LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025658.D
Acq On : 20 Mar 2020 12:41
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

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-BM031420MA.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	6.757	650	658	665	rVV	286051	442686	7.87%	0.559%
2	6.922	680	686	694	rVV	215879	327817	5.83%	0.414%
3	7.116	711	719	725	rBV	281200	426145	7.58%	0.538%
4	7.575	791	797	805	rBV	537119	830311	14.76%	1.049%
5	8.281	911	917	928	rVV	361001	556592	9.90%	0.703%
6	8.716	980	991	1002	rVV	276382	475897	8.46%	0.601%
7	9.434	1105	1113	1121	rBV	209543	332407	5.91%	0.420%
8	9.969	1196	1204	1215	rBV	365168	583750	10.38%	0.737%
9	10.345	1260	1268	1272	rBV	724035	1205348	21.43%	1.523%
10	10.392	1272	1276	1283	rVB	945922	1494696	26.58%	1.888%
11	10.481	1285	1291	1299	rBV	344244	628081	11.17%	0.793%
12	12.016	1544	1552	1560	rVB	691859	1107922	19.70%	1.400%
13	12.233	1577	1589	1596	rBV	439431	703732	12.51%	0.889%
14	13.045	1721	1727	1735	rBV	203616	299509	5.33%	0.378%
15	13.239	1755	1760	1769	rVB	86887	159735	2.84%	0.202%
16	13.374	1776	1783	1785	rBV	185564	287403	5.11%	0.363%
17	13.539	1802	1811	1815	rBV	288339	493243	8.77%	0.623%
18	13.592	1815	1820	1823	rBV	170442	235216	4.18%	0.297%
19	13.633	1823	1827	1832	rVB	671885	852644	15.16%	1.077%
20	13.774	1846	1851	1854	rBV	144030	196478	3.49%	0.248%
21	13.904	1867	1873	1877	rBV	741894	1139872	20.27%	1.440%
22	14.216	1918	1926	1932	rVV	1105762	1716408	30.52%	2.168%
23	14.280	1932	1937	1946	rVV	851587	1276794	22.70%	1.613%
24	14.421	1956	1961	1973	rVV2	250872	457078	8.13%	0.577%
25	14.527	1973	1979	1984	rVV2	69725	114923	2.04%	0.145%
26	14.616	1984	1994	2004	rVV	818786	1251764	22.26%	1.581%
27	14.704	2004	2009	2013	rVV	89864	127492	2.27%	0.161%
28	14.845	2026	2033	2038	rBV2	66327	113540	2.02%	0.143%
29	14.898	2038	2042	2047	rVB	86187	112088	1.99%	0.142%
30	15.216	2090	2096	2100	rVV	1030641	1501572	26.70%	1.897%
31	15.268	2100	2105	2110	rVV	1436293	1949802	34.67%	2.463%
32	15.333	2110	2116	2120	rVV2	213009	341114	6.07%	0.431%
33	15.392	2124	2126	2129	rVV	104351	131584	2.34%	0.166%
34	15.433	2129	2133	2137	rVV	186375	272751	4.85%	0.345%

LSC Area Percent Report

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Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

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-BM031420MA.M
Title : SVOA CALIBRATION

35	15.515	2144	2147	2151	rVV	109550	157985	2.81%	0.200%
36	15.568	2151	2156	2166	rVB	258311	410685	7.30%	0.519%
37	15.710	2176	2180	2189	rVB	284179	582734	10.36%	0.736%
38	15.804	2189	2196	2201	rBV3	57904	111940	1.99%	0.141%
39	15.939	2211	2219	2226	rBV	200748	314349	5.59%	0.397%
40	16.063	2234	2240	2247	rBV4	75331	132021	2.35%	0.167%
41	16.274	2264	2276	2281	rBV2	196440	419807	7.46%	0.530%
42	16.321	2281	2284	2290	rVB	91193	115983	2.06%	0.147%
43	16.421	2296	2301	2306	rVB2	91135	152074	2.70%	0.192%
44	16.545	2319	2322	2325	rVB3	99963	110343	1.96%	0.139%
45	16.704	2343	2349	2355	rBV2	123213	303862	5.40%	0.384%
46	16.780	2355	2362	2366	rVV	240116	438192	7.79%	0.554%
47	16.962	2387	2393	2396	rVV	1371442	1949664	34.67%	2.463%
48	17.004	2396	2400	2405	rVV	4203376	5624089	100.00%	7.105%
49	17.057	2405	2409	2412	rVV	1062982	1595118	28.36%	2.015%
50	17.092	2412	2415	2422	rVV	2775235	3704943	65.88%	4.680%
51	17.157	2422	2426	2433	rVV2	95239	165989	2.95%	0.210%
52	17.362	2456	2461	2466	rVV	570398	769682	13.69%	0.972%
53	17.486	2479	2482	2488	rBV2	92672	132706	2.36%	0.168%
54	17.839	2536	2542	2545	rVV	422936	588609	10.47%	0.744%
55	17.886	2545	2550	2557	rVB	607727	863705	15.36%	1.091%
56	17.962	2557	2563	2568	rBV	320255	464188	8.25%	0.586%
57	18.033	2568	2575	2578	rVV2	724552	1215789	21.62%	1.536%
58	18.062	2578	2580	2588	rVB	262053	354304	6.30%	0.448%
59	18.345	2623	2628	2632	rBV	322849	429981	7.65%	0.543%
60	18.645	2674	2679	2682	rBV	87062	119137	2.12%	0.151%
61	18.762	2693	2699	2704	rBV	174986	320718	5.70%	0.405%
62	18.827	2704	2710	2713	rVV5	152299	333877	5.94%	0.422%
63	18.898	2718	2722	2731	rVV3	90796	196886	3.50%	0.249%
64	19.027	2737	2744	2751	rVV	4070779	5387310	95.79%	6.806%
65	19.174	2765	2769	2773	rVV	106910	145101	2.58%	0.183%
66	19.268	2781	2785	2792	rVV2	112443	206936	3.68%	0.261%
67	19.356	2792	2800	2802	rVV	2040086	2790448	49.62%	3.525%
68	19.386	2802	2805	2814	rVV	2816696	3725957	66.25%	4.707%
69	19.462	2814	2818	2826	rVB2	159189	264666	4.71%	0.334%
70	19.568	2832	2836	2843	rBV	239729	309058	5.50%	0.390%
71	19.727	2854	2863	2868	rBV4	209857	559196	9.94%	0.706%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

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-BM031420MA.M
Title : SVOA CALIBRATION

72	19.851	2880	2884	2886	rBV2	162406	238364	4.24%	0.301%
73	19.886	2886	2890	2895	rVB	721440	998295	17.75%	1.261%
74	19.992	2903	2908	2912	rBV2	684300	915642	16.28%	1.157%
75	20.045	2912	2917	2922	rVV2	310659	510090	9.07%	0.644%
76	20.186	2937	2941	2944	rVV	117419	153029	2.72%	0.193%
77	20.233	2944	2949	2958	rVB2	147237	288805	5.14%	0.365%
78	20.515	2994	2997	3002	rVB3	75597	127949	2.28%	0.162%
79	20.603	3007	3012	3016	rBV4	106550	221435	3.94%	0.280%
80	20.645	3016	3019	3025	rVB3	67182	129376	2.30%	0.163%
81	20.803	3041	3046	3049	rBV	160725	220976	3.93%	0.279%
82	20.839	3049	3052	3056	rBV	217832	258977	4.60%	0.327%
83	20.880	3056	3059	3066	rVV3	123879	250154	4.45%	0.316%
84	21.150	3098	3105	3109	rBV2	2665819	4912205	87.34%	6.206%
85	21.192	3109	3112	3120	rVB	1329540	1667398	29.65%	2.106%
86	21.309	3129	3132	3135	rBV	100480	143106	2.54%	0.181%
87	21.415	3146	3150	3154	rVB2	116705	166596	2.96%	0.210%
88	21.462	3154	3158	3164	rBV3	155418	252699	4.49%	0.319%
89	21.697	3194	3198	3202	rVB	254819	340275	6.05%	0.430%
90	21.744	3203	3206	3208	rBV2	115425	117645	2.09%	0.149%
91	21.886	3227	3230	3232	rBV2	113889	137980	2.45%	0.174%
92	21.915	3232	3235	3241	rVB4	196000	261718	4.65%	0.331%
93	22.215	3283	3286	3291	rVB2	190327	241268	4.29%	0.305%
94	22.674	3358	3364	3367	rBV	859202	1739918	30.94%	2.198%
95	22.833	3387	3391	3399	rVB	184330	295936	5.26%	0.374%
96	23.127	3436	3441	3444	rBV	363086	619583	11.02%	0.783%
97	23.174	3444	3449	3453	rVV	1143949	1976024	35.14%	2.496%
98	23.215	3453	3456	3465	rVB2	690623	1343326	23.89%	1.697%
99	23.309	3465	3472	3477	rBV	1498904	2682696	47.70%	3.389%
100	23.856	3562	3565	3572	rVB	191683	331294	5.89%	0.419%

Sum of corrected areas: 79157185

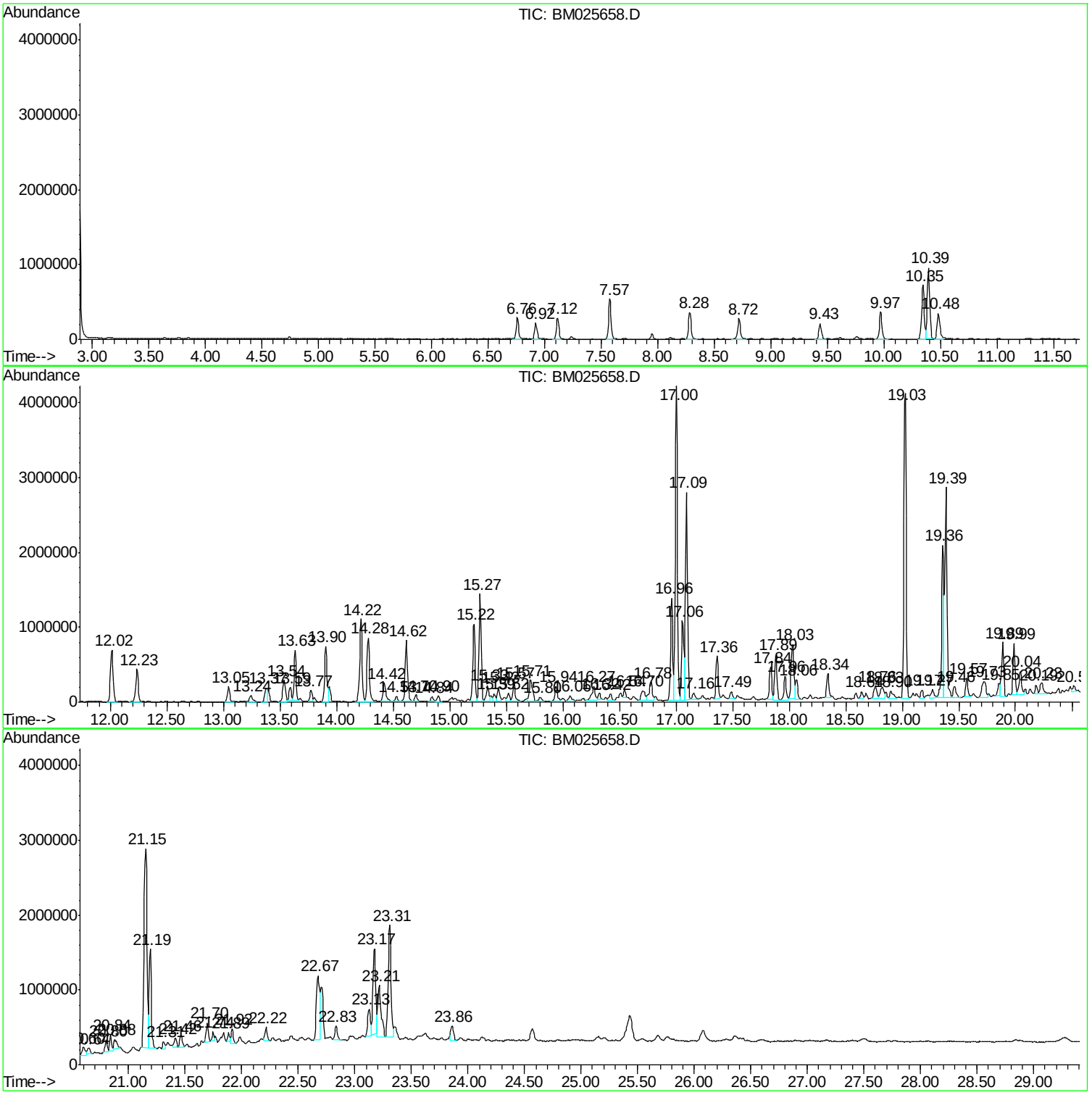
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025658.D
Acq On : 20 Mar 2020 12:41
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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\BM032020\
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ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

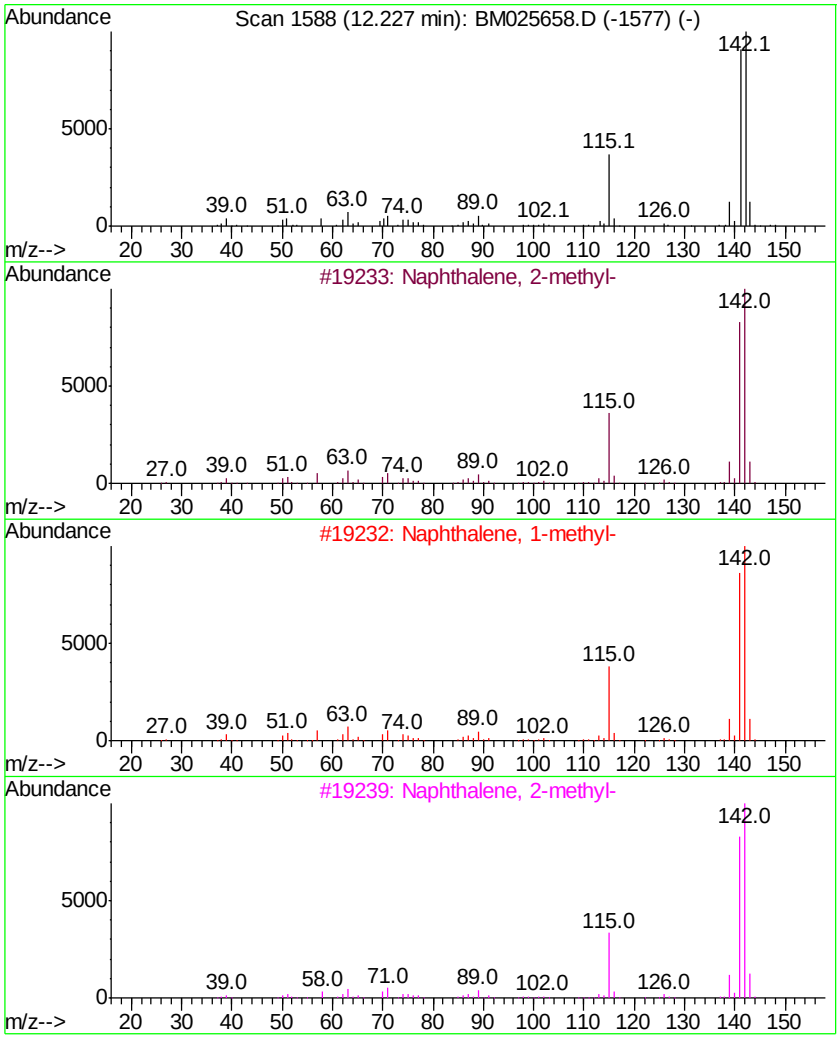
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

