LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
Data File : BM028905.D
Acq On : 25 Feb 2021 20:16
Operator : CG/JU
Sample : M1482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBGJ5

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-BM022121MA.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	3.146	24	27	32	rVB2	2468	3346	0.76%	0.076%
2	6.987	675	680	689	rBB	15308	24590	5.57%	0.560%
3	7.140	700	706	713	rBB	55016	83544	18.94%	1.902%
4	7.334	733	739	748	rBB	63246	98275	22.28%	2.238%
5	7.798	813	818	825	rBB	51207	76084	17.25%	1.732%
6	8.340	906	910	914	rBB	1777	2683	0.61%	0.061%
7	8.528	937	942	951	rBB	45694	71855	16.29%	1.636%
8	8.669	963	966	969	rBB2	664	719	0.16%	0.016%
9	8.975	1012	1018	1027	rBB	73846	114675	25.99%	2.611%
10	9.339	1077	1080	1083	rBB2	976	1263	0.29%	0.029%
11	9.692	1135	1140	1147	rBV	62463	99567	22.57%	2.267%
12	10.234	1226	1232	1244	rBB	87617	139471	31.61%	3.176%
13	10.316	1244	1246	1249	rBB	564	620	0.14%	0.014%
14	10.539	1281	1284	1288	rBB	731	972	0.22%	0.022%
15	10.604	1288	1295	1300	rBV	68525	112395	25.48%	2.559%
16	10.651	1300	1303	1309	rVB	11142	16477	3.73%	0.375%
17	10.763	1318	1322	1328	rBB3	2732	4476	1.01%	0.102%
18	12.198	1563	1566	1569	rBB	1006	1155	0.26%	0.026%
19	12.269	1575	1578	1582	rBB	1156	1338	0.30%	0.030%
20	12.492	1611	1616	1620	rBB	5499	8129	1.84%	0.185%
21	12.922	1686	1689	1693	rBB2	1177	1425	0.32%	0.032%
22	13.292	1749	1752	1755	rBB	732	783	0.18%	0.018%
23	13.486	1782	1785	1788	rBB	552	558	0.13%	0.013%
24	13.645	1810	1812	1814	rVB2	735	563	0.13%	0.013%
25	13.774	1831	1834	1838	rBB2	941	1473	0.33%	0.034%
26	13.833	1841	1844	1846	rBV2	839	980	0.22%	0.022%
27	13.874	1846	1851	1857	rVV	172244	235941	53.48%	5.372%
28	13.922	1857	1859	1863	rVB	1348	1368	0.31%	0.031%
29	14.157	1892	1899	1908	rBB	194710	293887	66.62%	6.691%
30	14.463	1945	1951	1957	rBB	104998	150912	34.21%	3.436%
31	14.521	1957	1961	1966	rBB	23178	32513	7.37%	0.740%
32	14.604	1969	1975	1981	rBB	27059	36659	8.31%	0.835%
33	14.704	1989	1992	1996	rBV	8608	13965	3.17%	0.318%
34	14.863	2014	2019	2021	rBV	11360	14463	3.28%	0.329%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
Data File : BM028905.D
Acq On : 25 Feb 2021 20:16
Operator : CG/JU
Sample : M1482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBGJ5

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-BM022121MA.M
Title : SVOA CALIBRATION

