LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021563.D
Acq On : 19 Jul 2019 18:23
Operator : HP/JU
Sample : K3822-10DL2 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL2

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_M\METHODS\SOM-EPA-BM070819MA.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	7.710	798	803	811	rVB	458024	729951	35.26%	5.846%
2	8.075	860	865	872	rVB	115592	181952	8.79%	1.457%
3	8.239	888	893	901	rVB	184476	299648	14.48%	2.400%
4	8.880	999	1002	1010	rVB4	12622	24851	1.20%	0.199%
5	9.057	1029	1032	1040	rVB3	15167	23263	1.12%	0.186%
6	9.186	1050	1054	1059	rVB2	24184	44387	2.14%	0.355%
7	9.745	1145	1149	1155	rBV4	7776	11992	0.58%	0.096%
8	9.886	1169	1173	1179	rBV4	11537	22626	1.09%	0.181%
9	10.127	1210	1214	1217	rVB3	7688	9717	0.47%	0.078%
10	10.492	1269	1276	1280	rBV	577113	983368	47.51%	7.875%
11	10.545	1280	1285	1298	rVV	1224625	2070010	100.00%	16.578%
12	10.669	1300	1306	1315	rVB	106689	191446	9.25%	1.533%
13	12.063	1539	1543	1547	rVB4	5477	8327	0.40%	0.067%
14	12.169	1555	1561	1569	rBV	42786	75960	3.67%	0.608%
15	12.298	1578	1583	1589	rBV3	2380	4973	0.24%	0.040%
16	12.392	1592	1599	1607	rVB	54263	94684	4.57%	0.758%
17	13.192	1726	1735	1743	rBV	45893	78837	3.81%	0.631%
18	13.386	1761	1768	1775	rBV6	4589	9950	0.48%	0.080%
19	13.533	1786	1793	1800	rVB4	5621	13455	0.65%	0.108%
20	13.674	1812	1817	1823	rVB4	10261	17498	0.85%	0.140%
21	13.733	1823	1827	1832	rVV4	4138	6549	0.32%	0.052%
22	13.792	1832	1837	1845	rVB2	7915	12562	0.61%	0.101%
23	13.915	1855	1858	1862	rBV3	2560	4102	0.20%	0.033%
24	14.051	1877	1881	1884	rBV2	11822	17392	0.84%	0.139%
25	14.080	1884	1886	1890	rVB	4402	3835	0.19%	0.031%
26	14.357	1926	1933	1939	rBV2	854111	1280351	61.85%	10.254%
27	14.421	1939	1944	1950	rVB	181271	260660	12.59%	2.088%
28	14.545	1959	1965	1967	rBV3	1666	2453	0.12%	0.020%
29	14.668	1983	1986	1990	rBV	1660	2496	0.12%	0.020%
30	14.768	1997	2003	2012	rBV	93707	150064	7.25%	1.202%
31	15.362	2098	2104	2108	rVV	19644	27059	1.31%	0.217%
32	15.415	2108	2113	2120	rVB	52776	83645	4.04%	0.670%
33	15.574	2137	2140	2143	rVB3	2363	3051	0.15%	0.024%
34	15.674	2154	2157	2159	rBV2	3355	2956	0.14%	0.024%

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Misc :
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Instrument : BNA_M
ClientSampleId : BF4B1DL2

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_M\METHODS\SOM-EPA-BM070819MA.M
Title : SVOA CALIBRATION

35	15.715	2160	2164	2167	rVV3	3218	4218	0.20%	0.034%
36	15.868	2185	2190	2198	rVV6	4405	9727	0.47%	0.078%
37	15.951	2201	2204	2208	rVB2	1883	2653	0.13%	0.021%
38	16.104	2226	2230	2234	rBV6	2294	3565	0.17%	0.029%
39	16.586	2310	2312	2316	rVB3	1786	2275	0.11%	0.018%
40	16.803	2344	2349	2352	rBV3	2199	3079	0.15%	0.025%
41	16.898	2362	2365	2367	rBV3	3278	3115	0.15%	0.025%
42	16.927	2367	2370	2377	rVB	5337	8417	0.41%	0.067%
43	17.109	2395	2401	2406	rBV2	1039193	1553336	75.04%	12.440%
44	17.151	2406	2408	2415	rVV	119535	163965	7.92%	1.313%
45	17.221	2415	2420	2427	rVB2	15899	30611	1.48%	0.245%
46	17.427	2452	2455	2459	rVB4	1577	2191	0.11%	0.018%
47	17.533	2468	2473	2482	rVB	55203	85529	4.13%	0.685%
48	17.762	2509	2512	2516	rBV4	1964	2421	0.12%	0.019%
49	17.933	2536	2541	2543	rBV5	2681	5278	0.25%	0.042%
50	17.998	2549	2552	2555	rBV4	2257	3042	0.15%	0.024%
51	18.062	2559	2563	2564	rVB3	5023	5692	0.27%	0.046%
52	18.086	2564	2567	2568	rBV2	2100	2357	0.11%	0.019%
53	18.121	2571	2573	2576	rBV3	3027	3142	0.15%	0.025%
54	18.192	2581	2585	2588	rBV4	5584	8365	0.40%	0.067%
55	18.345	2609	2611	2613	rBV3	2319	2482	0.12%	0.020%
56	18.450	2625	2629	2631	rBV5	2596	4174	0.20%	0.033%
57	19.186	2750	2754	2757	rBV2	10703	15274	0.74%	0.122%
58	19.515	2806	2810	2813	rBV2	18844	29349	1.42%	0.235%
59	21.297	3108	3113	3122	rBV	1314205	1898356	91.71%	15.203%
60	23.550	3490	3496	3506	rBV2	1005947	1879833	90.81%	15.055%