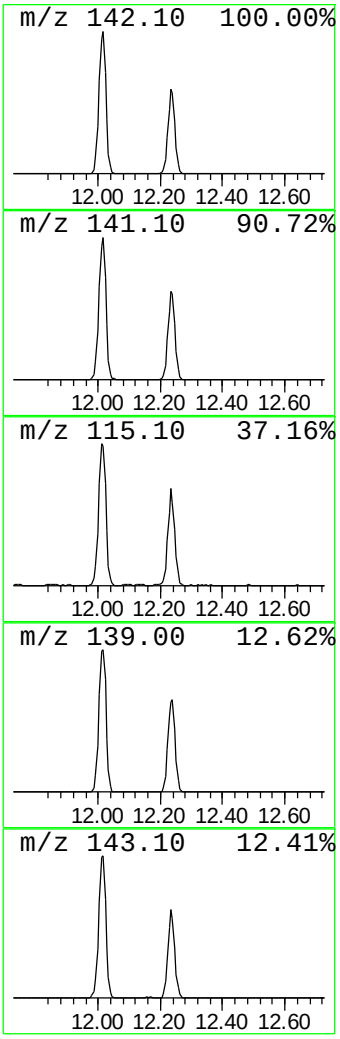
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	11.68 ng/ul	703732	Naphthalene-d8	10.35

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

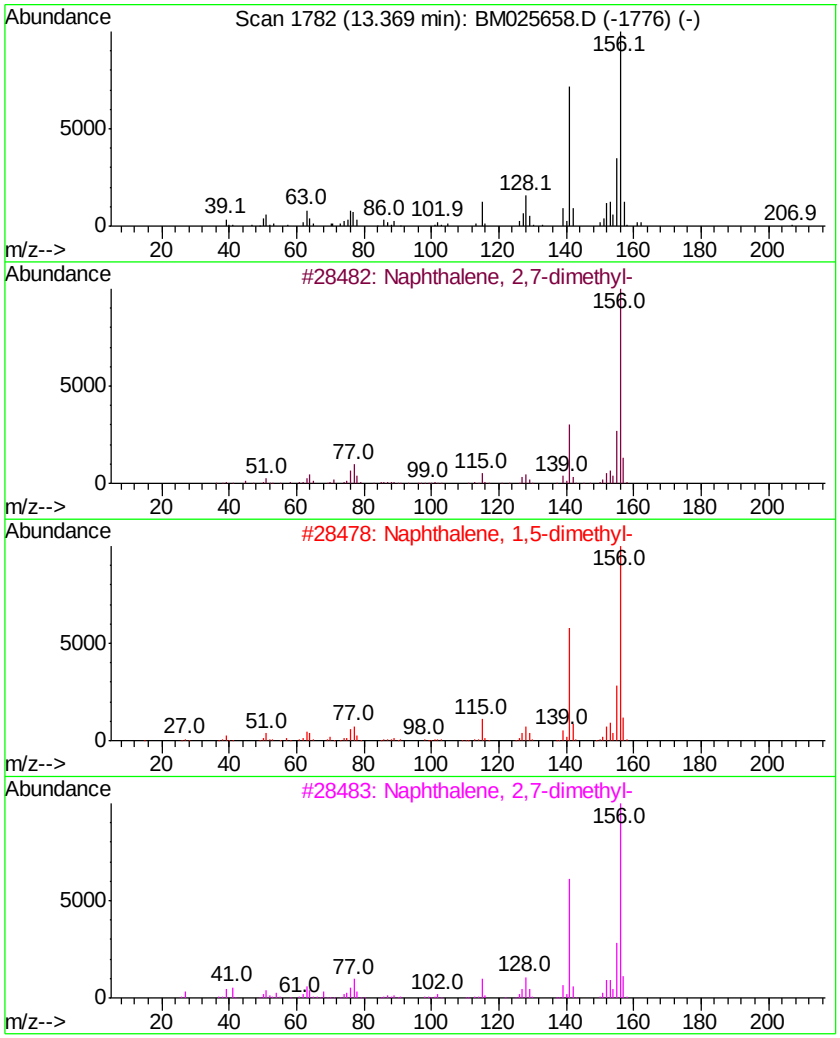
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

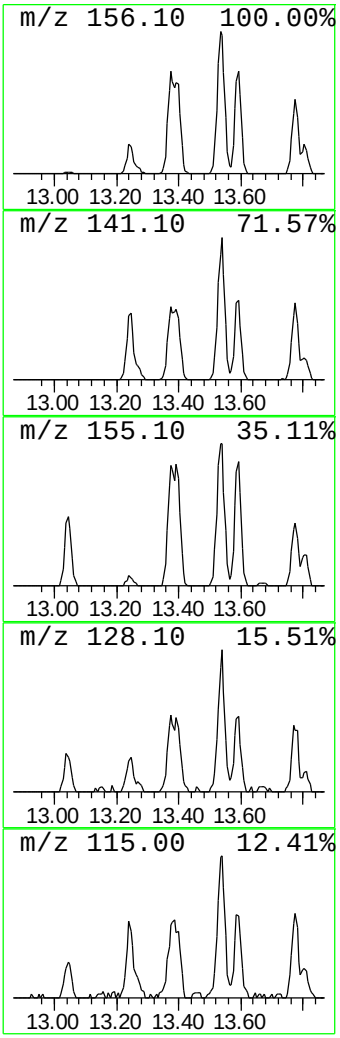
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.35 ng/ul	287403	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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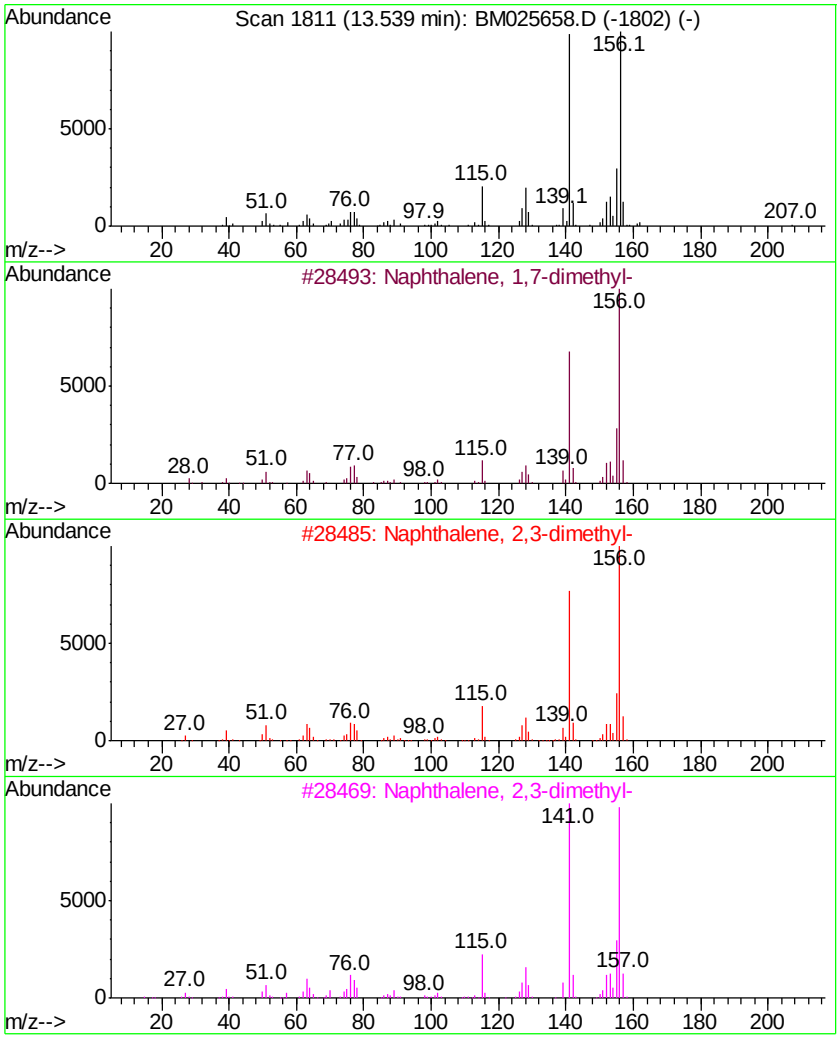
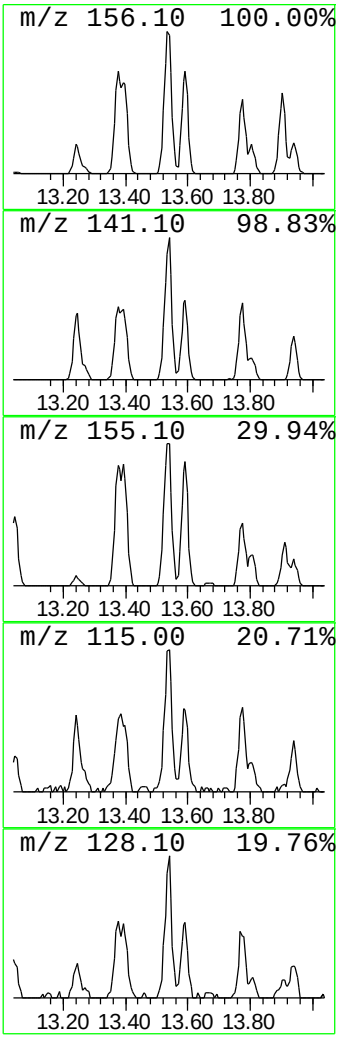
Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	5.75 ng/ul	493243	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Library Search Compound Report

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Data File : BM025658.D
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Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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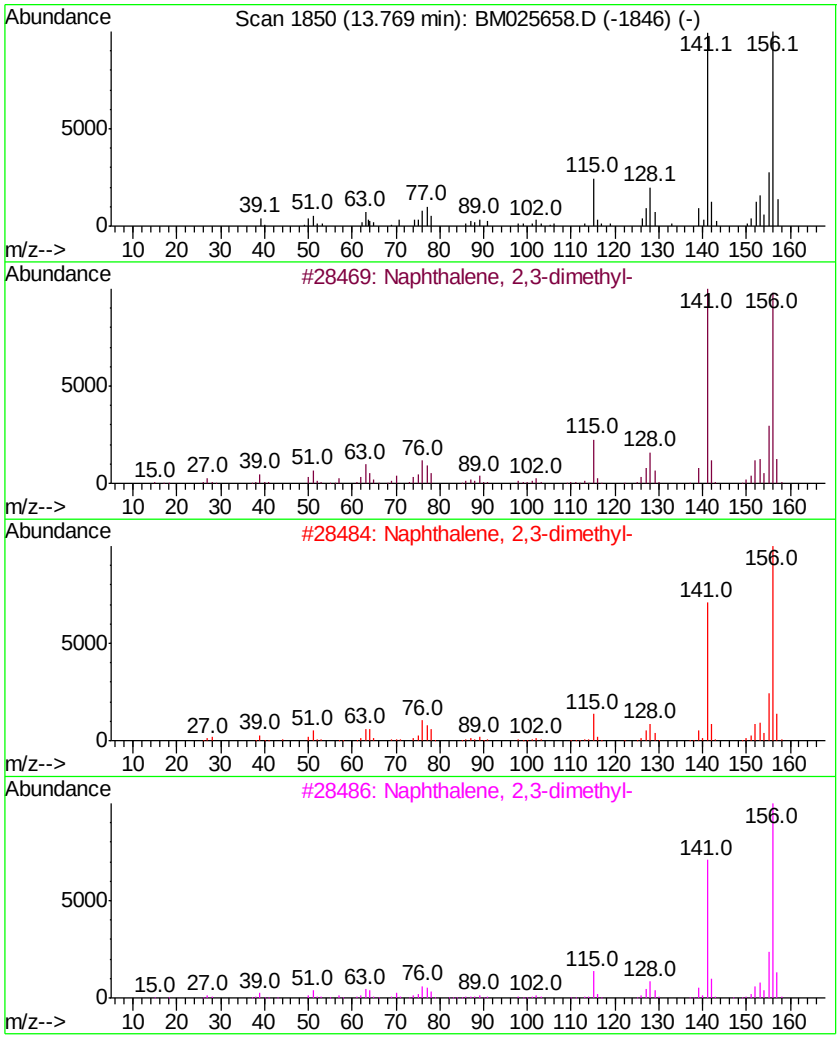
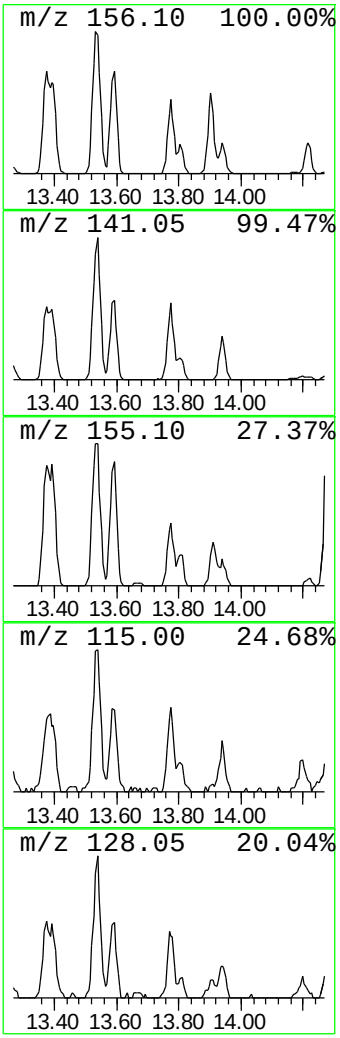
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.29 ng/ul	196478	Acenaphthene-d10	14.22

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	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

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Data File : BM025658.D
Acq On : 20 Mar 2020 12:41
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

