LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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	4.851	329	334	339	rBV	34839	49337	0.54%	0.086%
2	6.481	604	611	624	rVB	854945	1251900	13.78%	2.176%
3	6.681	639	645	650	rBV	47764	77515	0.85%	0.135%
4	6.840	666	672	678	rBV	139952	221297	2.44%	0.385%
5	7.028	699	704	712	rVB	162285	247414	2.72%	0.430%
6	7.487	775	782	792	rBV	628061	966461	10.64%	1.680%
7	7.575	792	797	801	rBV	32460	59227	0.65%	0.103%
8	7.857	836	845	854	rVB	269411	507055	5.58%	0.881%
9	8.204	896	904	912	rBV2	126283	200197	2.20%	0.348%
10	8.628	971	976	987	rVB2	163317	372256	4.10%	0.647%
11	8.828	1005	1010	1016	rVV	44514	71619	0.79%	0.124%
12	8.951	1026	1031	1039	rVV5	25594	74286	0.82%	0.129%
13	9.345	1092	1098	1106	rBV	127877	212149	2.34%	0.369%
14	9.516	1122	1127	1140	rVB2	39294	80332	0.88%	0.140%
15	9.663	1143	1152	1163	rBV2	129740	256189	2.82%	0.445%
16	9.886	1184	1190	1201	rVV2	199680	347581	3.83%	0.604%
17	10.245	1242	1251	1256	rVV	821888	1415948	15.59%	2.461%
18	10.298	1256	1260	1267	rVV	977815	1532462	16.87%	2.663%
19	10.410	1275	1279	1292	rVB	138683	269213	2.96%	0.468%
20	11.351	1433	1439	1446	rBV3	43652	91931	1.01%	0.160%
21	11.651	1480	1490	1498	rVV7	57306	161735	1.78%	0.281%
22	11.810	1511	1517	1527	rVB	104041	183656	2.02%	0.319%
23	11.922	1527	1536	1540	rBV	40328	83569	0.92%	0.145%
24	12.145	1562	1574	1582	rVB	1385692	2301012	25.33%	3.999%
25	12.957	1709	1712	1723	rVB2	47150	88754	0.98%	0.154%
26	13.157	1739	1746	1748	rBV	107764	179715	1.98%	0.312%
27	13.286	1758	1768	1770	rBV2	120337	203677	2.24%	0.354%
28	13.451	1790	1796	1801	rVV	323189	553850	6.10%	0.963%
29	13.504	1801	1805	1808	rVV	78769	122199	1.35%	0.212%
30	13.557	1808	1814	1818	rVV	361020	558033	6.14%	0.970%
31	13.604	1818	1822	1825	rVV	51263	76038	0.84%	0.132%
32	13.686	1831	1836	1840	rVV	160170	253364	2.79%	0.440%
33	13.721	1840	1842	1849	rVV	70941	82480	0.91%	0.143%
34	13.816	1852	1858	1862	rVV	400762	618770	6.81%	1.075%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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	13.851	1862	1864	1873	rVB2	156249	219181	2.41%	0.381%
36	14.133	1899	1912	1917	rBV	1210865	1824155	20.08%	3.170%
37	14.198	1917	1923	1932	rVV	6387587	9083382	100.00%	15.786%
38	14.268	1932	1935	1938	rVV	45291	63655	0.70%	0.111%
39	14.363	1947	1951	1958	rVV5	46467	105011	1.16%	0.182%
40	14.445	1959	1965	1970	rVV	114584	184123	2.03%	0.320%
41	14.533	1970	1980	1989	rVV	3042520	4287865	47.21%	7.452%
42	14.621	1989	1995	2004	rVB5	32749	79762	0.88%	0.139%
43	14.763	2011	2019	2023	rBV2	35573	81571	0.90%	0.142%
44	14.968	2050	2054	2058	rVV3	40810	64501	0.71%	0.112%
45	15.080	2066	2073	2076	rBV6	20891	44507	0.49%	0.077%
46	15.133	2076	2082	2086	rVV	549652	781292	8.60%	1.358%
47	15.186	2086	2091	2097	rVV	2692023	3704596	40.78%	6.438%
48	15.263	2099	2104	2110	rVV3	138119	271032	2.98%	0.471%
49	15.315	2110	2113	2115	rVV2	120985	177942	1.96%	0.309%
50	15.351	2115	2119	2123	rVV2	191601	316494	3.48%	0.550%
51	15.398	2123	2127	2130	rVV5	52120	108506	1.19%	0.189%
52	15.439	2130	2134	2137	rVV	84076	131143	1.44%	0.228%
53	15.486	2137	2142	2148	rVB2	150765	227371	2.50%	0.395%
54	15.580	2153	2158	2161	rVV3	46302	85509	0.94%	0.149%
55	15.633	2161	2167	2176	rVB	201835	427649	4.71%	0.743%
56	15.721	2176	2182	2186	rBV3	31251	52465	0.58%	0.091%
57	15.857	2200	2205	2211	rBV2	174133	267527	2.95%	0.465%
58	15.980	2221	2226	2234	rBV	167863	259403	2.86%	0.451%
59	16.057	2234	2239	2245	rVV5	39043	64428	0.71%	0.112%
60	16.151	2250	2255	2259	rVV4	58267	122071	1.34%	0.212%
61	16.192	2259	2262	2267	rVV	63559	105716	1.16%	0.184%
62	16.245	2267	2271	2278	rVB4	28564	52639	0.58%	0.091%
63	16.345	2282	2288	2291	rBV	28281	44316	0.49%	0.077%
64	16.509	2312	2316	2319	rBV5	23555	43081	0.47%	0.075%
65	16.633	2329	2337	2340	rBV8	36112	78867	0.87%	0.137%
66	16.698	2340	2348	2354	rVB	298771	494627	5.45%	0.860%
67	16.804	2361	2366	2371	rBV2	49544	81434	0.90%	0.142%
68	16.880	2371	2379	2382	rVV	1532465	2124274	23.39%	3.692%
69	16.921	2382	2386	2391	rVV	2086103	2723778	29.99%	4.734%
70	16.980	2391	2396	2399	rVV	586792	851987	9.38%	1.481%
71	17.009	2399	2401	2409	rVV2	131432	196391	2.16%	0.341%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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	17.080	2409	2413	2424	rVB5	46237	90639	1.00%	0.158%
73	17.286	2439	2448	2454	rBV	1706202	2357408	25.95%	4.097%
74	17.392	2460	2466	2471	rBV7	54160	118762	1.31%	0.206%
75	17.445	2471	2475	2481	rVB3	78173	119677	1.32%	0.208%
76	17.515	2482	2487	2488	rBV	34153	46711	0.51%	0.081%
77	17.545	2488	2492	2496	rVV3	59478	99618	1.10%	0.173%
78	17.633	2504	2507	2514	rVB6	33585	55572	0.61%	0.097%
79	17.721	2518	2522	2525	rVV	63653	77134	0.85%	0.134%
80	17.804	2531	2536	2543	rBV	236450	345346	3.80%	0.600%
81	17.880	2544	2549	2554	rVB2	124718	179856	1.98%	0.313%
82	17.951	2554	2561	2566	rBV	167719	294661	3.24%	0.512%
83	18.056	2572	2579	2583	rBV2	105392	203881	2.24%	0.354%
84	18.104	2583	2587	2591	rVB	156150	194050	2.14%	0.337%
85	18.198	2599	2603	2610	rVB2	130125	210727	2.32%	0.366%
86	18.262	2610	2614	2617	rVV	55580	67132	0.74%	0.117%
87	18.545	2659	2662	2667	rVB3	46262	61190	0.67%	0.106%
88	18.945	2726	2730	2737	rVB	317110	400522	4.41%	0.696%
89	19.015	2738	2742	2745	rBV4	34223	50699	0.56%	0.088%
90	19.162	2763	2767	2770	rBV2	66159	86457	0.95%	0.150%
91	19.280	2781	2787	2790	rBV	772627	1041226	11.46%	1.810%
92	19.345	2794	2798	2807	rVB	951639	1168872	12.87%	2.031%
93	19.692	2852	2857	2862	rBV	234068	310712	3.42%	0.540%
94	19.756	2864	2868	2873	rVV	134706	182582	2.01%	0.317%
95	19.862	2883	2886	2890	rVB3	41109	50382	0.55%	0.088%
96	20.350	2966	2969	2972	rBV3	56926	74777	0.82%	0.130%
97	20.827	3047	3050	3054	rBV4	57661	71050	0.78%	0.123%
98	21.080	3088	3093	3102	rBV	2060248	2539687	27.96%	4.414%
99	23.062	3425	3430	3437	rBV	570975	940316	10.35%	1.634%
100	23.197	3447	3453	3465	rVB	1399635	2497379	27.49%	4.340%

Sum of corrected areas: 57540497

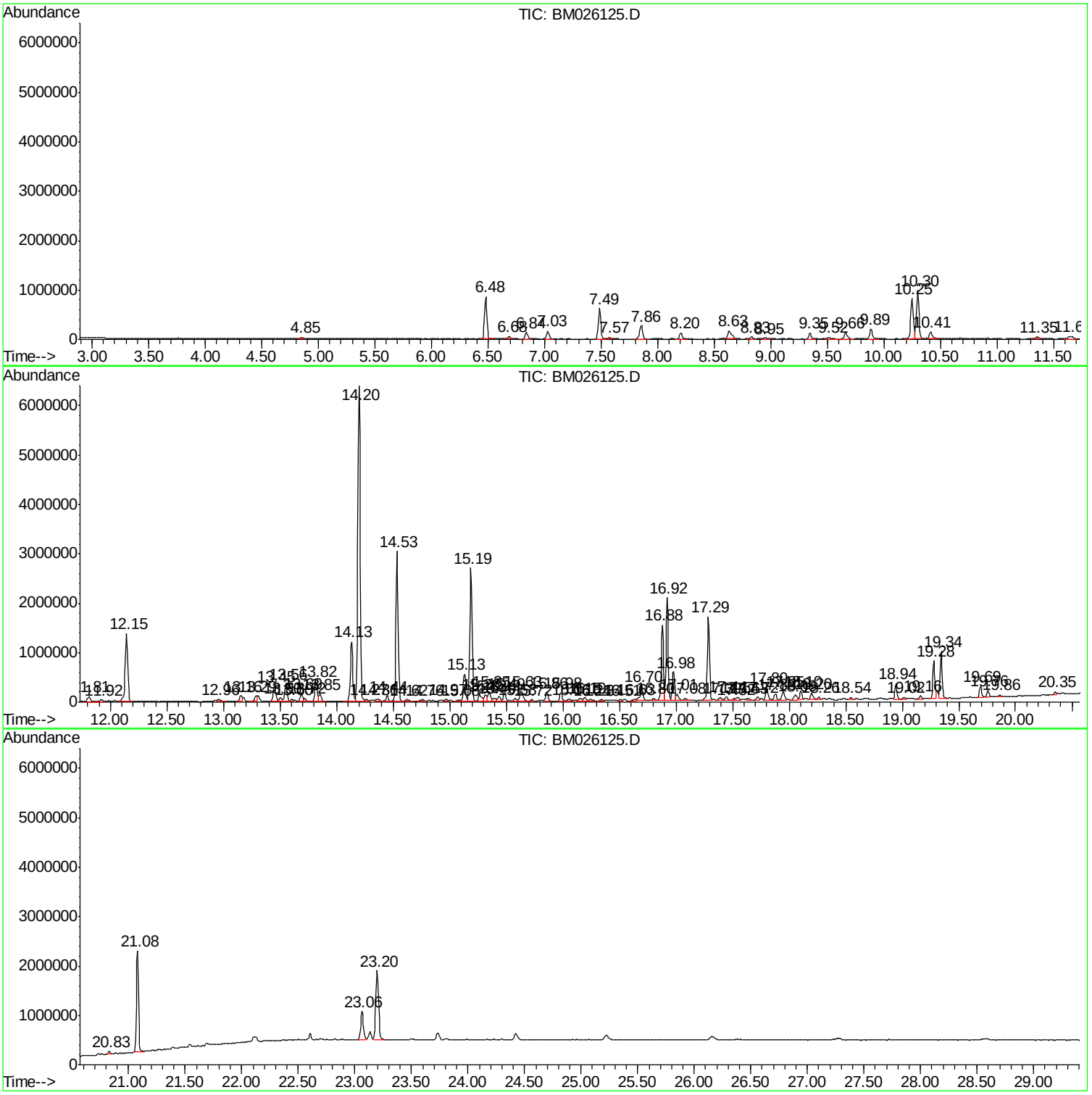
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

