LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

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-BM100418MA.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	5.710	458	463	471	rVB2	403801	825258	1.46%	0.152%
2	6.869	650	660	675	rVB2	959372	2116225	3.75%	0.390%
3	6.998	677	682	685	rBV	573628	893211	1.58%	0.165%
4	7.034	685	688	694	rVB	774044	1088648	1.93%	0.201%
5	7.228	715	721	729	rVB	1054883	1658193	2.94%	0.306%
6	7.692	793	800	807	rVB	1101901	1751773	3.11%	0.323%
7	8.398	913	920	926	rVV	1226161	1975664	3.50%	0.364%
8	8.845	990	996	1004	rVV	1013536	1652760	2.93%	0.305%
9	9.557	1110	1117	1124	rBV	833725	1338228	2.37%	0.247%
10	10.092	1195	1208	1217	rVB	1336576	2243417	3.98%	0.414%
11	10.469	1263	1272	1276	rBV	1693796	2861081	5.08%	0.527%
12	10.516	1276	1280	1287	rVV	1082951	1841024	3.27%	0.339%
13	10.616	1289	1297	1318	rVB	524486	1167797	2.07%	0.215%
14	12.133	1549	1555	1563	rVB	383358	627225	1.11%	0.116%
15	13.745	1824	1829	1834	rVV	2204278	3167317	5.62%	0.584%
16	13.792	1834	1837	1842	rVV	803575	1072936	1.90%	0.198%
17	14.021	1863	1876	1889	rBV	3028566	4724058	8.38%	0.871%
18	14.333	1921	1929	1932	rVV2	2445701	3886355	6.89%	0.716%
19	14.363	1932	1934	1936	rVV	941311	1145465	2.03%	0.211%
20	14.392	1936	1939	1948	rVV	1842380	3066709	5.44%	0.565%
21	14.551	1959	1966	1973	rBV2	639953	1133930	2.01%	0.209%
22	14.733	1992	1997	2005	rVB	981716	1501643	2.66%	0.277%
23	15.327	2092	2098	2103	rBV	3488990	5024488	8.91%	0.926%
24	15.380	2103	2107	2113	rVV	1900508	2743763	4.87%	0.506%
25	15.457	2115	2120	2125	rVV2	539465	901105	1.60%	0.166%
26	15.504	2125	2128	2132	rVV2	386757	567882	1.01%	0.105%
27	15.680	2153	2158	2167	rVB	383578	641594	1.14%	0.118%
28	15.827	2178	2183	2190	rVB	418633	845455	1.50%	0.156%
29	15.933	2190	2201	2207	rBV5	202726	566909	1.01%	0.104%
30	16.057	2218	2222	2236	rVB3	301107	571211	1.01%	0.105%
31	16.386	2268	2278	2283	rVV3	507222	1137342	2.02%	0.210%
32	16.604	2309	2315	2320	rBV	2835839	3976348	7.05%	0.733%
33	16.739	2333	2338	2346	rVB	1028530	1494939	2.65%	0.276%
34	16.857	2347	2358	2362	rBV2	4562824	6887369	12.22%	1.270%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

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-BM100418MA.M
Title : SVOA CALIBRATION

35	16.898	2362	2365	2372	rVB	1283623	1612574	2.86%	0.297%
36	16.962	2372	2376	2380	rBV	1454231	1806317	3.20%	0.333%
37	17.086	2388	2397	2399	rBV	2491514	4185681	7.43%	0.772%
38	17.133	2399	2405	2410	rVV	22540790	36416616	64.61%	6.713%
39	17.186	2410	2414	2416	rVV2	3882909	5584995	9.91%	1.029%
40	17.221	2416	2420	2425	rVV	7166835	10284360	18.25%	1.896%
41	17.274	2425	2429	2434	rVB	573923	940822	1.67%	0.173%
42	17.462	2456	2461	2462	rBV	518260	698120	1.24%	0.129%
43	17.492	2462	2466	2471	rVB	2281030	3070895	5.45%	0.566%
44	17.604	2481	2485	2491	rBV2	548176	832856	1.48%	0.154%
45	17.662	2491	2495	2497	rBV3	460119	693369	1.23%	0.128%
46	17.798	2514	2518	2525	rVB3	944664	1568365	2.78%	0.289%
47	17.956	2540	2545	2548	rBV	2603539	3644877	6.47%	0.672%
48	18.004	2548	2553	2559	rVB2	5494622	8514607	15.11%	1.569%
49	18.062	2559	2563	2565	rBV	1460803	2048976	3.64%	0.378%
50	18.086	2565	2567	2572	rVB	1452131	1684126	2.99%	0.310%
51	18.156	2572	2579	2583	rBV3	6587835	11249054	19.96%	2.074%
52	18.192	2583	2585	2594	rVB3	1710532	2282665	4.05%	0.421%
53	18.262	2594	2597	2599	rBV2	491186	612842	1.09%	0.113%
54	18.462	2624	2631	2635	rBV2	2562627	4856117	8.62%	0.895%
55	18.504	2635	2638	2643	rVB2	1487015	2077985	3.69%	0.383%
56	18.709	2669	2673	2677	rVB	944672	1257580	2.23%	0.232%
57	18.756	2678	2681	2685	rBV	845691	1100090	1.95%	0.203%
58	18.798	2685	2688	2692	rVB	733412	843654	1.50%	0.156%
59	18.880	2698	2702	2707	rBV	1427065	2286394	4.06%	0.421%
60	18.939	2707	2712	2716	rVV4	828024	1727900	3.07%	0.319%
61	18.980	2716	2719	2721	rVV3	872596	1174373	2.08%	0.216%
62	19.015	2721	2725	2734	rVB2	3158555	6062224	10.75%	1.117%
63	19.092	2735	2738	2741	rBV5	545212	711513	1.26%	0.131%
64	19.156	2742	2749	2754	rBV2	26557493	43173495	76.59%	7.958%
65	19.215	2756	2759	2762	rBV2	959488	1477683	2.62%	0.272%
66	19.245	2762	2764	2767	rVV3	669395	743182	1.32%	0.137%
67	19.298	2767	2773	2777	rVB2	3966447	6470833	11.48%	1.193%
68	19.356	2780	2783	2786	rBV	1151538	1459801	2.59%	0.269%
69	19.527	2800	2812	2819	rBV3	24978247	56367360	100.00%	10.390%
70	19.586	2819	2822	2827	rVB2	1570153	2410096	4.28%	0.444%
71	19.633	2827	2830	2834	rBV	1515664	1713693	3.04%	0.316%

LSC Area Percent Report

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Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

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-BM100418MA.M
Title : SVOA CALIBRATION

72	19.692	2836	2840	2844	rVV	1922768	3066059	5.44%	0.565%
73	19.745	2845	2849	2856	rVB2	4193759	6961496	12.35%	1.283%
74	19.839	2859	2865	2871	rBV2	1717079	4985482	8.84%	0.919%
75	19.974	2883	2888	2889	rBV3	1496413	2279777	4.04%	0.420%
76	20.009	2890	2894	2898	rVV	5446812	7837274	13.90%	1.445%
77	20.056	2899	2902	2906	rVV	2544069	2911299	5.16%	0.537%
78	20.109	2907	2911	2915	rVV	2753226	3643629	6.46%	0.672%
79	20.168	2917	2921	2924	rVV2	2726576	4199746	7.45%	0.774%
80	20.203	2925	2927	2932	rVB	1560784	1875809	3.33%	0.346%
81	20.286	2937	2941	2942	rBV	1522117	1681010	2.98%	0.310%
82	20.356	2947	2953	2957	rVV2	2473584	4698514	8.34%	0.866%
83	20.421	2961	2964	2970	rVB	3309622	3881477	6.89%	0.715%
84	20.598	2992	2994	2999	rVB	1642711	1826061	3.24%	0.337%
85	20.756	3018	3021	3027	rVB	2987555	4143758	7.35%	0.764%
86	20.921	3043	3049	3053	rBV3	3042462	6475243	11.49%	1.194%
87	20.962	3053	3056	3059	rVV	3039325	4457458	7.91%	0.822%
88	20.997	3060	3062	3068	rVV2	3393785	5819493	10.32%	1.073%
89	21.056	3069	3072	3080	rVB	2717434	3779225	6.70%	0.697%
90	21.203	3093	3097	3100	rBV	6198509	7035897	12.48%	1.297%
91	21.268	3103	3108	3112	rVV3	15173589	26162845	46.41%	4.823%
92	21.327	3113	3118	3126	rVB	20751843	31208347	55.37%	5.753%
93	21.433	3133	3136	3142	rBV2	3120576	4687815	8.32%	0.864%
94	21.880	3209	3212	3217	rVB3	2621303	3705739	6.57%	0.683%
95	22.856	3371	3378	3383	rBV	12851341	32568351	57.78%	6.003%
96	23.333	3452	3459	3464	rBV	8285826	17676685	31.36%	3.258%
97	23.421	3470	3474	3481	rVB	8184560	14563886	25.84%	2.685%
98	23.562	3495	3498	3506	rVB2	2587669	4596633	8.15%	0.847%
99	25.762	3864	3872	3882	rVB	5171308	14850677	26.35%	2.737%
100	26.450	3981	3989	3997	rVB	3603389	10182372	18.06%	1.877%

Sum of corrected areas: 542505469

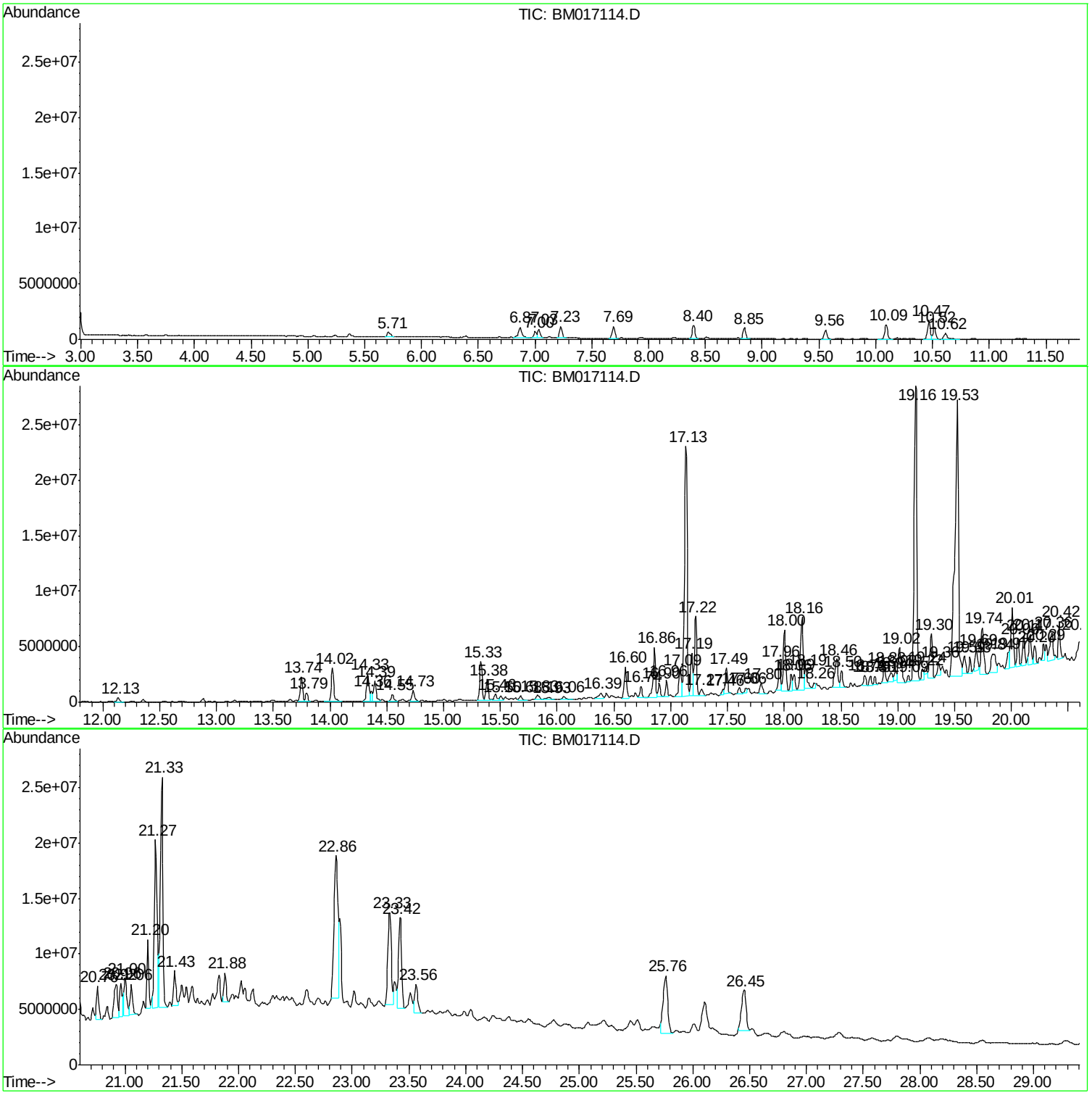
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

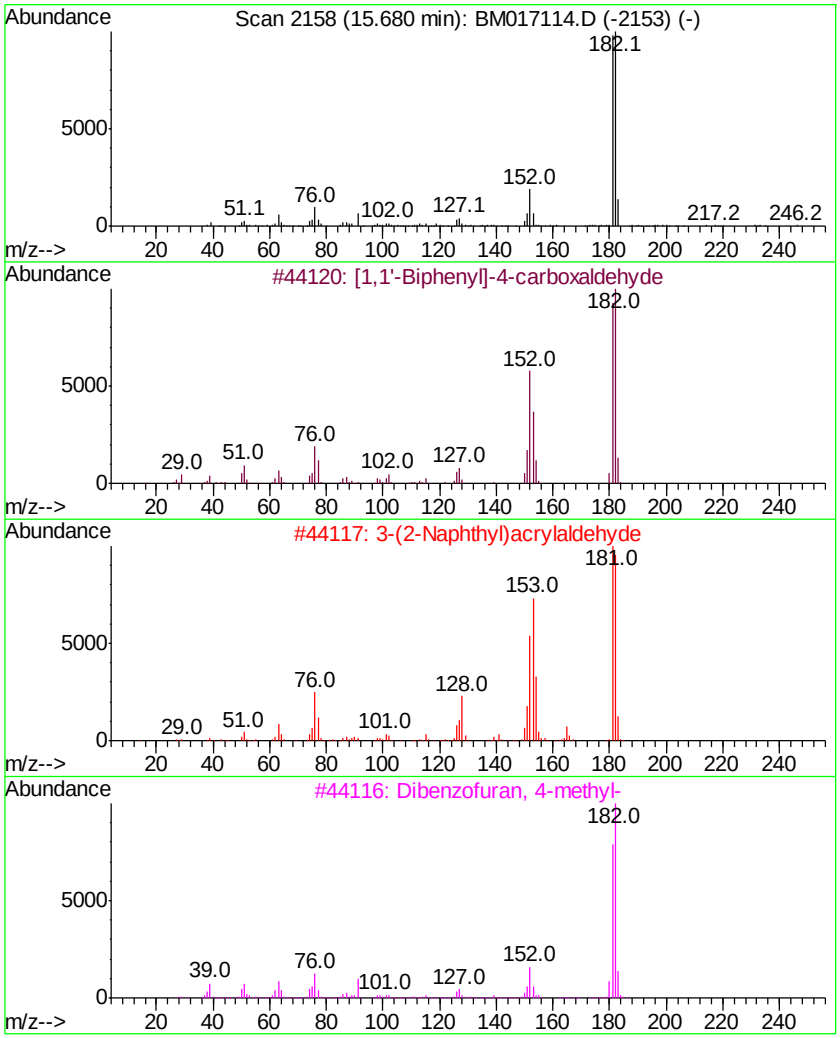
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