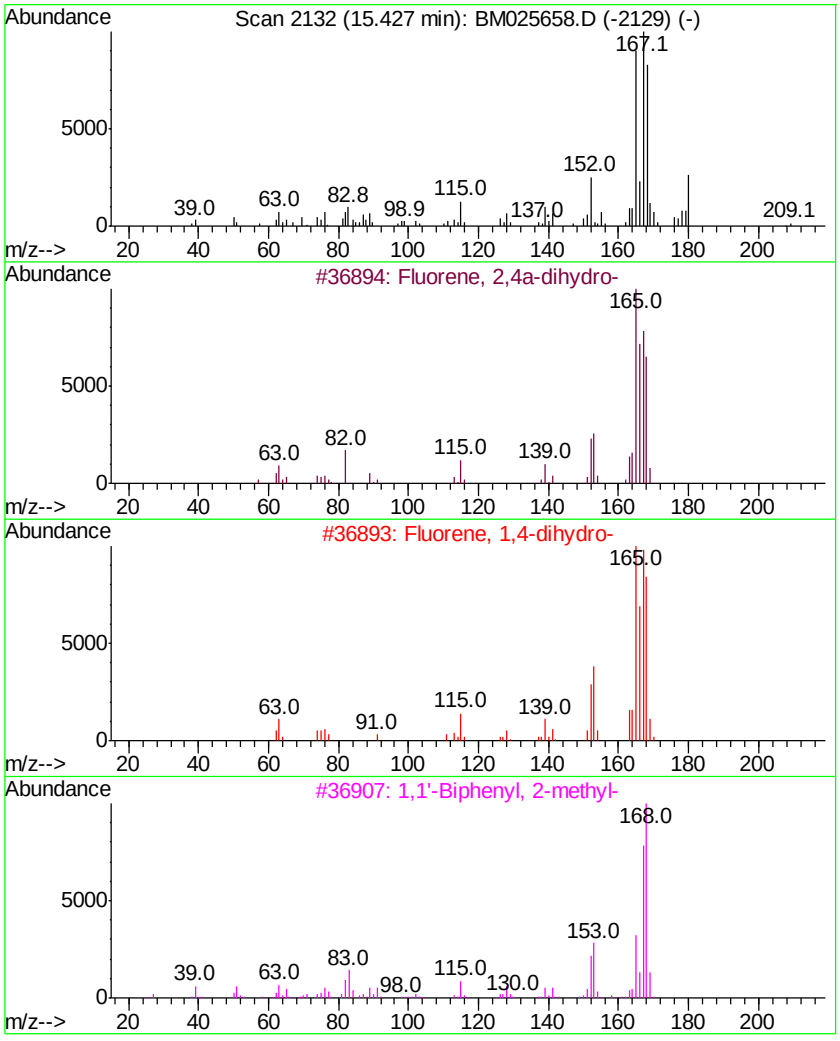
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

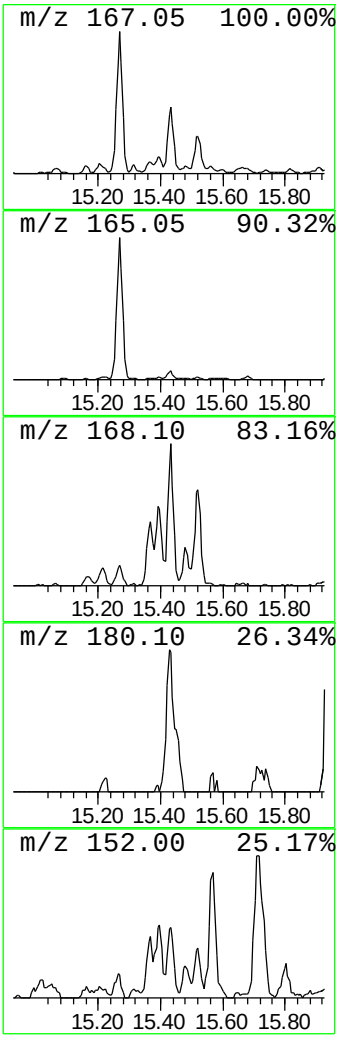
****

Peak Number 5 Fluorene, 2,4a-dihydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	3.18 ng/ul	272751	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	78
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	78
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
4	Diphenylmethane	168	C13H12	000101-81-5	53
5	Diphenylmethane	168	C13H12	000101-81-5	53





Library Search Compound Report

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Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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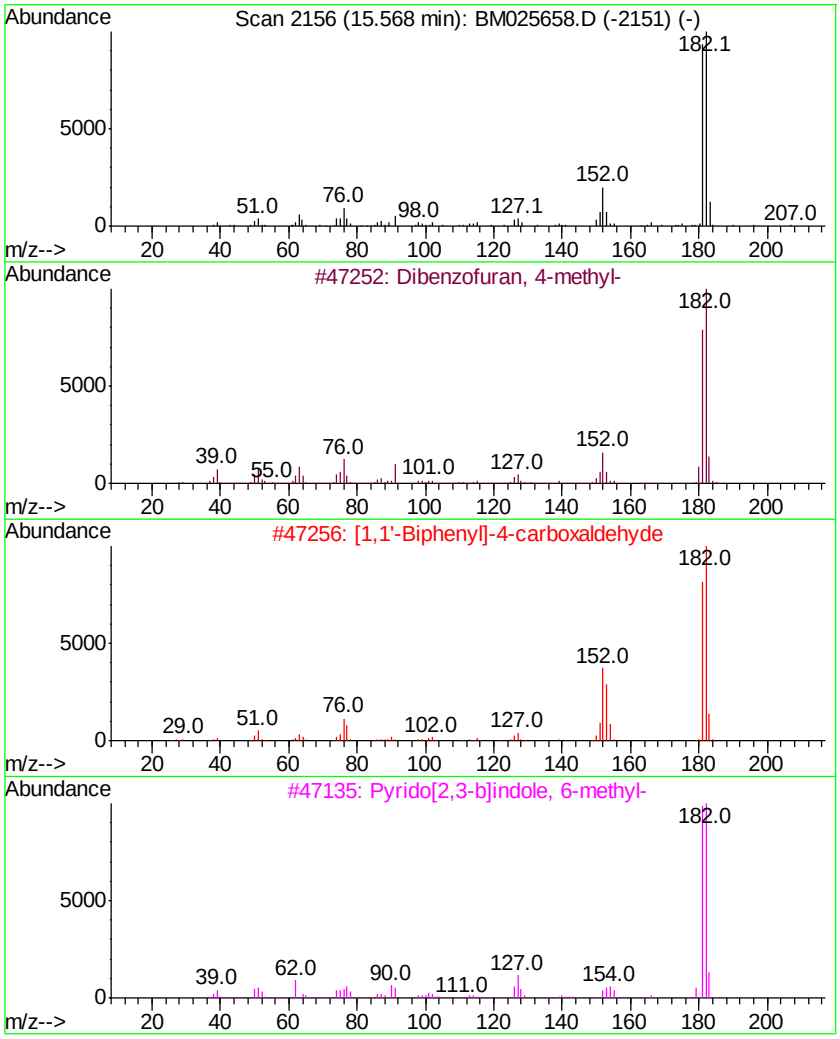
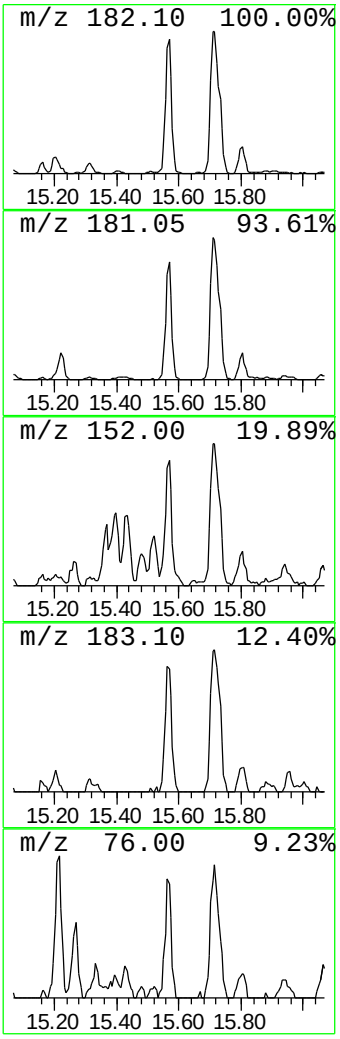
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	4.79 ng/ul	410685	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	80
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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Instrument : BNA_M
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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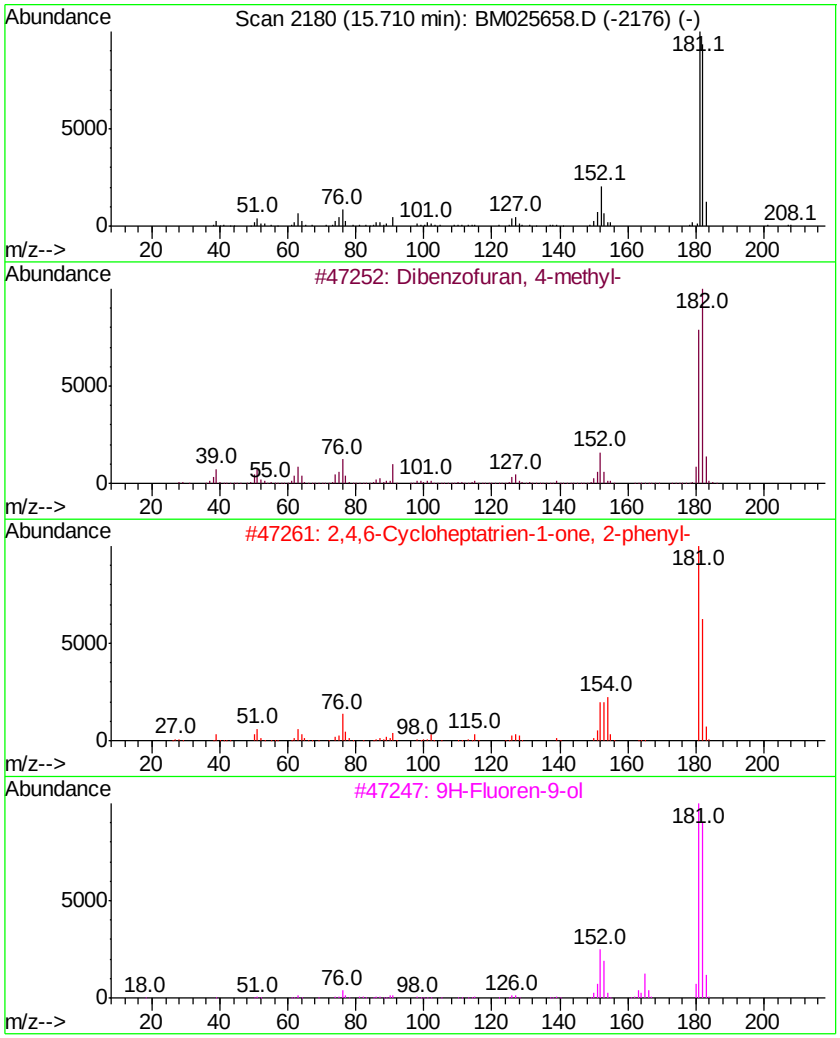
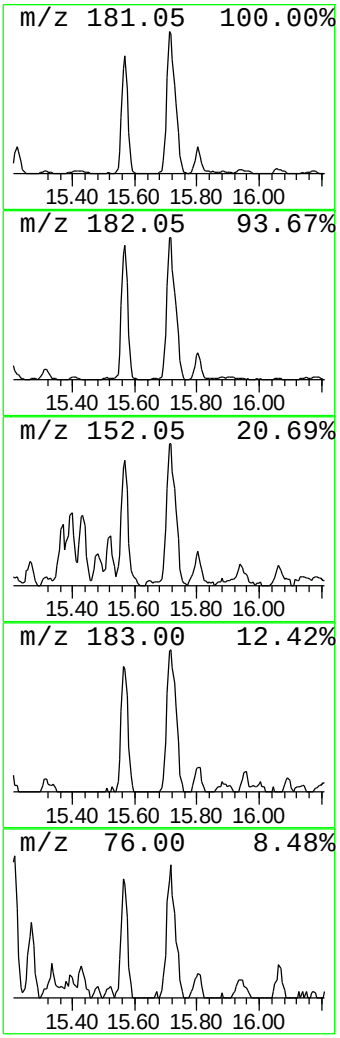
Peak Number 7 2,4,6-Cycloheptatrien-1-one... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	5.98 ng/ul	582734	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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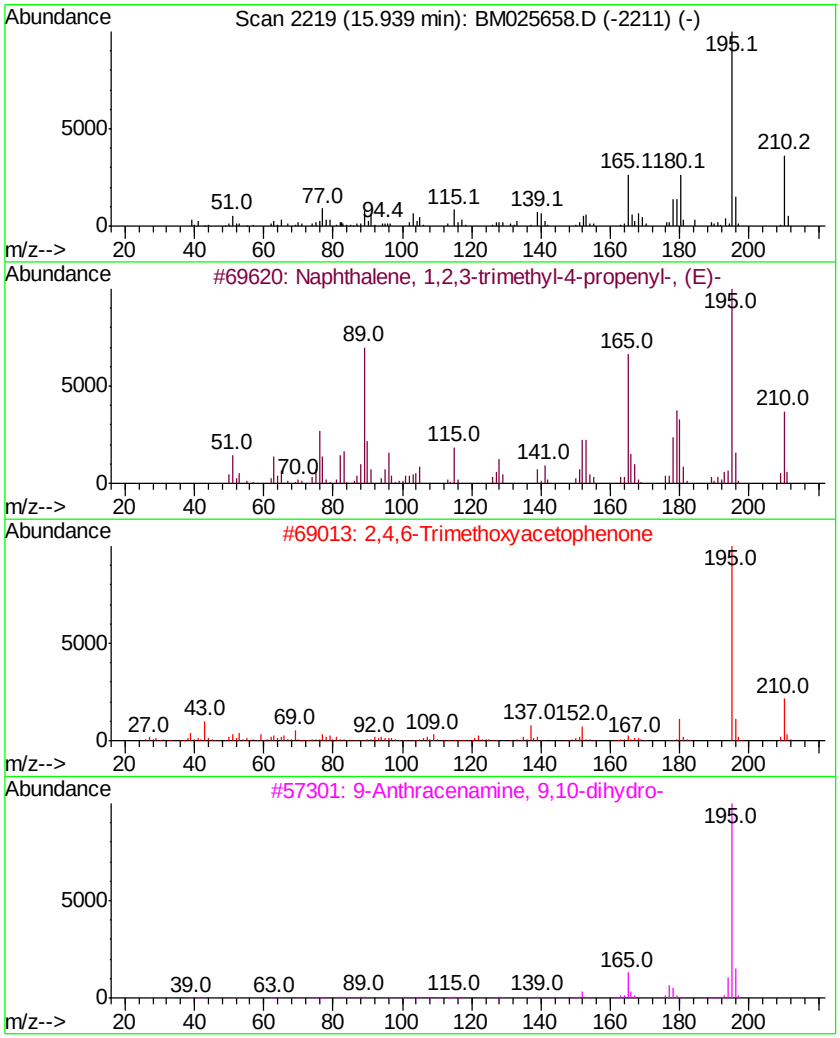
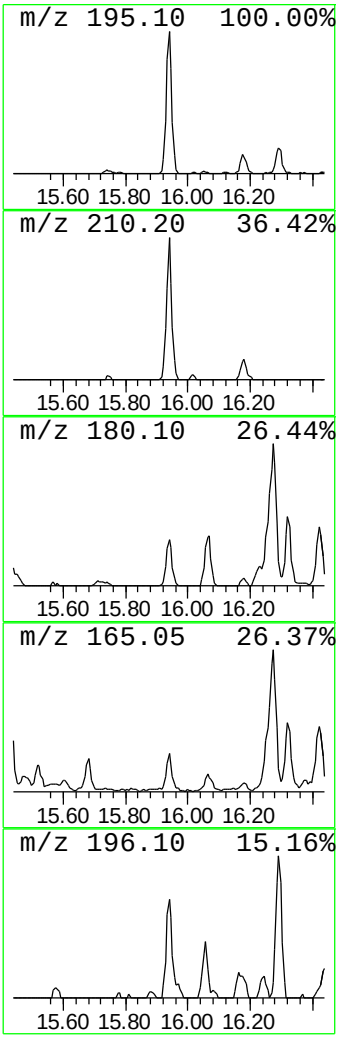
Peak Number 8 Naphthalene, 1,2,3-trimethy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.22 ng/ul	314349	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	74
2	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	53
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	52
4	Carbazole, 3,6-dimethyl-	195	C14H13N	005599-50-8	52
5	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	49