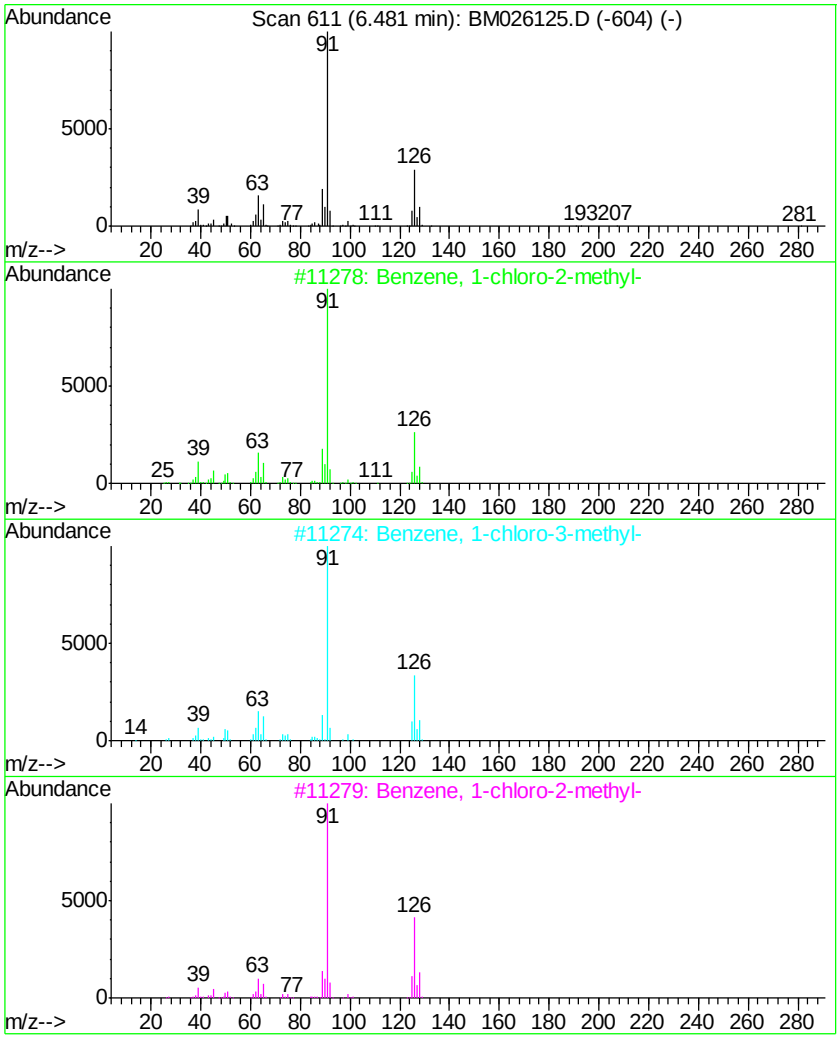
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

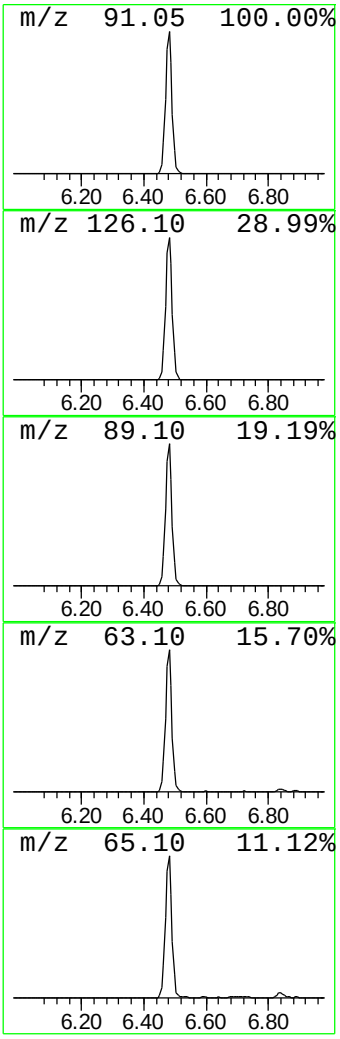
****

Peak Number 1 Benzene, 1-chloro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	25.91 ng/ul	1251900	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	95
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	95
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

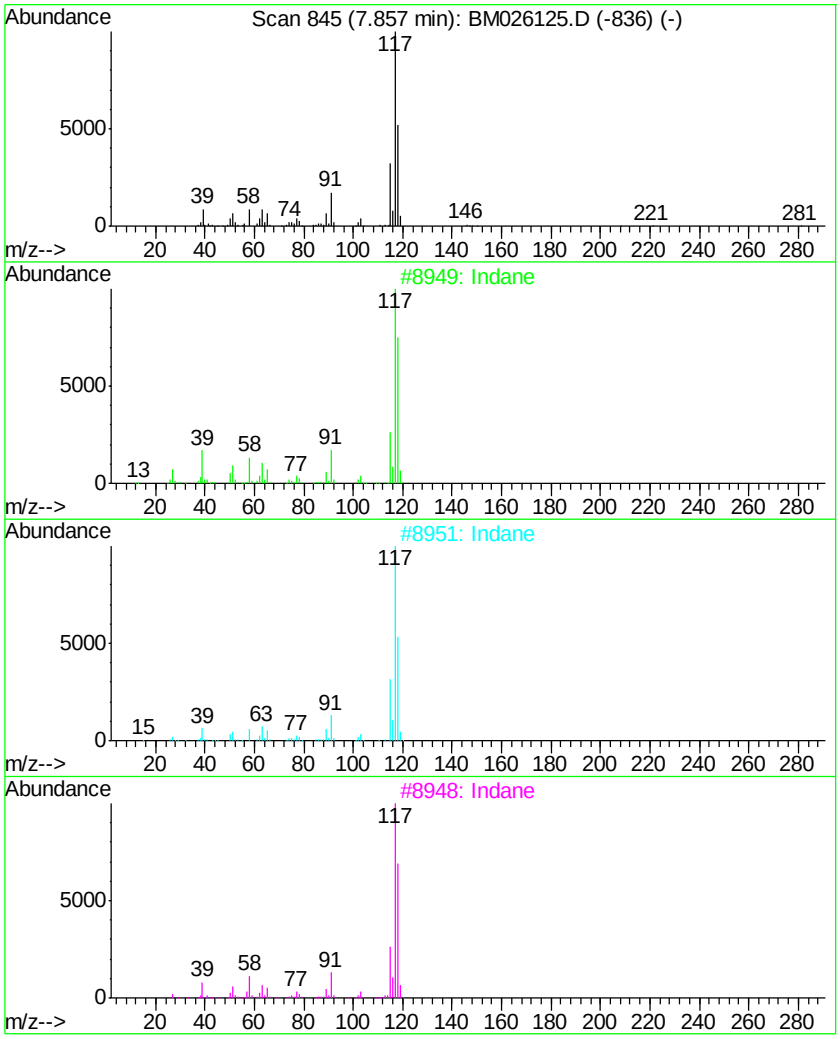
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

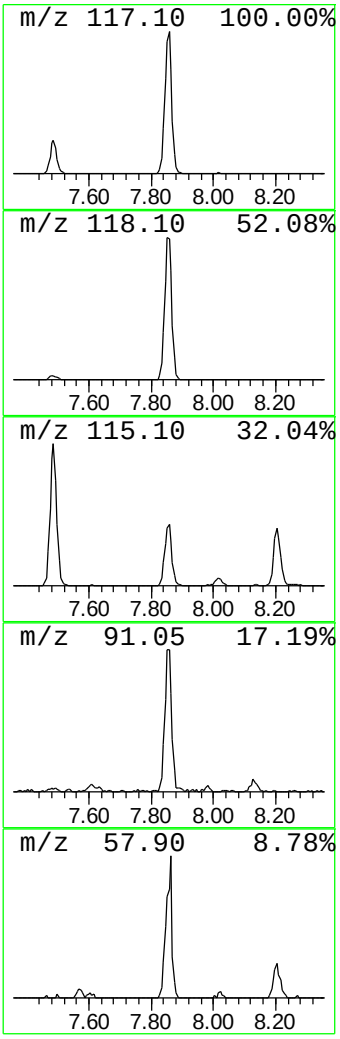
****

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	10.49 ng/ul	507055	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

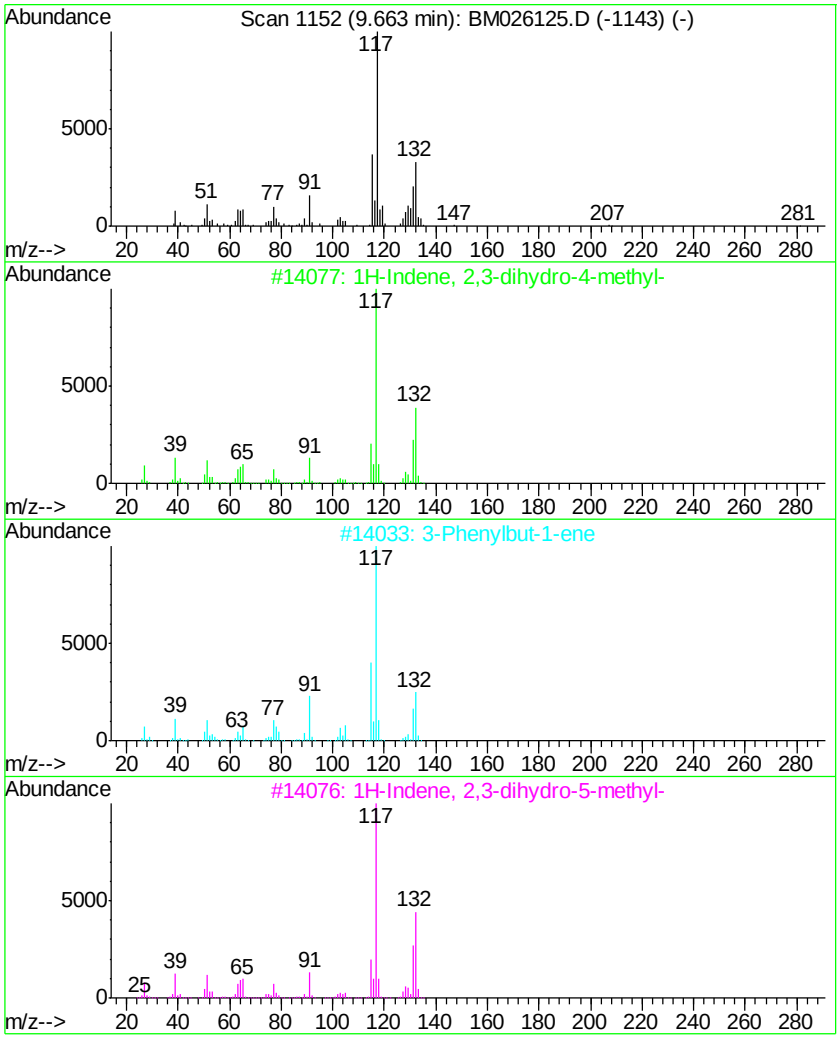
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

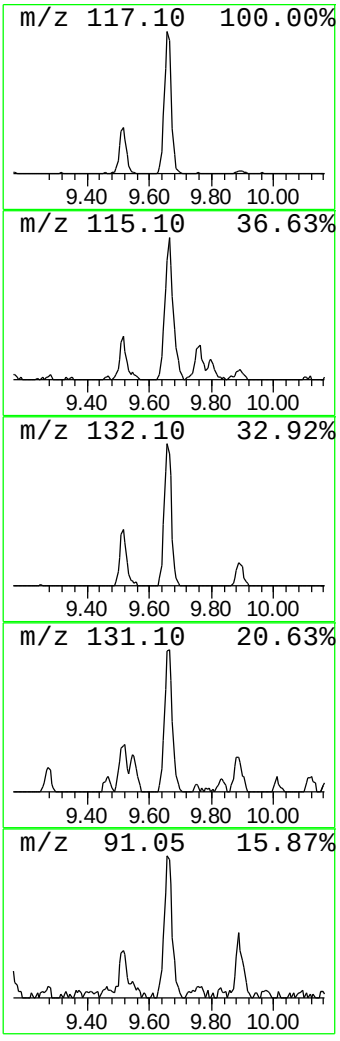
****

Peak Number 3 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	3.62 ng/ul	256189	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

