LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026146.D
Acq On : 27 May 2020 15:31
Operator : MA/SJ
Sample : L2737-12DL2 300X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B27DL2

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-BM051320MA.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	3.764	145	149	153	rVB2	7740	10315	0.33%	0.079%
2	5.040	362	366	370	rBV6	2569	4419	0.14%	0.034%
3	7.205	729	734	743	rBV3	11601	19183	0.60%	0.147%
4	7.481	775	781	793	rBV	501222	775442	24.45%	5.926%
5	7.799	831	835	838	rBV6	2493	4045	0.13%	0.031%
6	7.852	838	844	850	rVV	65962	99329	3.13%	0.759%
7	7.952	855	861	866	rBV7	6753	10674	0.34%	0.082%
8	8.016	866	872	880	rVV	27621	46768	1.47%	0.357%
9	8.269	911	915	920	rBV6	2845	5165	0.16%	0.039%
10	8.334	920	926	937	rVB3	9252	16347	0.52%	0.125%
11	8.657	977	981	984	rVV6	2028	3263	0.10%	0.025%
12	8.716	986	991	997	rVB5	7204	11670	0.37%	0.089%
13	8.951	1027	1031	1036	rVB6	5253	9835	0.31%	0.075%
14	9.457	1112	1117	1119	rBV5	8680	12375	0.39%	0.095%
15	9.481	1119	1121	1125	rVB4	2128	3736	0.12%	0.029%
16	9.634	1140	1147	1150	rBV	26007	41434	1.31%	0.317%
17	9.669	1150	1153	1160	rVV7	16112	26965	0.85%	0.206%
18	9.769	1164	1170	1181	rVB6	12493	27520	0.87%	0.210%
19	9.893	1187	1191	1192	rBV3	3681	4444	0.14%	0.034%
20	9.910	1192	1194	1198	rVB5	3004	4057	0.13%	0.031%
21	10.151	1230	1235	1236	rBV4	4273	5431	0.17%	0.042%
22	10.246	1243	1251	1254	rBV	649200	1041577	32.83%	7.960%
23	10.293	1254	1259	1274	rVV	2002186	3172177	100.00%	24.244%
24	10.410	1274	1279	1287	rVB	70339	116104	3.66%	0.887%
25	11.104	1392	1397	1398	rBV4	3546	4581	0.14%	0.035%
26	11.351	1434	1439	1443	rVB6	3168	5550	0.17%	0.042%
27	11.657	1486	1491	1497	rVB6	4176	7774	0.25%	0.059%
28	11.916	1528	1535	1547	rBV	86020	147216	4.64%	1.125%
29	12.040	1551	1556	1562	rVV7	3567	8141	0.26%	0.062%
30	12.145	1565	1574	1583	rVB	49458	84876	2.68%	0.649%
31	12.957	1703	1712	1721	rBV2	15706	30621	0.97%	0.234%
32	13.157	1740	1746	1749	rBV7	2823	5136	0.16%	0.039%
33	13.298	1765	1770	1771	rBV6	2644	4332	0.14%	0.033%
34	13.445	1791	1795	1800	rBV5	6039	9168	0.29%	0.070%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026146.D
Acq On : 27 May 2020 15:31
Operator : MA/SJ
Sample : L2737-12DL2 300X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B27DL2

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-BM051320MA.M
Title : SVOA CALIBRATION