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ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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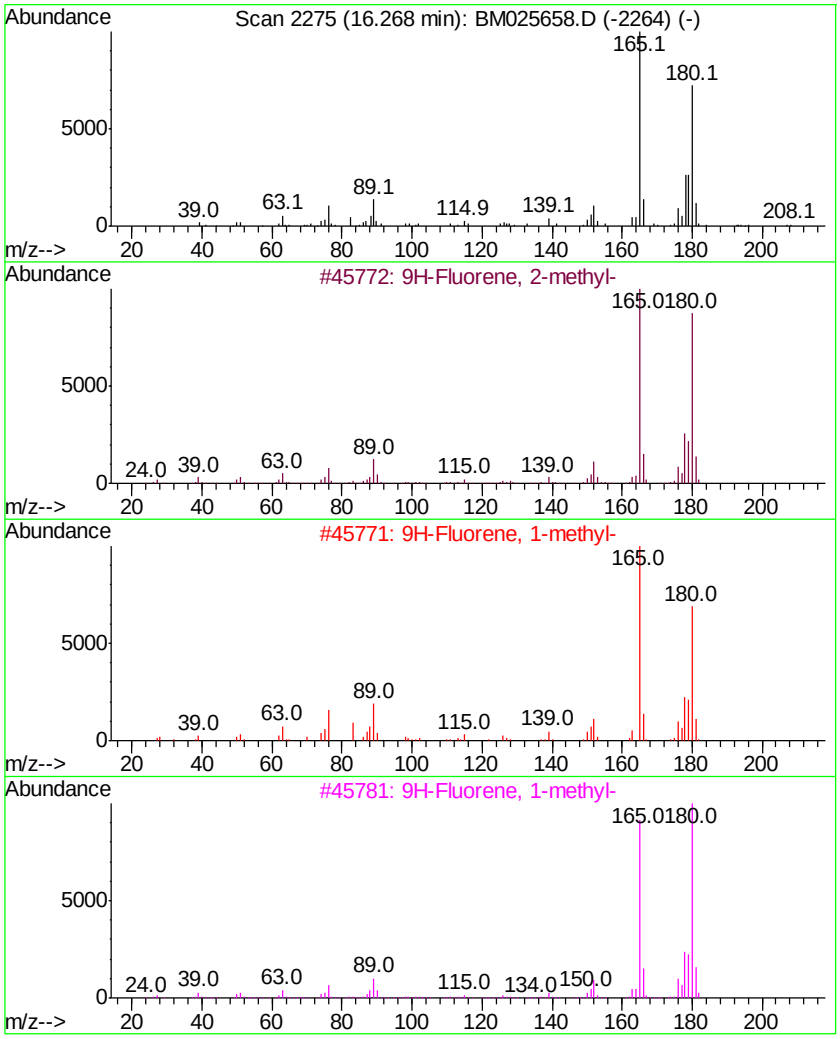
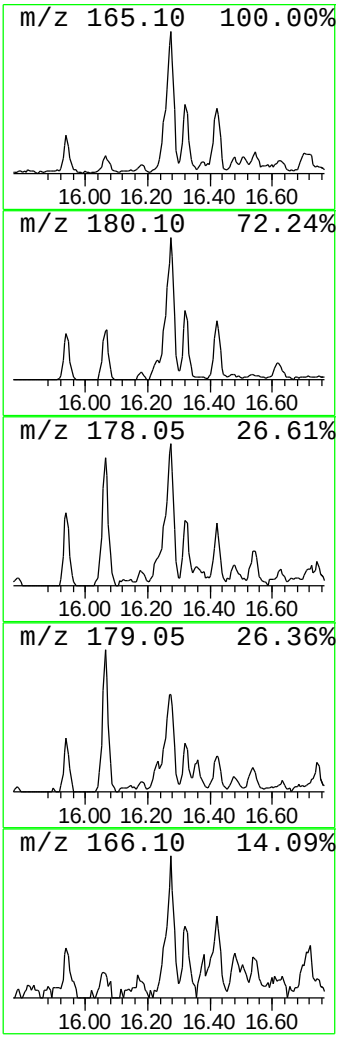
Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	4.31 ng/ul	419807	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93





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Quant Title : SVOA CALIBRATION

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

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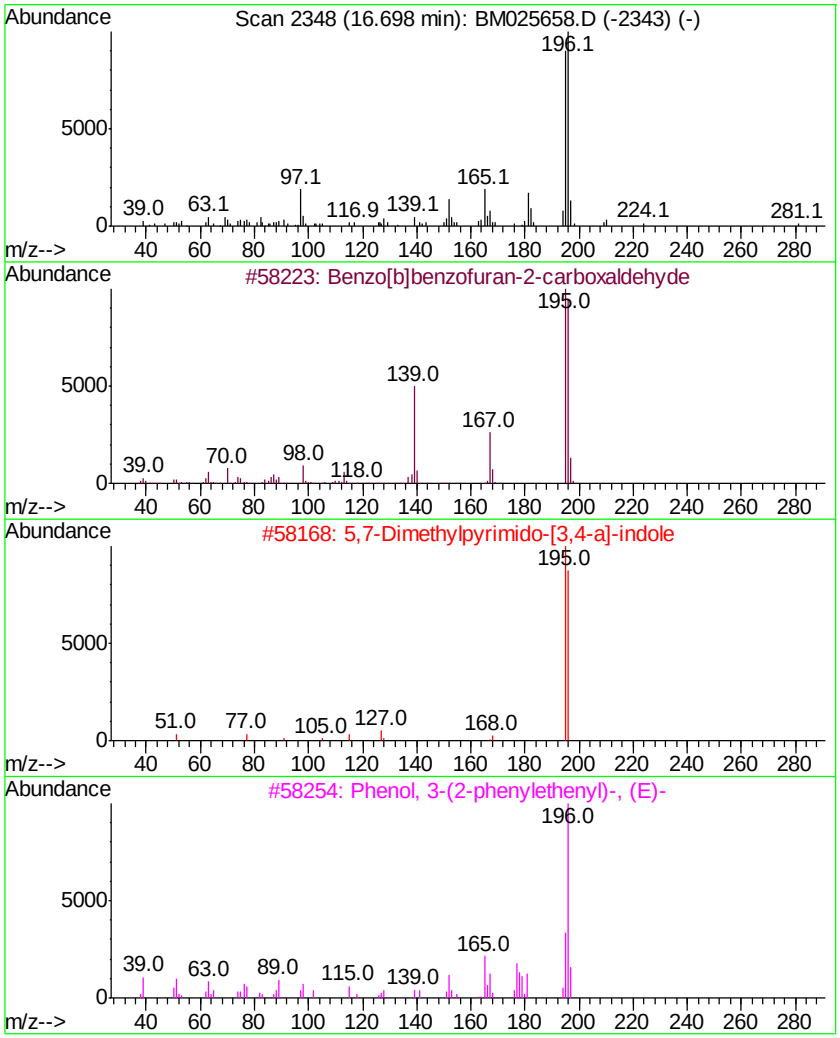
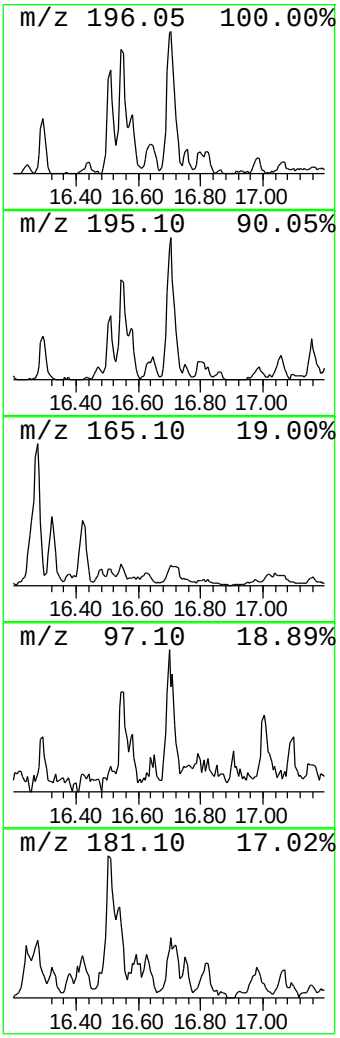
Peak Number 10 Benzo[b]benzofuran-2-carbox... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	3.12 ng/ul	303862	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	50
2	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	47
5	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	43





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Quant Title : SVOA CALIBRATION

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

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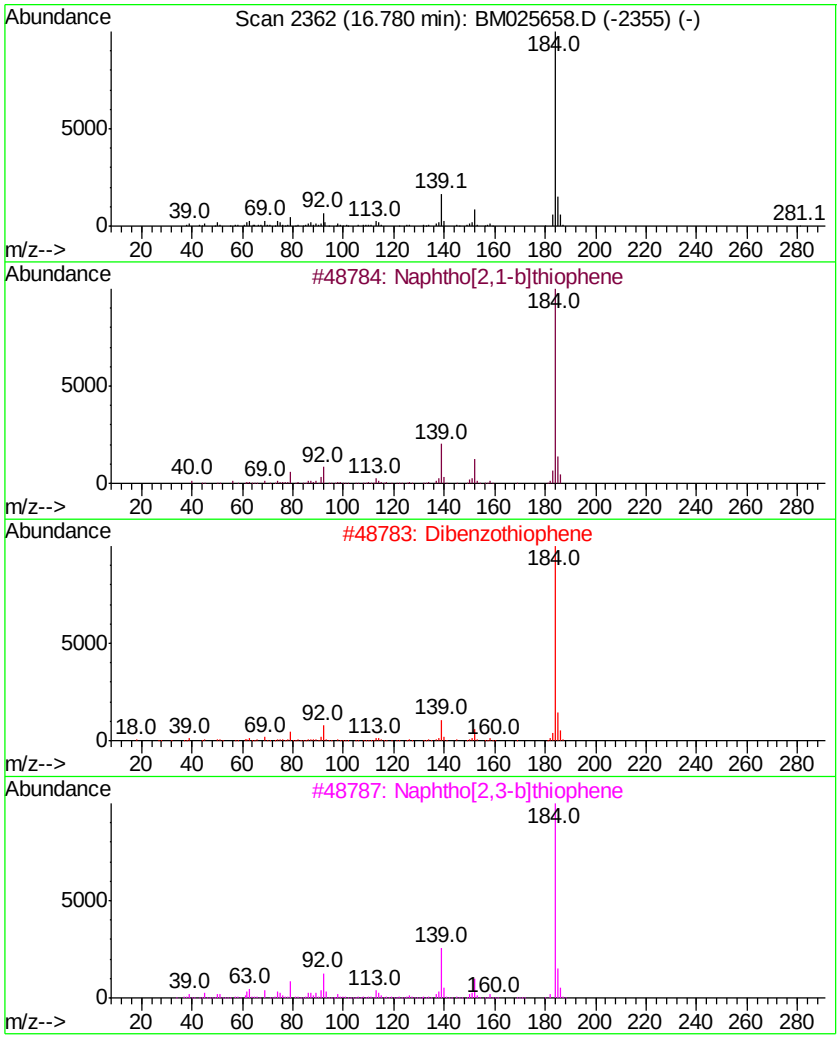
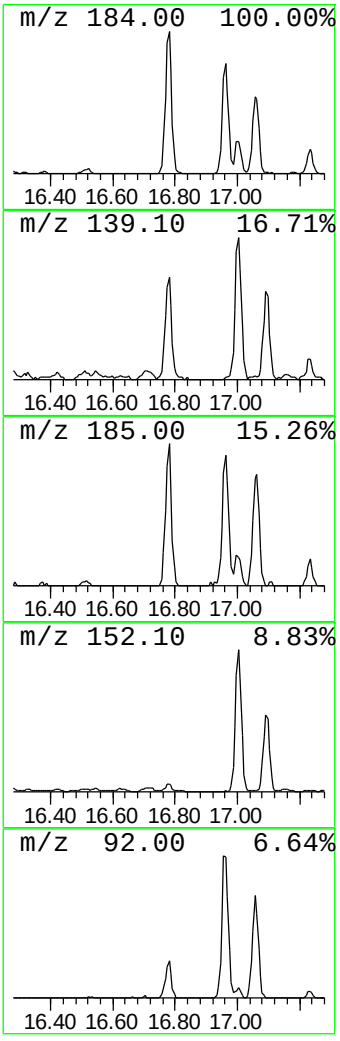
Peak Number 11 Naphtho[2,1-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	4.50 ng/ul	438192	Phenanthrene-d10	16.96

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





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Quant Title : SVOA CALIBRATION