Sum of corrected areas: 12486516

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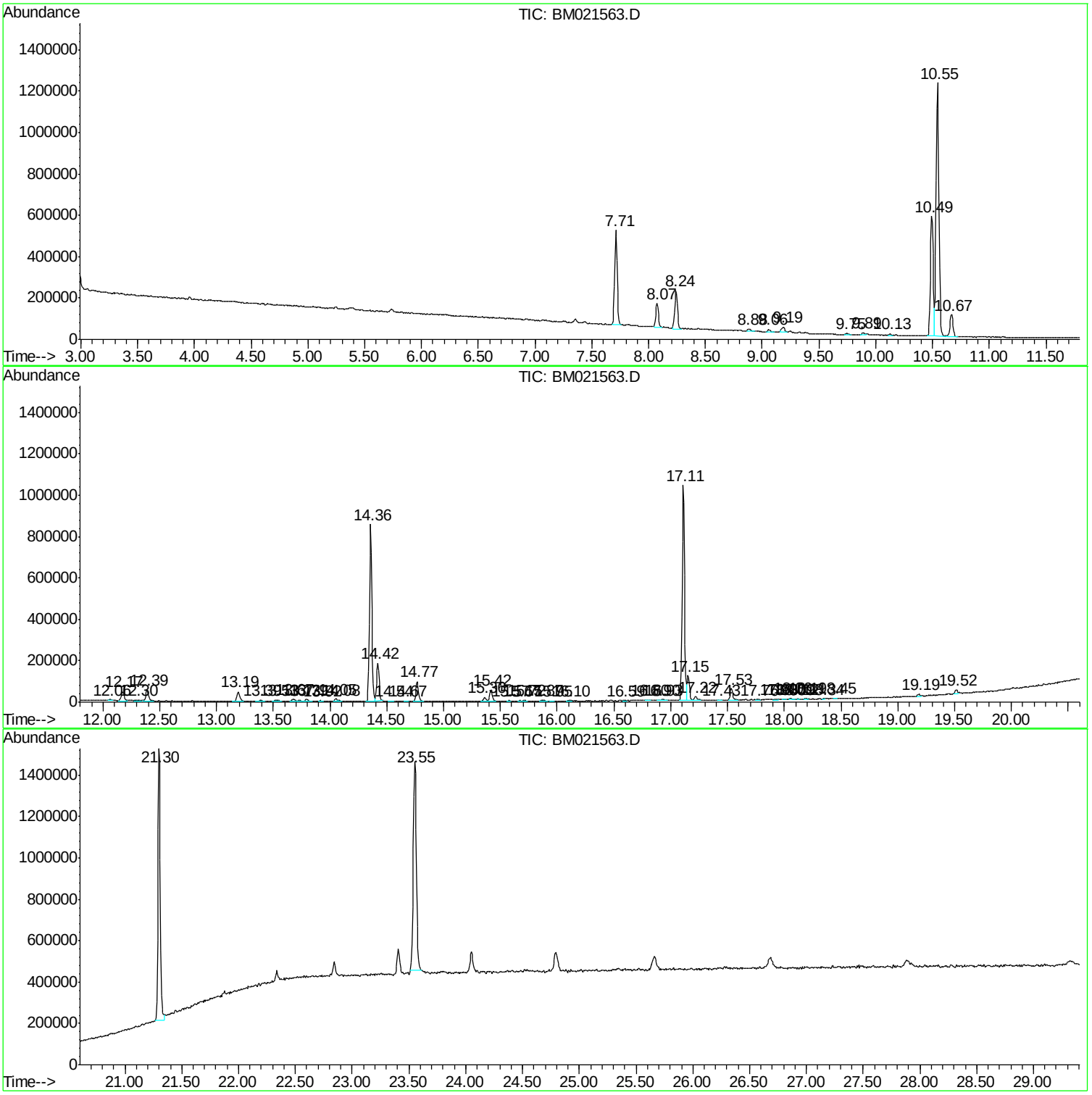
Instrument :
BNA_M
ClientSampleId :
BF4B1DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021563.D
Acq On : 19 Jul 2019 18:23
Operator : HP/JU
Sample : K3822-10DL2 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