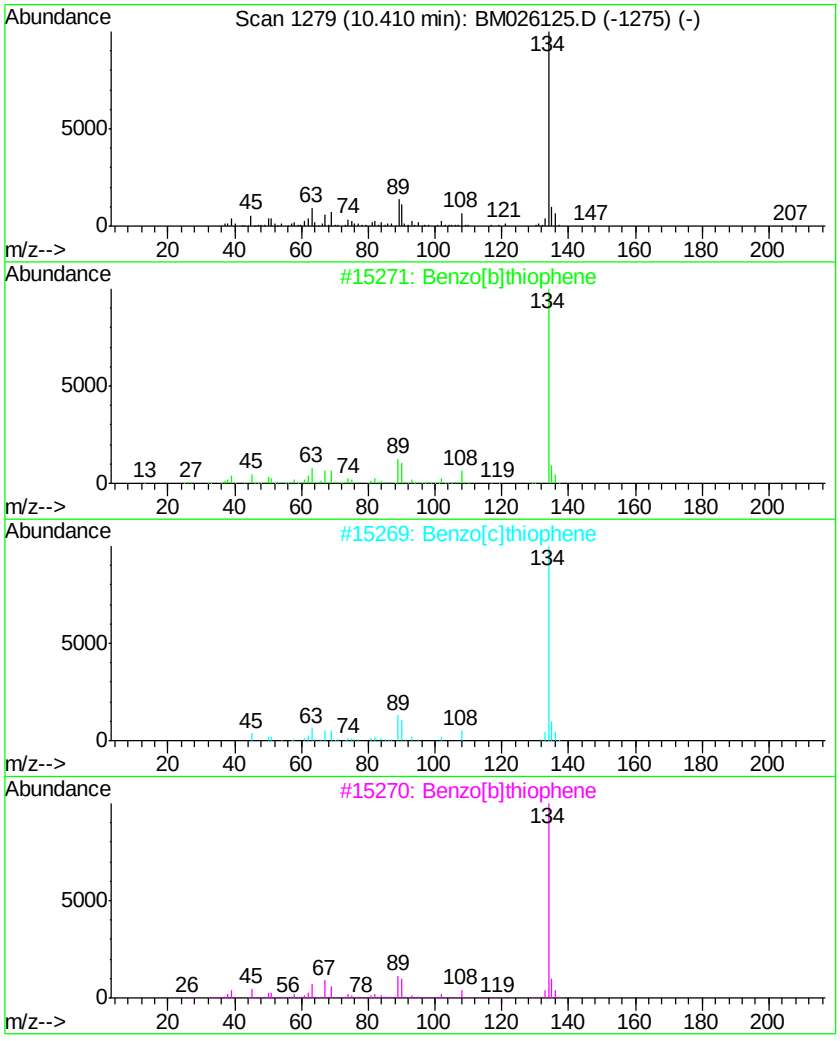
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

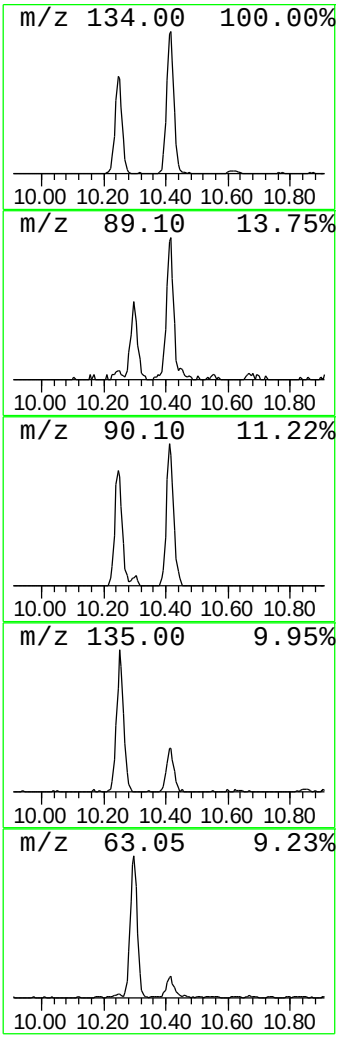
****

Peak Number 4 Benzo[b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	3.80 ng/ul	269213	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

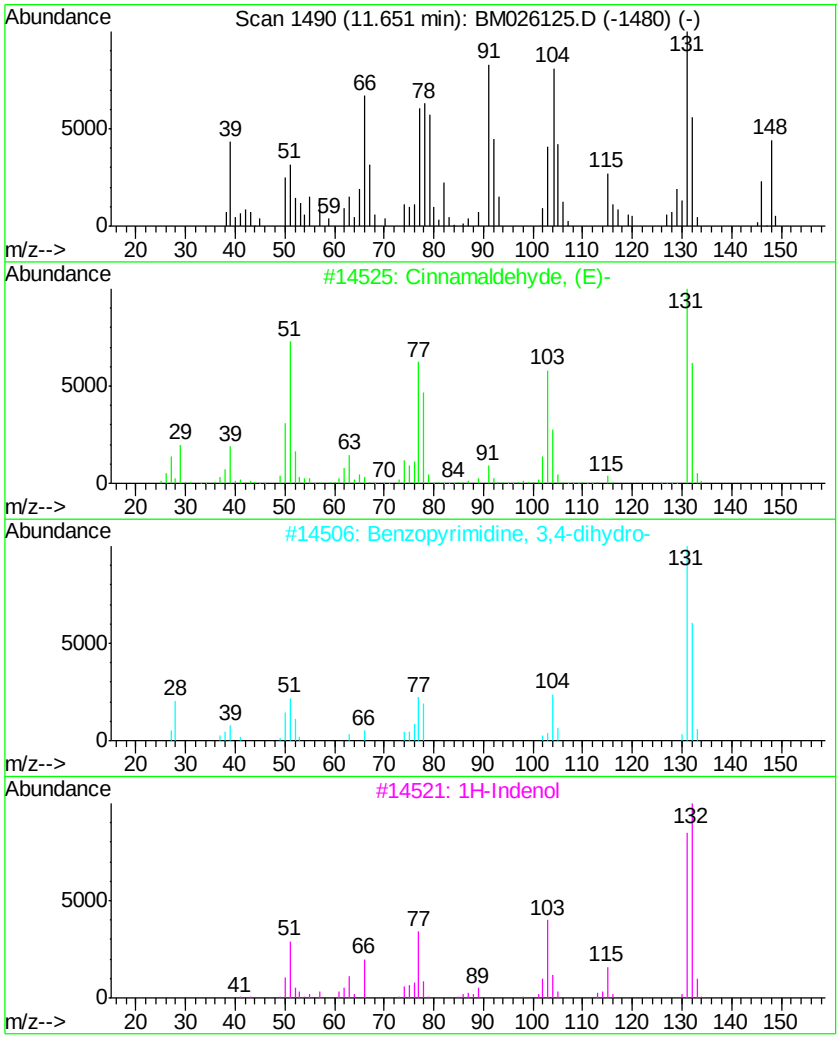
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

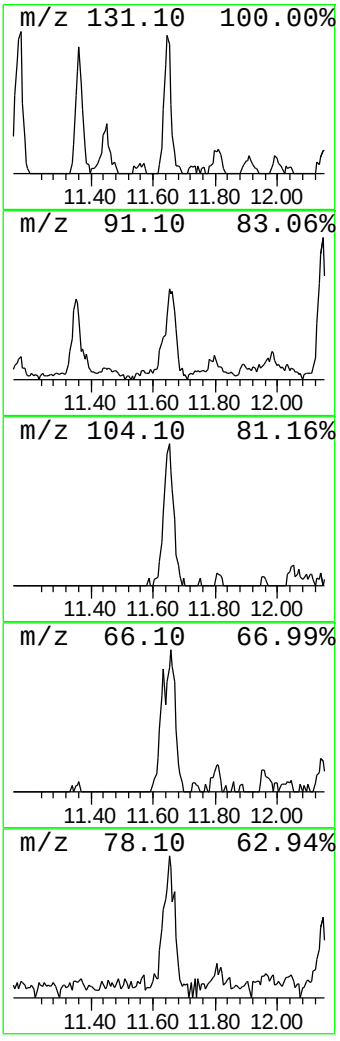
****

Peak Number 5 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.28 ng/ul	161735	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	47
2	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	42
3	1H-Indenol	132	C9H8O	056631-57-3	38
4	Tricyclo(6.2.1.0(2,7))undec-4-ene	148	C11H16	091465-71-3	30
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	25





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Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

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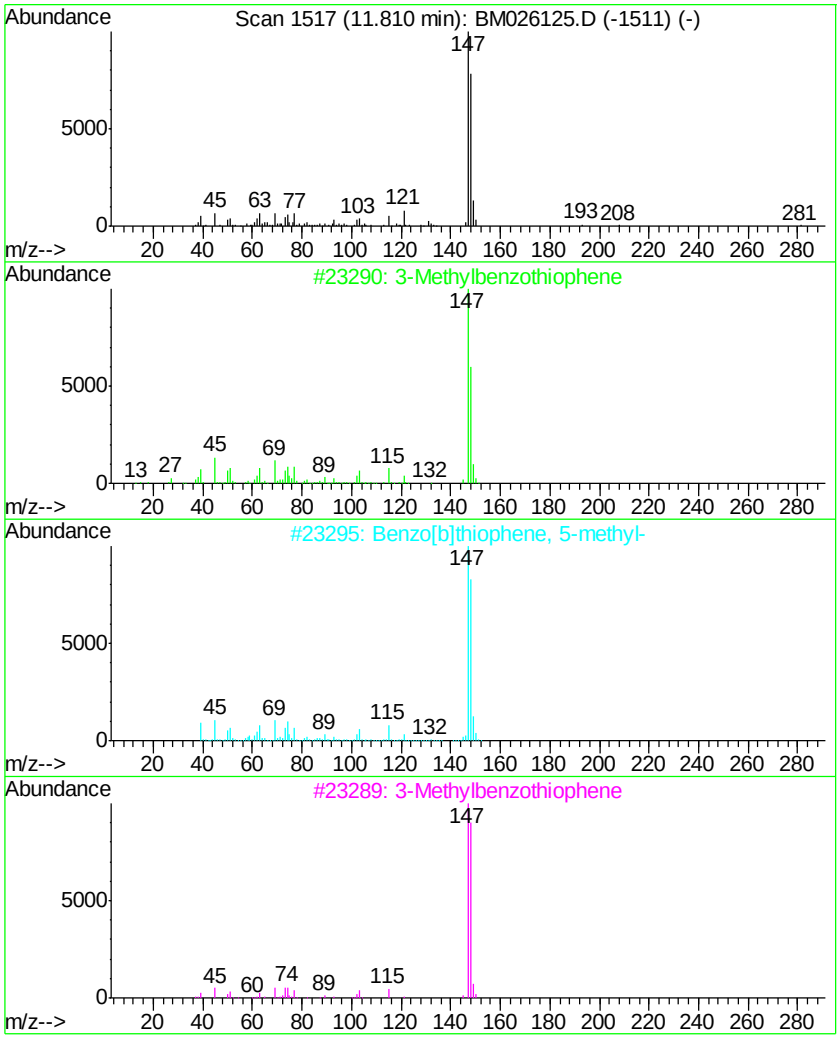
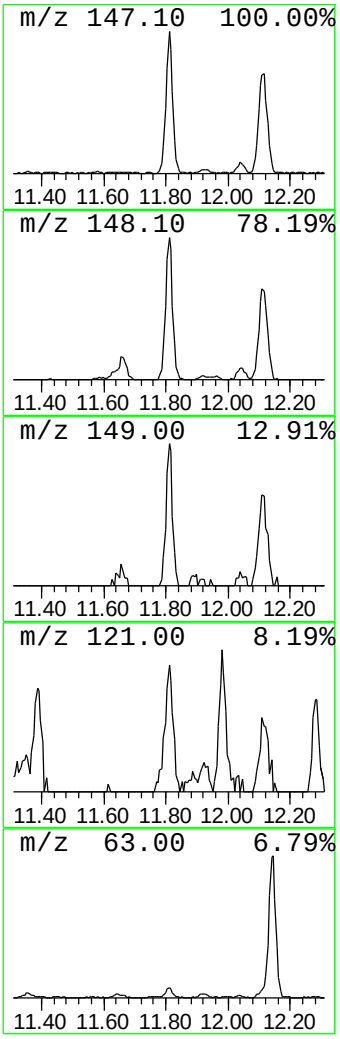
Peak Number 6 3-Methylbenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	2.59 ng/ul	183656	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90