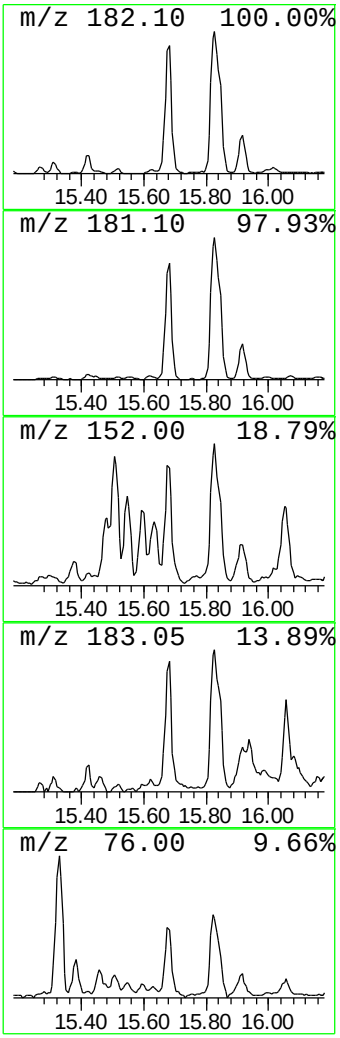
****

Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.30 ng/ul	641594	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
2	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

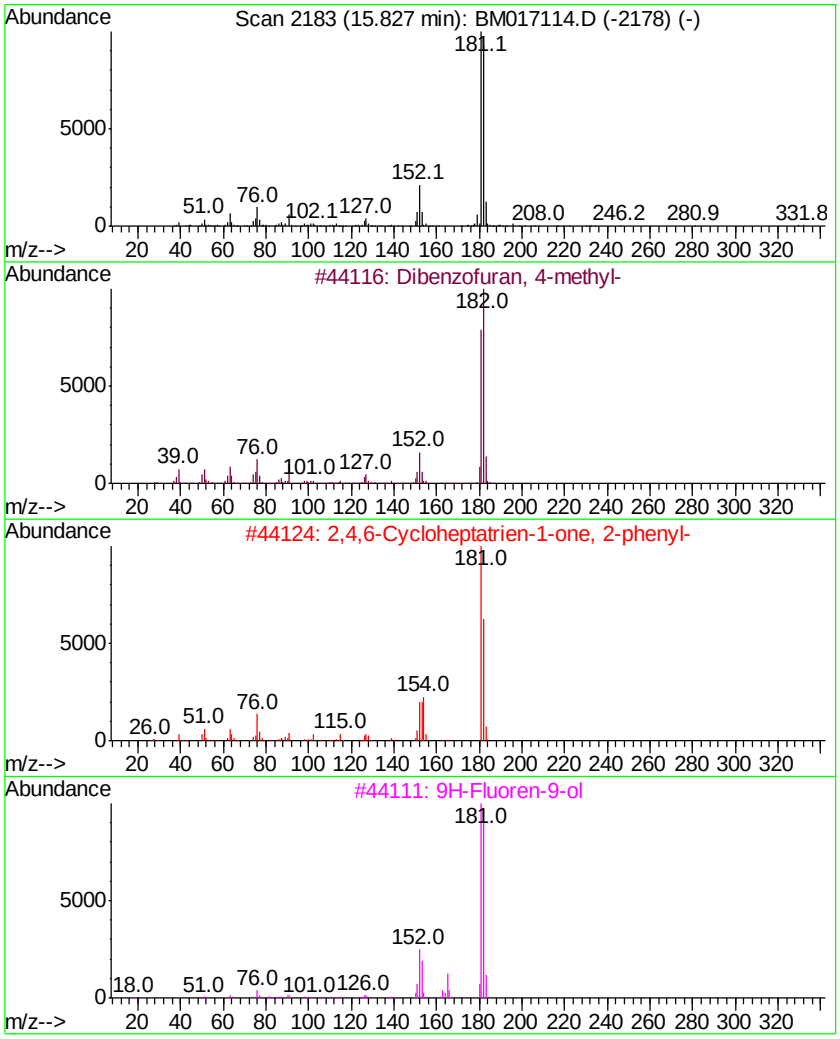
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

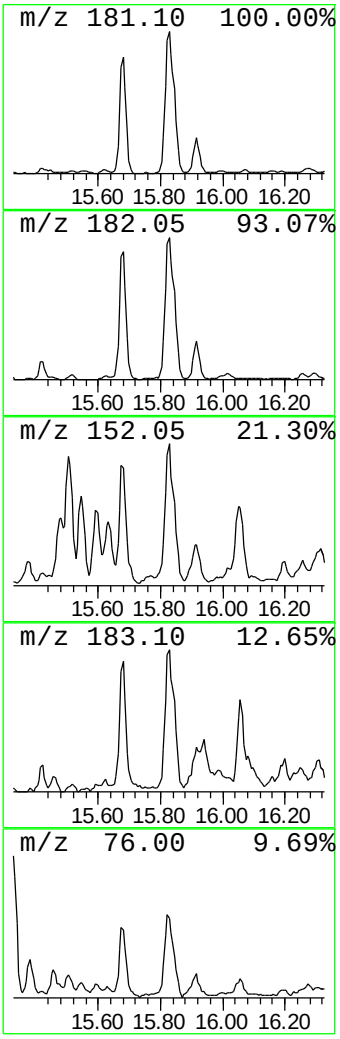
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.04 ng/ul	845455	Phenanthrene-d10	17.09

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	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

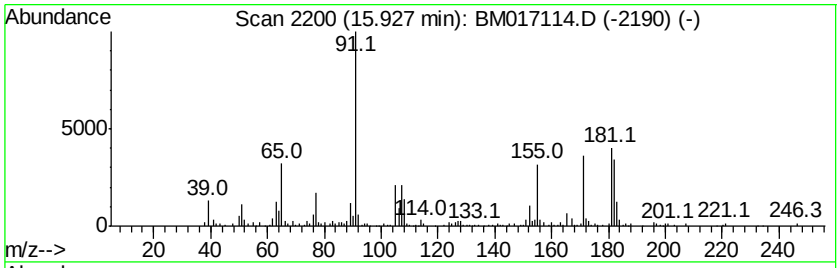
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

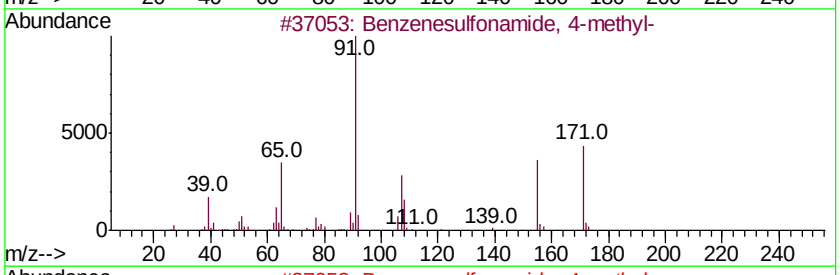
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

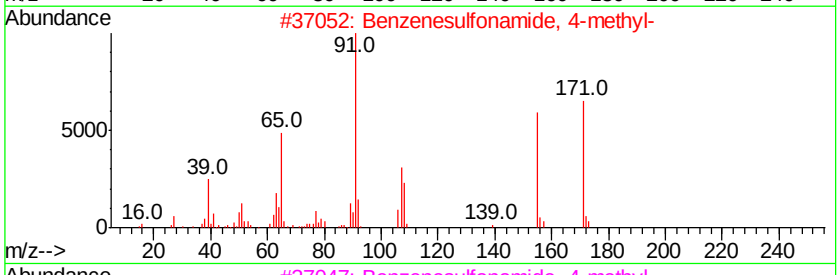
****
Peak Number 4 Benzenesulfonamide, 4-methyl- Concentration Rank 43

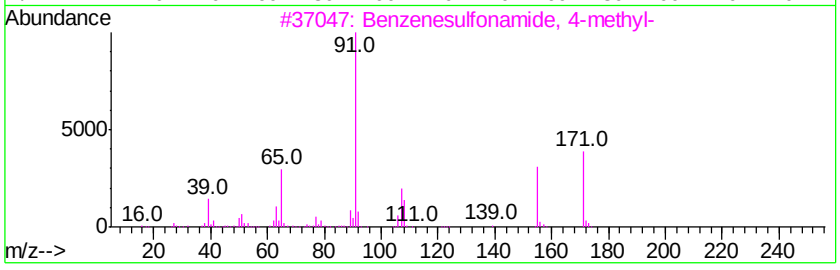
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.71 ng/ul	566909	Phenanthrene-d10	17.09

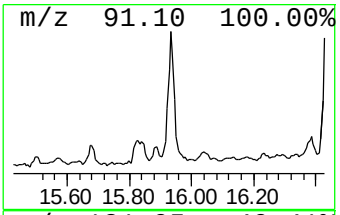
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	97
2	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	93
3	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	93
4	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	64
5	O-p-toluenesulfonyll-N-acetylser...	315	C13H17NO6S	1000126-44-8	58

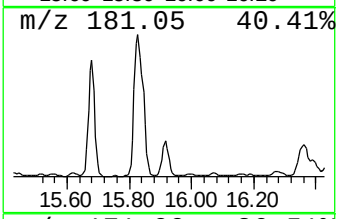


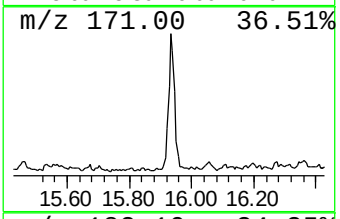


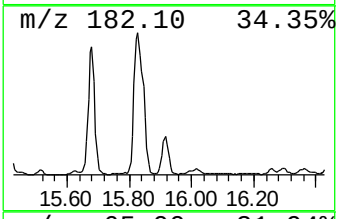


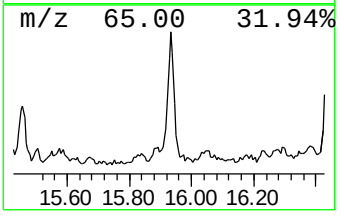












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

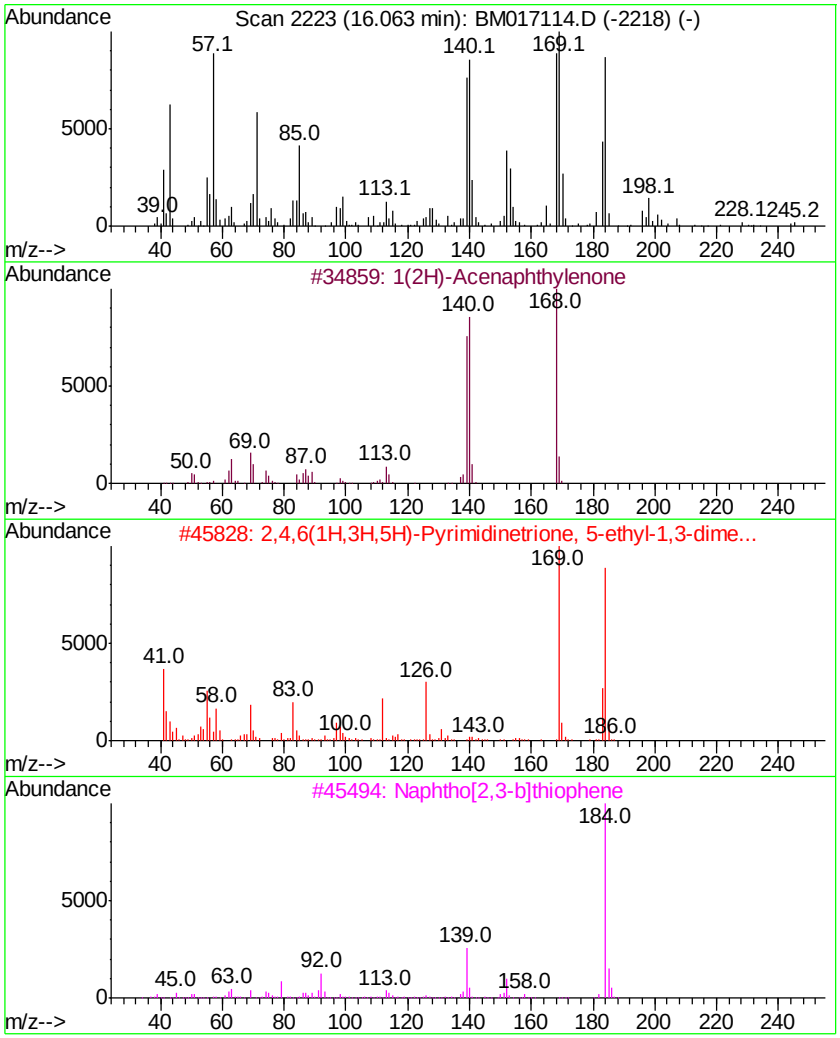
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

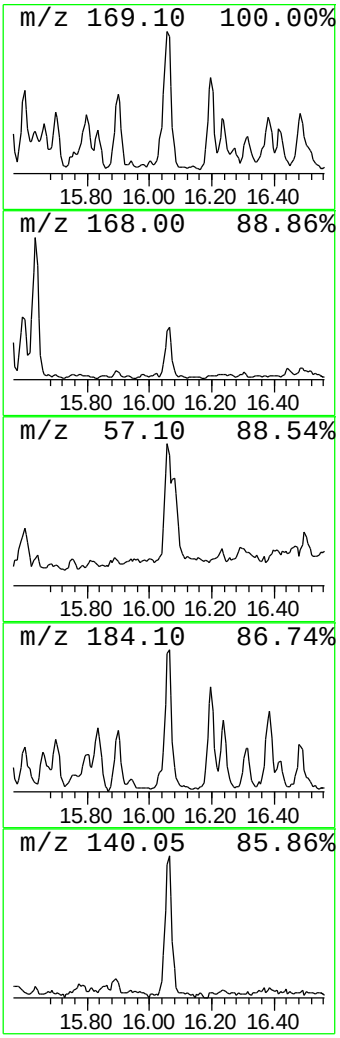
****

Peak Number 5 1(2H)-Acenaphthylenone Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.73 ng/ul	571211	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	38
2	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	18
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	18
4	Pyridine, 4-(phenylmethyl)-	169	C12H11N	002116-65-6	18
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	18





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Operator : MJ/SJ
Sample : J5184-06
Misc :
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Instrument : BNA_M
ClientSampleId : JLC25

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Quant Title : SVOA CALIBRATION

