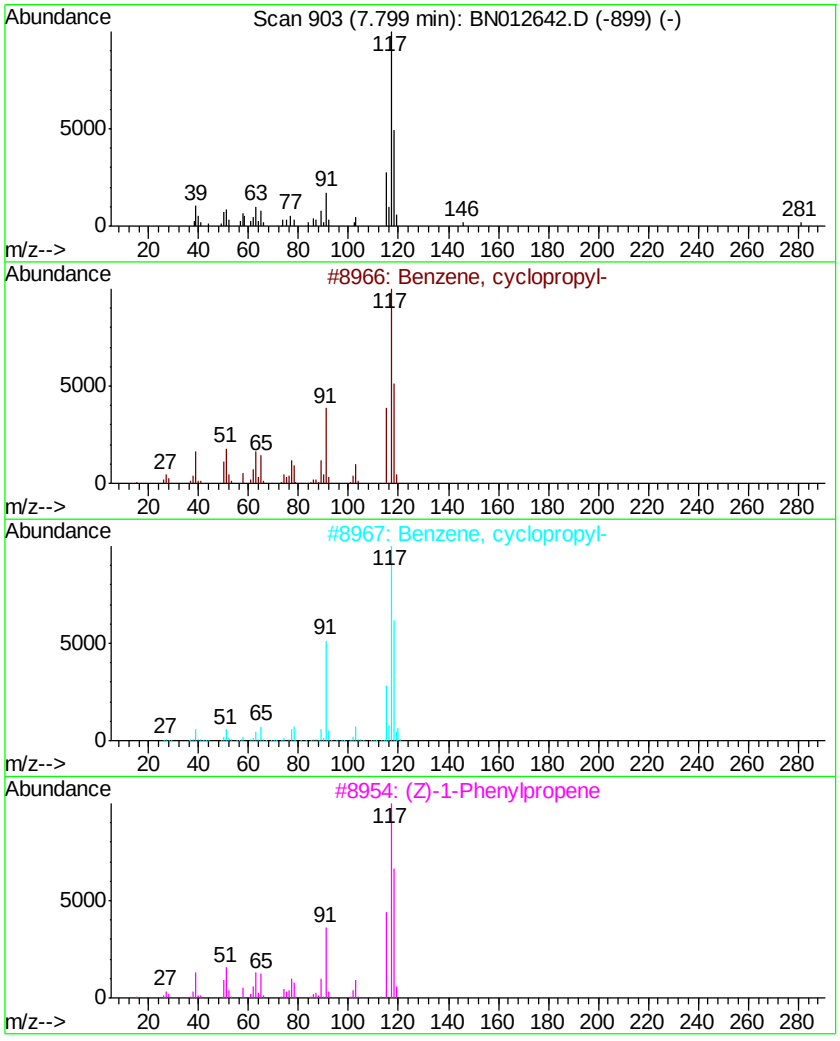
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

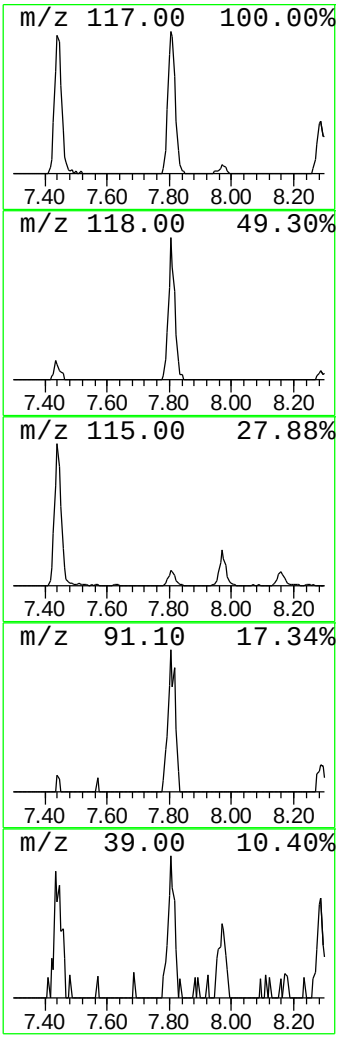
****

Peak Number 3 Benzene, cyclopropyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	2.44 ng/ul	112466	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	76
4	Indane	118	C9H10	000496-11-7	74
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012642.D
Acq On : 19 Nov 2020 20:44
Operator : CG/JU
Sample : L4726-15DL 10X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF7DL