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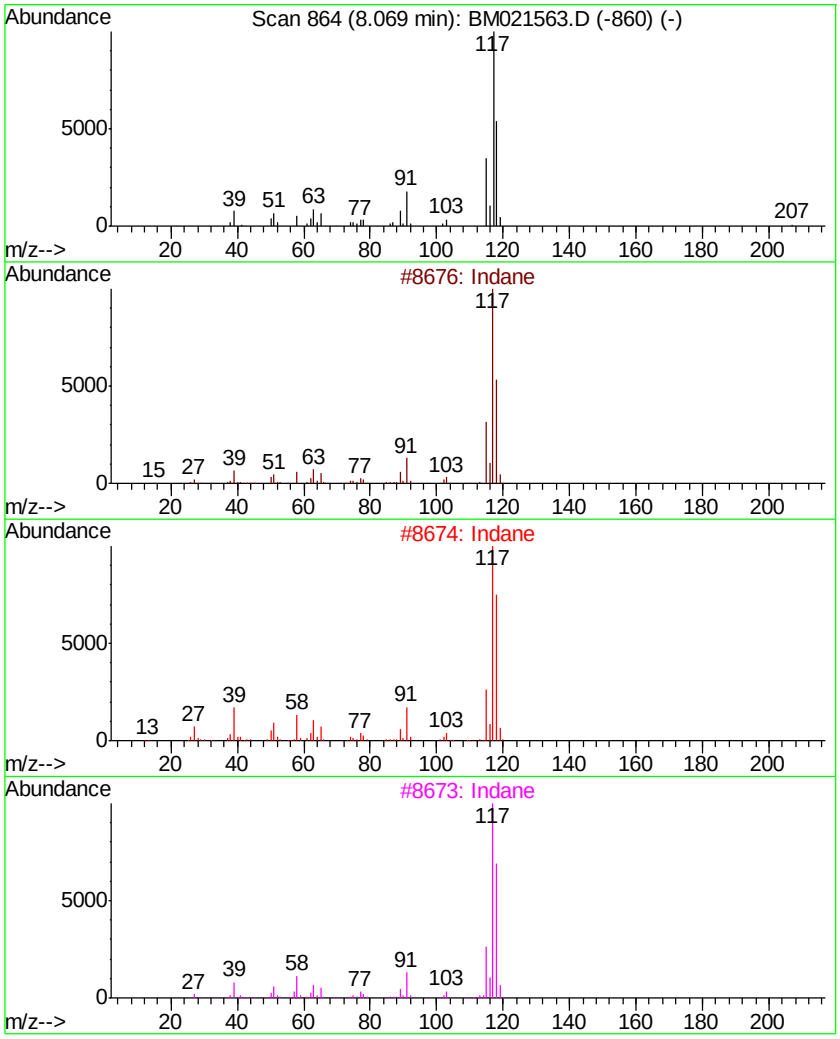
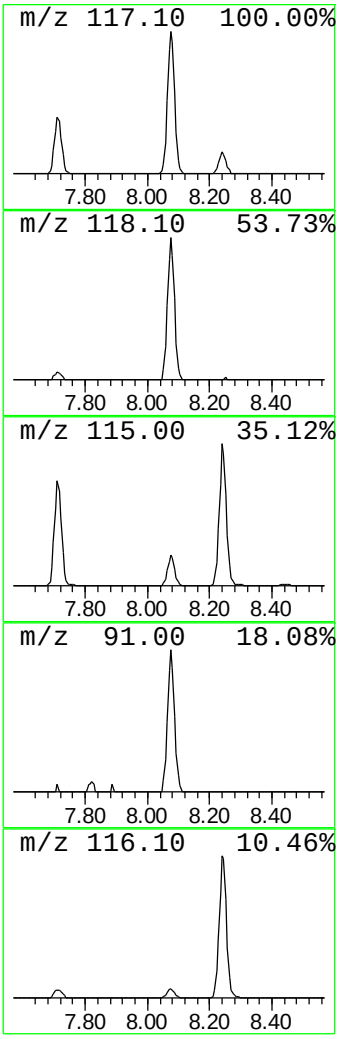
Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	4.99 ng/ul	181952	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
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Acq On : 19 Jul 2019 18:23