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

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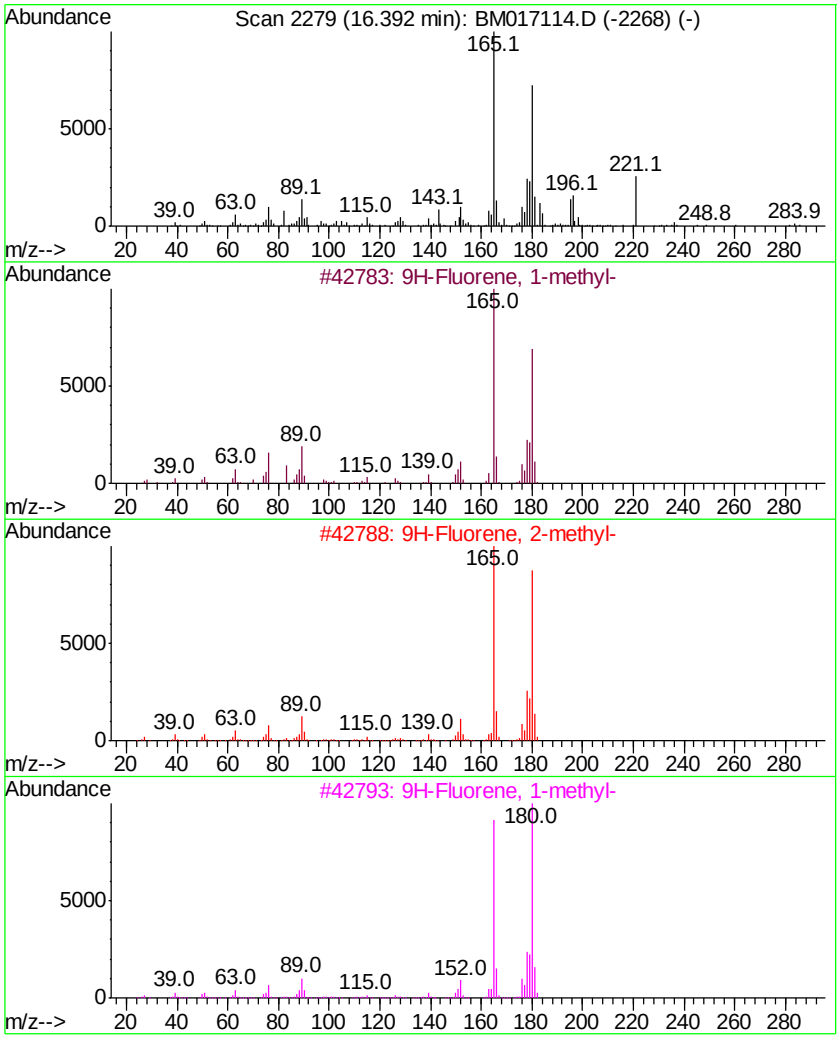
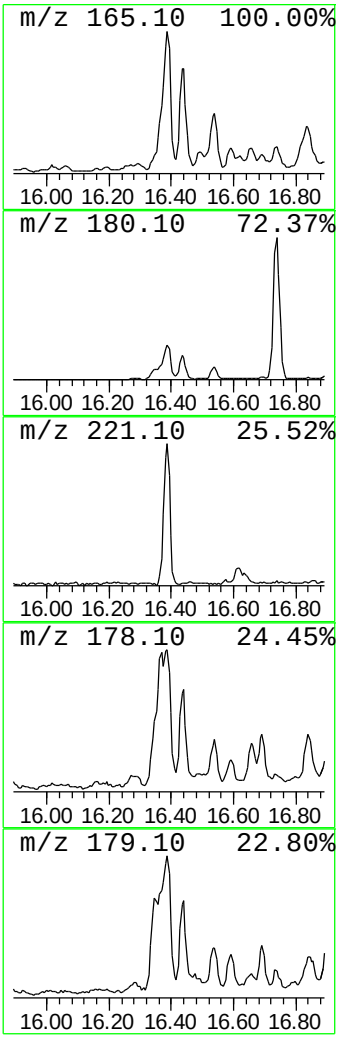
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	5.43 ng/ul	1137340	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	92





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Quant Title : SVOA CALIBRATION

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

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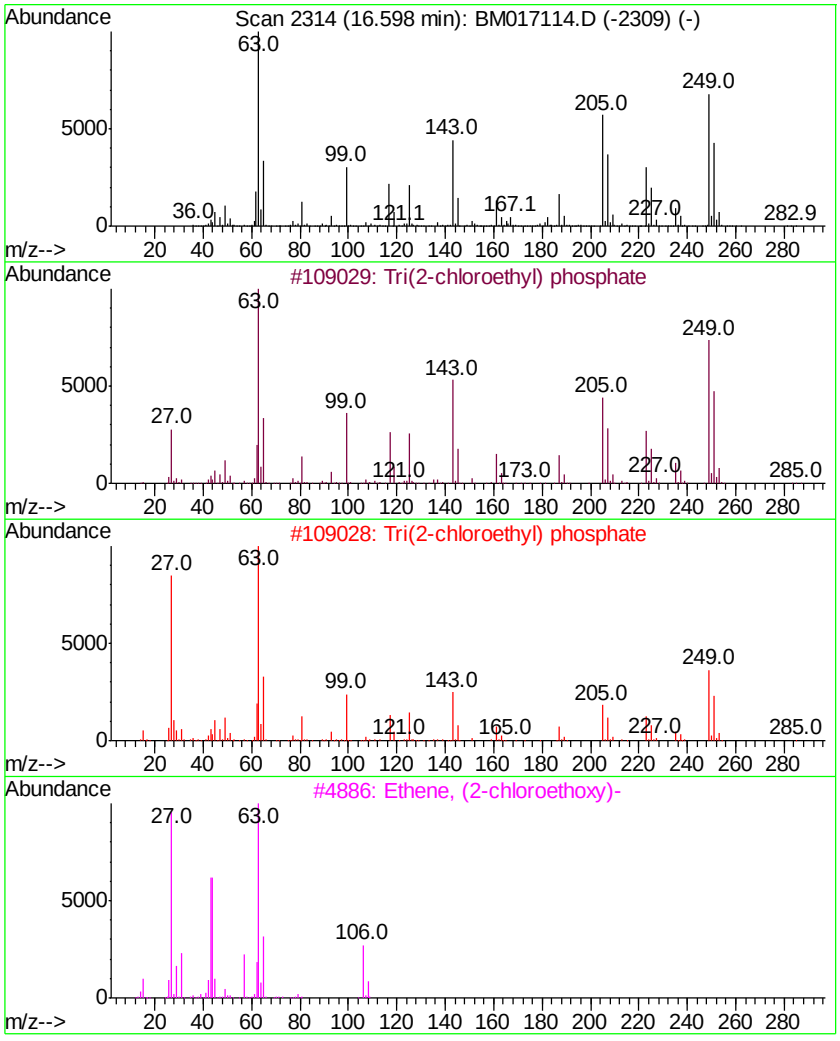
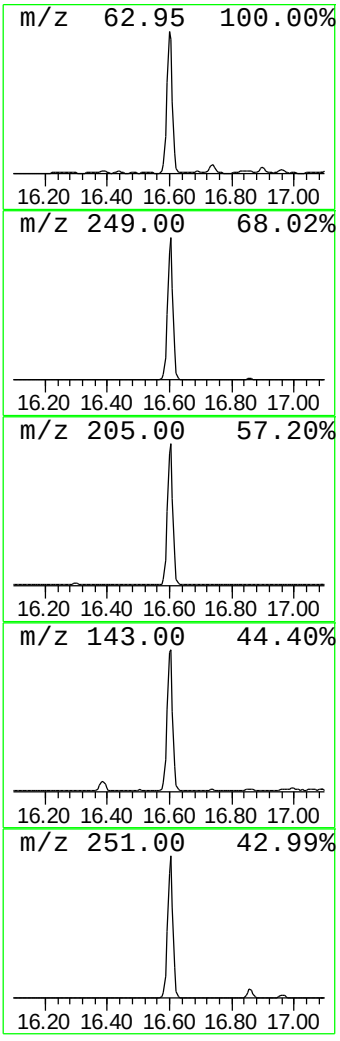
Peak Number 7 Tri(2-chloroethyl) phosphate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	19.00 ng/ul	3976350	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	95
2	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	90
3	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	43
4	1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	43
5	Oxalyl chloride	126	C2Cl2O2	000079-37-8	38





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Quant Title : SVOA CALIBRATION

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

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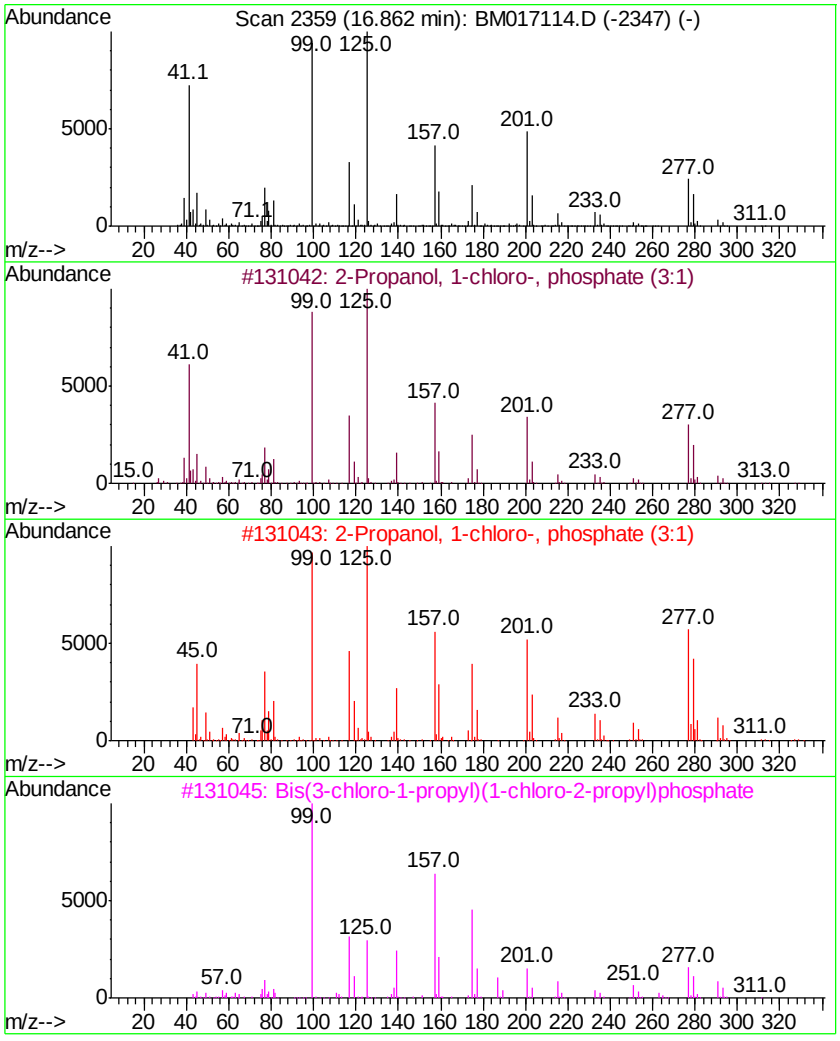
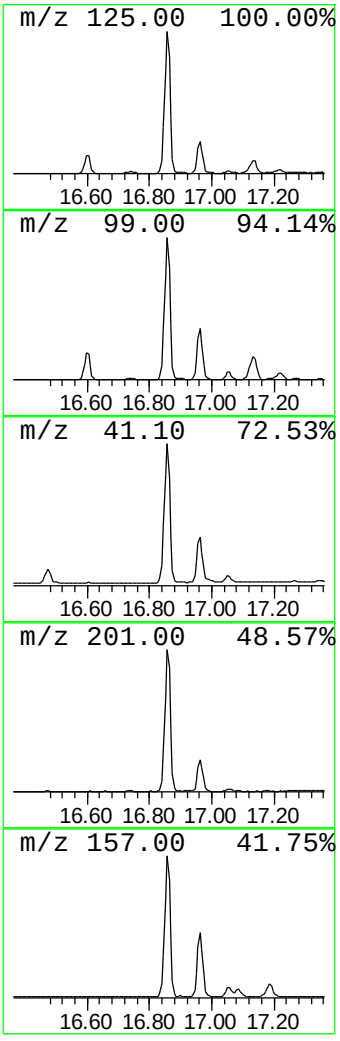
Peak Number 8 2-Propanol, 1-chloro-, phos... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	32.91 ng/ul	6887370	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	90
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	64
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	32
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	10
5	Isopropylphosphonic acid, dicylc...	260	C13H25O3P	1000273-18-4	9





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Quant Title : SVOA CALIBRATION

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

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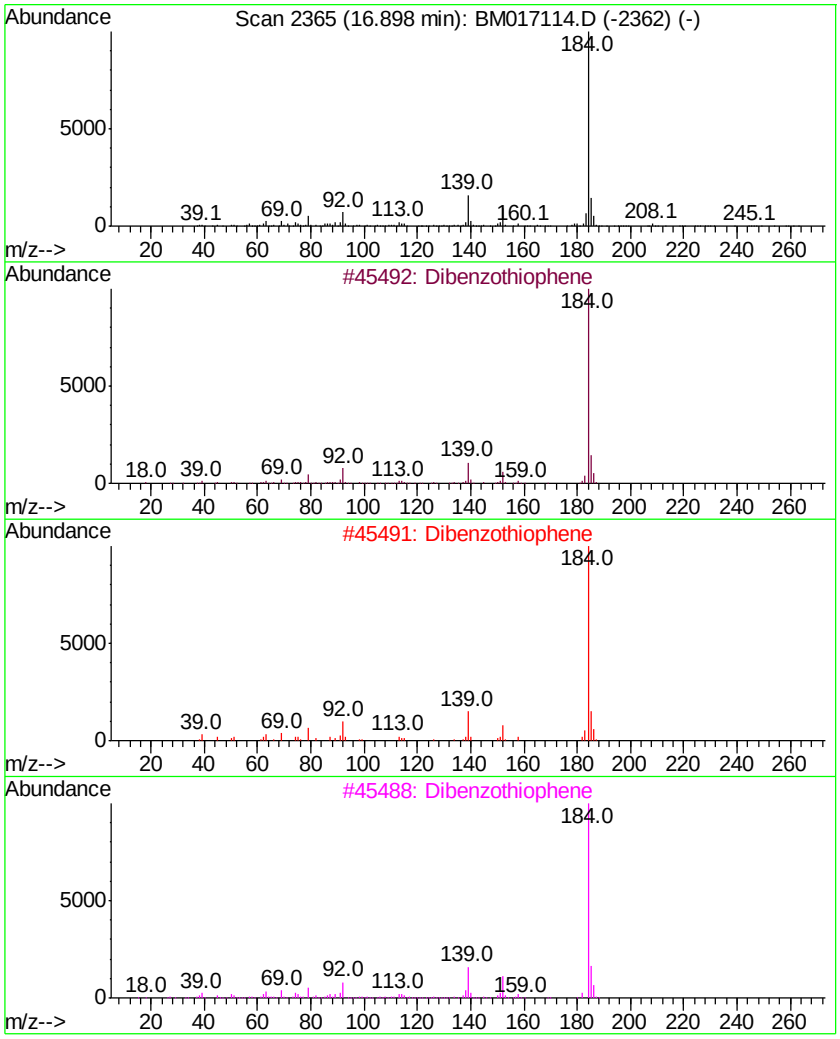
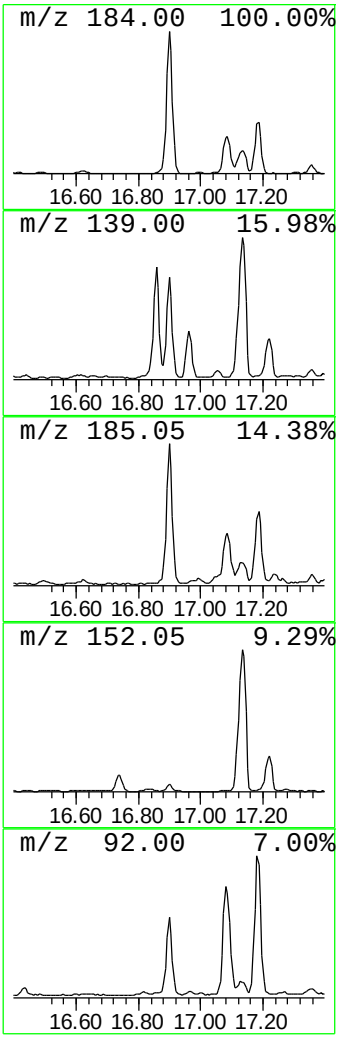
Peak Number 9 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	7.71 ng/ul	1612570	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Quant Title : SVOA CALIBRATION