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Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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Quant Title : SVOA CALIBRATION

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

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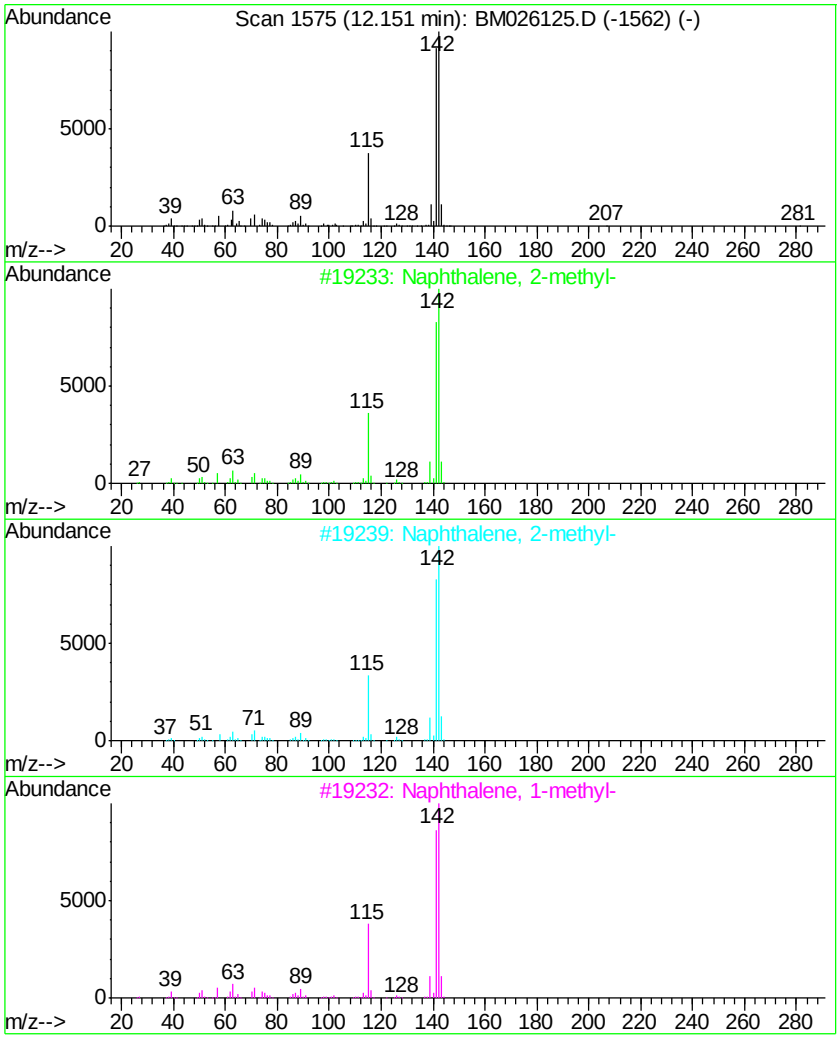
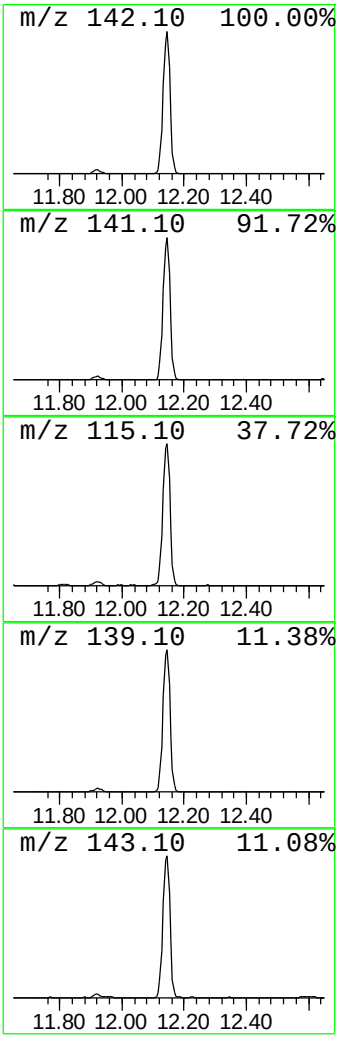
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	32.50 ng/ul	2301010	Naphthalene-d8	10.25

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





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Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

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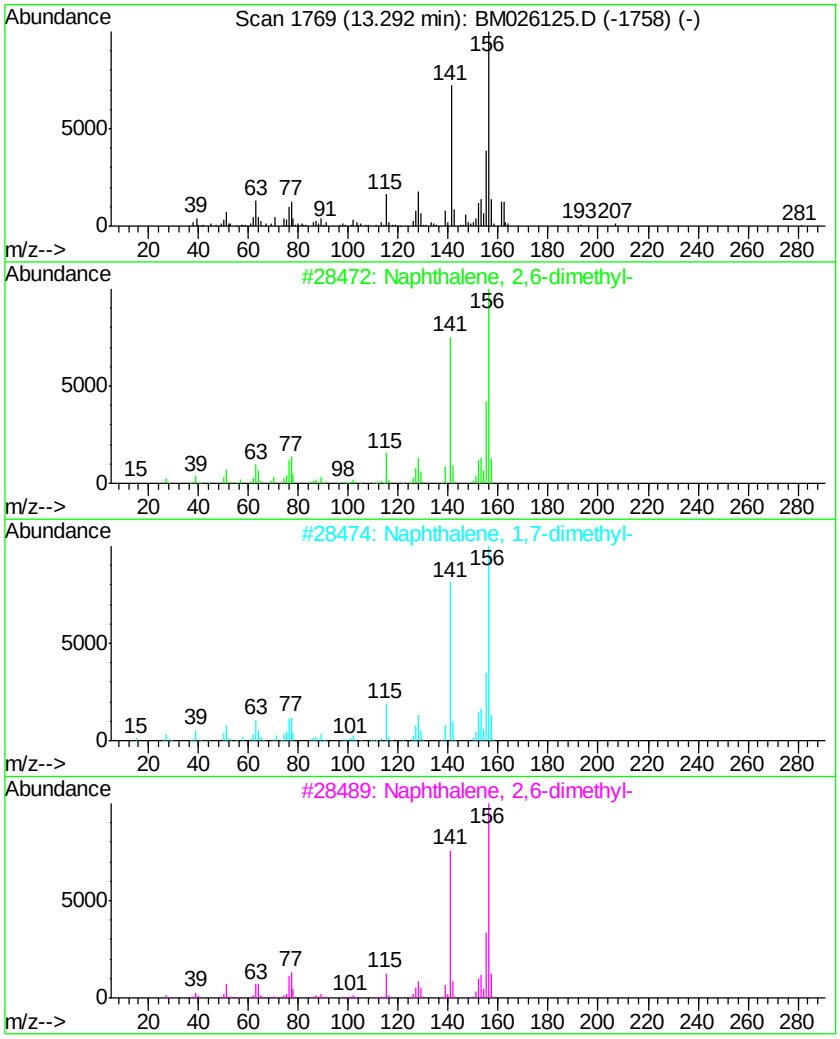
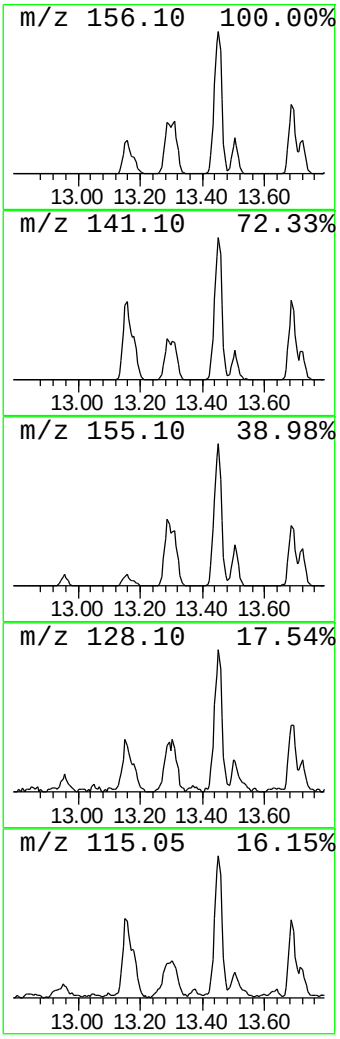
Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.23 ng/ul	203677	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98





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Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

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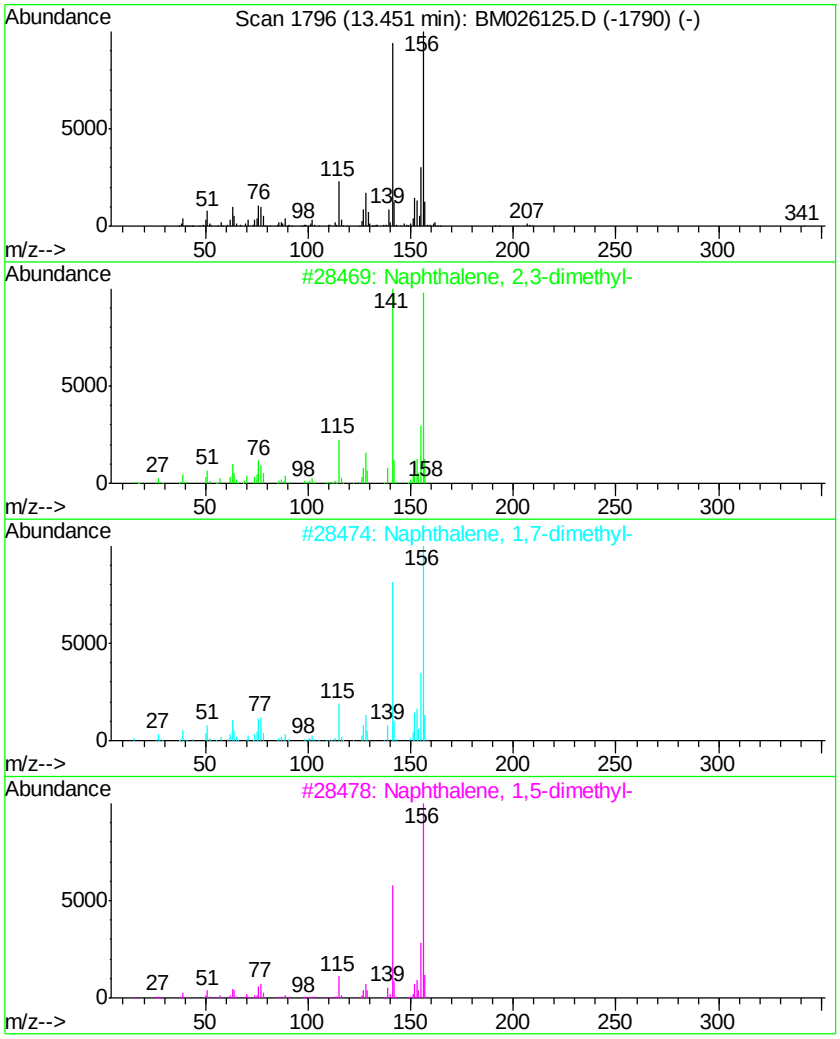
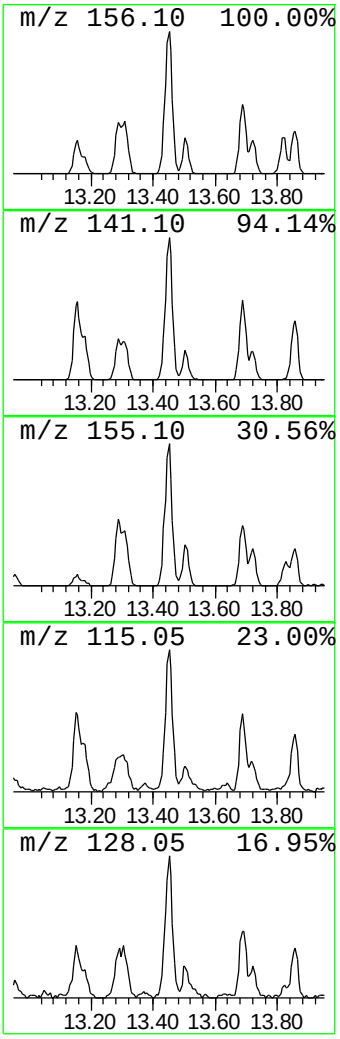
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	6.07 ng/ul	553850	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