35	14.892	2021	2024	2032	rVB	10255	13319	3.02%	0.303%
36	15.251	2082	2085	2088	rBB	1385	1487	0.34%	0.034%
37	15.457	2114	2120	2125	rBV	260223	349684	79.27%	7.962%
38	15.510	2125	2129	2134	rVB2	17416	21691	4.92%	0.494%
39	15.598	2140	2144	2152	rBB	85843	112405	25.48%	2.559%
40	15.692	2157	2160	2165	rVB2	1340	1874	0.42%	0.043%
41	15.804	2176	2179	2182	rBB2	987	1264	0.29%	0.029%
42	15.951	2201	2204	2209	rBB2	2022	2822	0.64%	0.064%
43	16.192	2242	2245	2249	rBB	3020	4057	0.92%	0.092%
44	16.510	2296	2299	2302	rVB	599	702	0.16%	0.016%
45	16.557	2305	2307	2310	rBB	504	475	0.11%	0.011%
46	16.639	2319	2321	2325	rBV2	457	647	0.15%	0.015%
47	16.868	2357	2360	2363	rBB2	1703	2057	0.47%	0.047%
48	17.021	2381	2386	2392	rVB	30763	38524	8.73%	0.877%
49	17.204	2411	2417	2420	rBV	120470	163522	37.07%	3.723%
50	17.245	2420	2424	2429	rVB	326899	441156	100.00%	10.045%
51	17.304	2429	2434	2439	rBV	282829	381034	86.37%	8.676%
52	17.480	2460	2464	2467	rBV	460	495	0.11%	0.011%
53	17.615	2482	2487	2492	rBV	19940	24794	5.62%	0.565%
54	17.692	2497	2500	2506	rVB3	1782	2612	0.59%	0.059%
55	17.898	2531	2535	2538	rBV	1002	1498	0.34%	0.034%
56	18.086	2560	2567	2571	rBV2	13741	21116	4.79%	0.481%
57	18.121	2571	2573	2577	rVV2	4622	5177	1.17%	0.118%
58	18.162	2577	2580	2584	rVV3	401	712	0.16%	0.016%
59	18.221	2585	2590	2591	rVV	313	490	0.11%	0.011%
60	18.268	2594	2598	2603	rVV	9672	13403	3.04%	0.305%
61	18.433	2621	2626	2627	rBV3	706	778	0.18%	0.018%
62	18.574	2646	2650	2652	rBV2	696	660	0.15%	0.015%
63	18.627	2655	2659	2661	rBV2	965	1367	0.31%	0.031%
64	18.645	2661	2662	2664	rVV2	844	508	0.12%	0.012%
65	18.921	2705	2709	2711	rBV3	489	601	0.14%	0.014%
66	18.968	2715	2717	2720	rVB	592	442	0.10%	0.010%
67	19.021	2722	2726	2731	rBV3	3170	4611	1.05%	0.105%
68	19.062	2731	2733	2735	rBV	359	450	0.10%	0.010%
69	19.139	2740	2746	2750	rBV2	1958	2996	0.68%	0.068%
70	19.221	2757	2760	2762	rBV	2507	2458	0.56%	0.056%
71	19.251	2762	2765	2770	rVB	10449	12778	2.90%	0.291%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
Data File : BM028905.D
Acq On : 25 Feb 2021 20:16
Operator : CG/JU
Sample : M1482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBGJ5

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-BM022121MA.M
Title : SVOA CALIBRATION

72	19.298	2770	2773	2778	rBV2	5098	5739	1.30%	0.131%
73	19.362	2781	2784	2791	rBV3	4431	5701	1.29%	0.130%
74	19.456	2796	2800	2801	rBV4	928	1135	0.26%	0.026%
75	19.474	2801	2803	2805	rVB	1273	923	0.21%	0.021%
76	19.586	2816	2822	2832	rBV2	306322	414407	93.94%	9.436%
77	19.786	2854	2856	2859	rVB4	626	773	0.18%	0.018%
78	19.821	2859	2862	2864	rBV4	1159	1304	0.30%	0.030%
79	20.062	2901	2903	2906	rBV3	1115	1264	0.29%	0.029%
80	20.145	2913	2917	2921	rVB4	1394	1901	0.43%	0.043%
81	21.068	3070	3074	3081	rBV2	26030	35107	7.96%	0.799%
82	21.362	3120	3124	3130	rBV	131600	153606	34.82%	3.497%
83	23.433	3470	3476	3483	rVB	194504	344326	78.05%	7.840%
84	23.574	3494	3500	3509	rVB2	77935	144005	32.64%	3.279%