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

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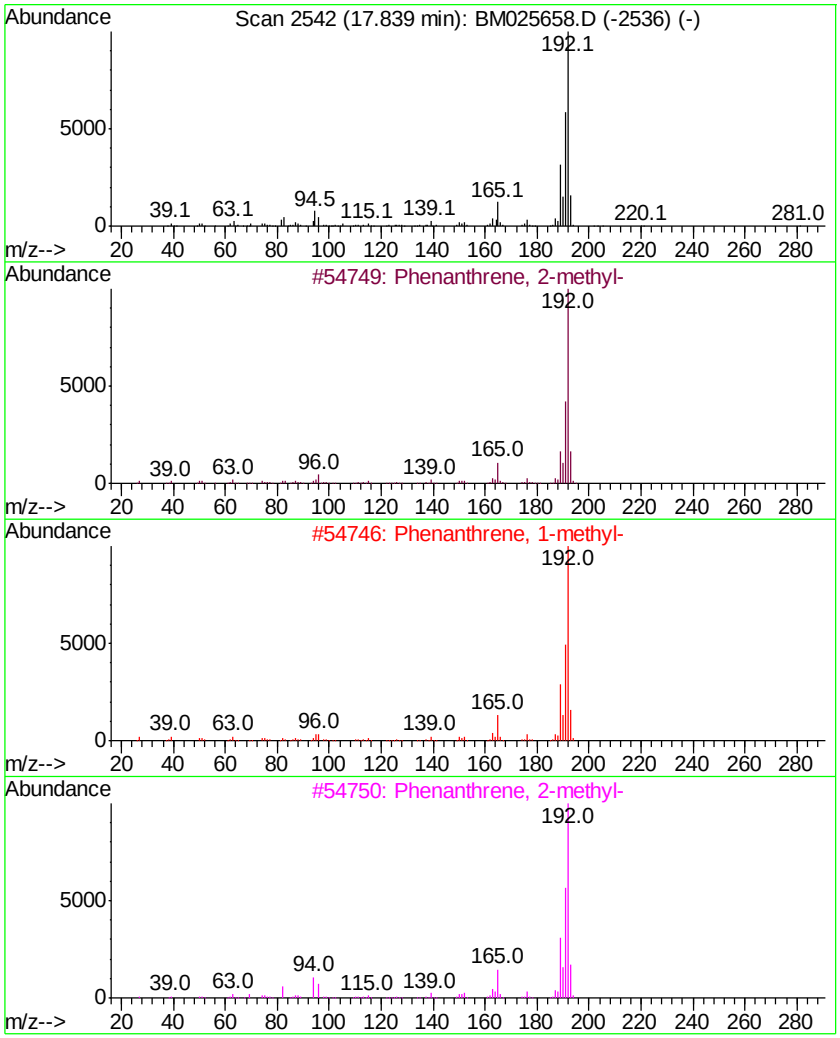
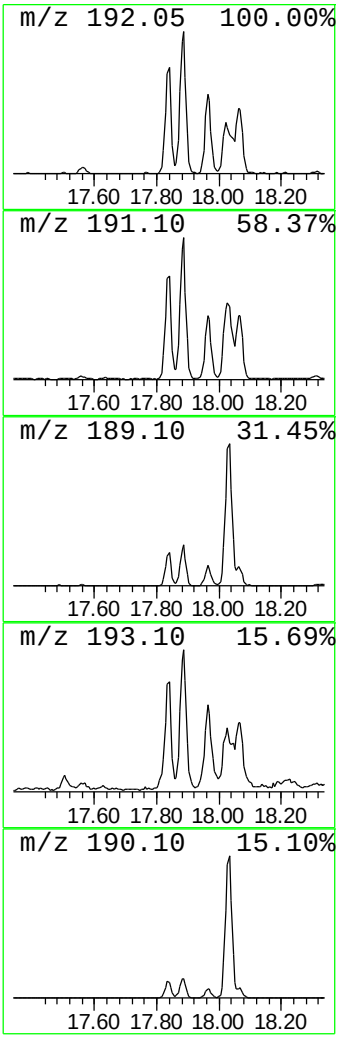
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	6.04 ng/ul	588609	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Quant Title : SVOA CALIBRATION

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

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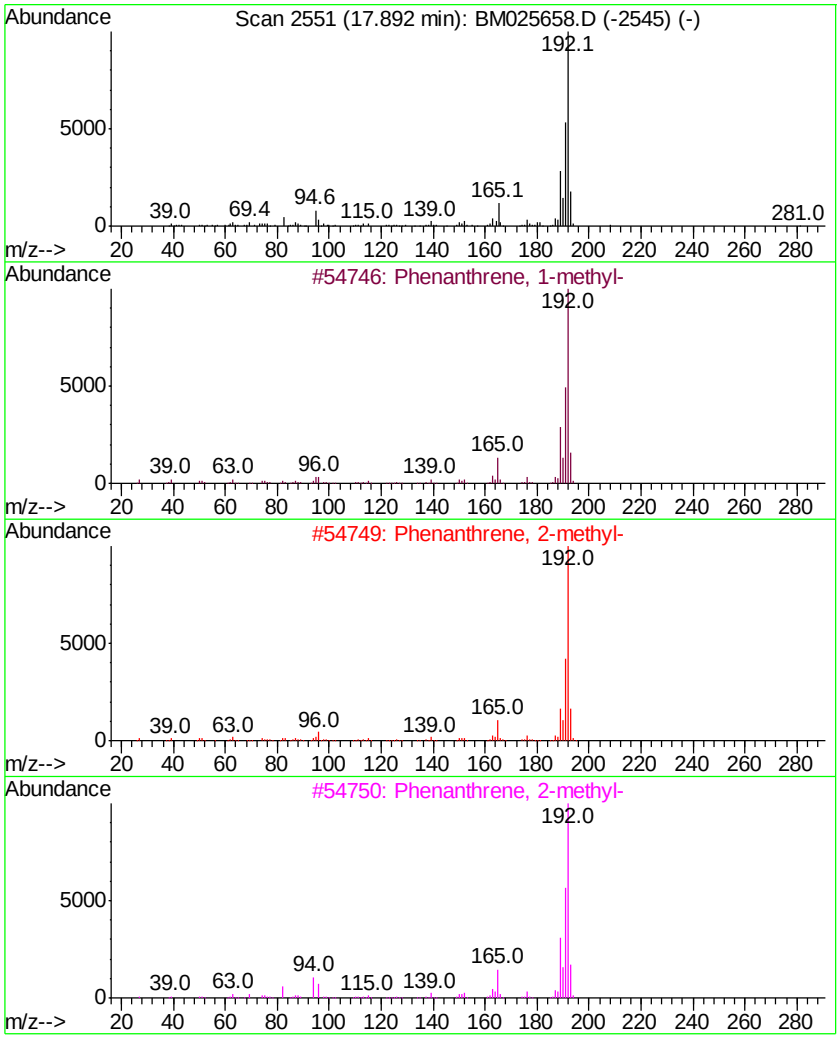
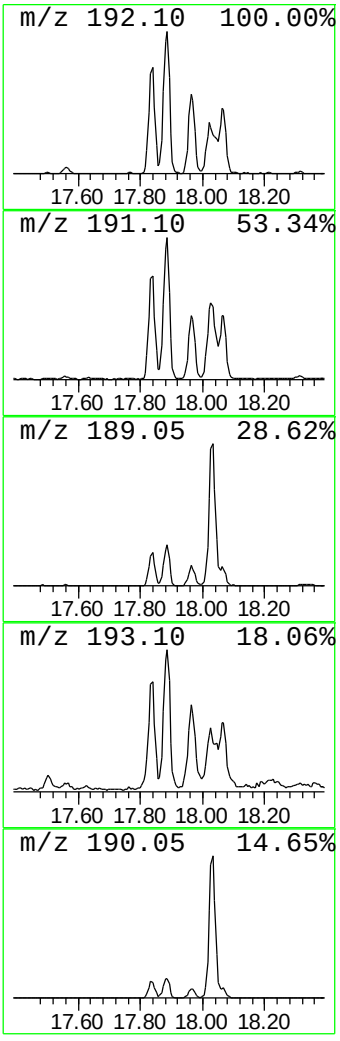
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	8.86 ng/ul	863705	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Quant Title : SVOA CALIBRATION

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

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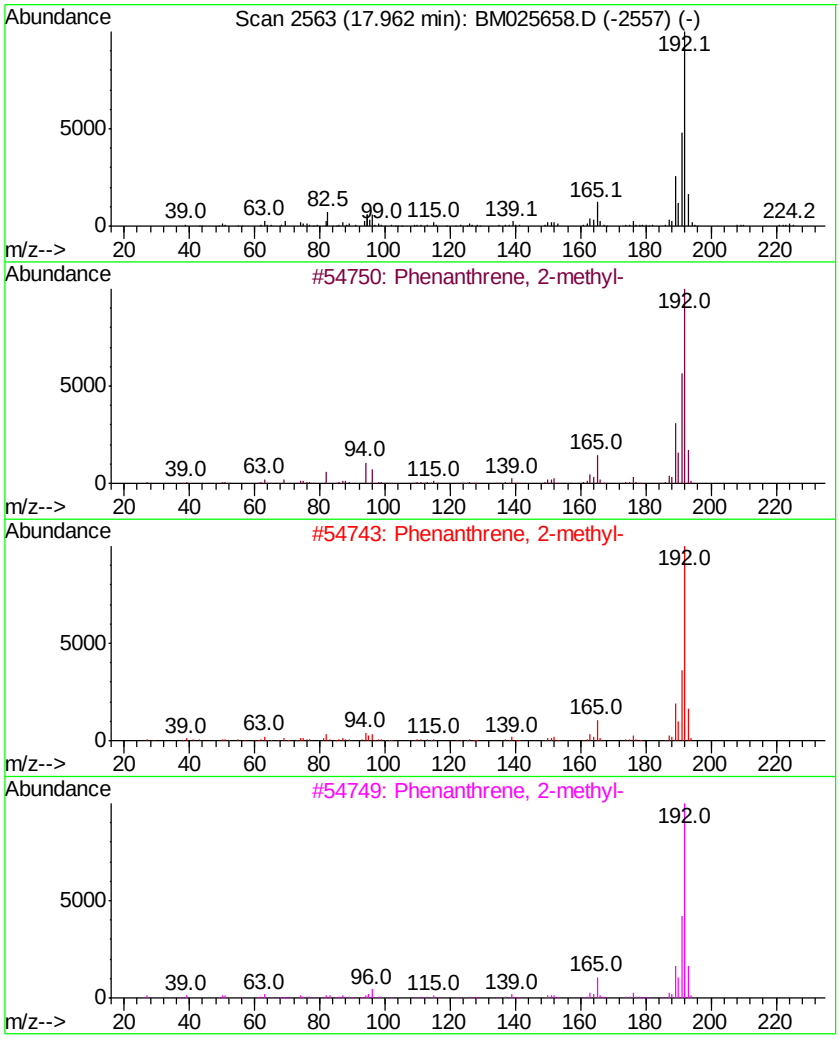
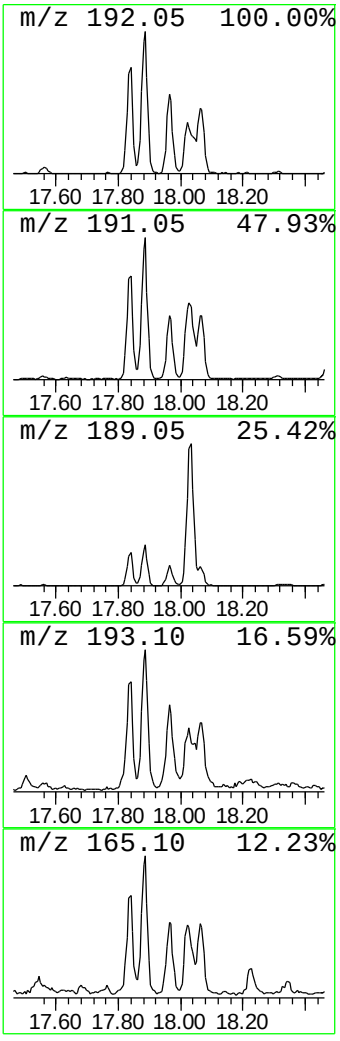
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.76 ng/ul	464188	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97