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

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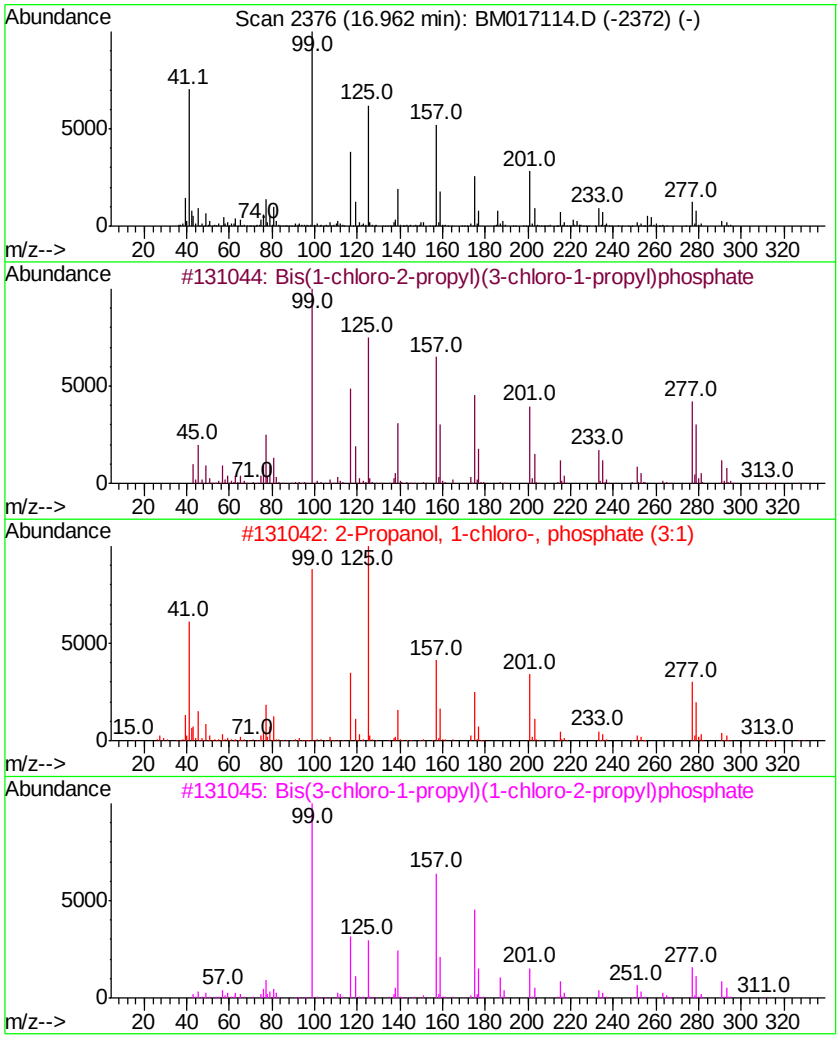
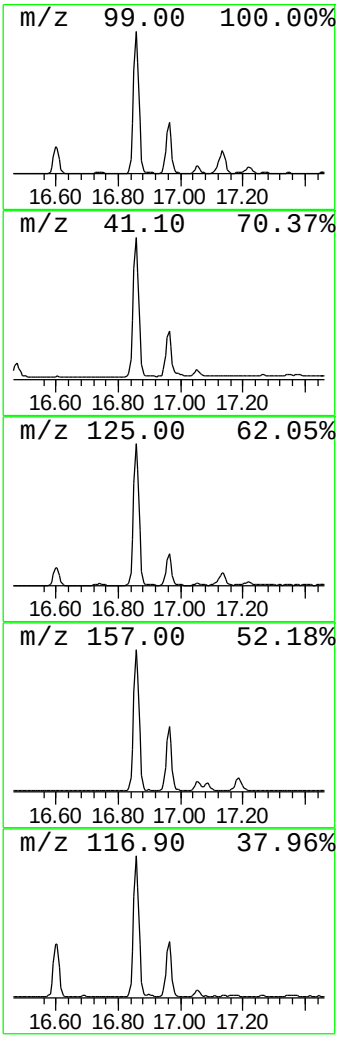
Peak Number 10 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	8.63 ng/ul	1806320	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	47
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	47
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	33
5	Sarin	140	C4H10FO2P	000107-44-8	25





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Quant Title : SVOA CALIBRATION

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

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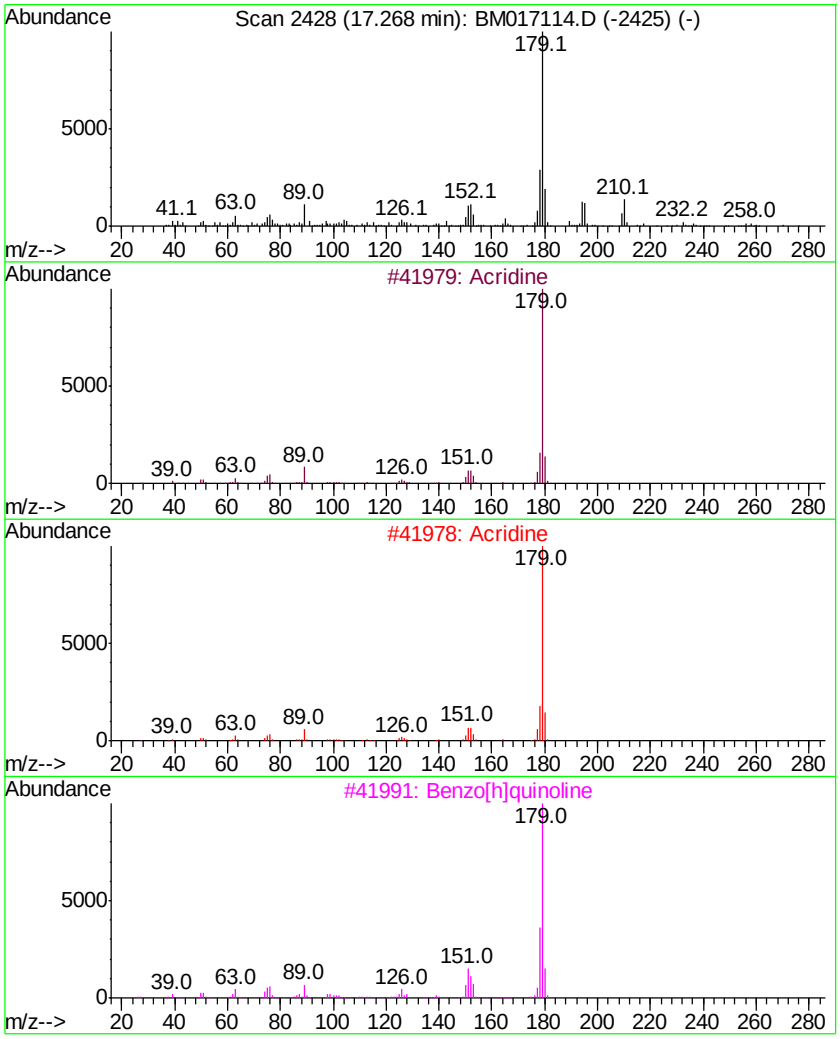
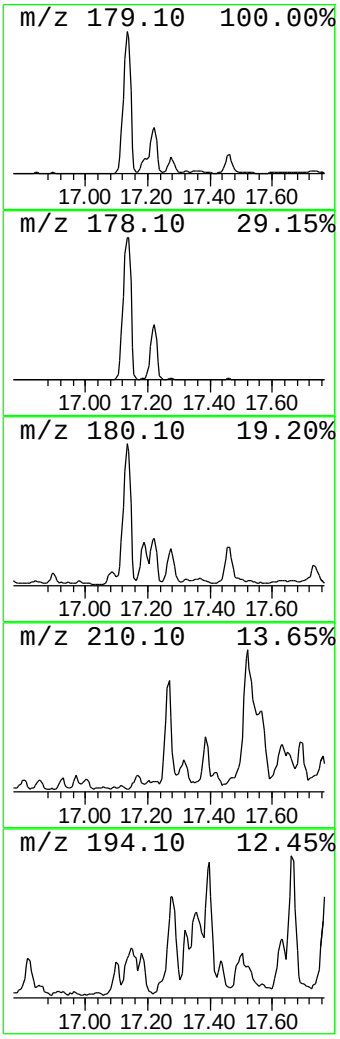
Peak Number 11 Acridine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	4.50 ng/ul	940822	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	Acridine	179	C13H9N	000260-94-6	94
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	91
4	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	90
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	87





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Quant Title : SVOA CALIBRATION

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

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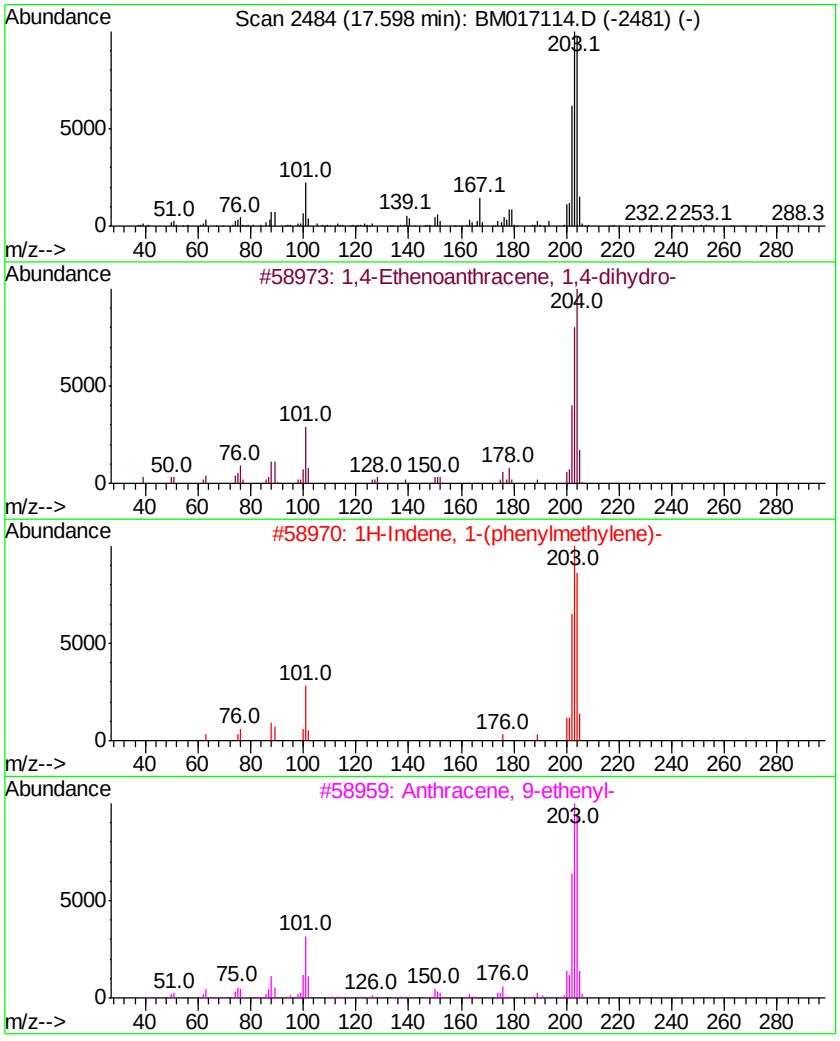
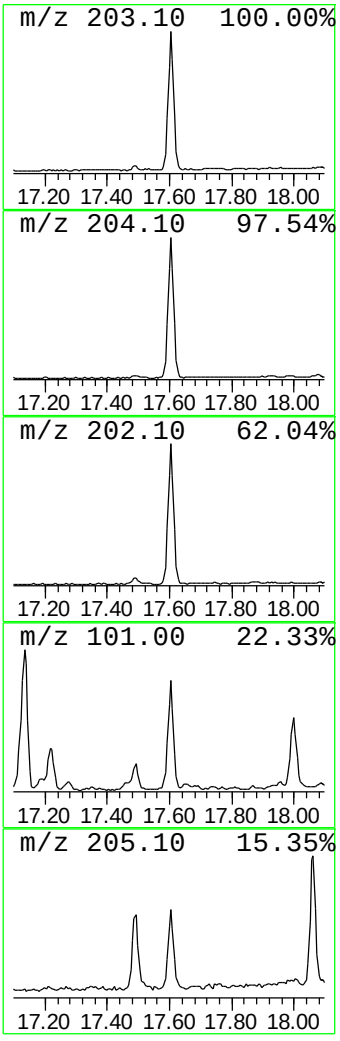
Peak Number 12 1,4-Ethenoanthracene, 1,4-d... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	3.98 ng/ul	832856	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	90
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	86
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	86
4	Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	76
5	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	64





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TIC Integration Parameters: LSCINT.P