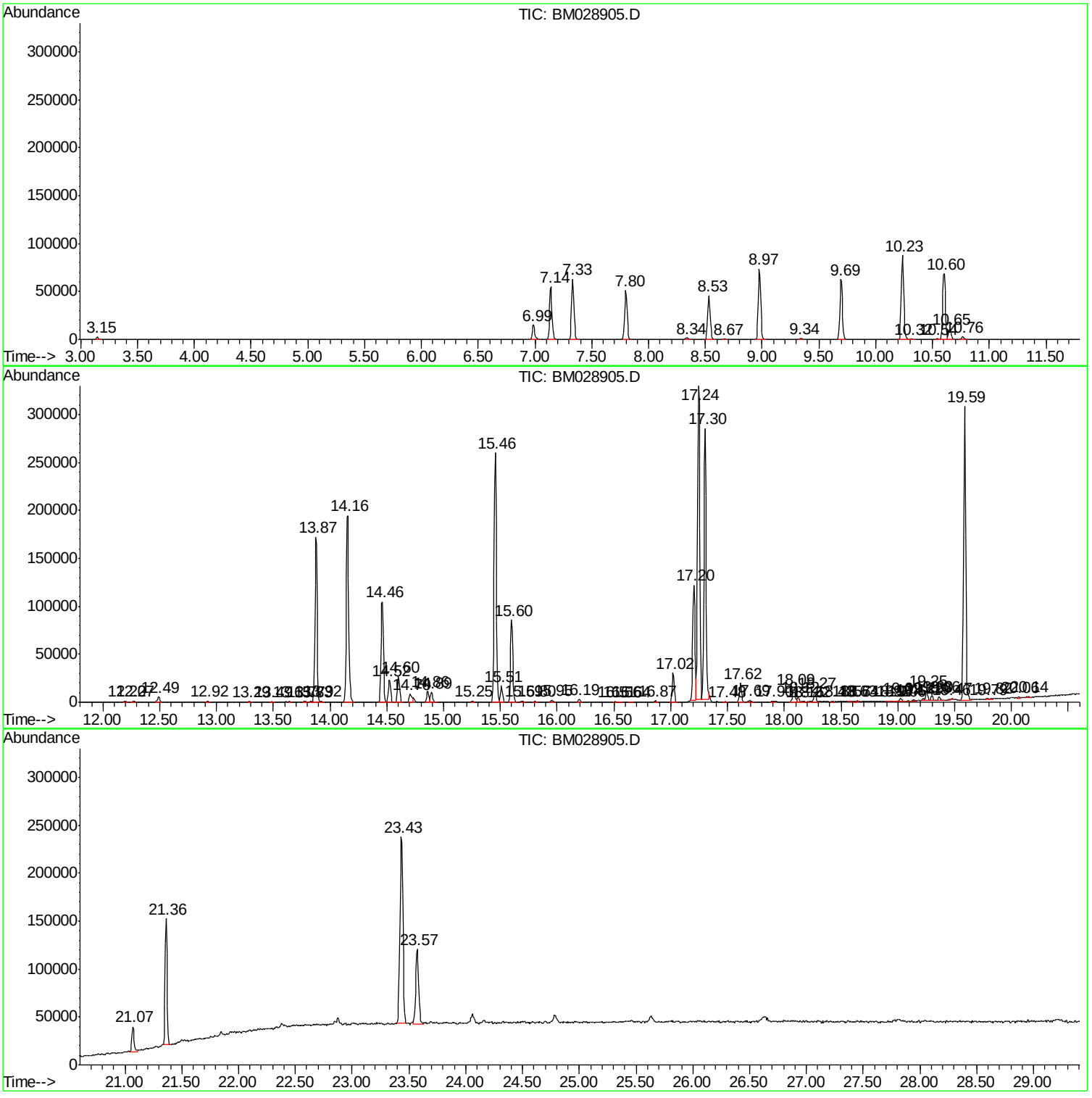
Sum of corrected areas: 4391981

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
Data File : BM028905.D
Acq On : 25 Feb 2021 20:16
Operator : CG/JU
Sample : M1482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBGJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.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 M\DATA\BM022621\
Data File : BM028905.D
Acq On : 25 Feb 2021 20:16
Operator : CG/JU
Sample : M1482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBGJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION

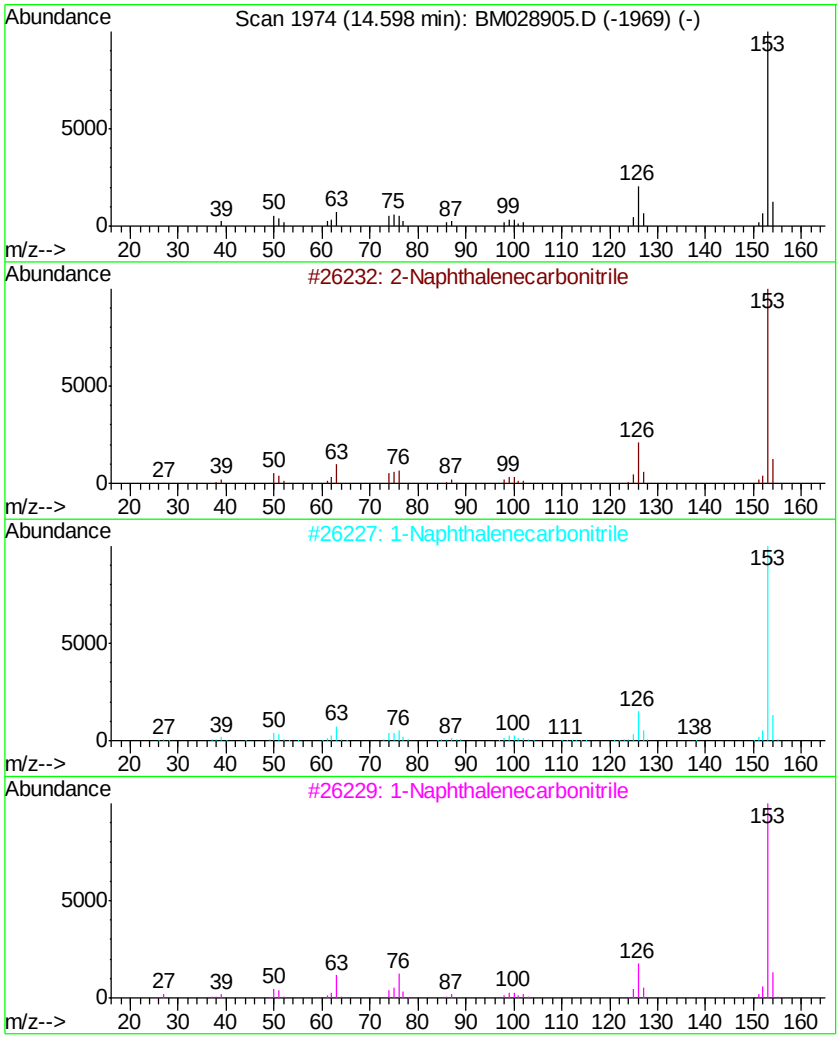
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

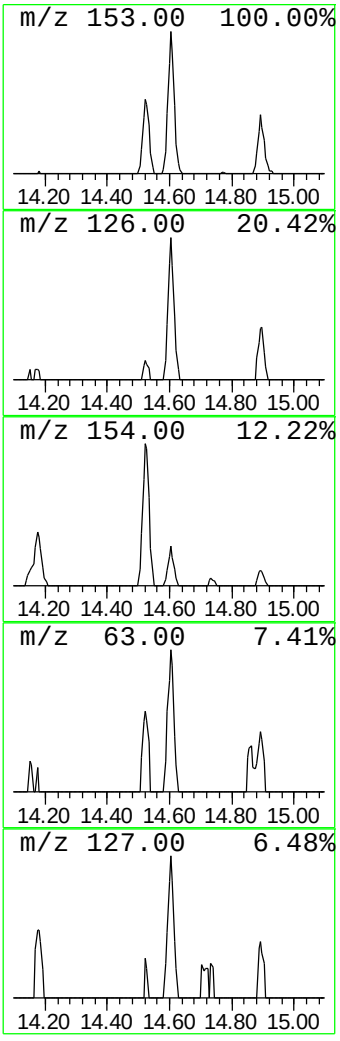
****

Peak Number 1 2-Naphthalenecarbonitrile Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	4.86 ng/ul	36659	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90
5	Benzene-1,2,4-tricarbonitrile	153	C9H3N3	010347-14-5	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
Data File : BM028905.D
Acq On : 25 Feb 2021 20:16
Operator : CG/JU
Sample : M1482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBGJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION