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Sample : K3822-10DL2 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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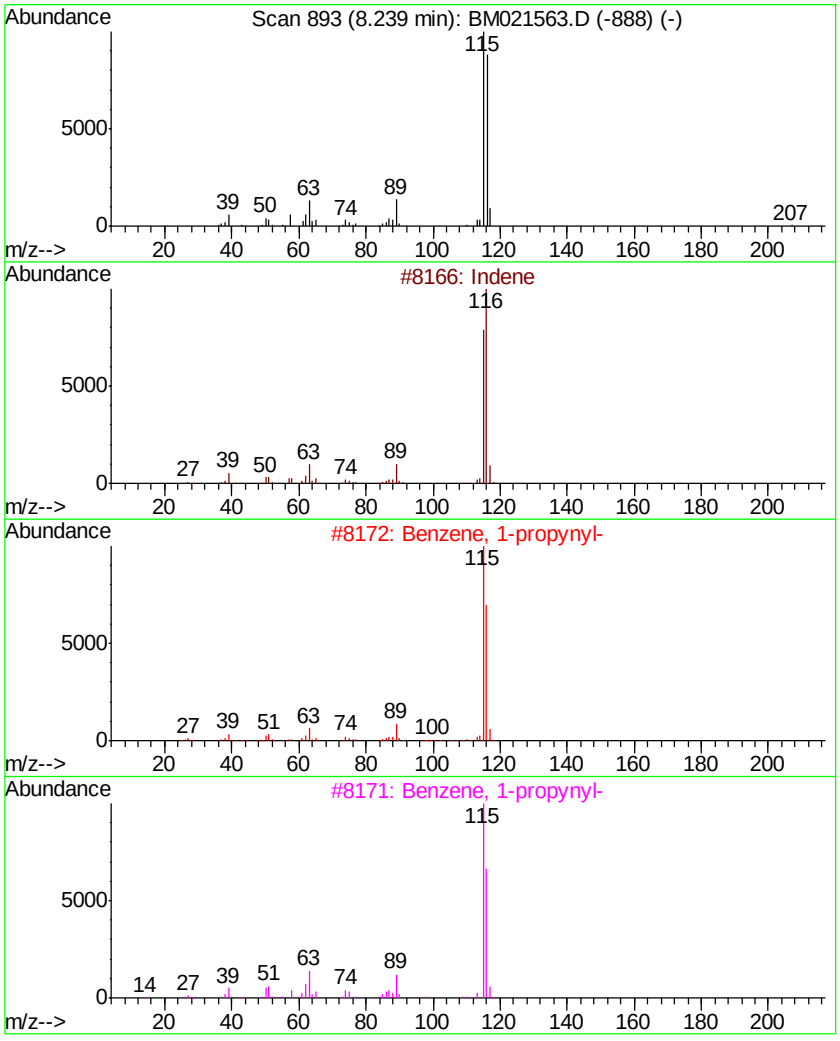
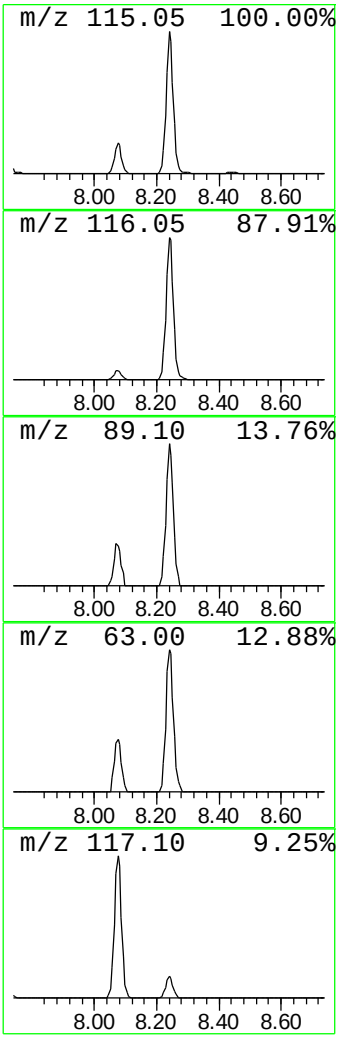
Peak Number 2 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	8.21 ng/ul	299648	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