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Peak Number 13 Dibenzothiophene, 3-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	3.31 ng/ul	693369	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	60
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49
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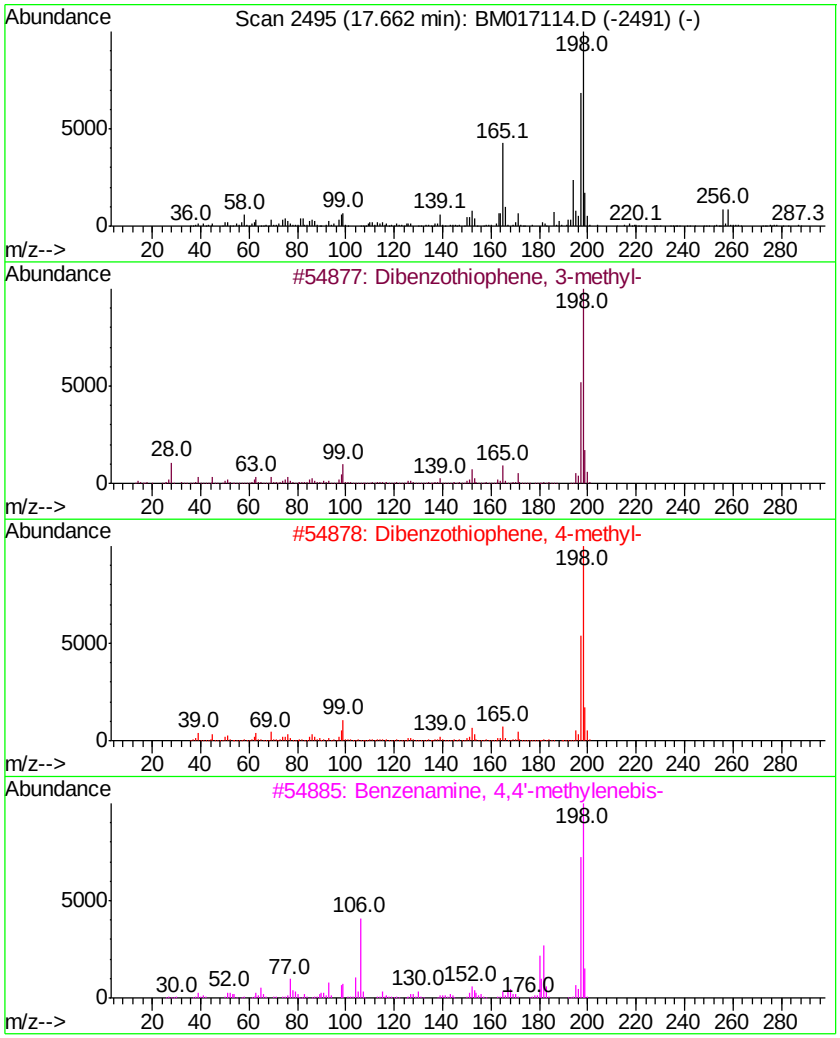

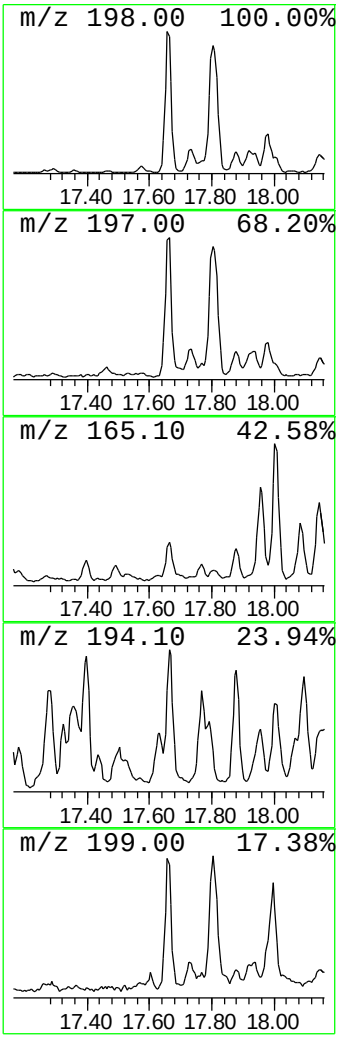

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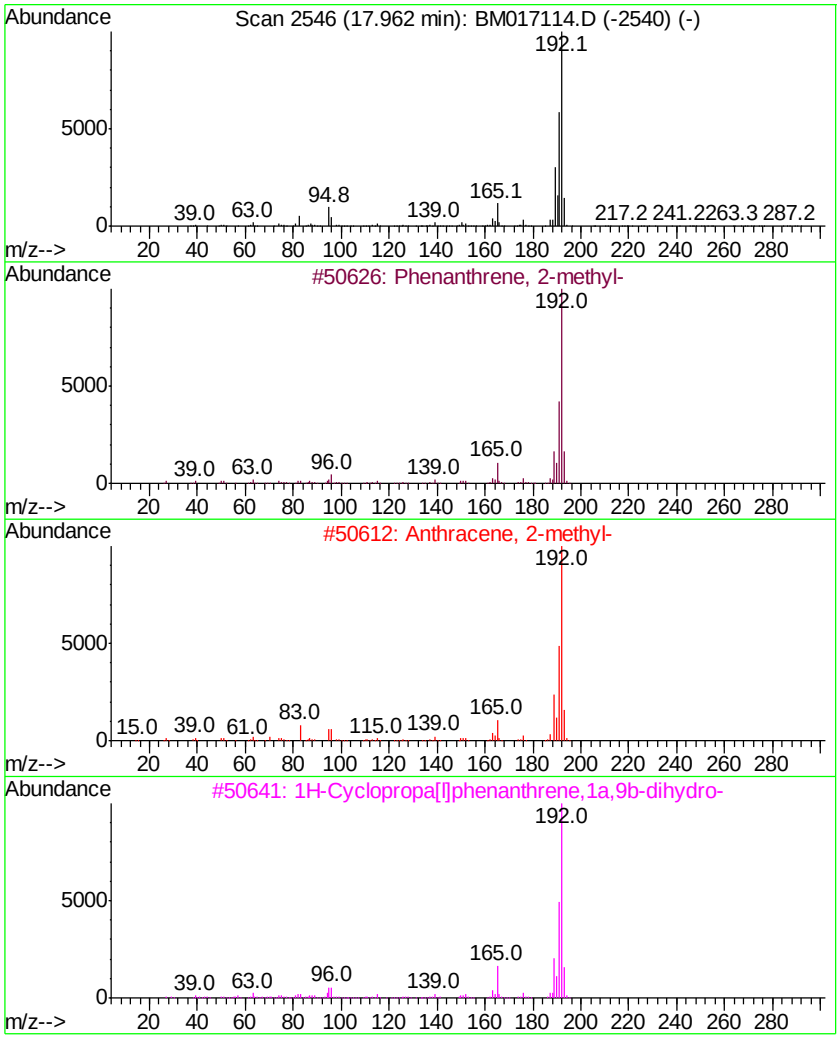
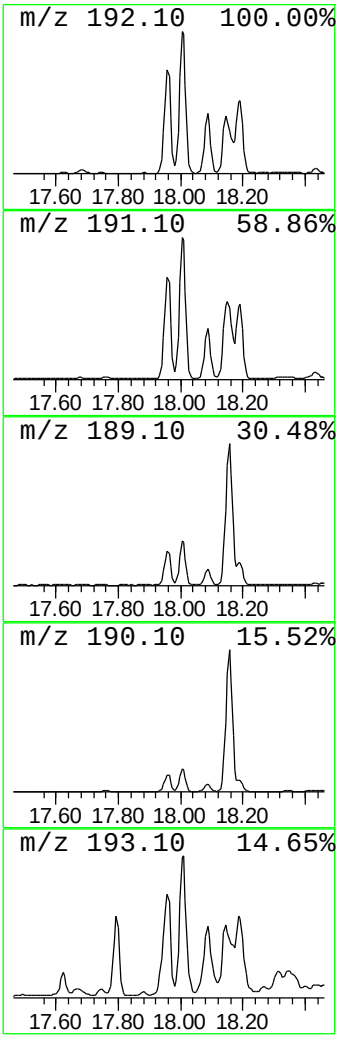
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	17.42 ng/ul	3644880	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	40.68 ng/ul	8514610	Phenanthrene-d10	17.09

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
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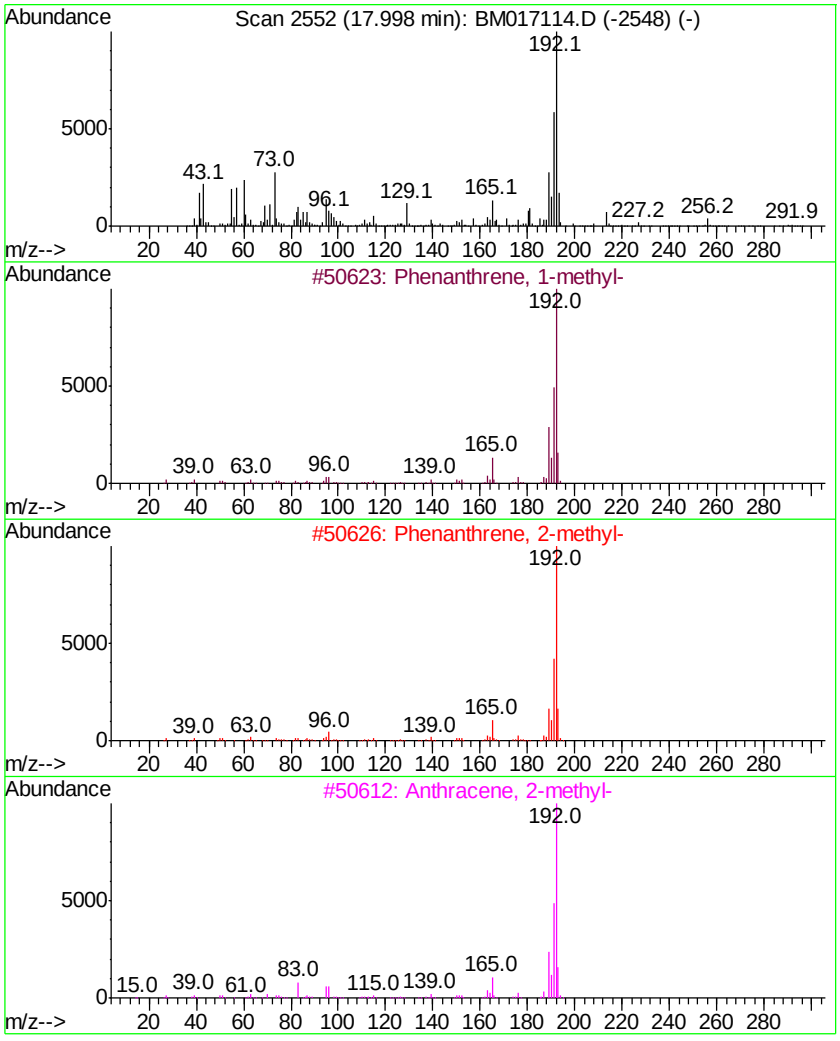

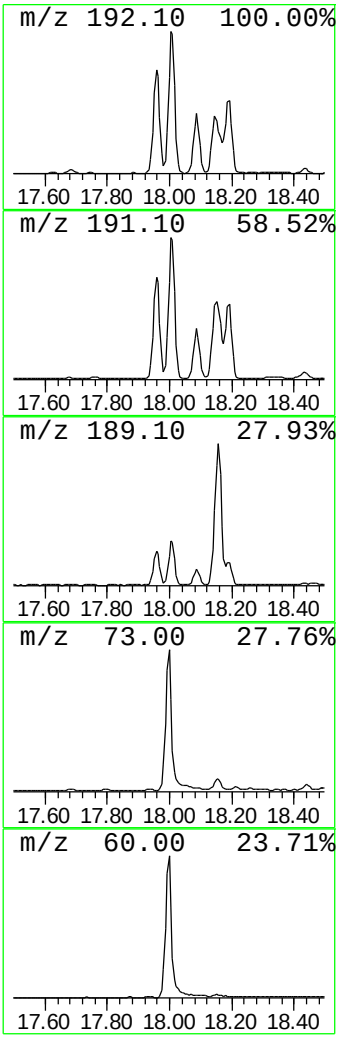

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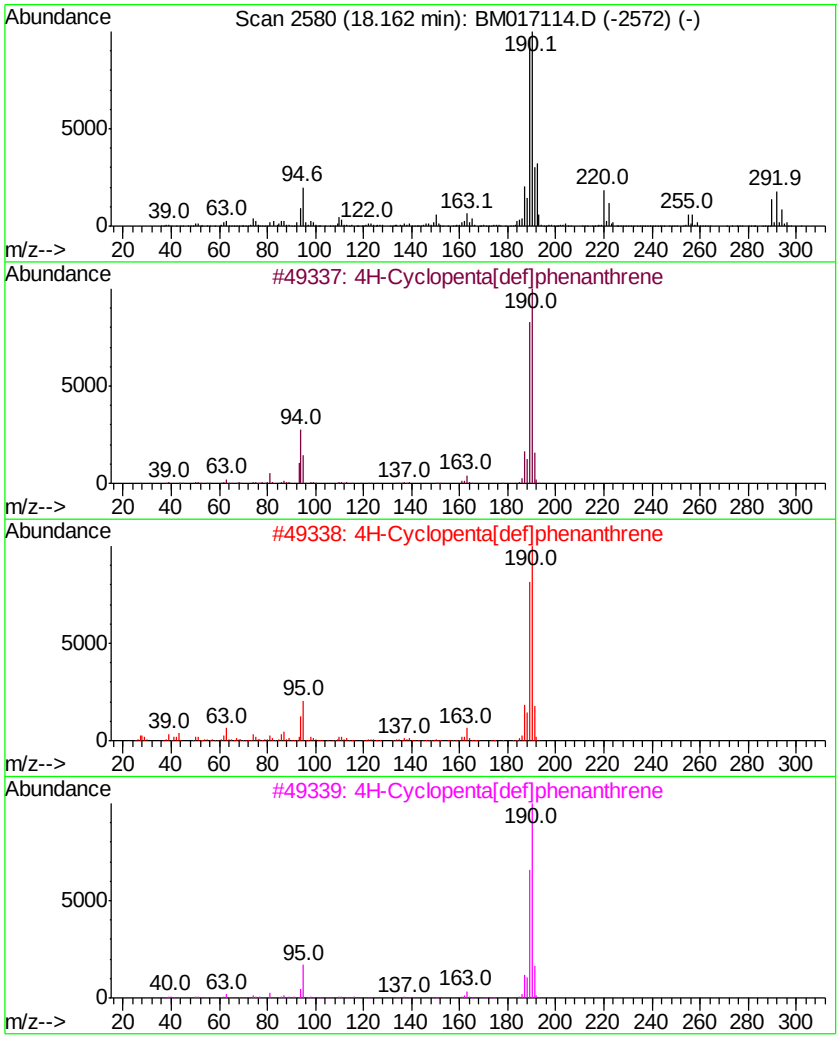
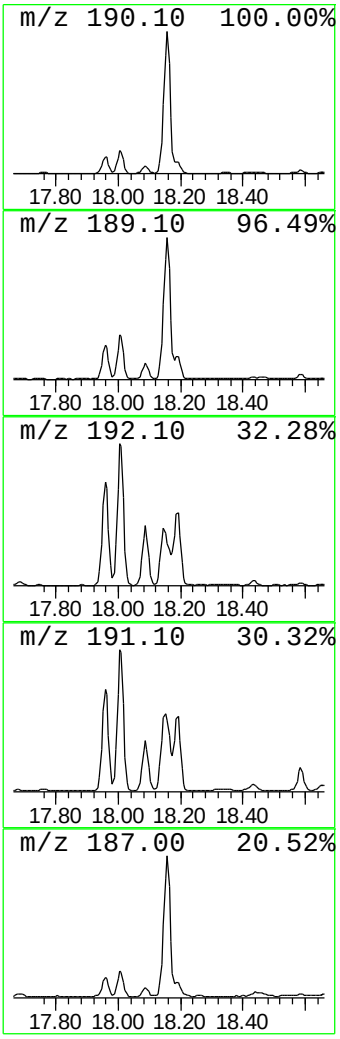
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	53.75 ng/ul	11249100	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	49
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