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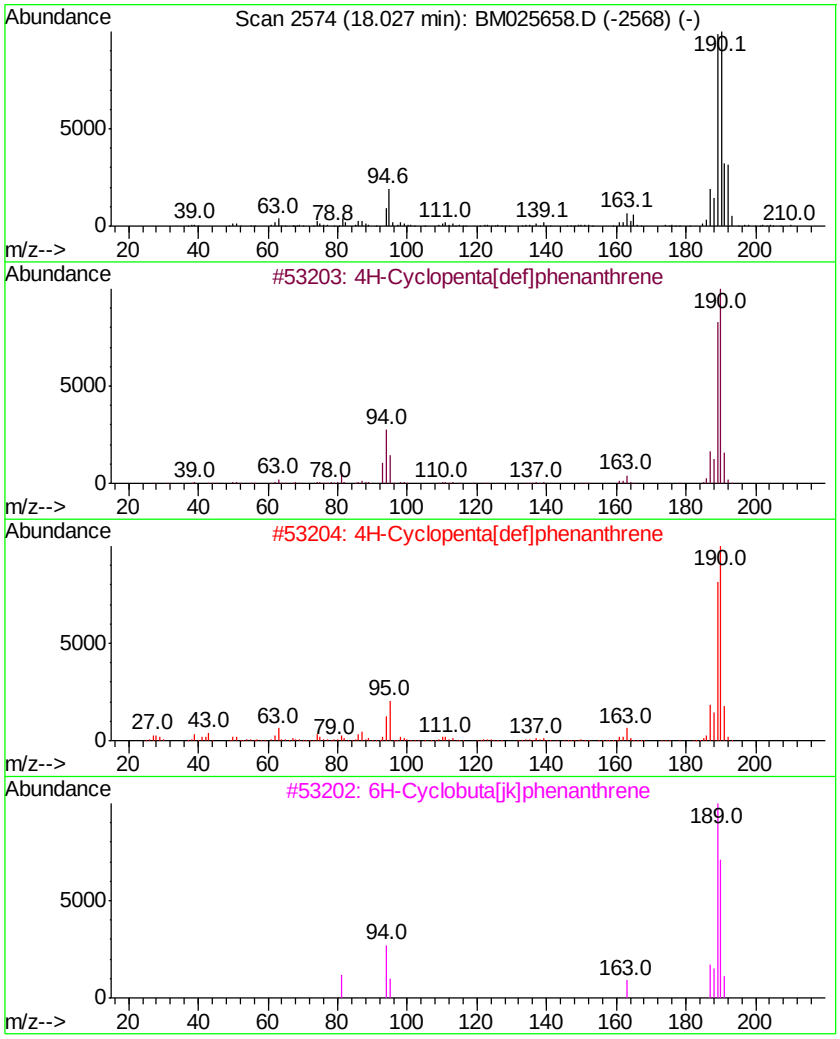
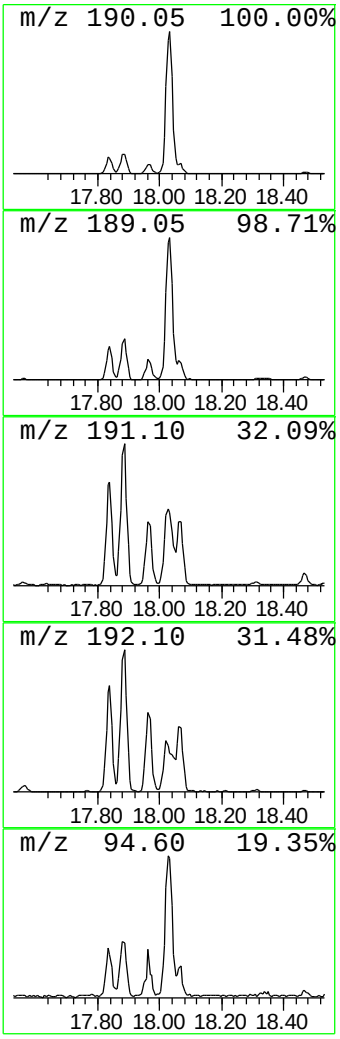
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	12.47 ng/ul	1215790	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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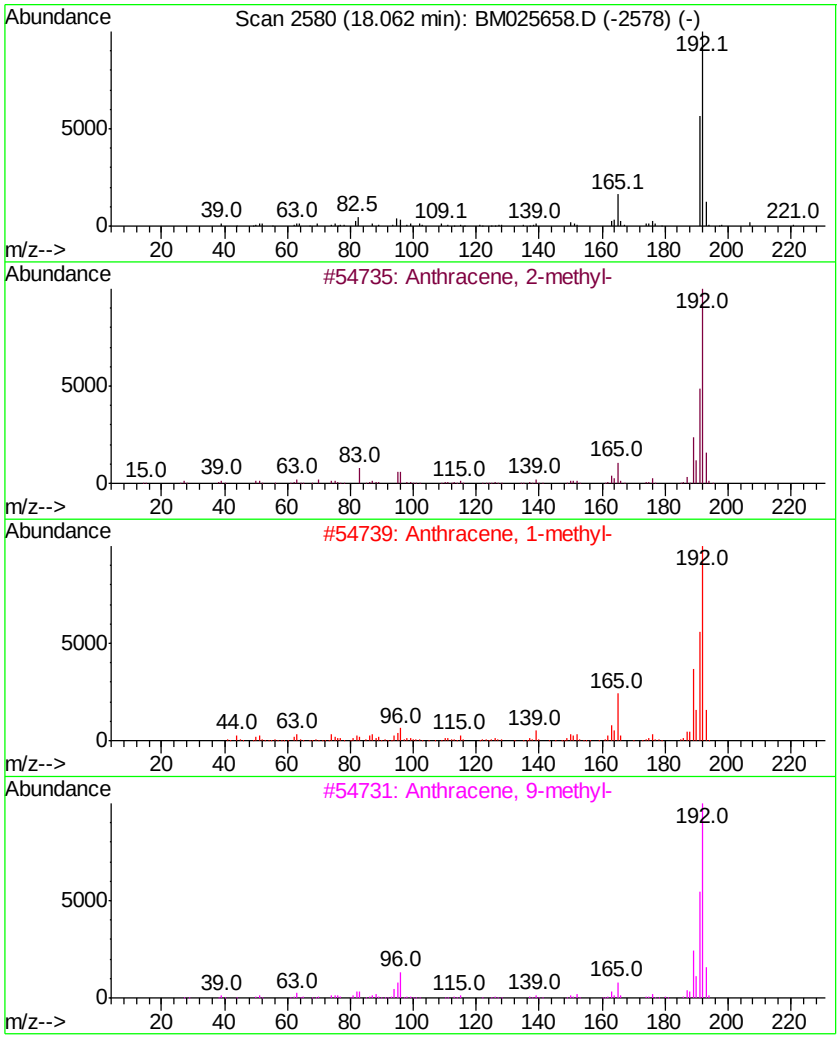
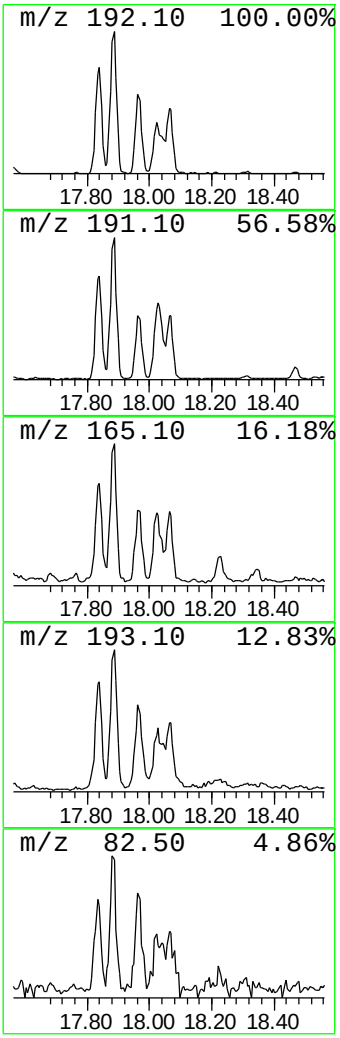
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.63 ng/ul	354304	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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Quant Title : SVOA CALIBRATION

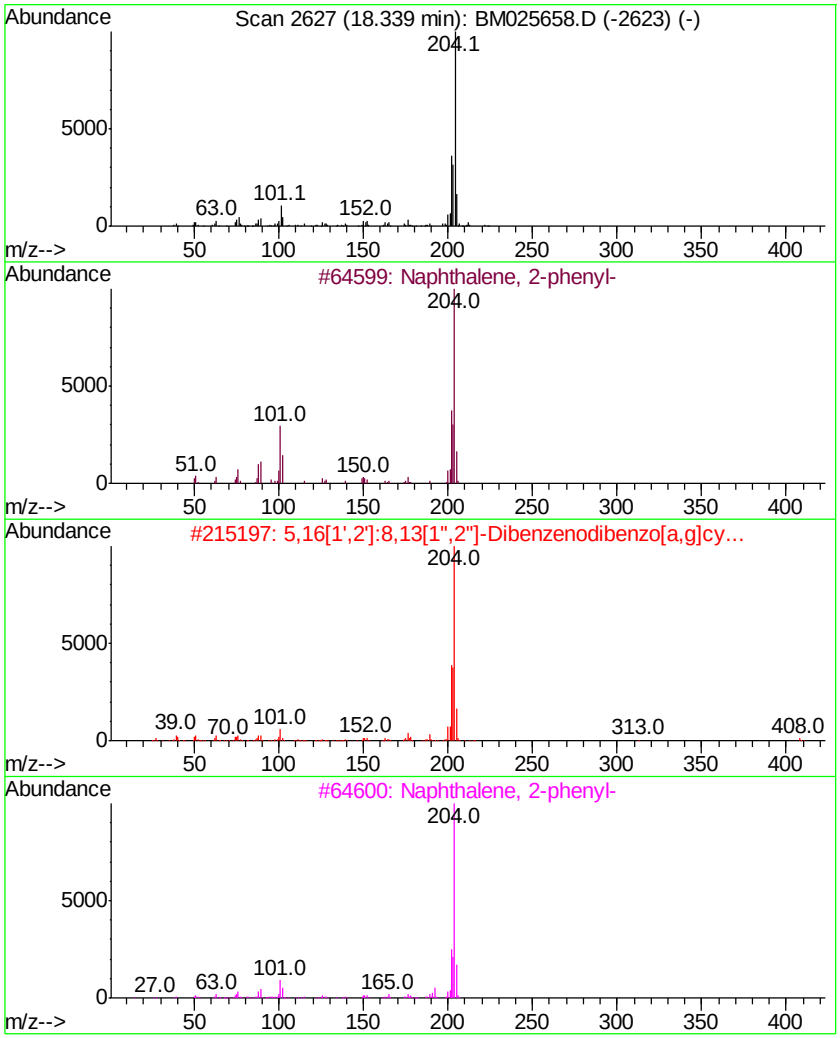
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

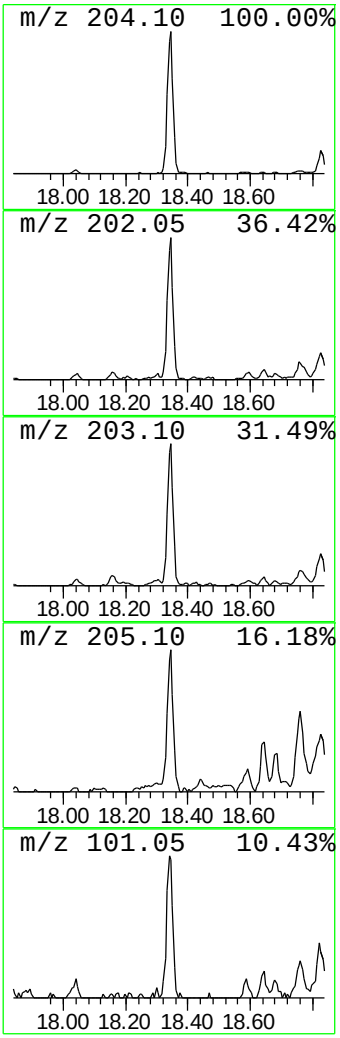
****

Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.41 ng/ul	429981	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Data File : BM025658.D
Acq On : 20 Mar 2020 12:41
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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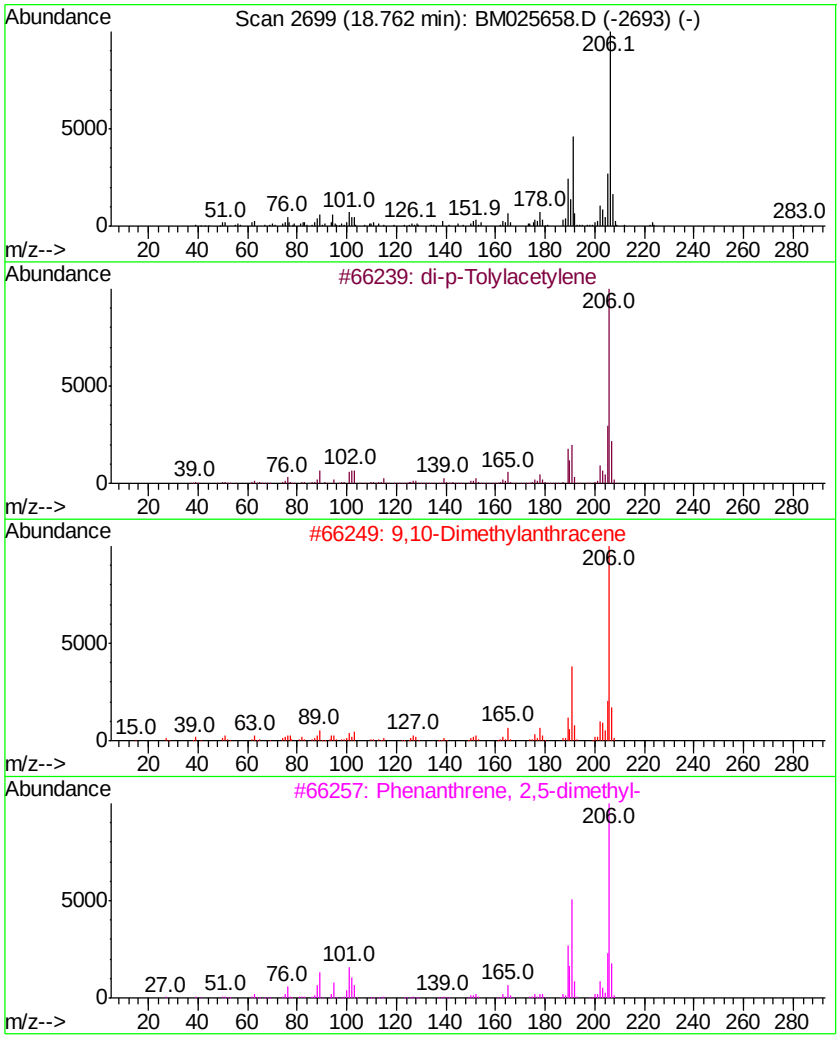
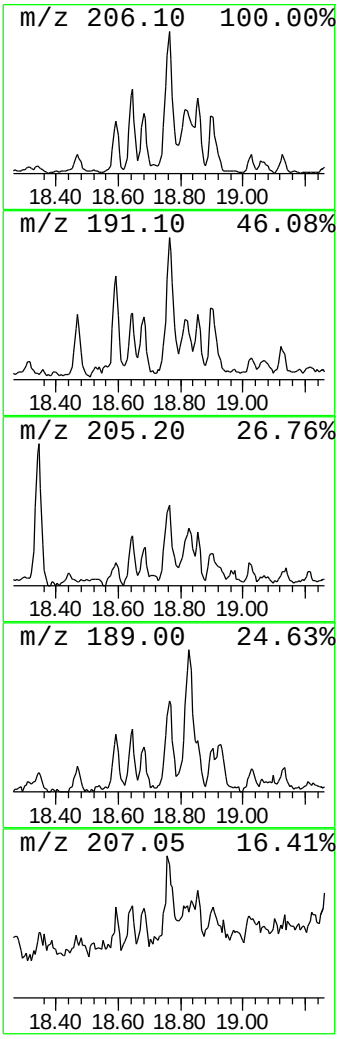
Peak Number 18 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.29 ng/ul	320718	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Data File : BM025658.D
Acq On : 20 Mar 2020 12:41
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

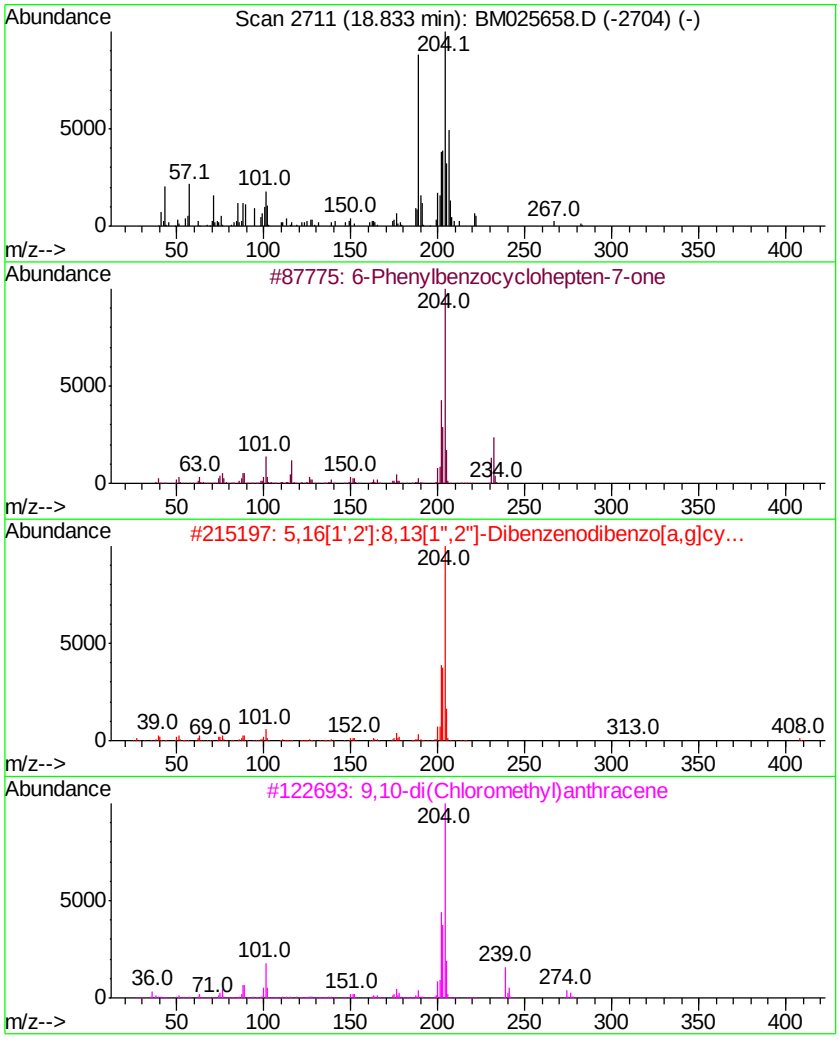
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