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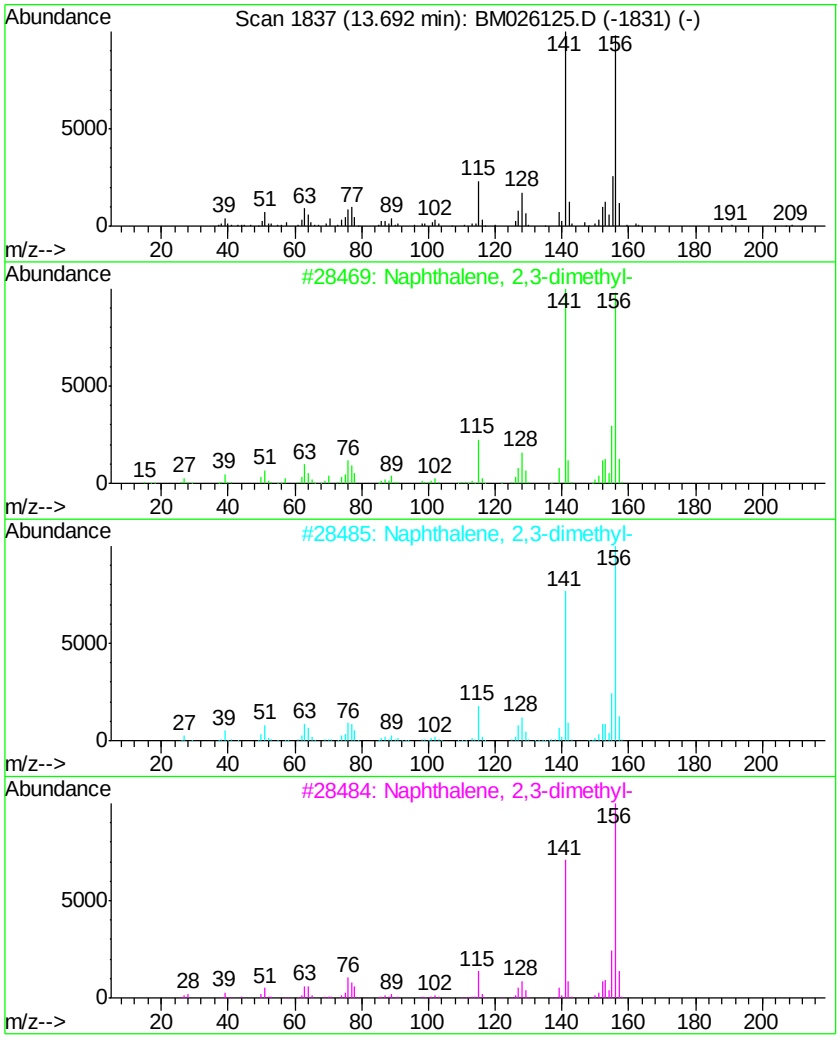
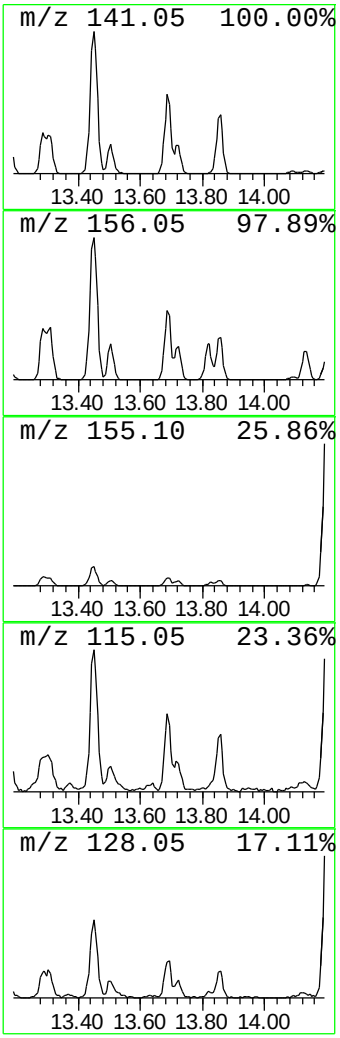
Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.78 ng/ul	253364	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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Quant Title : SVOA CALIBRATION

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

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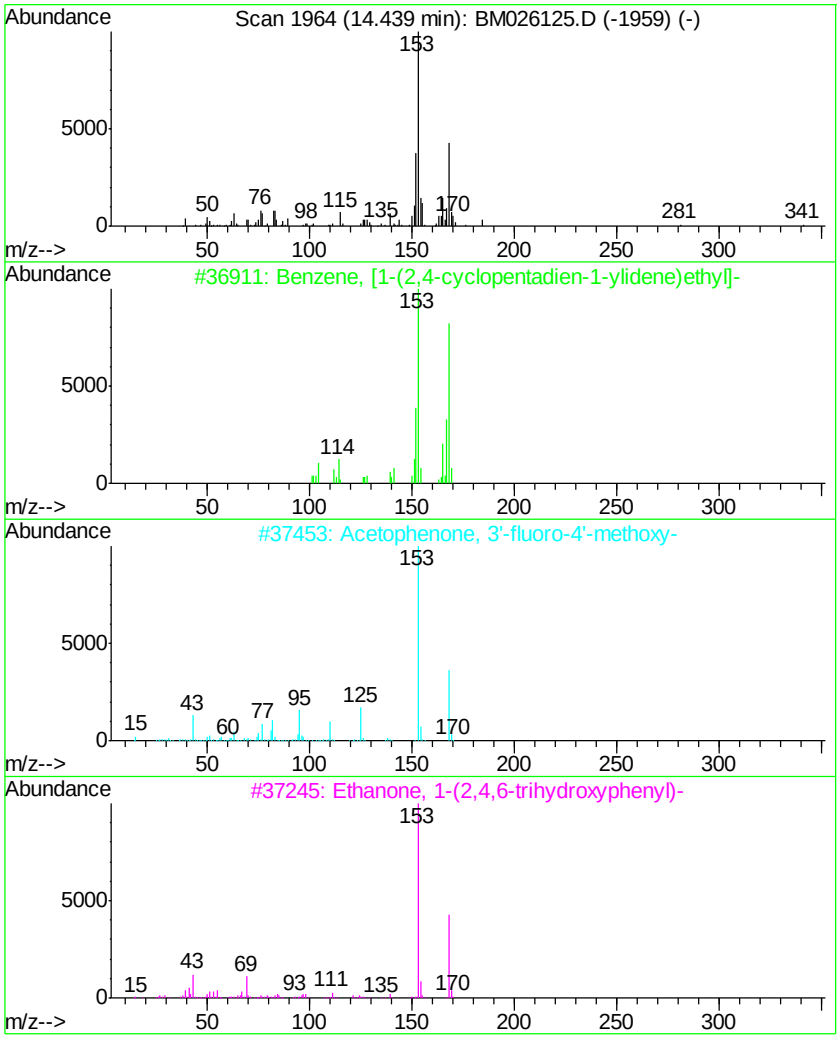
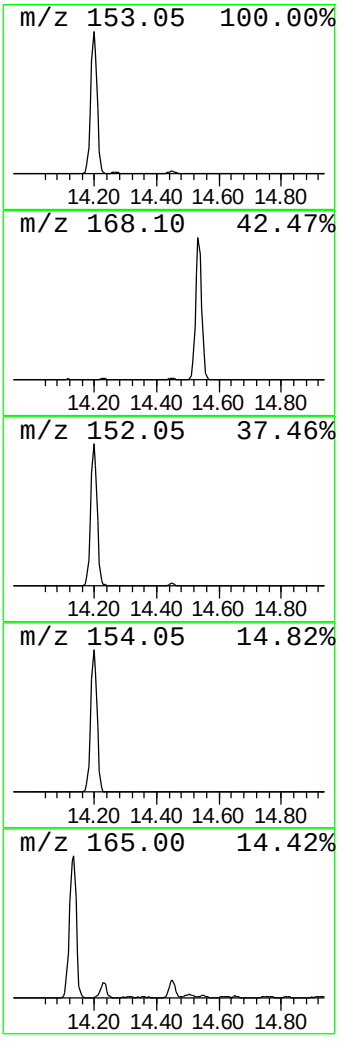
Peak Number 11 Benzene, [1-(2,4-cyclopenta... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.02 ng/ul	184123	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
2	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	53
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
5	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	53





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Misc :
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ClientSampleId : F9B21DL

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Quant Title : SVOA CALIBRATION

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

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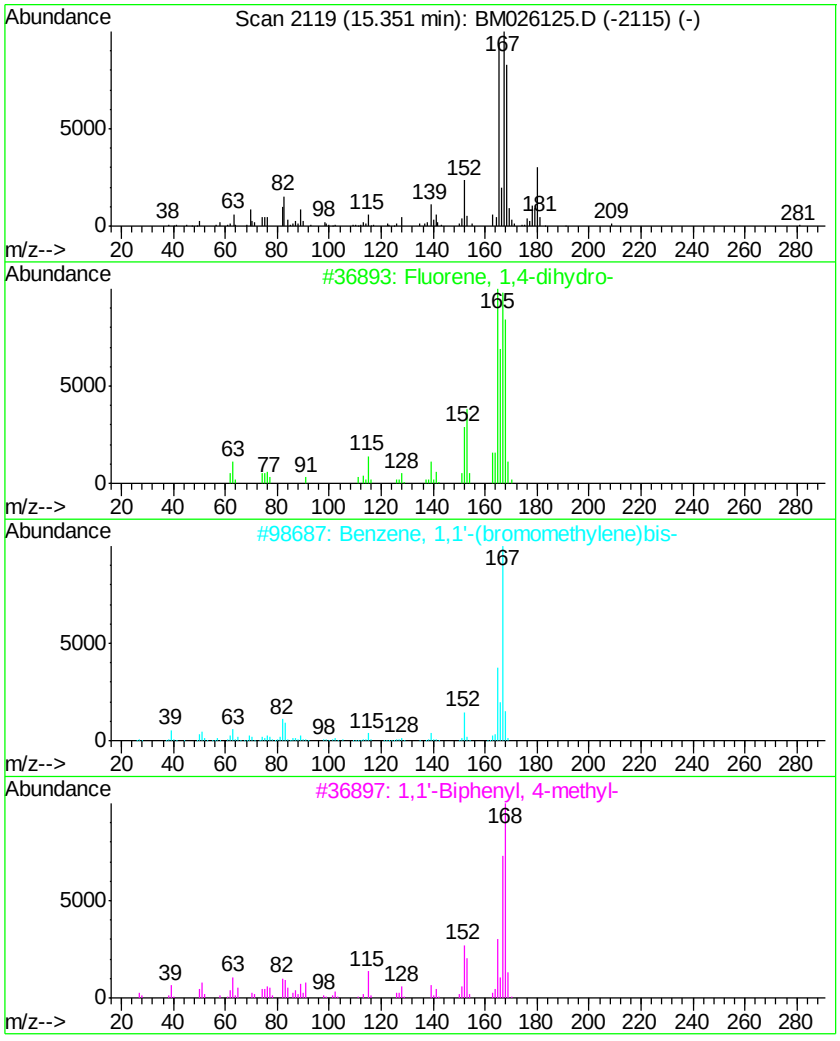
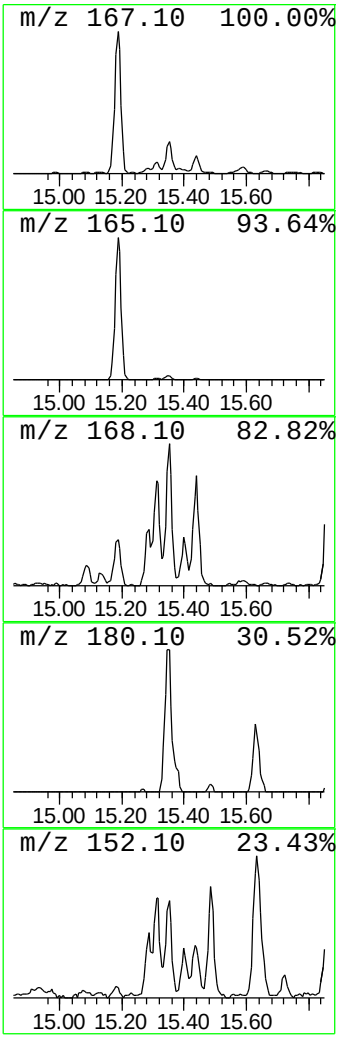
Peak Number 12 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	3.47 ng/ul	316494	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	49
2	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	43
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	41
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38
5	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	38