35	13.504	1802	1805	1811	rVB6	3717	4714	0.15%	0.036%
36	13.557	1811	1814	1818	rBV4	3271	4615	0.15%	0.035%
37	13.816	1854	1858	1862	rBV3	5264	8441	0.27%	0.065%
38	14.128	1904	1911	1918	rBV	894472	1285720	40.53%	9.826%
39	14.192	1918	1922	1930	rVV	83808	118081	3.72%	0.902%
40	14.269	1930	1935	1941	rVV3	14976	24632	0.78%	0.188%
41	14.334	1941	1946	1954	rVB3	7804	13356	0.42%	0.102%
42	14.428	1956	1962	1968	rBV6	9397	21730	0.69%	0.166%
43	14.534	1976	1980	1995	rVB	38939	65767	2.07%	0.503%
44	14.875	2032	2038	2042	rBV6	4501	8843	0.28%	0.068%
45	15.128	2076	2081	2086	rBV3	6636	9334	0.29%	0.071%
46	15.186	2086	2091	2100	rVB	36732	52599	1.66%	0.402%
47	15.345	2112	2118	2124	rVV9	6356	13438	0.42%	0.103%
48	15.428	2129	2132	2139	rVB9	4443	7324	0.23%	0.056%
49	15.492	2139	2143	2144	rBV3	2671	3260	0.10%	0.025%
50	15.586	2154	2159	2161	rBV5	3495	5115	0.16%	0.039%
51	15.875	2202	2208	2212	rBV6	6049	13250	0.42%	0.101%
52	16.004	2223	2230	2236	rBV	31555	60372	1.90%	0.461%
53	16.092	2240	2245	2250	rVV4	17760	33264	1.05%	0.254%
54	16.163	2252	2257	2266	rVB4	11034	17731	0.56%	0.136%
55	16.380	2288	2294	2301	rBV2	19754	31974	1.01%	0.244%
56	16.504	2310	2315	2321	rBV3	10577	17283	0.54%	0.132%
57	16.675	2335	2344	2352	rBV4	14616	35259	1.11%	0.269%
58	16.875	2372	2378	2383	rVV	1072809	1490612	46.99%	11.392%
59	16.916	2383	2385	2393	rVV2	52024	97026	3.06%	0.742%
60	16.980	2393	2396	2407	rVB5	30556	58751	1.85%	0.449%
61	17.075	2410	2412	2416	rBV4	6020	7984	0.25%	0.061%
62	17.198	2429	2433	2439	rBV7	4437	8850	0.28%	0.068%
63	17.286	2440	2448	2456	rVV	81197	121719	3.84%	0.930%
64	17.386	2460	2465	2472	rBV	18963	27327	0.86%	0.209%
65	17.451	2472	2476	2482	rVB	20559	26431	0.83%	0.202%
66	17.633	2504	2507	2512	rVB6	2762	4163	0.13%	0.032%
67	17.722	2520	2522	2527	rVB5	7486	8249	0.26%	0.063%
68	17.804	2530	2536	2540	rBV7	9578	16781	0.53%	0.128%
69	17.880	2546	2549	2554	rVB6	9932	14729	0.46%	0.113%
70	17.951	2558	2561	2564	rBV5	3082	5078	0.16%	0.039%
71	18.204	2602	2604	2609	rVB6	2399	3323	0.10%	0.025%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026146.D
Acq On : 27 May 2020 15:31
Operator : MA/SJ
Sample : L2737-12DL2 300X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B27DL2

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-BM051320MA.M
Title : SVOA CALIBRATION

72	18.263	2611	2614	2617	rBV5	5165	6368	0.20%	0.049%
73	18.945	2727	2730	2734	rVB3	9067	12014	0.38%	0.092%
74	19.045	2745	2747	2749	rBV3	4436	3570	0.11%	0.027%
75	19.280	2783	2787	2790	rBV4	10965	17105	0.54%	0.131%
76	21.074	3087	3092	3098	rBV	1410008	1748330	55.11%	13.362%
77	23.192	3447	3452	3464	rVB2	1008168	1770211	55.80%	13.529%