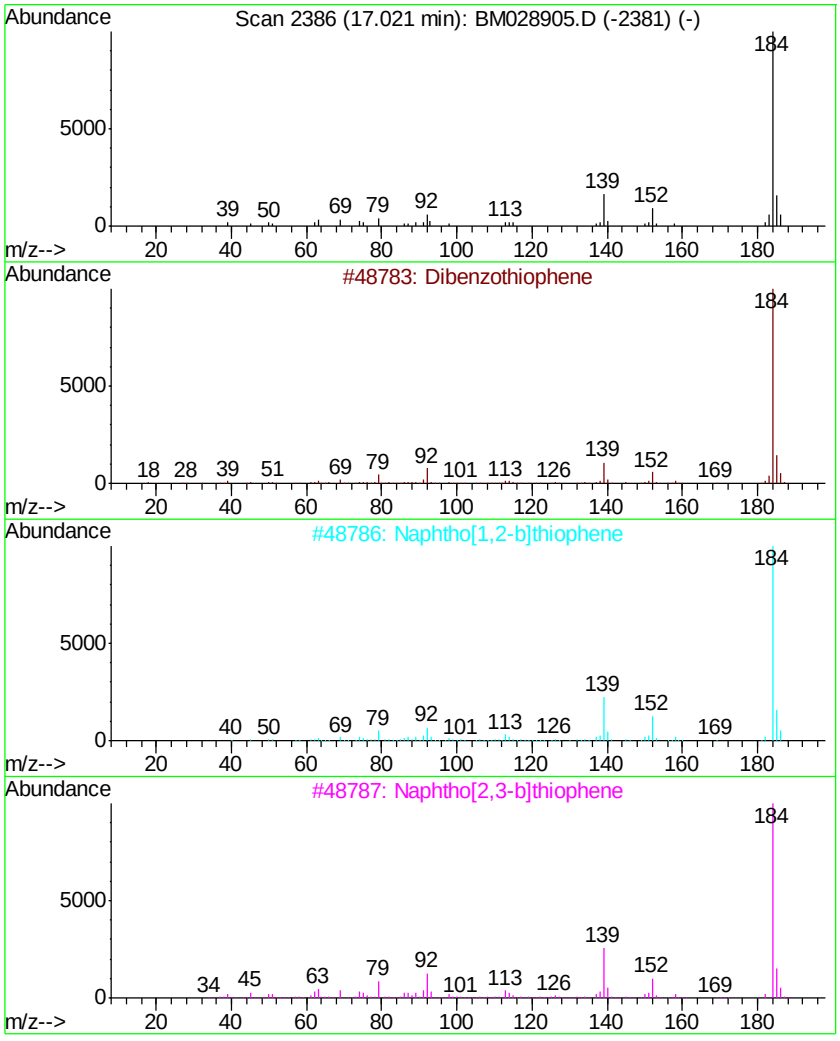
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

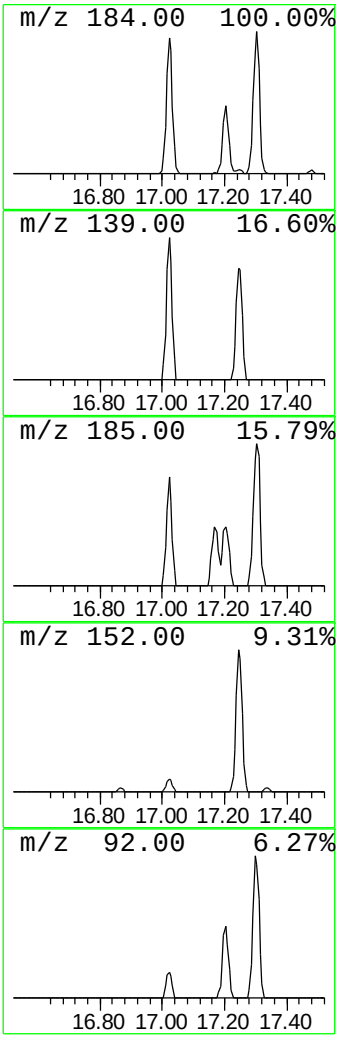
****

Peak Number 2 Dibenzothiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	4.71 ng/ul	38524	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
Data File : BM028905.D
Acq On : 25 Feb 2021 20:16
Operator : CG/JU
Sample : M1482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBGJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION