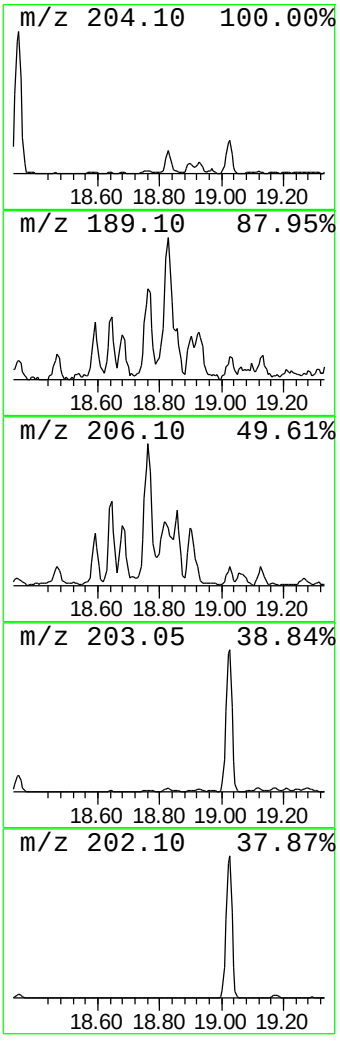
****

Peak Number 19 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	3.42 ng/ul	333877	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	43
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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Data File : BM025658.D
Acq On : 20 Mar 2020 12:41
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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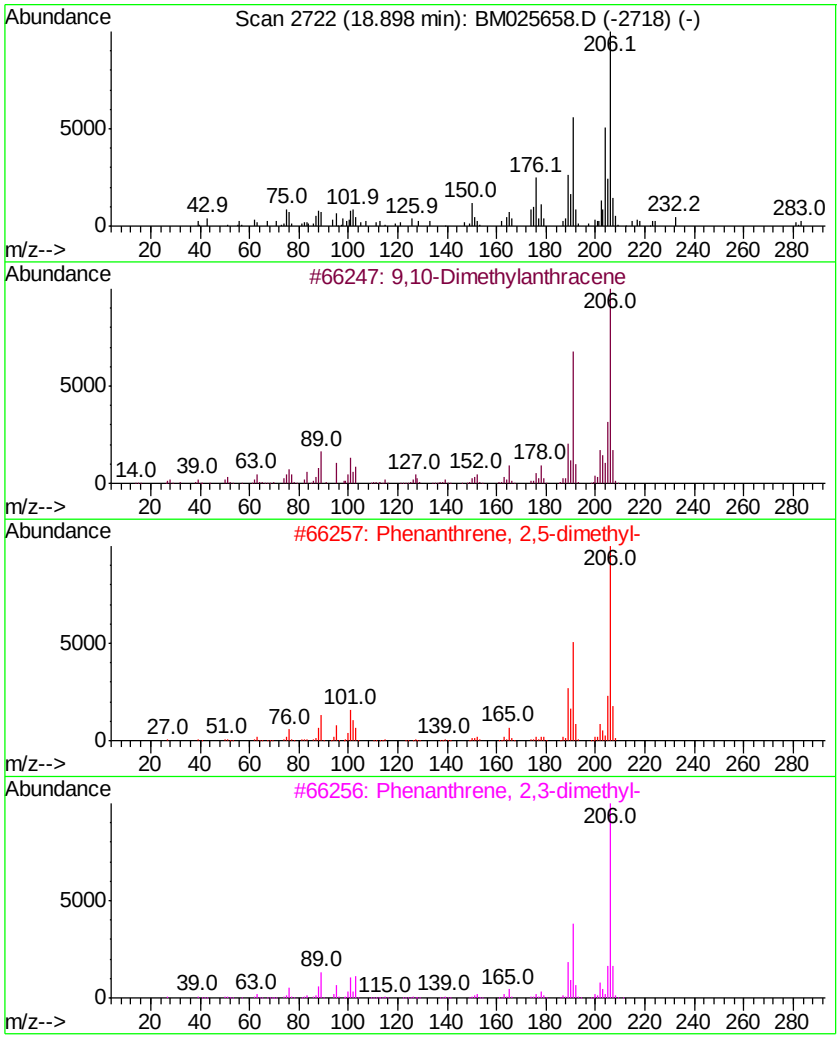
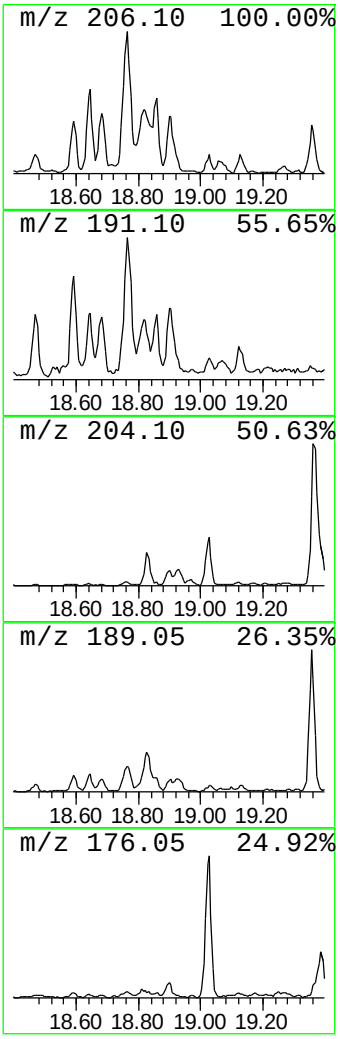
Peak Number 20 9,10-Dimethylanthracene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.02 ng/ul	196886	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	60
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025658.D
Acq On : 20 Mar 2020 12:41
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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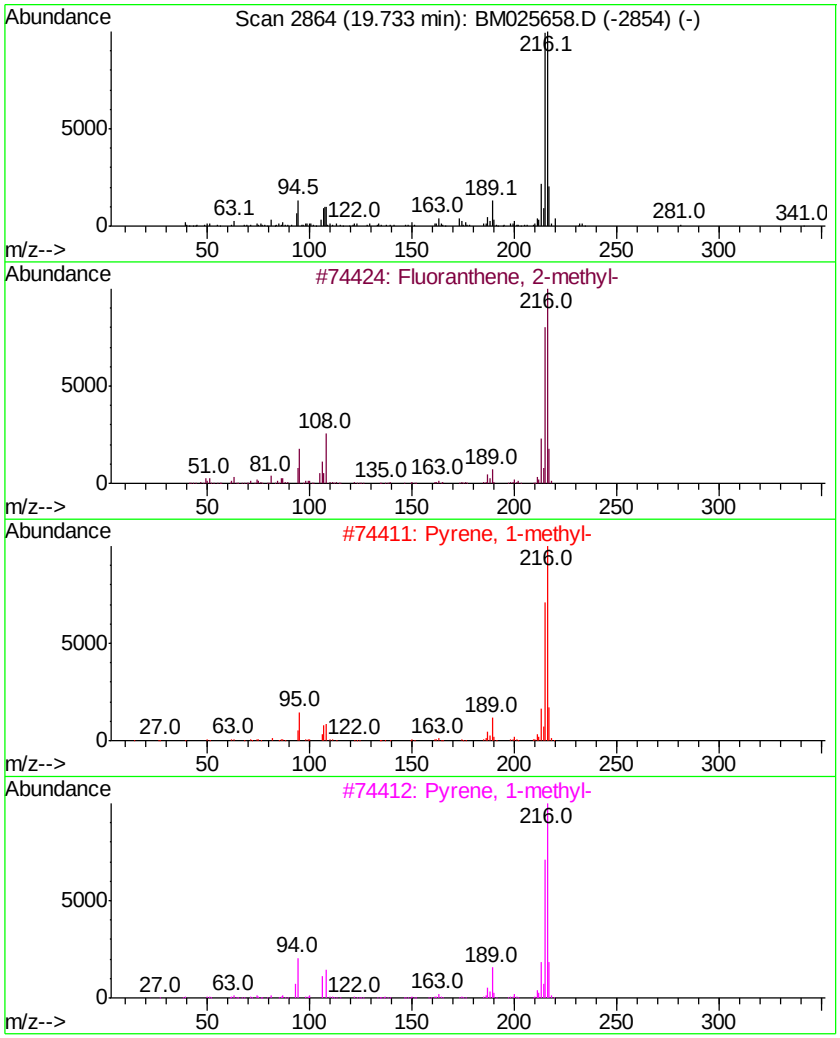
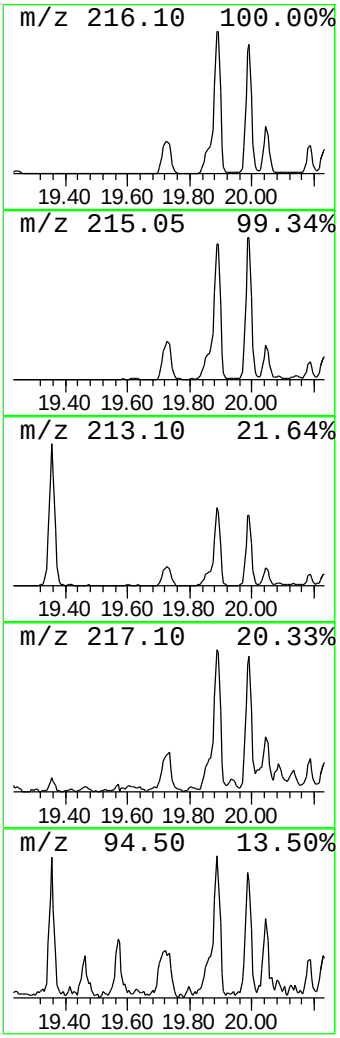
Peak Number 21 Fluoranthene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	2.28 ng/ul	559196	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Library Search Compound Report

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Data File : BM025658.D
Acq On : 20 Mar 2020 12:41
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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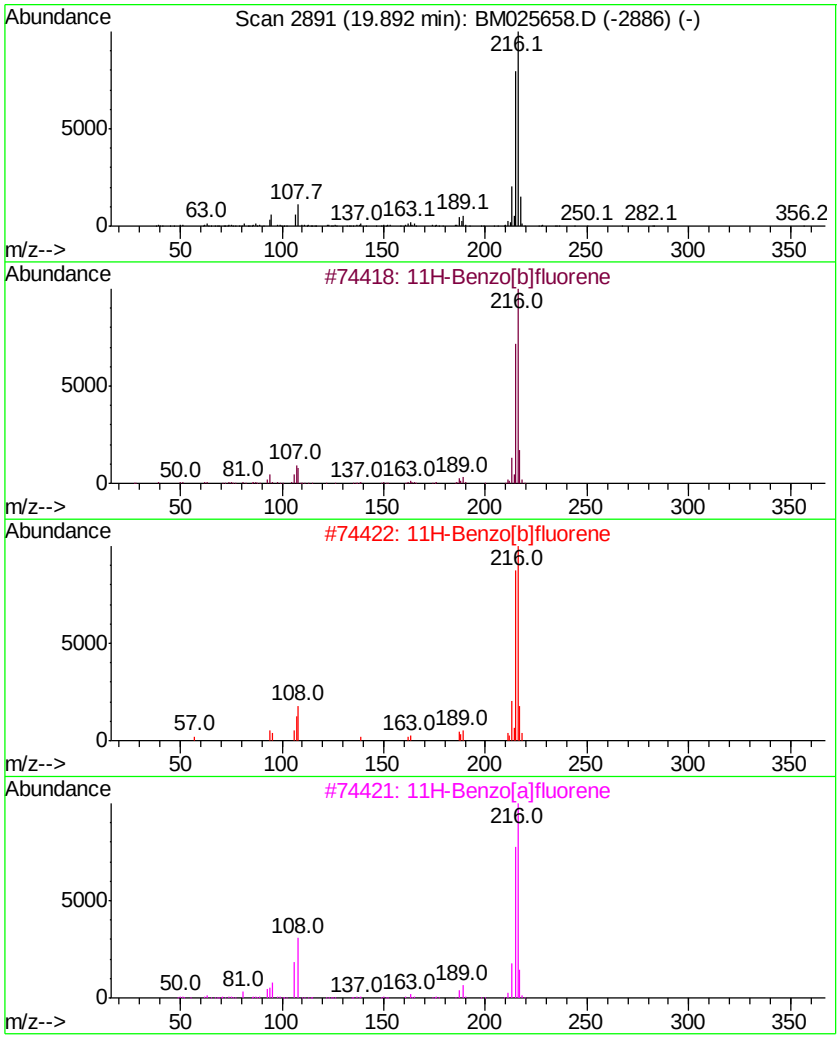
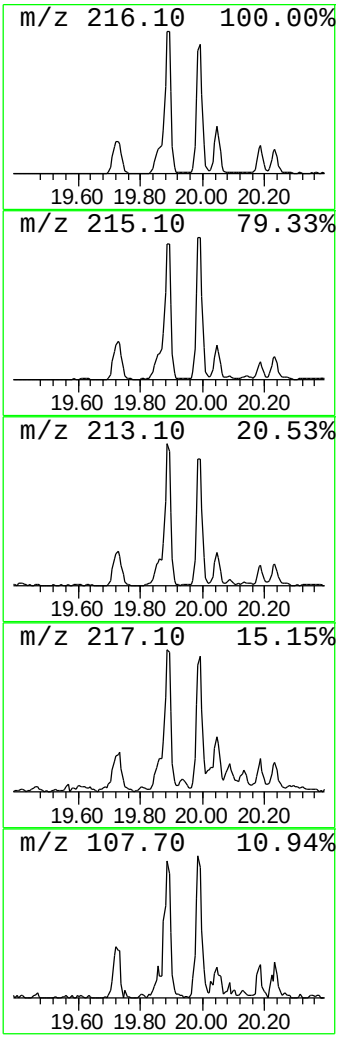
Peak Number 22 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	4.06 ng/ul	998295	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Library Search Compound Report