Sum of corrected areas: 13084393

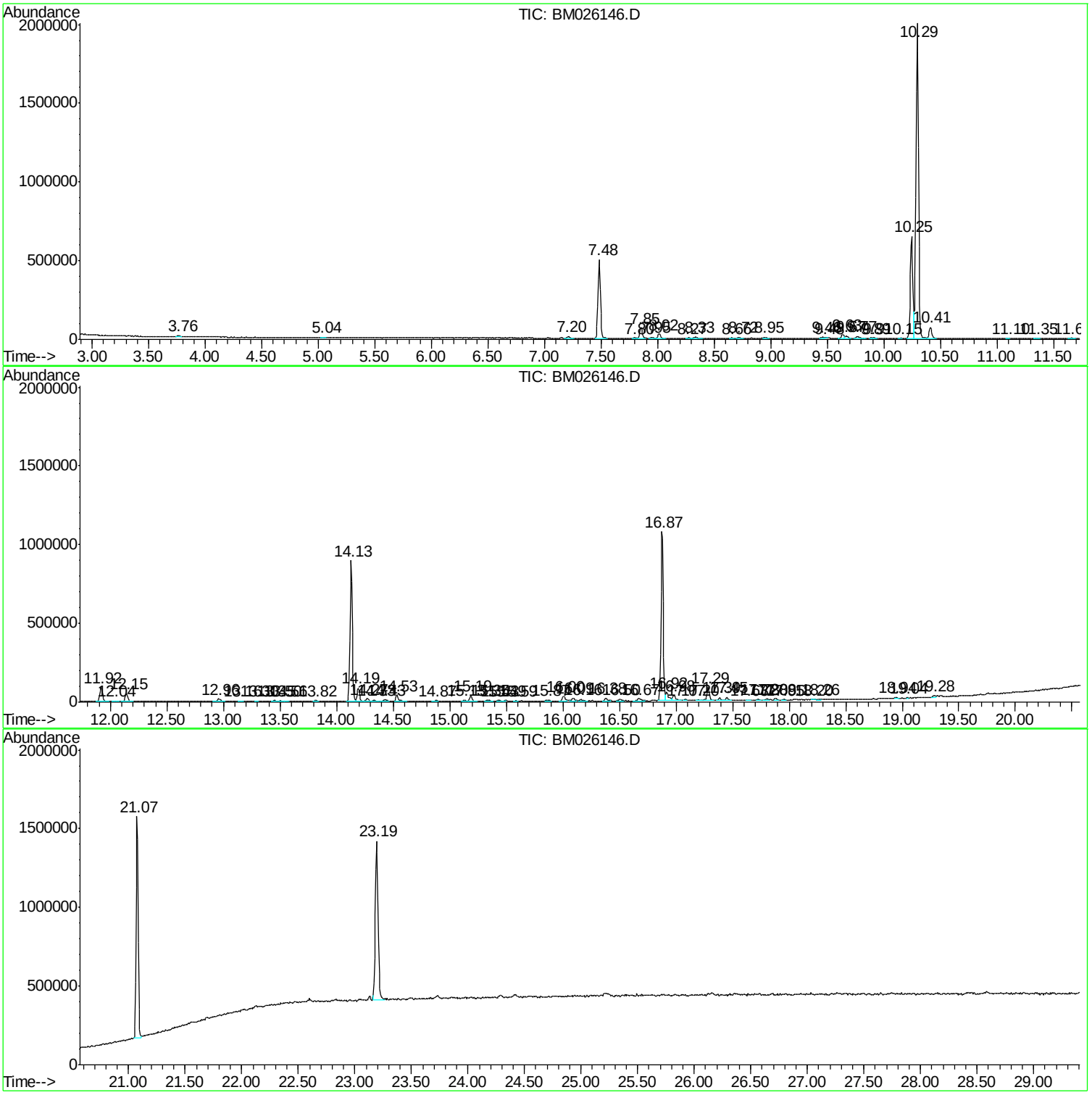
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026146.D
Acq On : 27 May 2020 15:31
Operator : MA/SJ
Sample : L2737-12DL2 300X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B27DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026146.D
Acq On : 27 May 2020 15:31
Operator : MA/SJ
Sample : L2737-12DL2 300X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B27DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