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Sample : K3822-10DL2 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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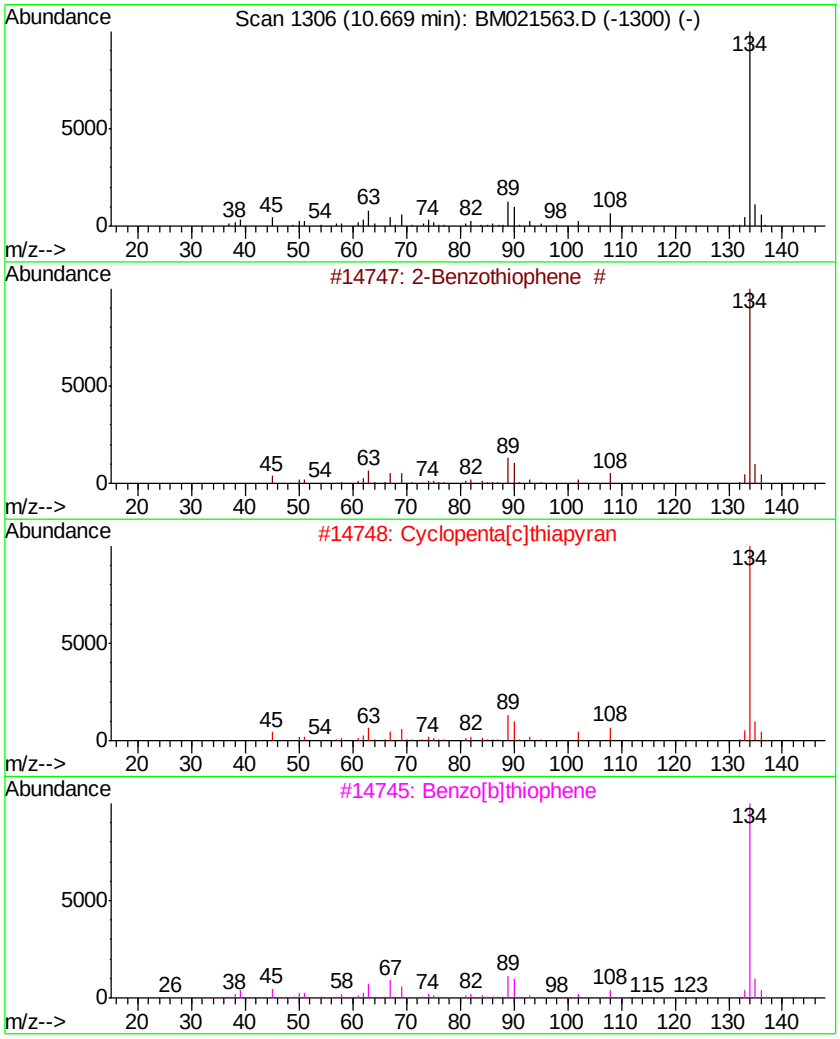
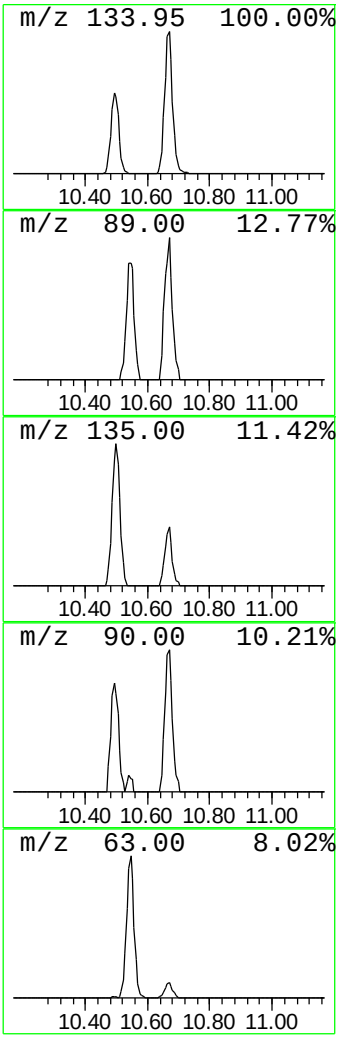
Peak Number 3 2-Benzothiophene # Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.89 ng/ul	191446	Naphthalene-d8	10.49

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





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : BF4B1DL2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

						Internal Standard			
TIC Top Hit name		RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane		8.07	5.0	ng/ul	181952	1	7.71	729951	20.0
Indene		8.24	8.2	ng/ul	299648	1	7.71	729951	20.0
2-Benzothiophene	#	10.67	3.9	ng/ul	191446	2	10.49	983368	20.0