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Quant Title : SVOA CALIBRATION

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

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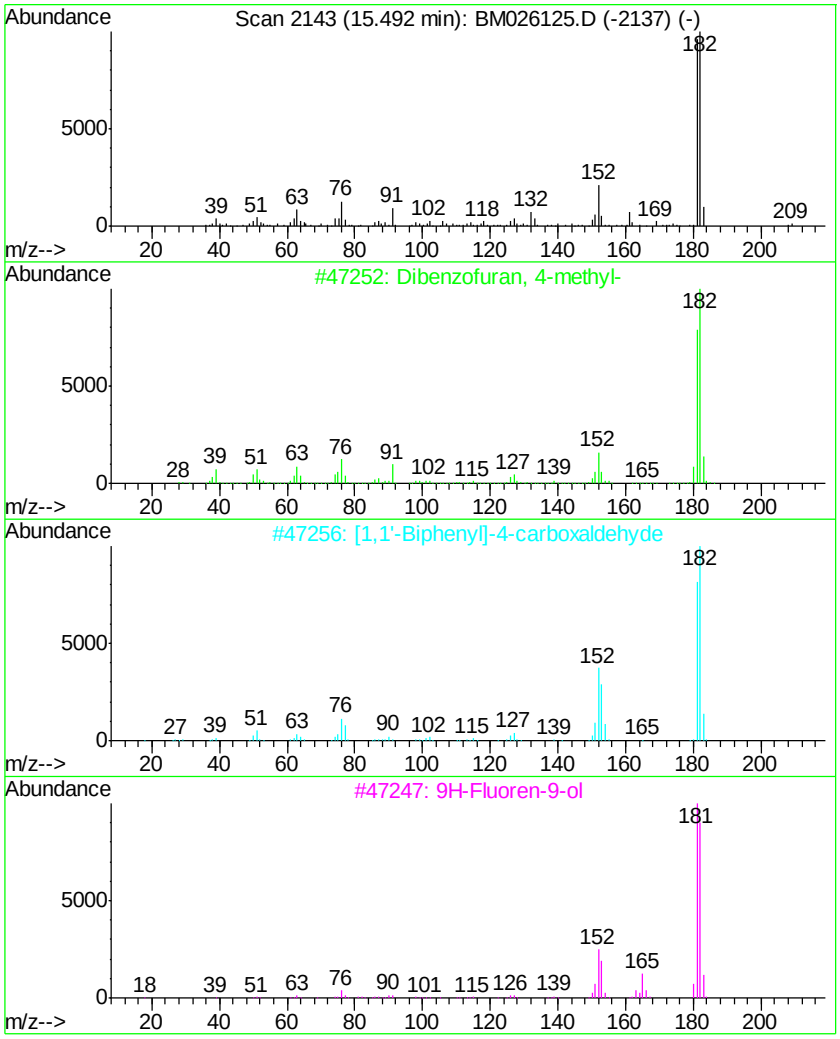
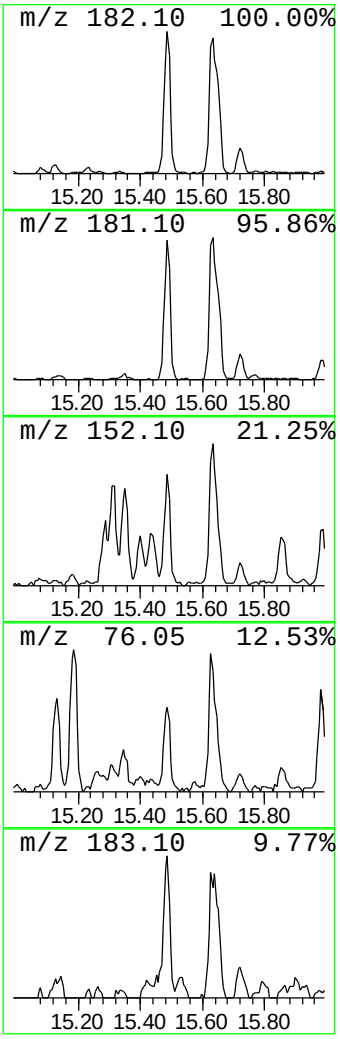
Peak Number 13 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.49 ng/ul	227371	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80





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Instrument : BNA_M
ClientSampleId : F9B21DL

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Quant Title : SVOA CALIBRATION

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

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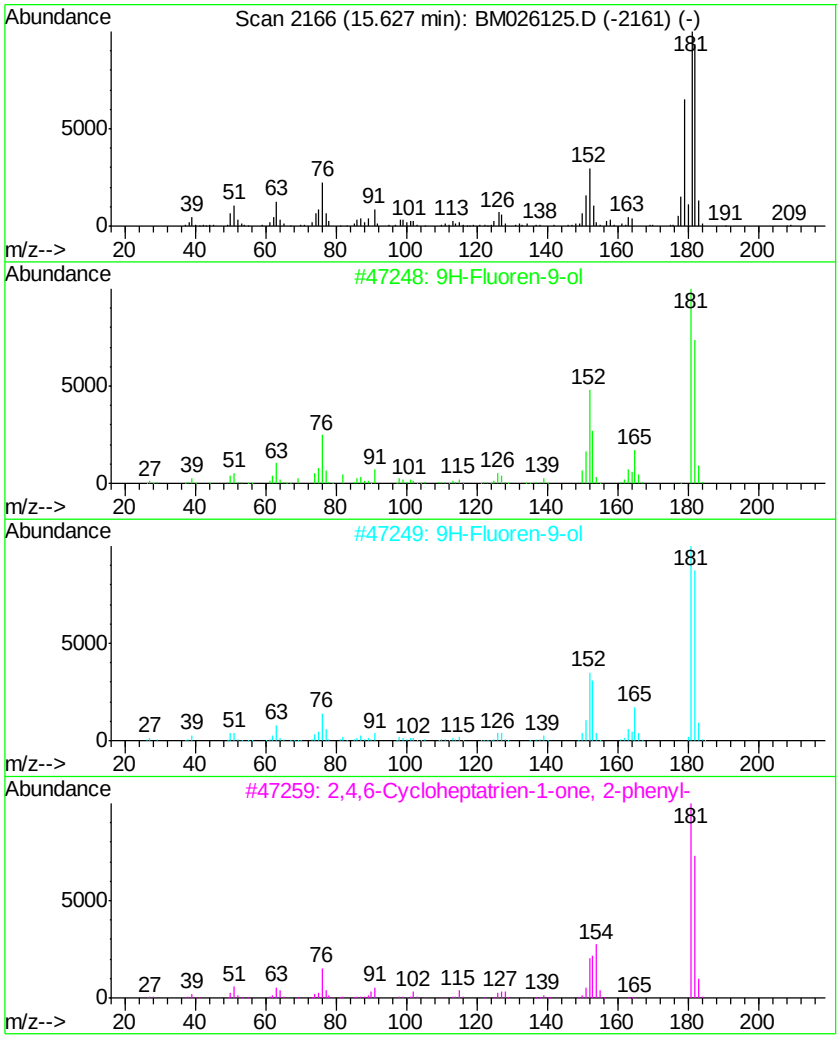
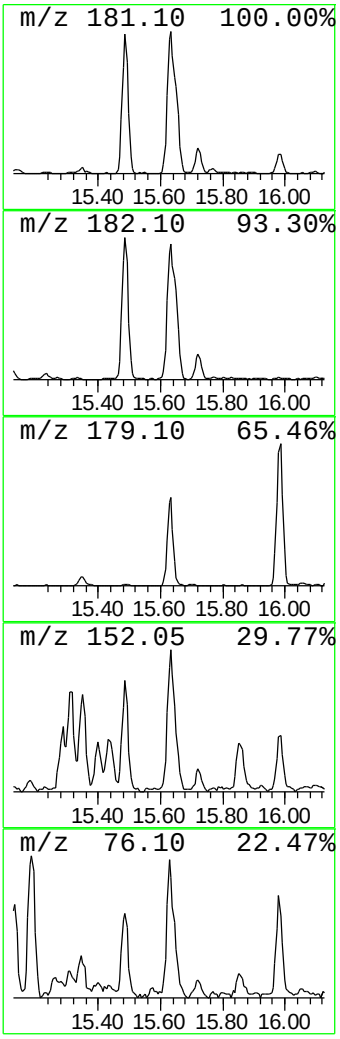
Peak Number 14 9H-Fluoren-9-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	4.03 ng/ul	427649	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	68
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	58
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	58





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Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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Quant Title : SVOA CALIBRATION

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

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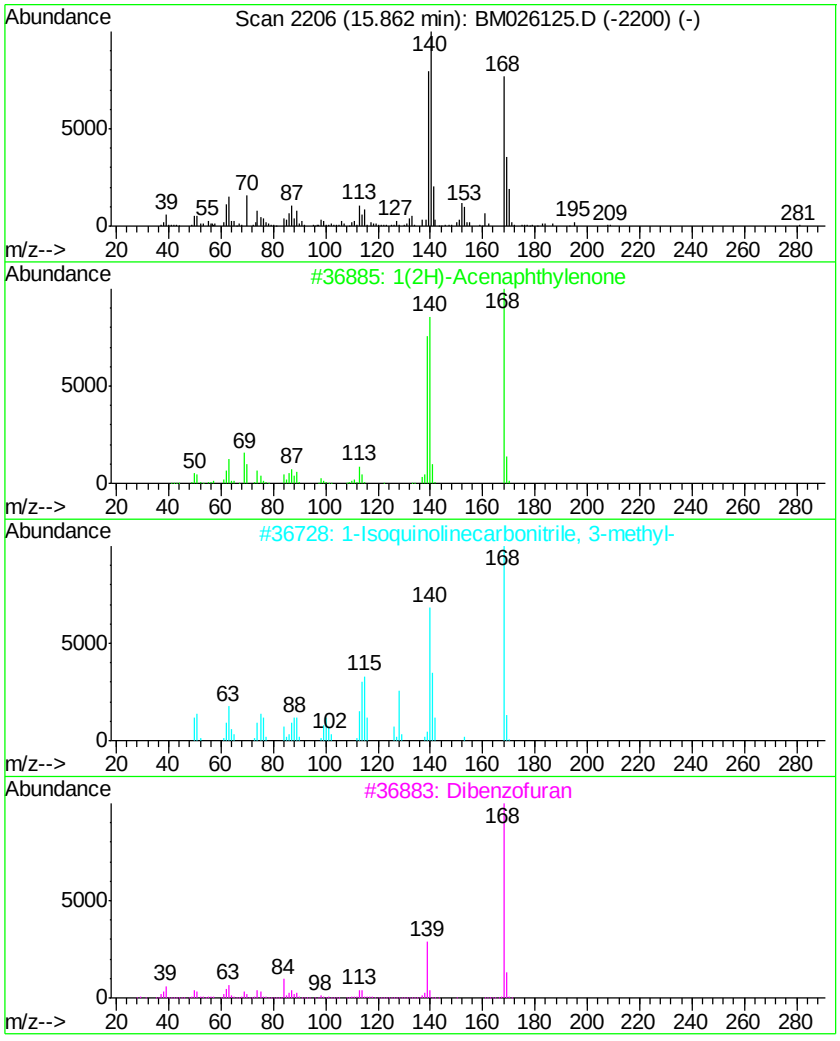
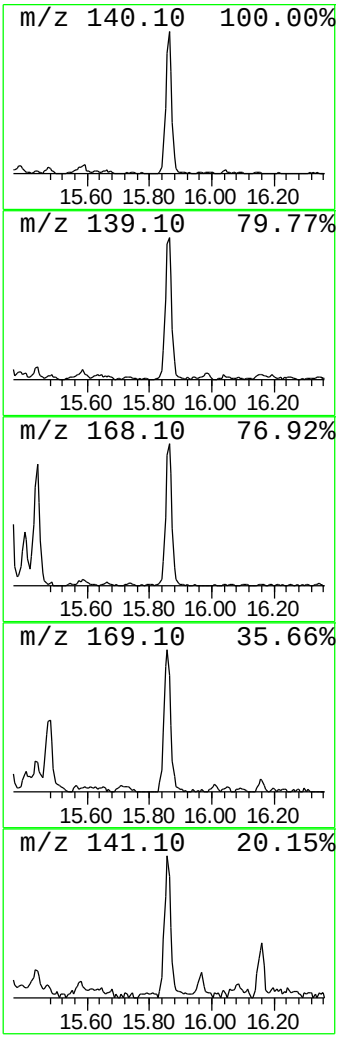
Peak Number 15 1(2H)-Acenaphthylenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.52 ng/ul	267527	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	92
2	1-Isoquinolinecarbonitrile, 3-me...	168	C11H8N2	022381-52-8	38
3	Dibenzofuran	168	C12H8O	000132-64-9	38
4	Benzene, 2,4-pentadiynyl-	140	C11H8	041268-41-1	35
5	Pyrimidine-4-carbonitrile, 2-chl...	139	C5H2ClN3	075833-38-4	25