Library Search Compound Report

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Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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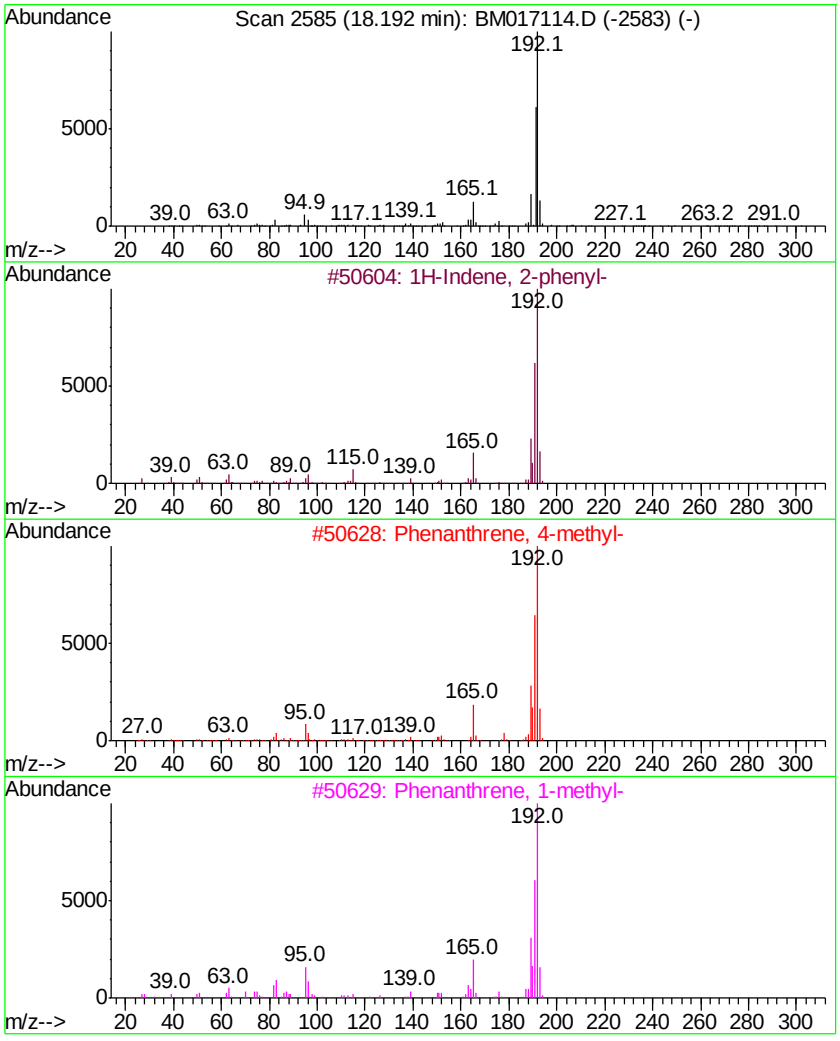
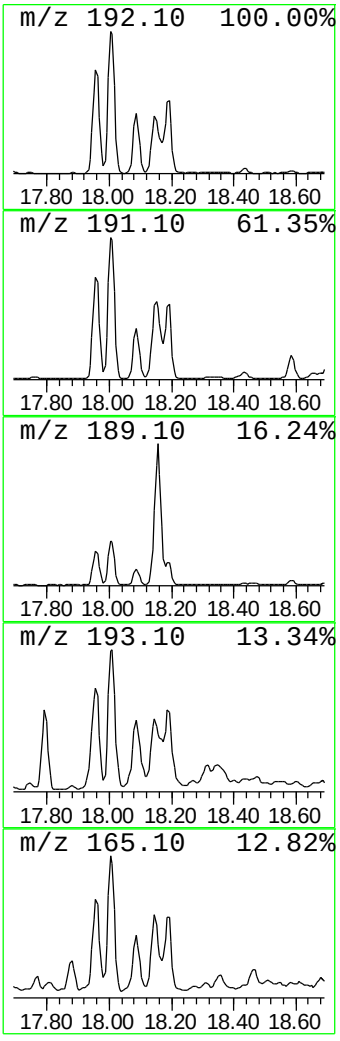
Peak Number 18 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	10.91 ng/ul	2282670	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





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Quant Title : SVOA CALIBRATION

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

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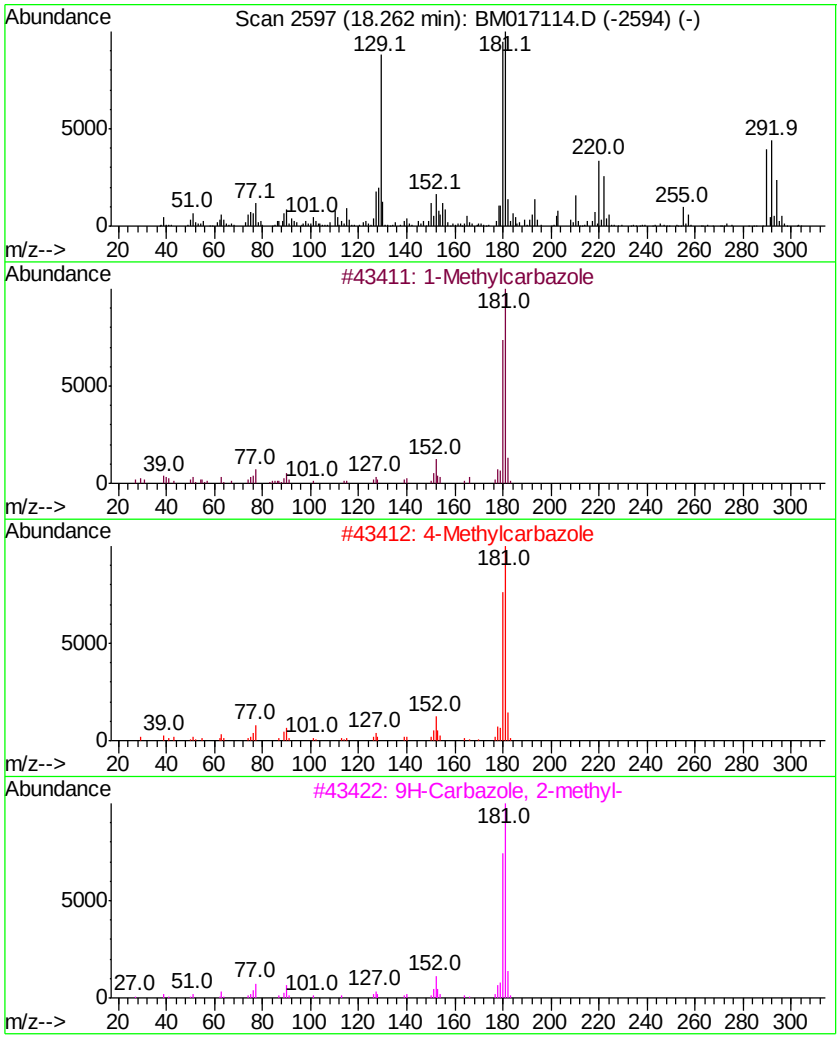
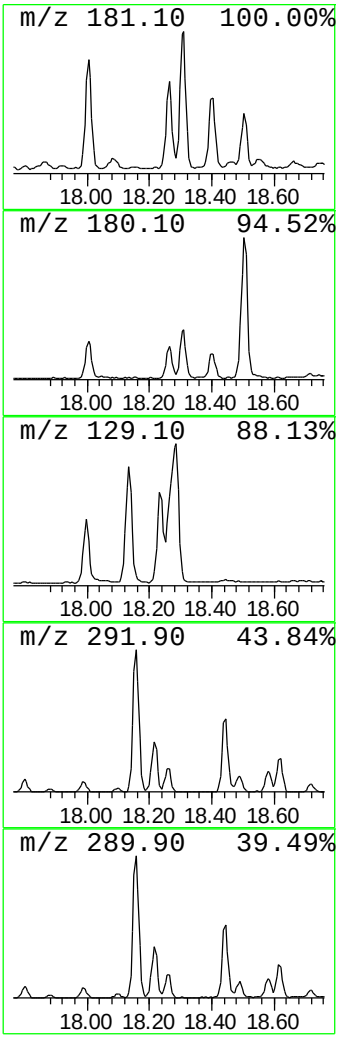
Peak Number 19 1-Methylcarbazole Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.93 ng/ul	612842	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcarbazole	181	C13H11N	006510-65-2	93
2	4-Methylcarbazole	181	C13H11N	003770-48-7	86
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	83
4	3-Methylcarbazole	181	C13H11N	004630-20-0	51
5	3-Methylcarbazole	181	C13H11N	004630-20-0	42





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Instrument : BNA_M
ClientSampleId : JLC25

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Quant Title : SVOA CALIBRATION

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

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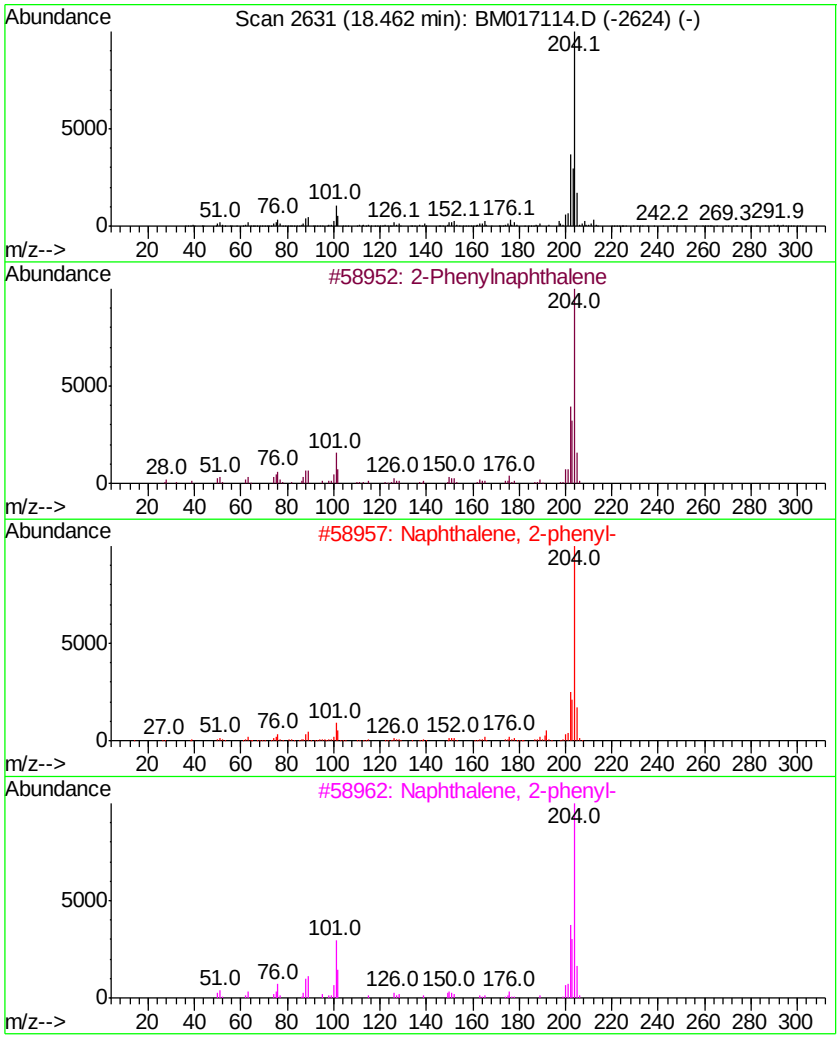
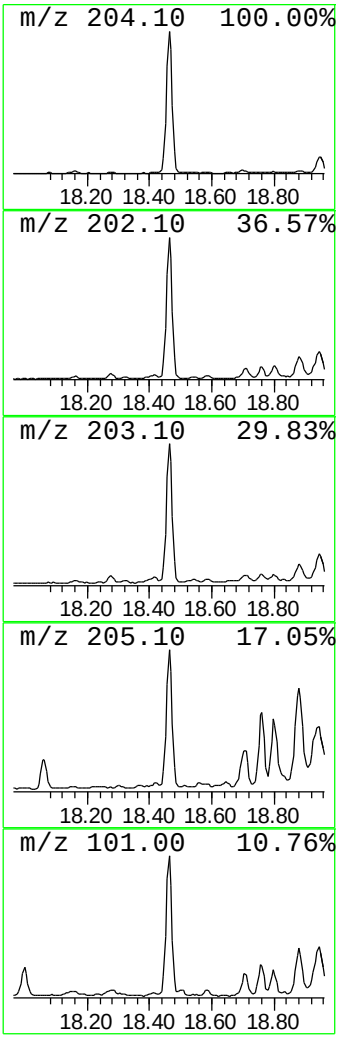
Peak Number 20 2-Phenylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	23.20 ng/ul	4856120	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Instrument : BNA_M
ClientSampleId : JLC25

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Quant Title : SVOA CALIBRATION

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

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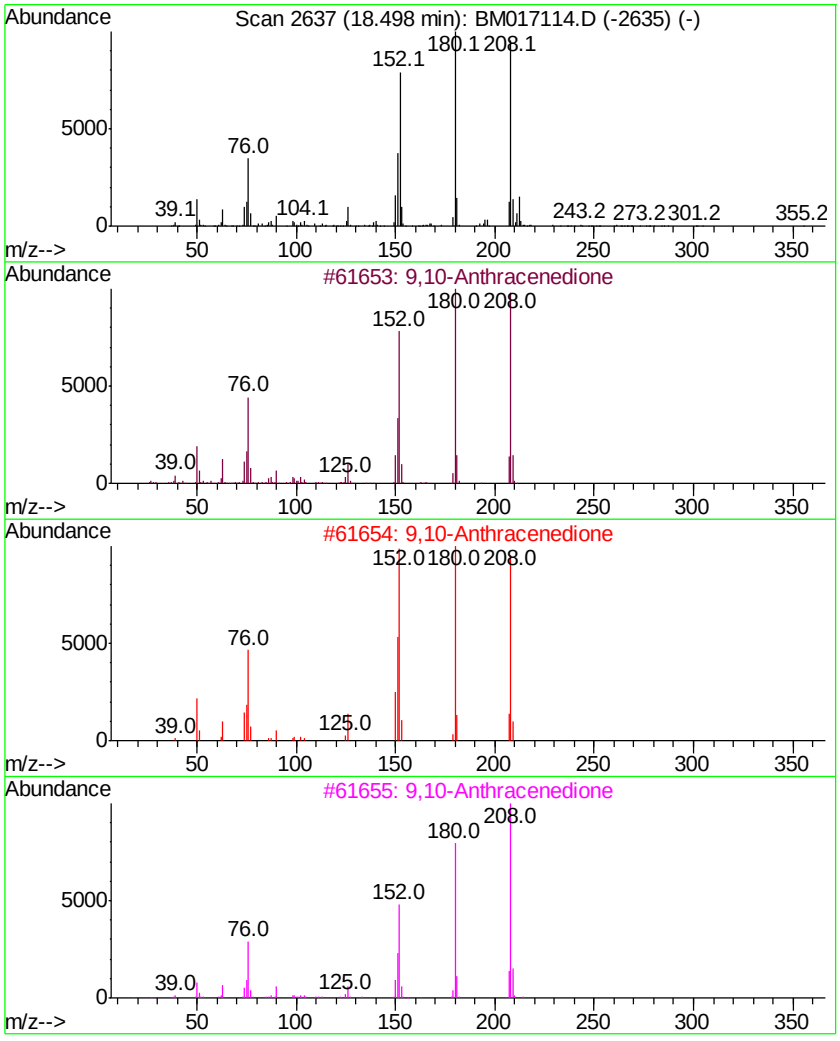
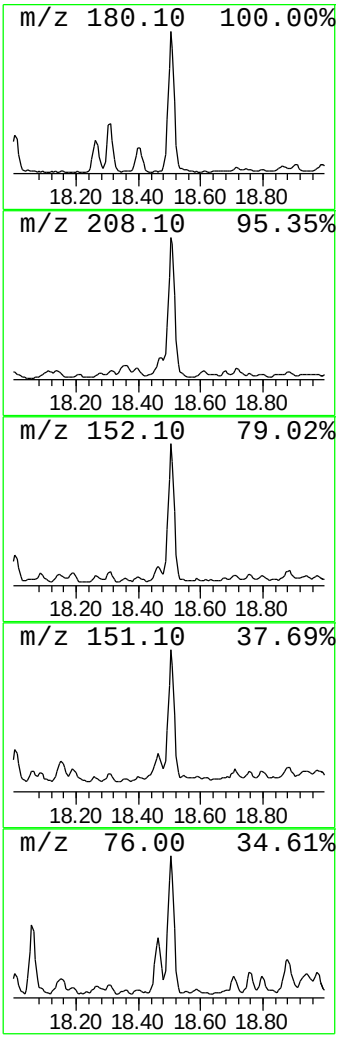
Peak Number 21 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	9.93 ng/ul	2077990	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64