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

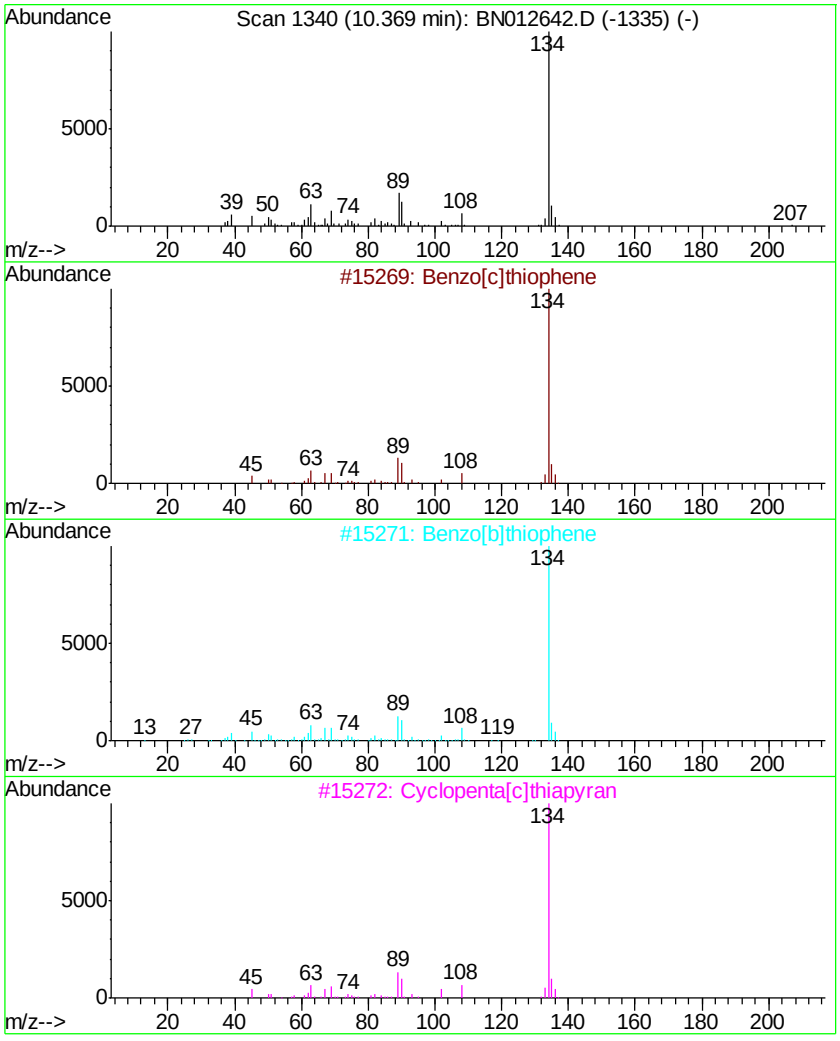
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

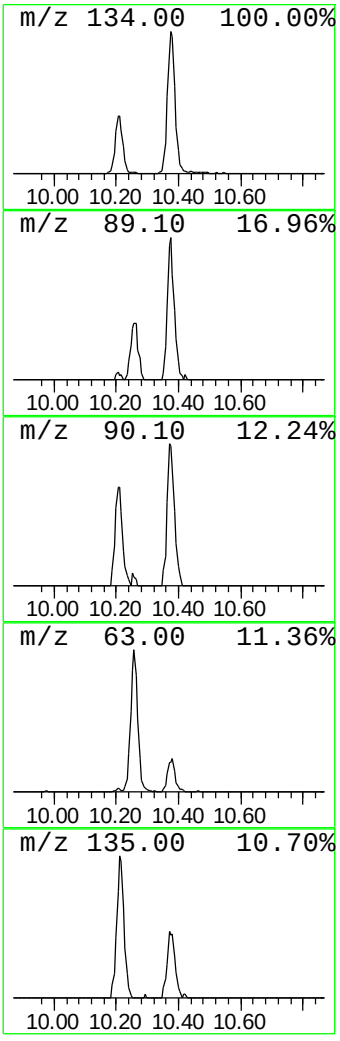
****

Peak Number 4 Benzo[c]thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	5.48 ng/ul	341889	Naphthalene-d8	10.20

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012642.D
Acq On : 19 Nov 2020 20:44
Operator : CG/JU
Sample : L4726-15DL 10X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF7DL