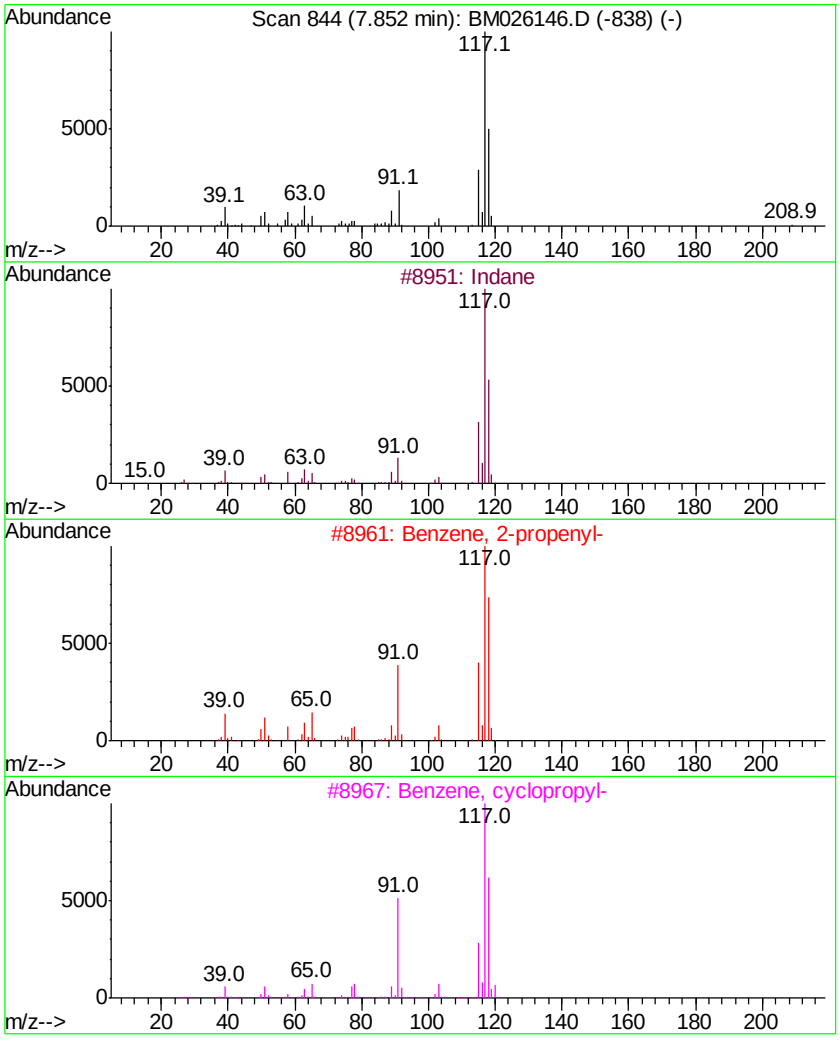
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

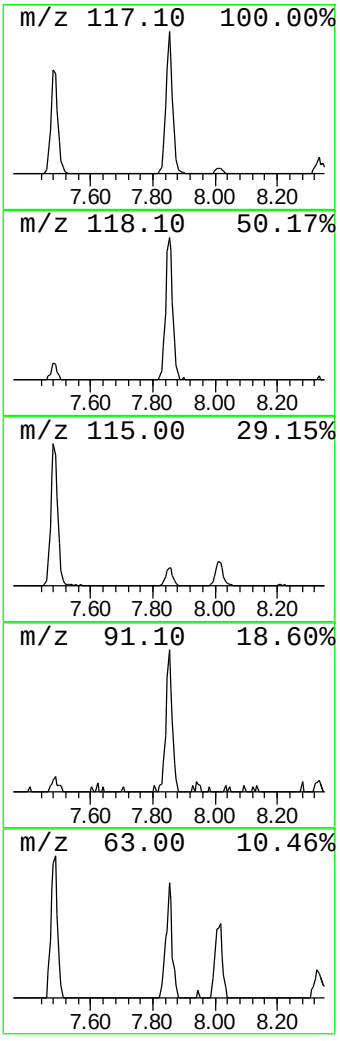
****

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	2.56 ng/ul	99329	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Indane	118	C9H10	000496-11-7	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026146.D
Acq On : 27 May 2020 15:31
Operator : MA/SJ
Sample : L2737-12DL2 300X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B27DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