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Quant Title : SVOA CALIBRATION

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

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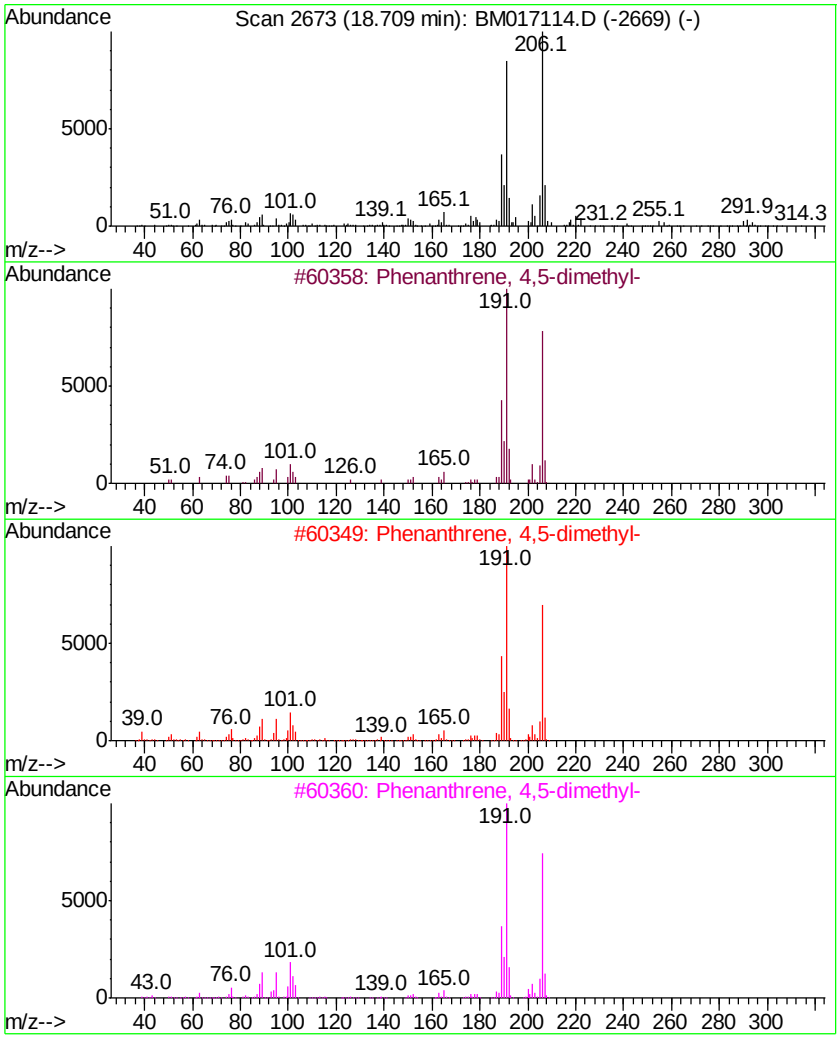
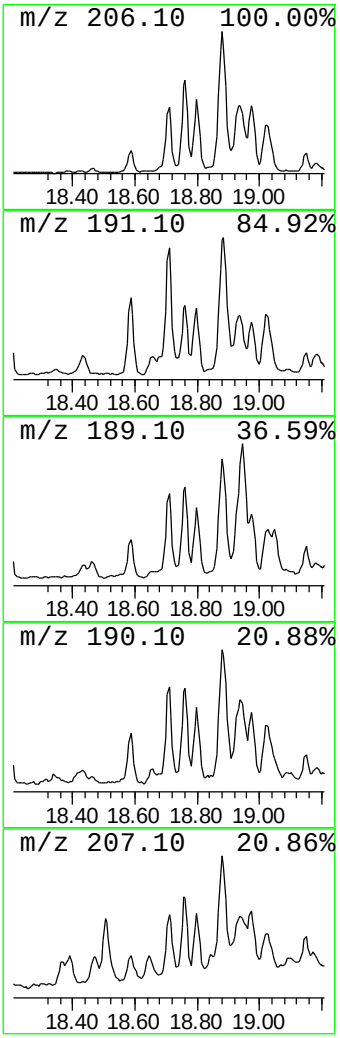
Peak Number 22 Phenanthrene, 4,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	6.01 ng/ul	1257580	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93





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Sample : J5184-06
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Instrument : BNA_M
ClientSampleId : JLC25

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Quant Title : SVOA CALIBRATION

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

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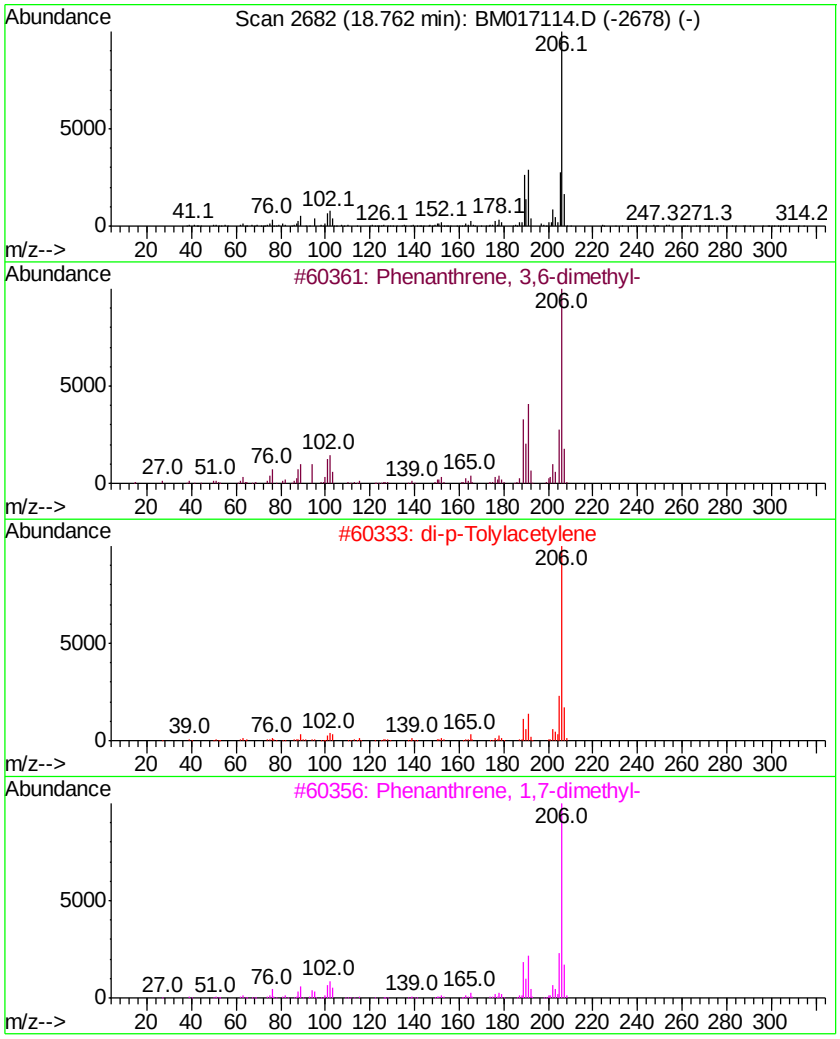
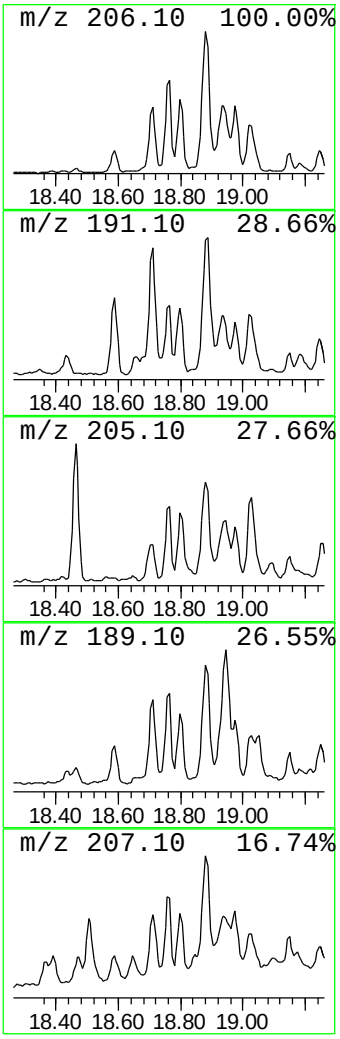
Peak Number 23 Phenanthrene, 3,6-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	5.26 ng/ul	1100090	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Instrument : BNA_M
ClientSampleId : JLC25

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Quant Title : SVOA CALIBRATION

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

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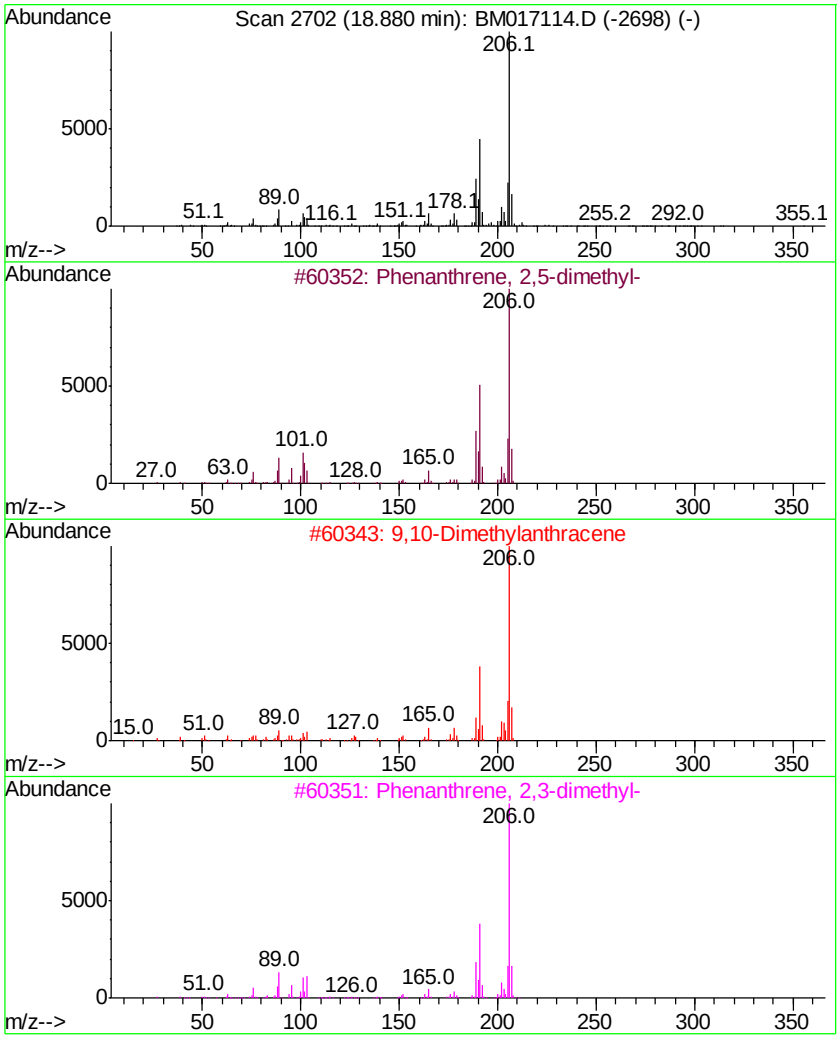
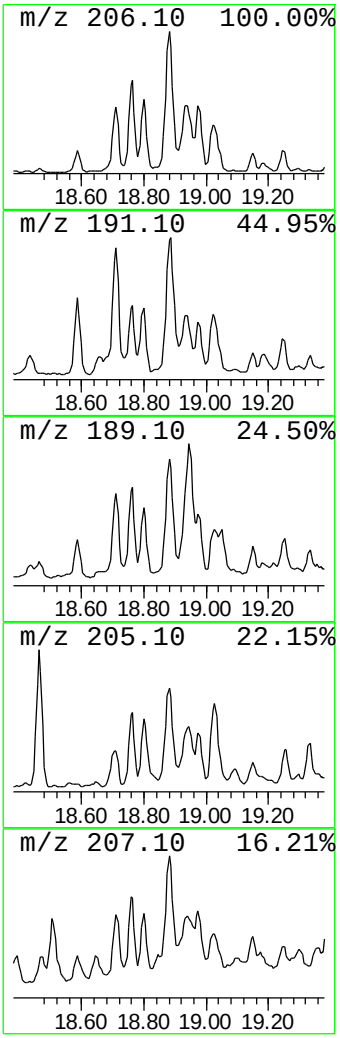
Peak Number 25 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	10.92 ng/ul	2286390	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Instrument : BNA_M
ClientSampleId : JLC25

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Quant Title : SVOA CALIBRATION