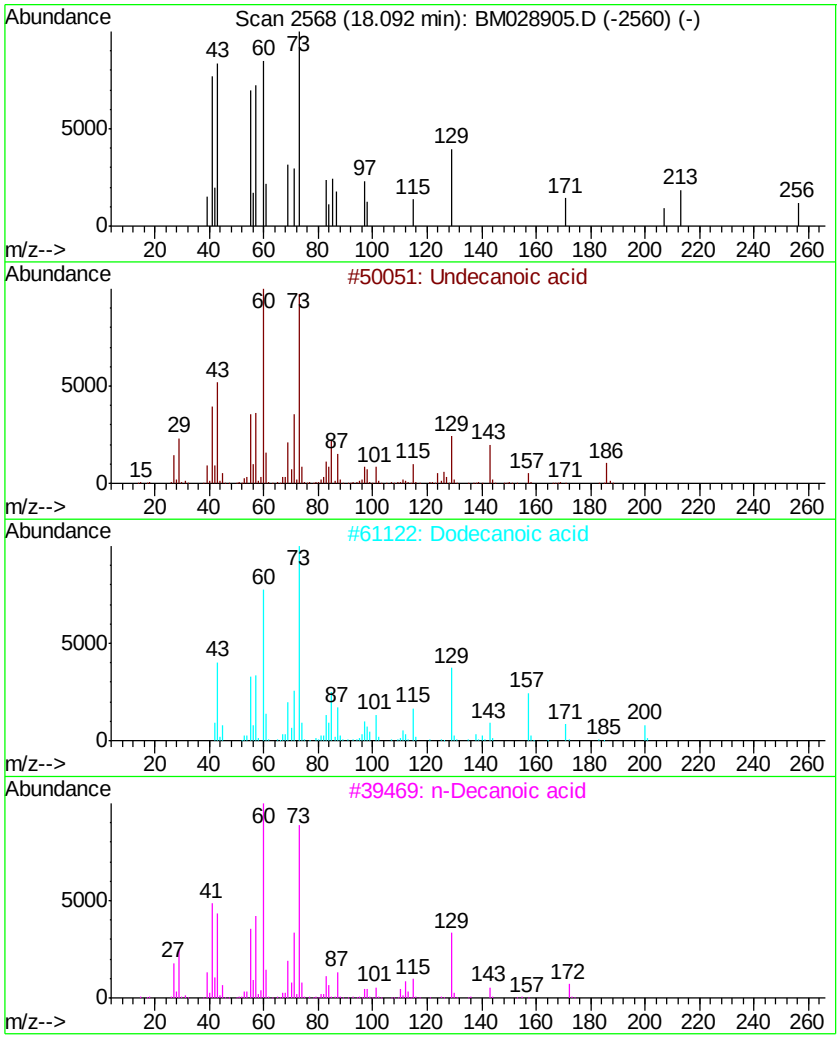
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

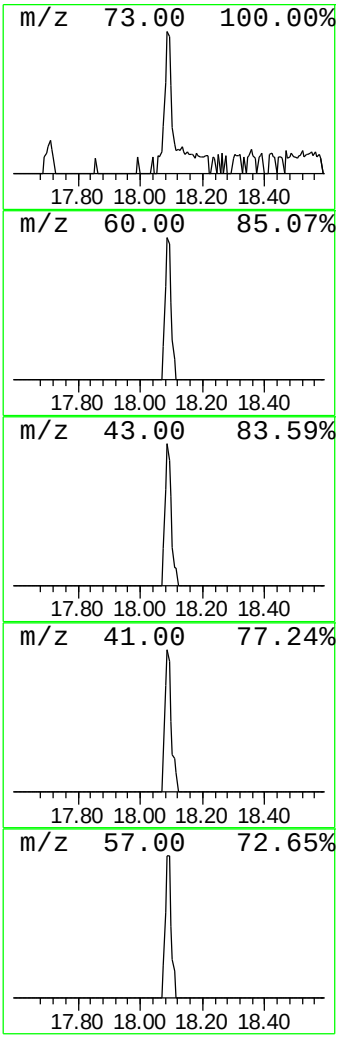
****

Peak Number 3 Undecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.58 ng/ul	21116	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	53
2	Dodecanoic acid	200	C12H24O2	000143-07-7	47
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	n-Butyl n-pentyl disulfide	192	C9H20S2	072437-52-6	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
Data File : BM028905.D
Acq On : 25 Feb 2021 20:16
Operator : CG/JU
Sample : M1482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBGJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION