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Sample : L2737-11DL 5X
Misc :
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Quant Title : SVOA CALIBRATION

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

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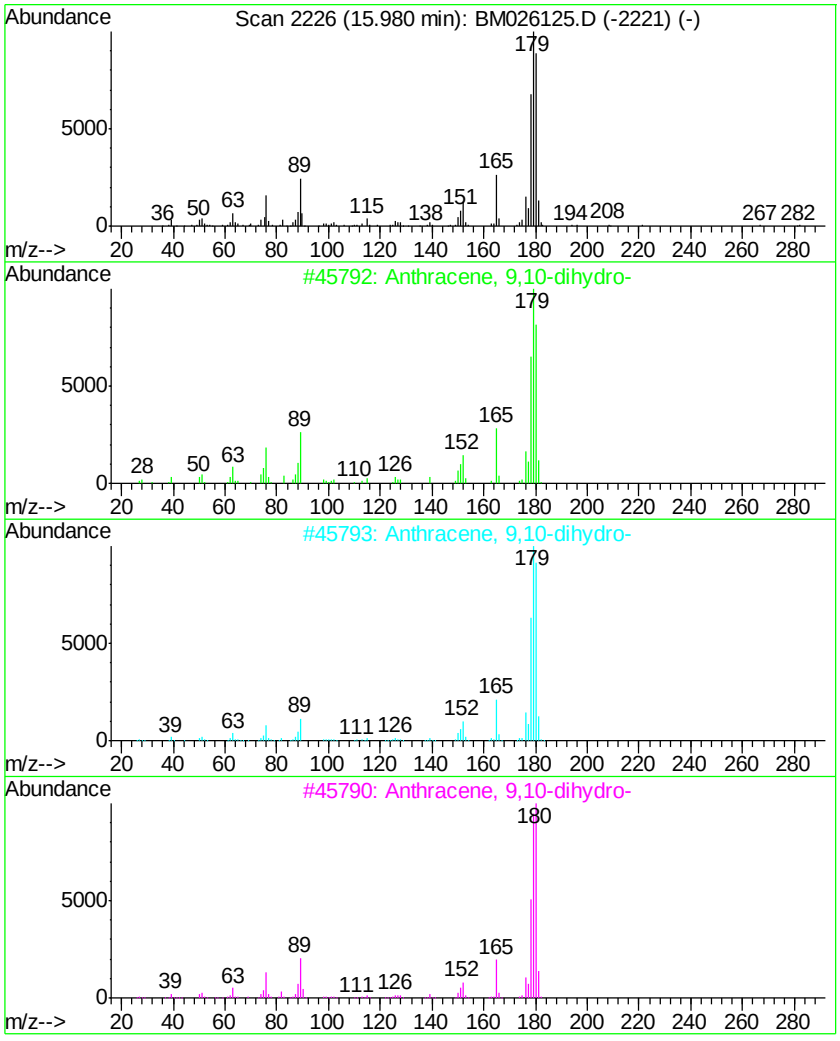
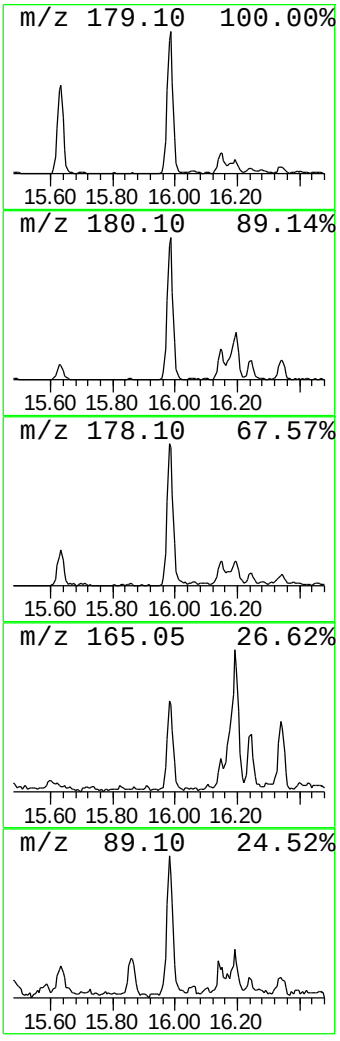
Peak Number 16 Anthracene, 9,10-dihydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	2.44 ng/ul	259403	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	93





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Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

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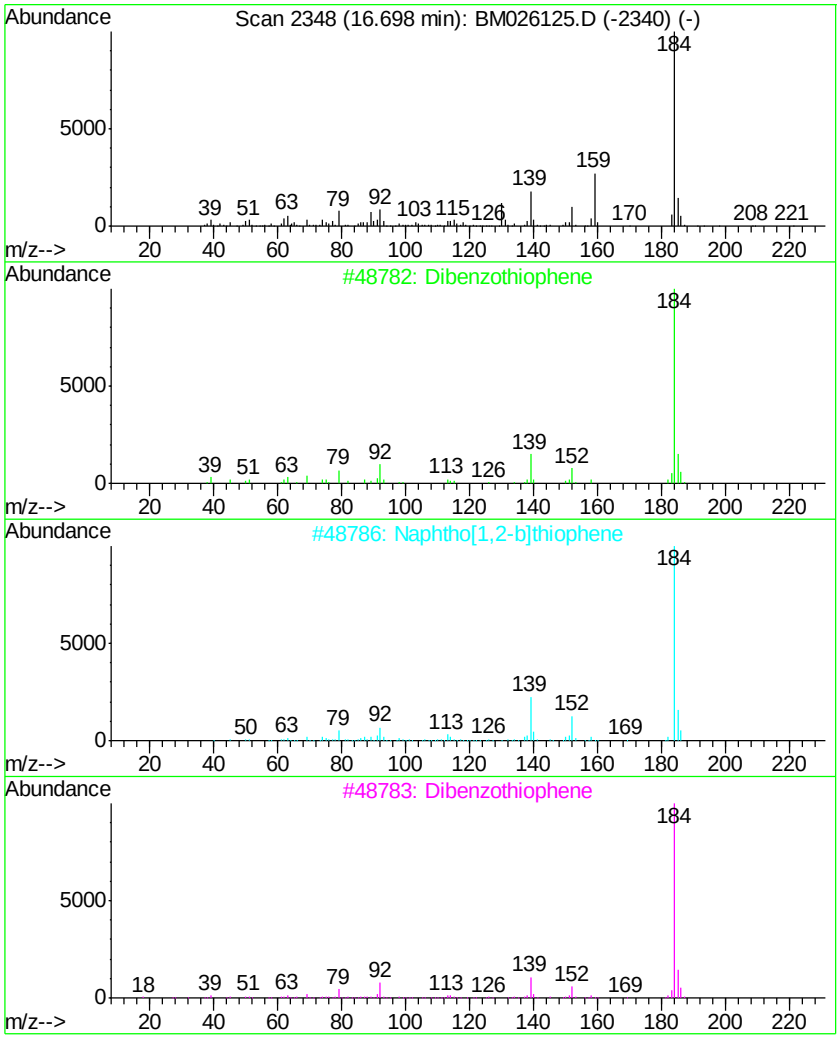
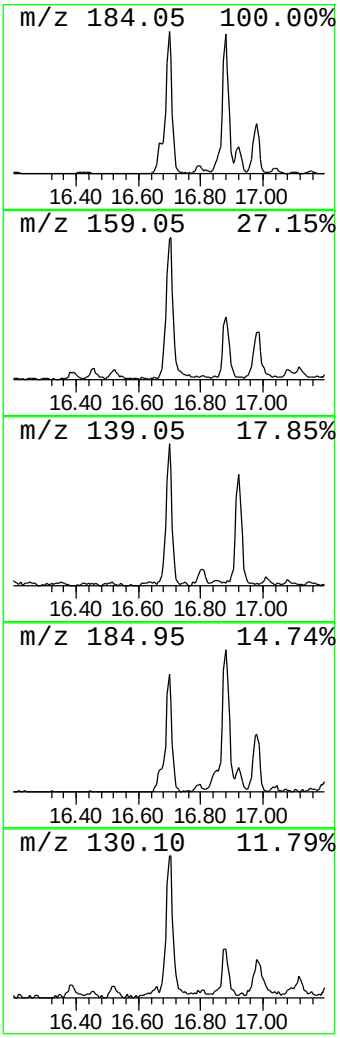
Peak Number 17 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	4.66 ng/ul	494627	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	89
3	Dibenzothiophene	184	C12H8S	000132-65-0	81
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	81
5	Dibenzothiophene	184	C12H8S	000132-65-0	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

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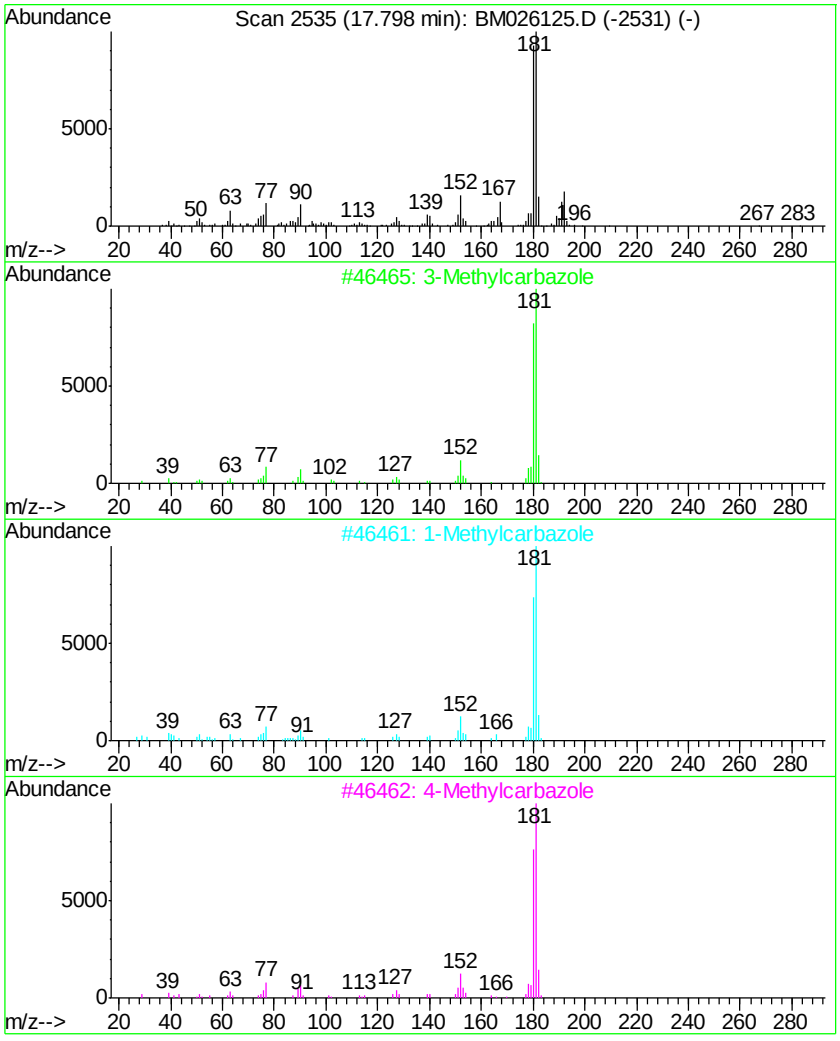
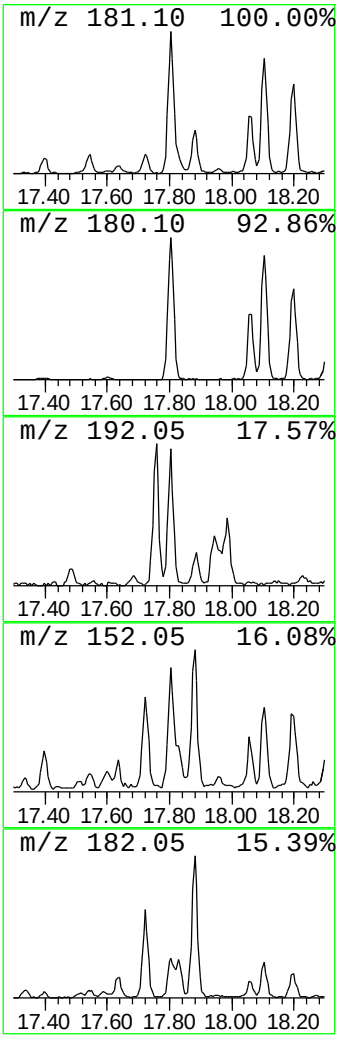
Peak Number 18 3-Methylcarbazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	3.25 ng/ul	345346	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	96
2	1-Methylcarbazole	181	C13H11N	006510-65-2	96
3	4-Methylcarbazole	181	C13H11N	003770-48-7	96
4	3-Methylcarbazole	181	C13H11N	004630-20-0	94
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