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

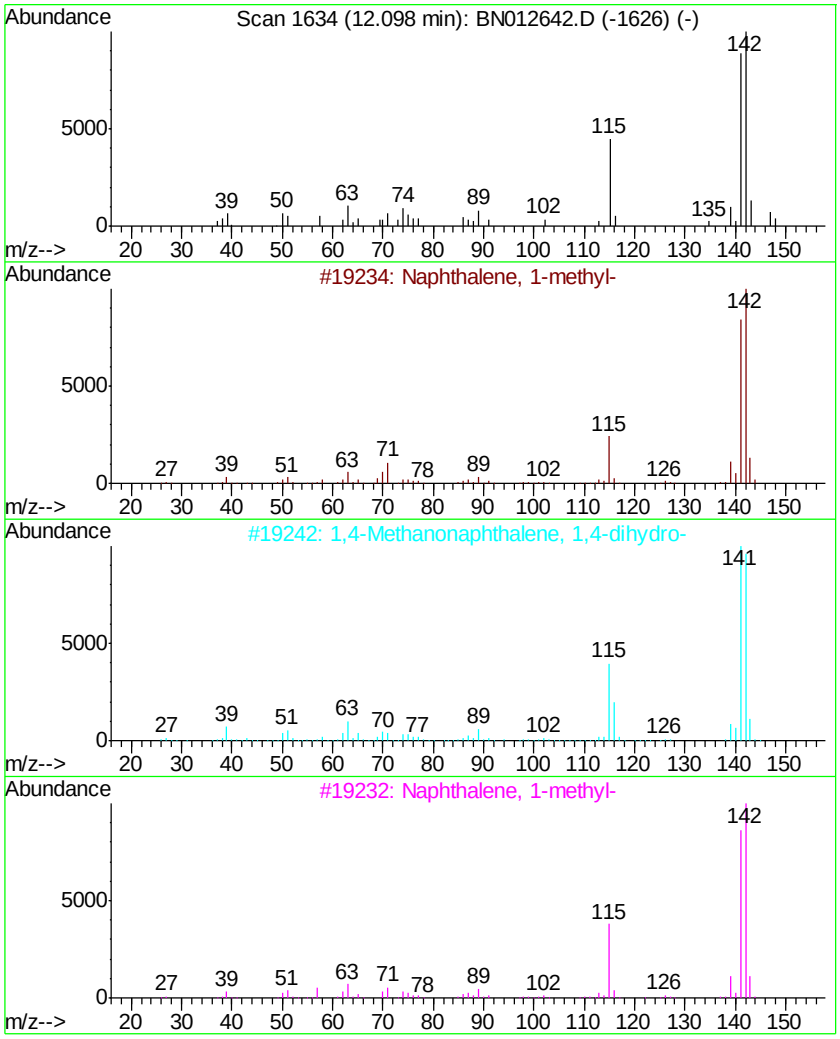
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

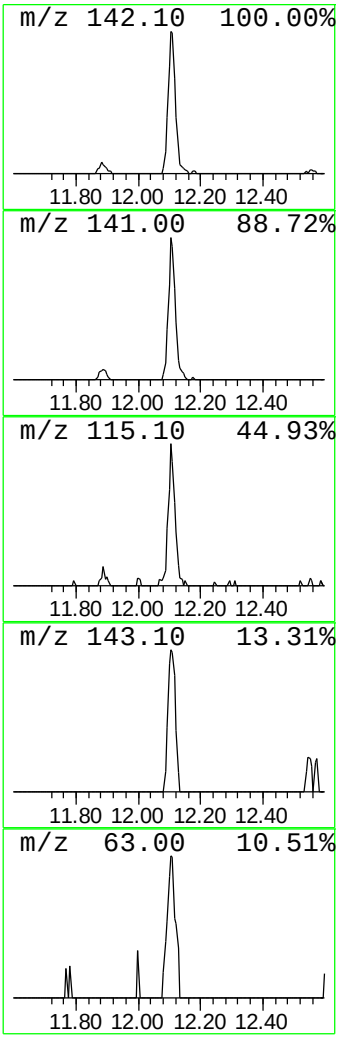
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.19 ng/ul	136368	Naphthalene-d8	10.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012642.D
Acq On : 19 Nov 2020 20:44
Operator : CG/JU
Sample : L4726-15DL 10X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF7DL

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	6.3	ng/ul	288601	1	7.44	922382	20.0
Butane, 2-methoxy...	2.72	2.5	ng/ul	114827	1	7.44	922382	20.0
Benzene, cyclopro...	7.80	2.4	ng/ul	112466	1	7.44	922382	20.0
Benzo[c]thiophene	10.37	5.5	ng/ul	341889	2	10.20	1247250	20.0
Naphthalene, 1-me...	12.10	2.2	ng/ul	136368	2	10.20	1247250	20.0