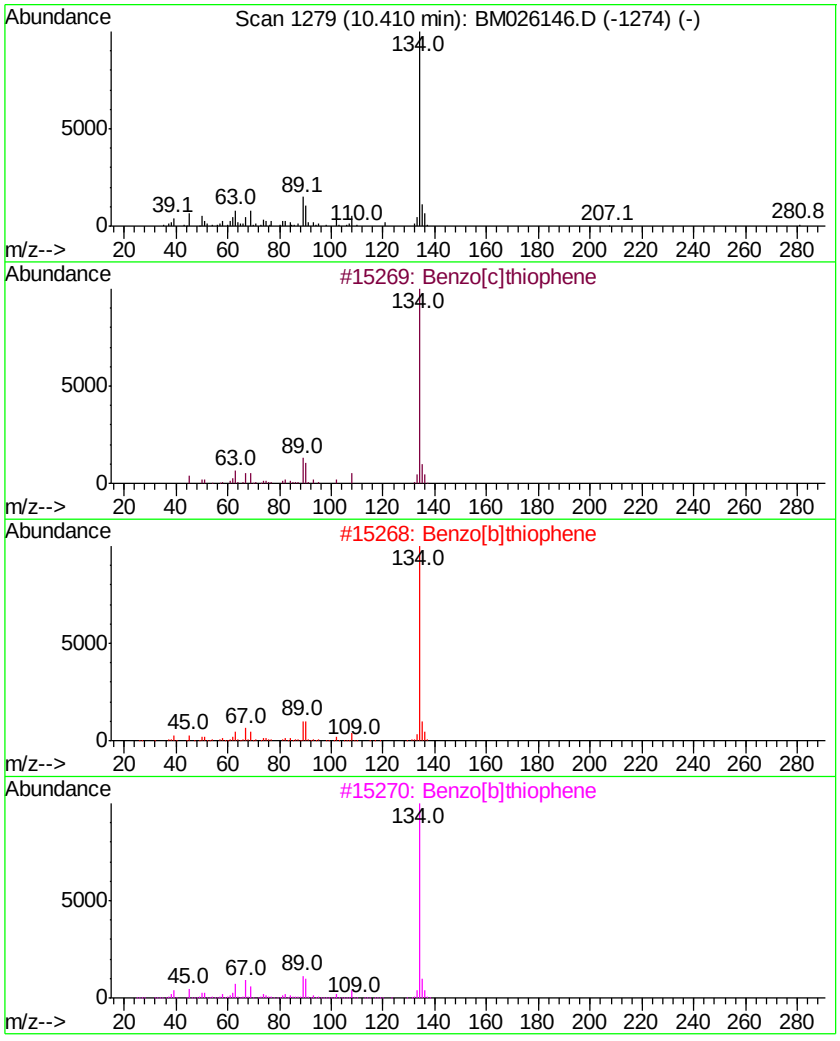
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

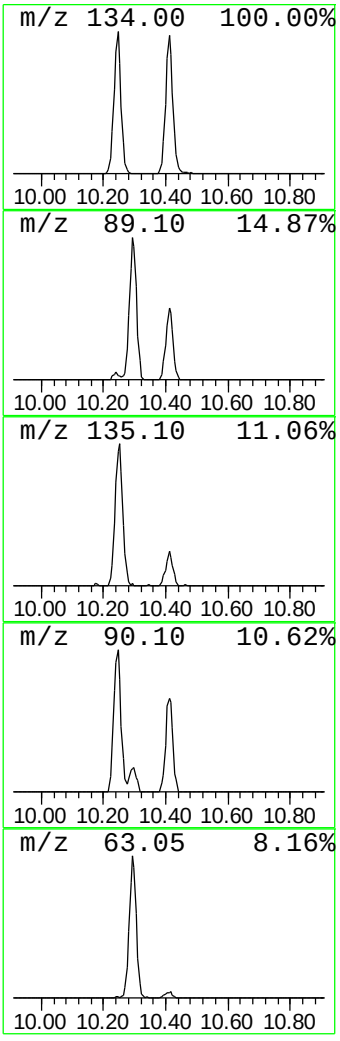
****

Peak Number 2 Benzo[c]thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	2.23 ng/ul	116104	Naphthalene-d8	10.25

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	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052720\
Data File : BM026146.D
Acq On : 27 May 2020 15:31
Operator : MA/SJ
Sample : L2737-12DL2 300X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B27DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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
Indane	7.85	2.6	ng/ul	99329	1	7.48	775442	20.0
Benzo[c]thiophene	10.41	2.2	ng/ul	116104	2	10.25	1041580	20.0