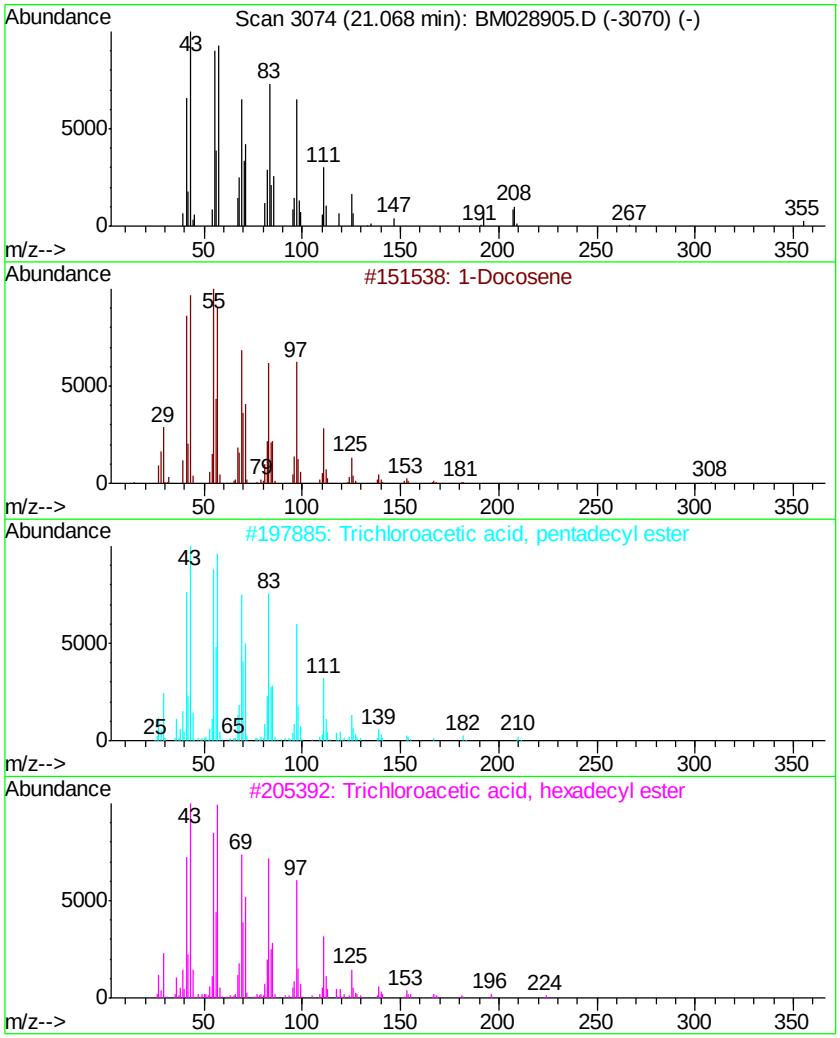
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

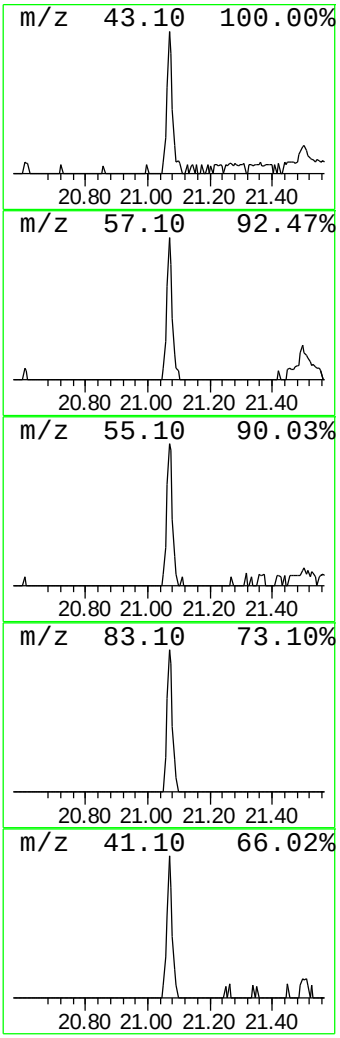
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	4.57 ng/ul	35107	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022621\
Data File : BM028905.D
Acq On : 25 Feb 2021 20:16
Operator : CG/JU
Sample : M1482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBGJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.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
2-Naphthalenecarb...	14.60	4.9	ng/ul	36659	3	14.46	150912	20.0
Dibenzothiophene	17.02	4.7	ng/ul	38524	4	17.20	163522	20.0
Undecanoic acid	18.09	2.6	ng/ul	21116	4	17.20	163522	20.0
(DEL) Alkane: Str...	21.07	4.6	ng/ul	35107	5	21.36	153606	20.0