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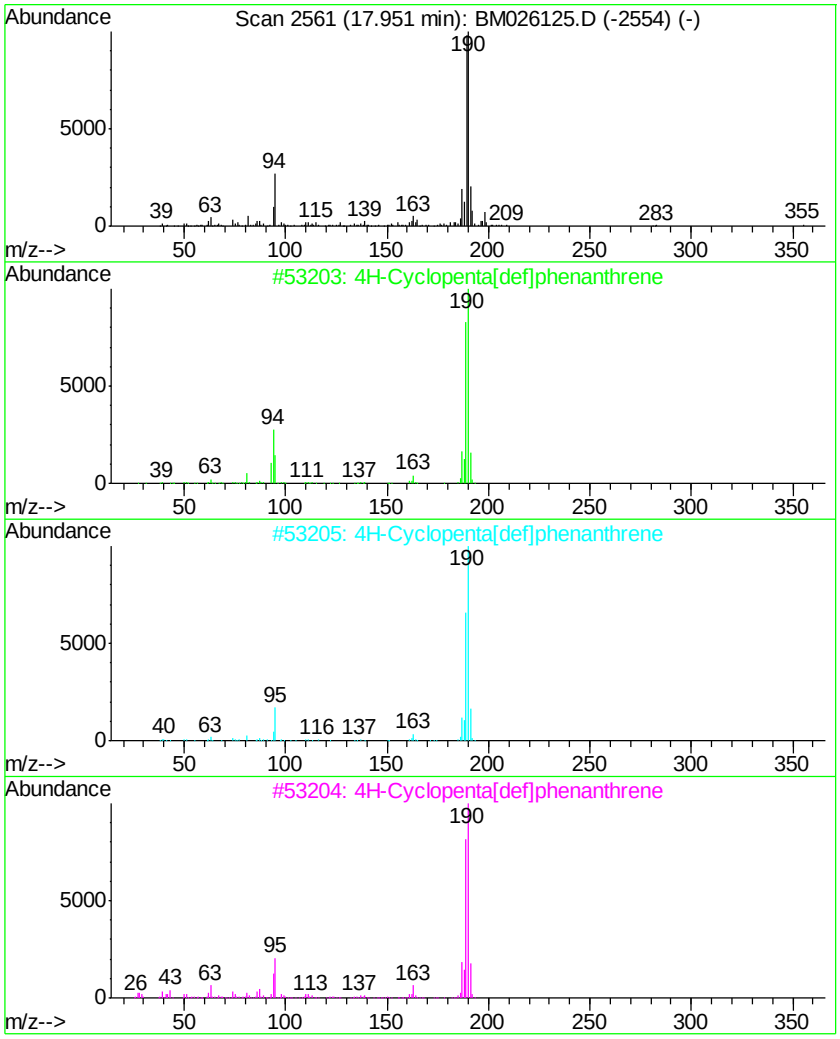
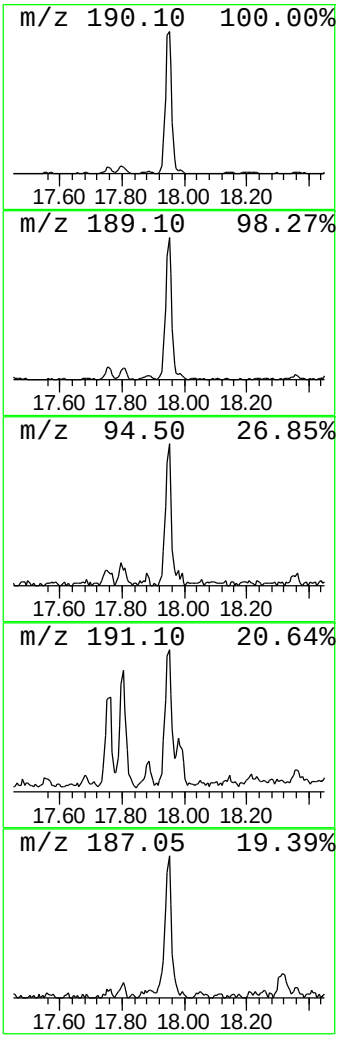
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.77 ng/ul	294661	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	96
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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

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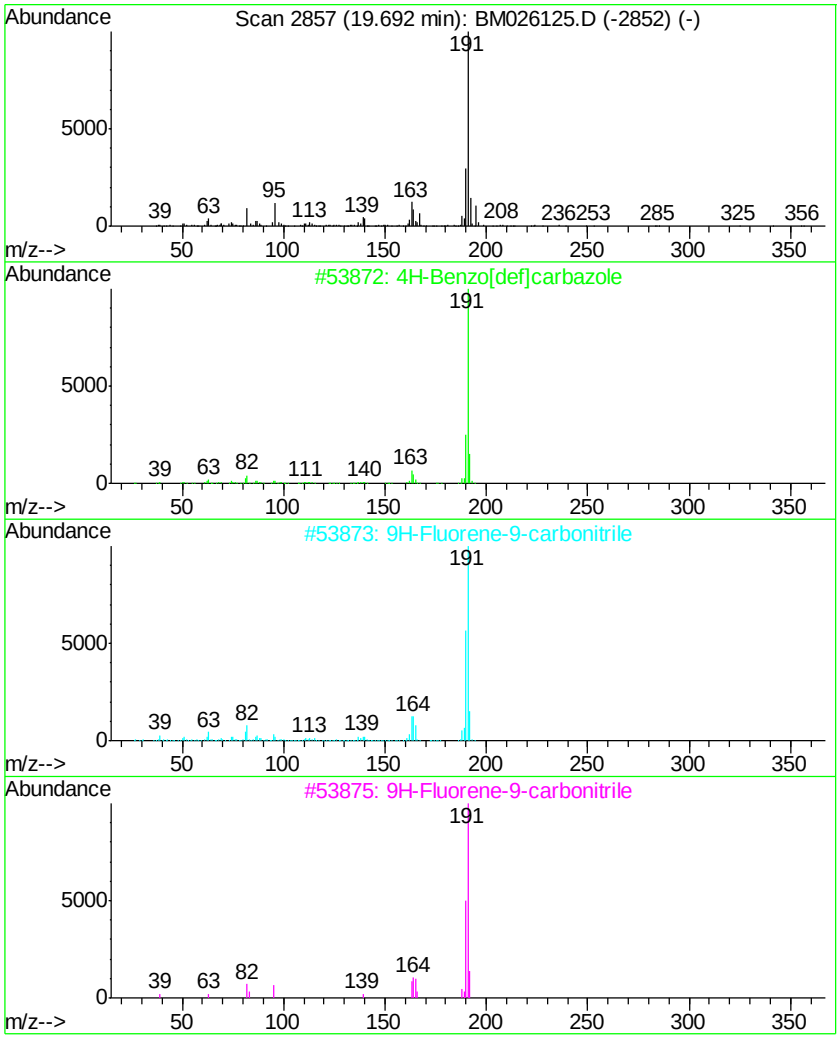
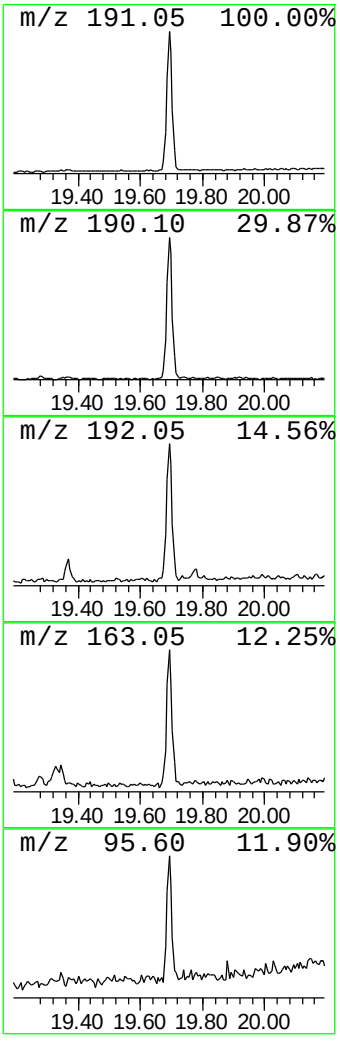
Peak Number 20 4H-Benzo[def]carbazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.45 ng/ul	310712	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	93
2	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	62
3	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	59
4	9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	58
5	1,2,3,6-Tetrahydropyridine, 4-[4...	191	C11H13NO2	090684-17-6	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B21DL

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
Benzene, 1-chloro...	6.48	25.9	ng/ul	1251900	1	7.49	966461	20.0
Indane	7.86	10.5	ng/ul	507055	1	7.49	966461	20.0
1H-Indene, 2,3-di...	9.66	3.6	ng/ul	256189	2	10.25	1415950	20.0
Benzo[b]thiophene	10.41	3.8	ng/ul	269213	2	10.25	1415950	20.0
unknown-01	11.65	2.3	ng/ul	161735	2	10.25	1415950	20.0
3-Methylbenzothio...	11.81	2.6	ng/ul	183656	2	10.25	1415950	20.0
Naphthalene, 1-me...	12.15	32.5	ng/ul	2301010	2	10.25	1415950	20.0
Naphthalene, 2,6-...	13.29	2.2	ng/ul	203677	3	14.13	1824160	20.0
Naphthalene, 2,3-...	13.45	6.1	ng/ul	553850	3	14.13	1824160	20.0
Naphthalene, 1,5-...	13.69	2.8	ng/ul	253364	3	14.13	1824160	20.0
Benzene, [1-(2,4-...	14.44	2.0	ng/ul	184123	3	14.13	1824160	20.0
unknown-02	15.35	3.5	ng/ul	316494	3	14.13	1824160	20.0
Dibenzofuran, 4-m...	15.49	2.5	ng/ul	227371	3	14.13	1824160	20.0
9H-Fluoren-9-ol	15.63	4.0	ng/ul	427649	4	16.88	2124270	20.0
1(2H)-Acenaphthyl...	15.86	2.5	ng/ul	267527	4	16.88	2124270	20.0
Anthracene, 9,10-...	15.98	2.4	ng/ul	259403	4	16.88	2124270	20.0
Dibenzothiophene	16.70	4.7	ng/ul	494627	4	16.88	2124270	20.0
3-Methylcarbazole	17.80	3.3	ng/ul	345346	4	16.88	2124270	20.0
4H-Cyclopenta[def...	17.95	2.8	ng/ul	294661	4	16.88	2124270	20.0
4H-Benzo[def]carb...	19.69	2.5	ng/ul	310712	5	21.08	2539690	20.0