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Data File : BM025658.D
Acq On : 20 Mar 2020 12:41
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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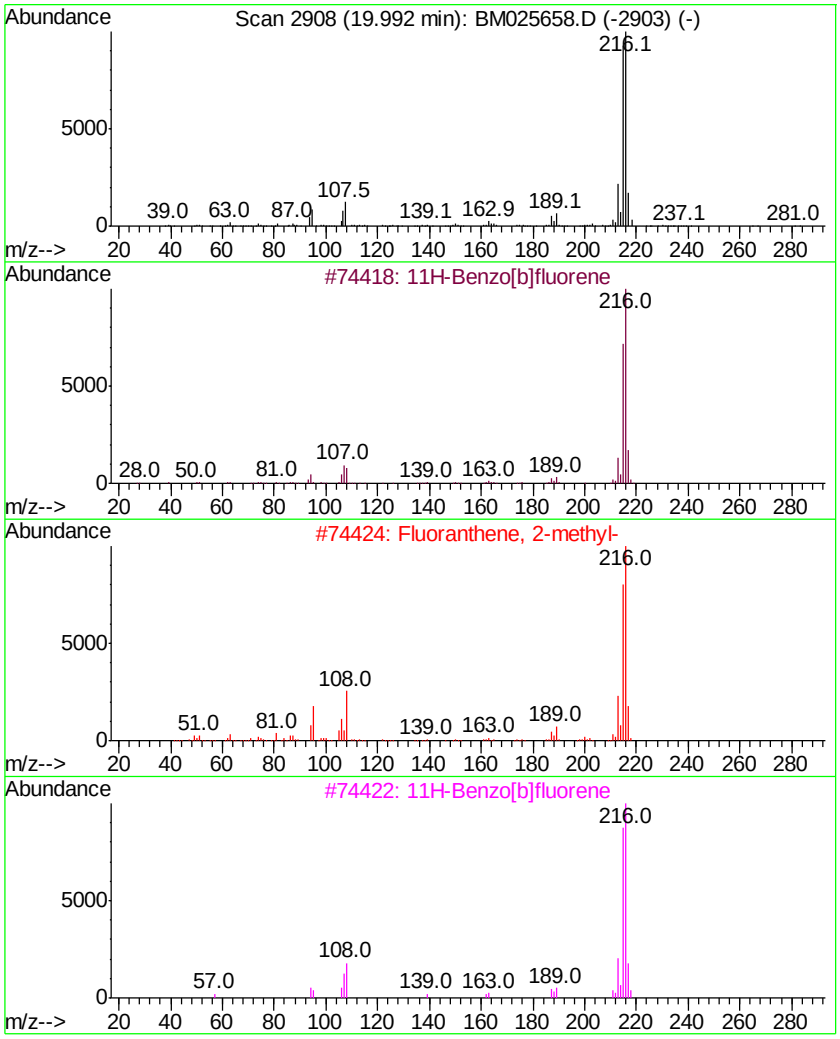
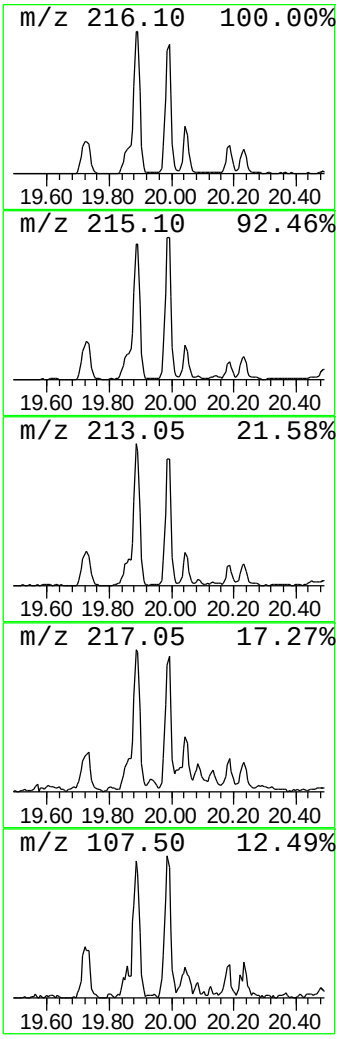
Peak Number 23 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	3.73 ng/ul	915642	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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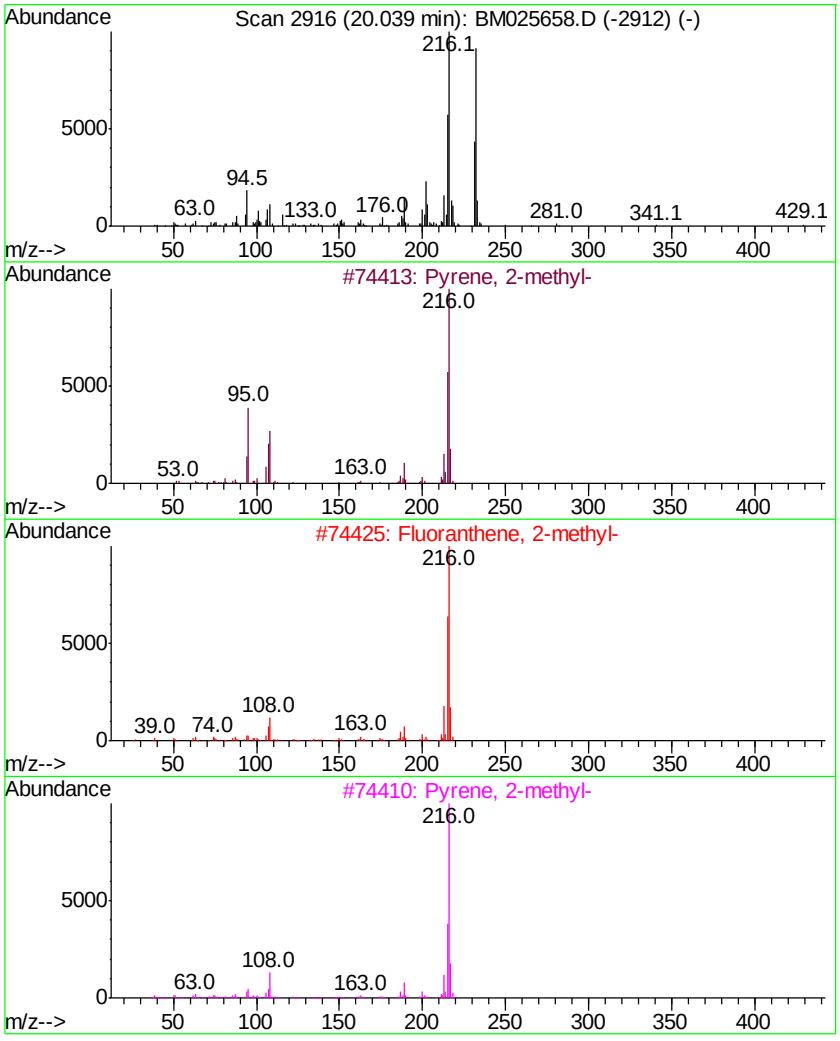
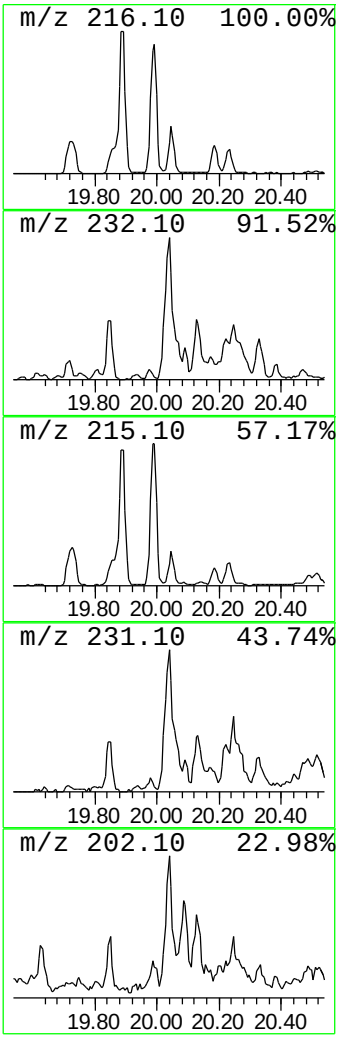
Peak Number 24 Pyrene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.08 ng/ul	510090	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49





Library Search Compound Report

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Data File : BM025658.D
Acq On : 20 Mar 2020 12:41
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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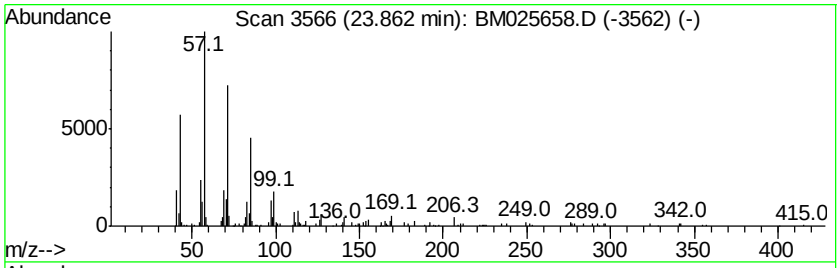
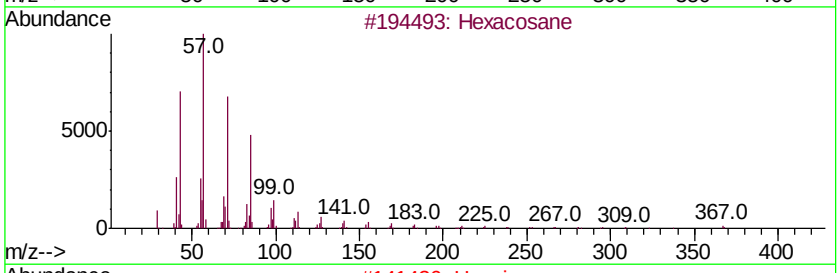
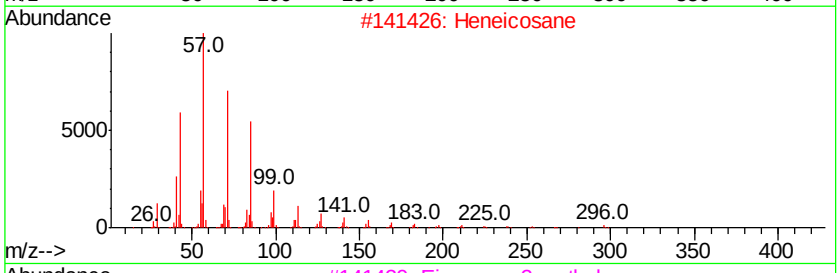
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 21

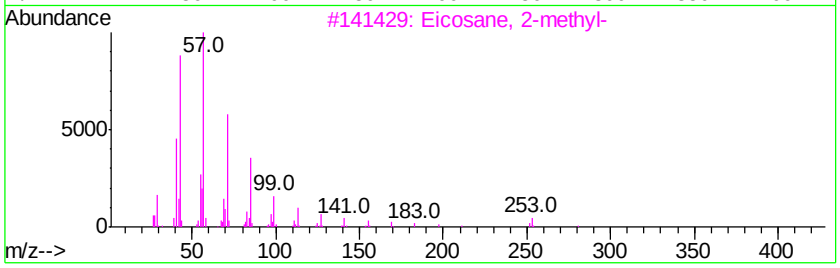
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	2.47 ng/ul	331294	Perylene-d12	23.31

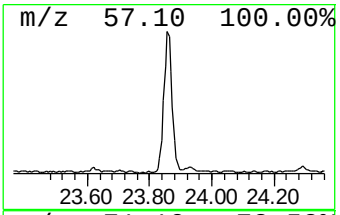
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
5	Heptadecane	240	C17H36	000629-78-7	81

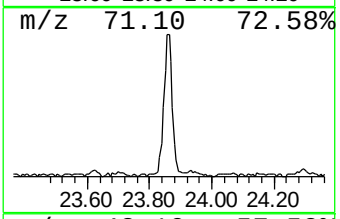


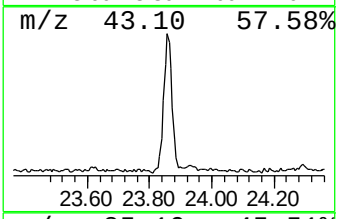


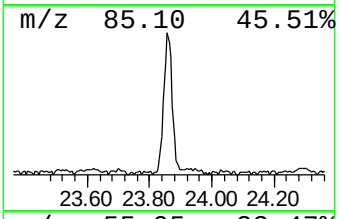


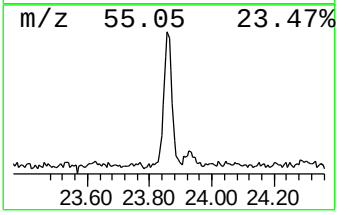












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032020\
Data File : BM025658.D
Acq On : 20 Mar 2020 12:41
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
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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
Naphthalene, 1-me...	12.23	11.7	ng/ul	703732	2	10.35	1205350	20.0
Naphthalene, 2,7-...	13.37	3.4	ng/ul	287403	3	14.22	1716410	20.0
Naphthalene, 1,7-...	13.54	5.8	ng/ul	493243	3	14.22	1716410	20.0
Naphthalene, 2,3-...	13.77	2.3	ng/ul	196478	3	14.22	1716410	20.0
Fluorene, 2,4a-di...	15.43	3.2	ng/ul	272751	3	14.22	1716410	20.0
Dibenzofuran, 4-m...	15.57	4.8	ng/ul	410685	3	14.22	1716410	20.0
2,4,6-Cycloheptat...	15.71	6.0	ng/ul	582734	4	16.96	1949660	20.0
Naphthalene, 1,2,...	15.94	3.2	ng/ul	314349	4	16.96	1949660	20.0
9H-Fluorene, 2-me...	16.27	4.3	ng/ul	419807	4	16.96	1949660	20.0
Benzo[b]benzofura...	16.70	3.1	ng/ul	303862	4	16.96	1949660	20.0
Naphtho[2,1-b]thi...	16.78	4.5	ng/ul	438192	4	16.96	1949660	20.0
Phenanthrene, 2-m...	17.84	6.0	ng/ul	588609	4	16.96	1949660	20.0
Phenanthrene, 1-m...	17.89	8.9	ng/ul	863705	4	16.96	1949660	20.0
Anthracene, 2-met...	17.96	4.8	ng/ul	464188	4	16.96	1949660	20.0
4H-Cyclopenta[def...	18.03	12.5	ng/ul	1215790	4	16.96	1949660	20.0
Anthracene, 1-met...	18.06	3.6	ng/ul	354304	4	16.96	1949660	20.0
Naphthalene, 2-ph...	18.34	4.4	ng/ul	429981	4	16.96	1949660	20.0
di-p-Tolylacetylene	18.76	3.3	ng/ul	320718	4	16.96	1949660	20.0
unknown-01	18.83	3.4	ng/ul	333877	4	16.96	1949660	20.0
9,10-Dimethylanth...	18.90	2.0	ng/ul	196886	4	16.96	1949660	20.0
Fluoranthene, 2-m...	19.73	2.3	ng/ul	559196	5	21.16	4912210	20.0
11H-Benzo[b]fluorene	19.89	4.1	ng/ul	998295	5	21.16	4912210	20.0
11H-Benzo[a]fluorene	19.99	3.7	ng/ul	915642	5	21.16	4912210	20.0
Pyrene, 2-methyl-	20.04	2.1	ng/ul	510090	5	21.16	4912210	20.0
(DEL) Alkane: Str...	23.86	2.5	ng/ul	331294	6	23.31	2682700	20.0