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

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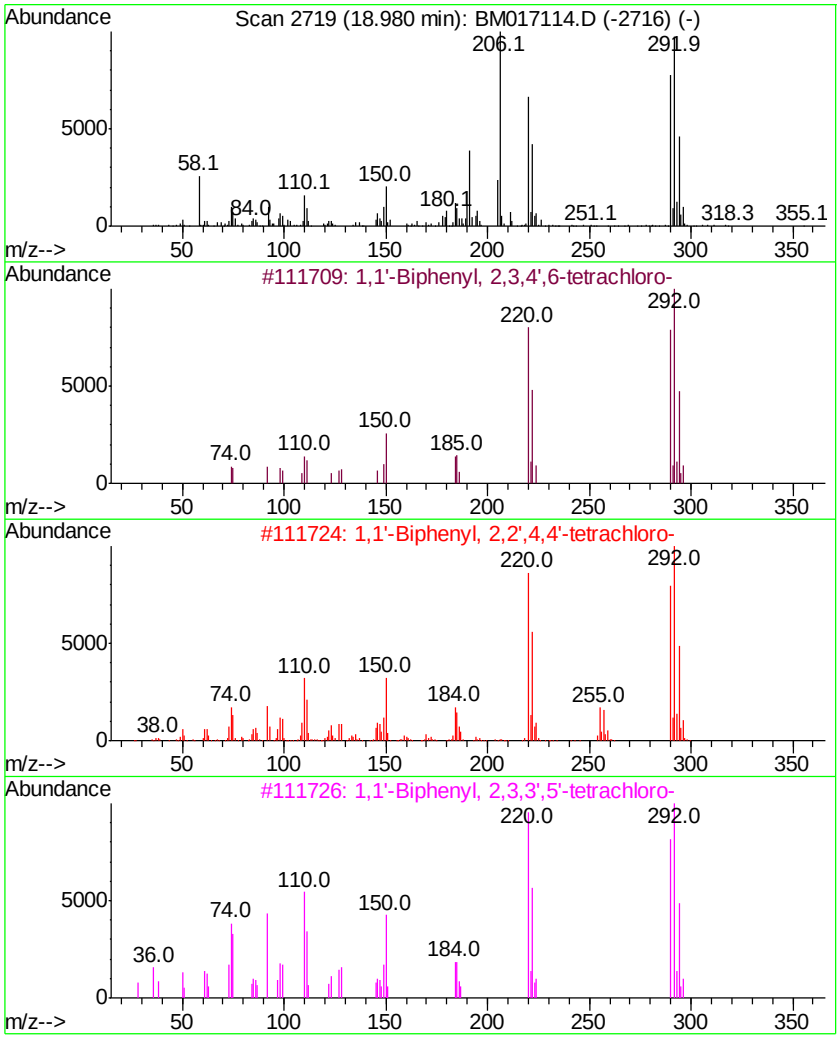
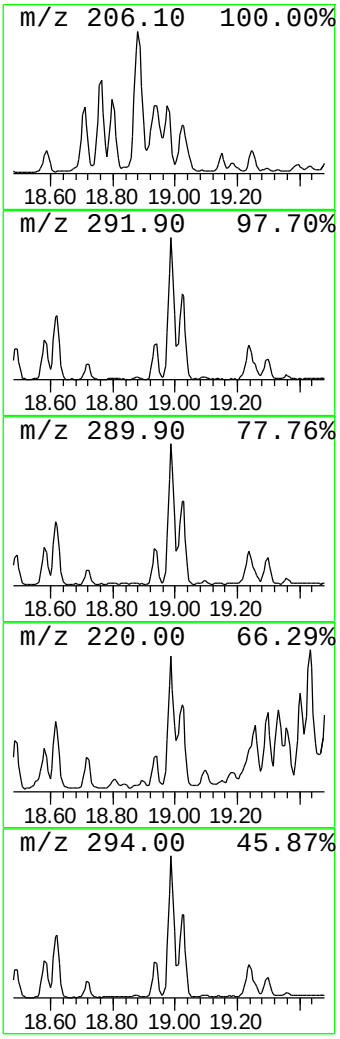
Peak Number 27 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	5.61 ng/ul	1174370	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





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Quant Title : SVOA CALIBRATION

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

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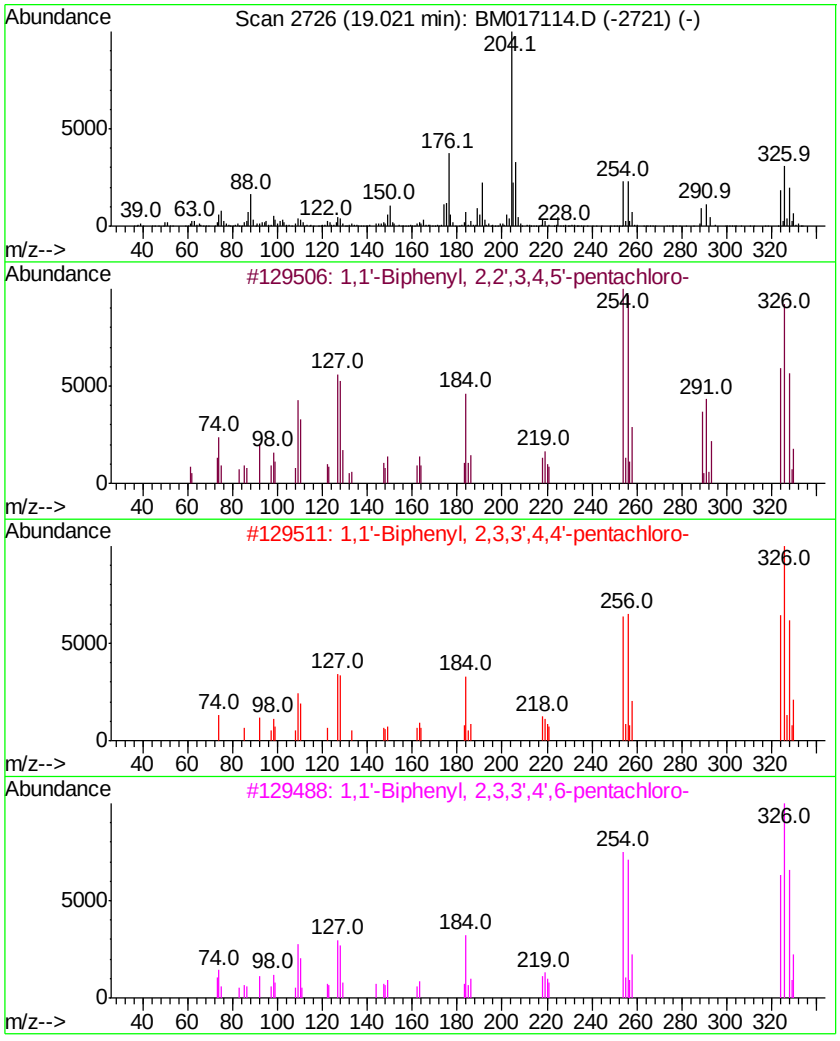
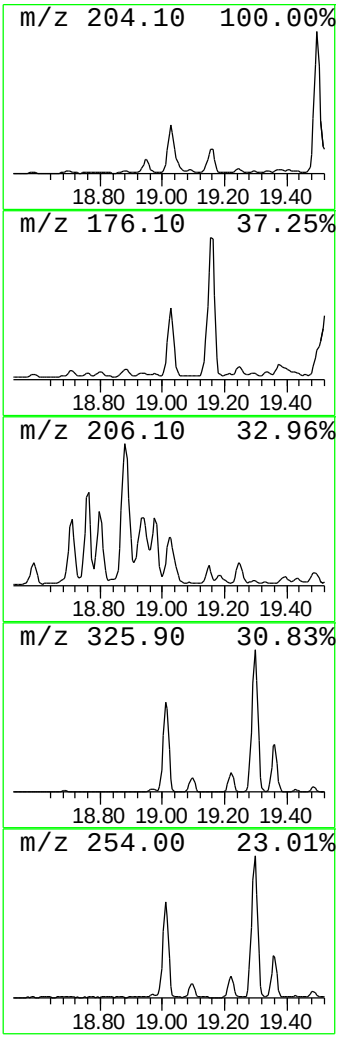
Peak Number 28 1,1'-Biphenyl, 2,2',3,4,5'-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	28.97 ng/ul	6062220	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





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Quant Title : SVOA CALIBRATION

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

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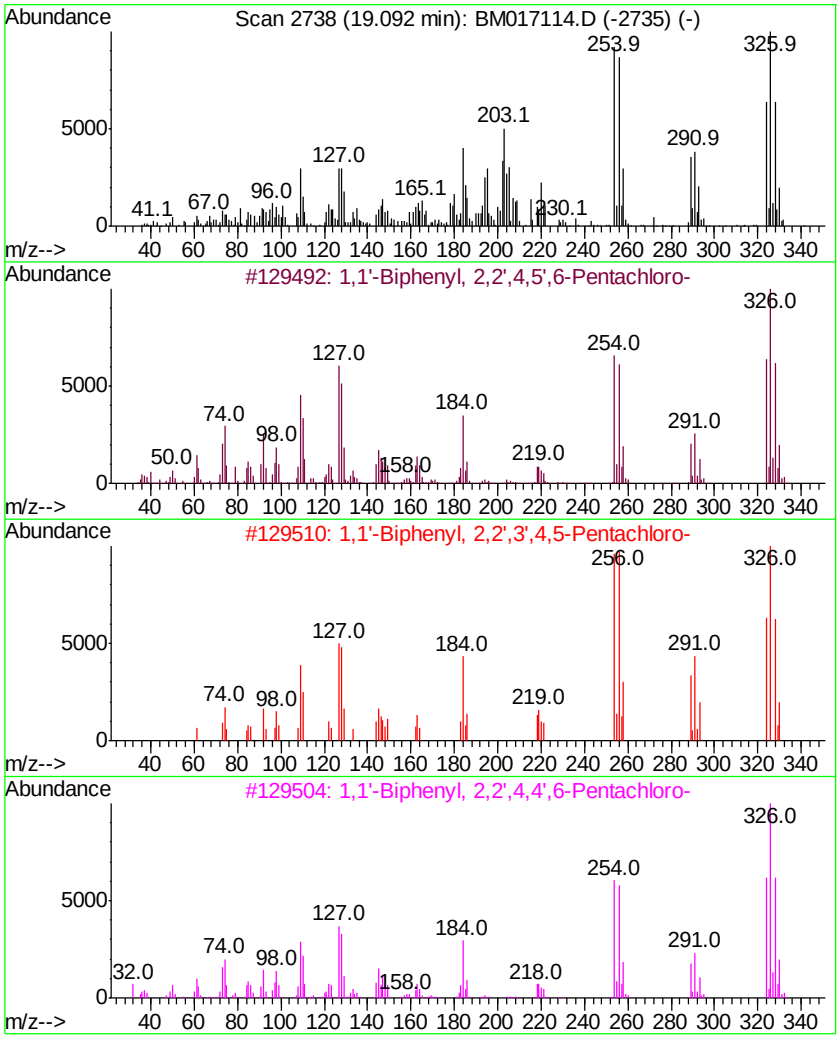
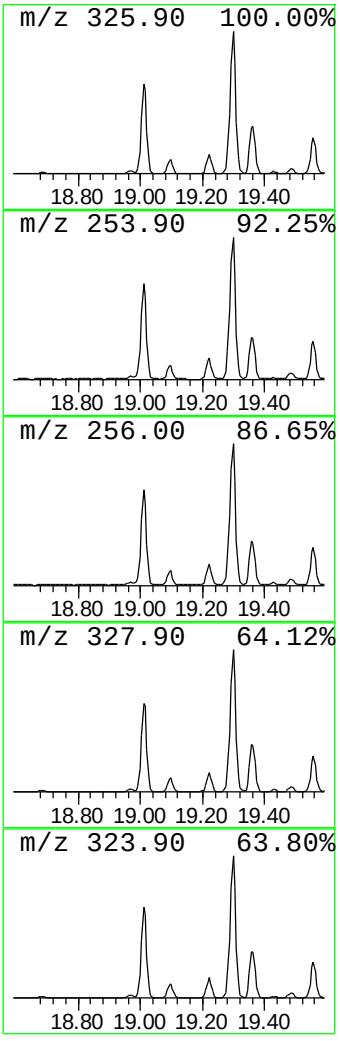
Peak Number 29 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	3.40 ng/ul	711513	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99





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Quant Title : SVOA CALIBRATION

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

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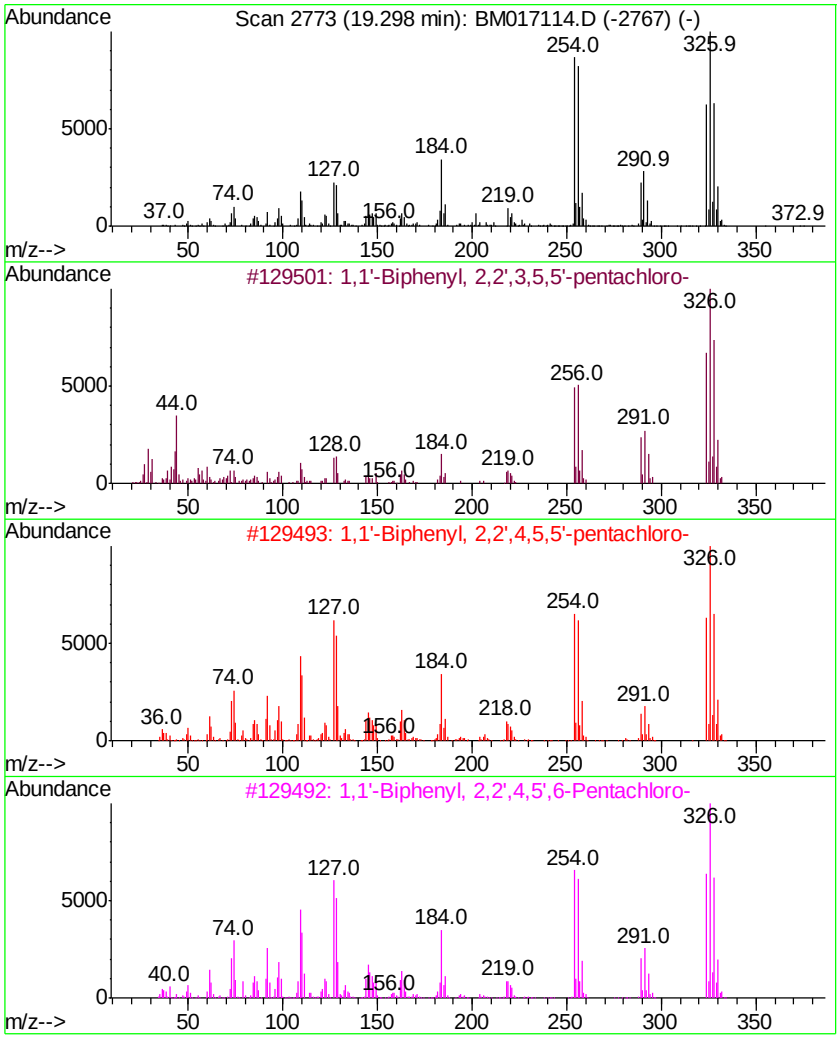
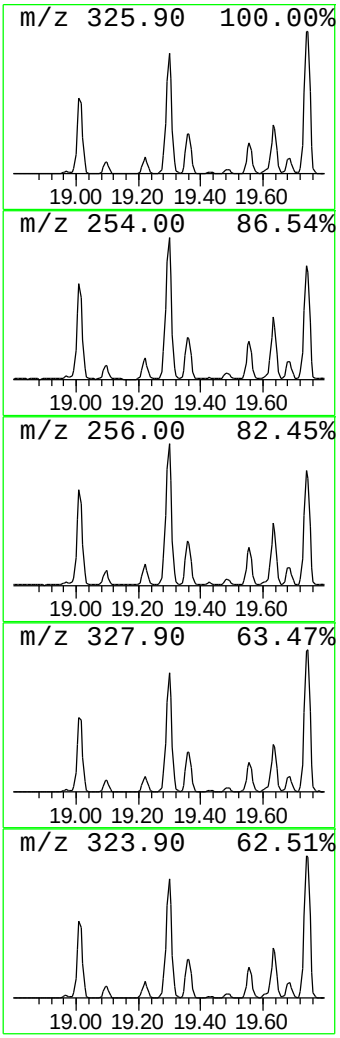
Peak Number 30 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	4.95 ng/ul	6470830	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	95
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	94
5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	94





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Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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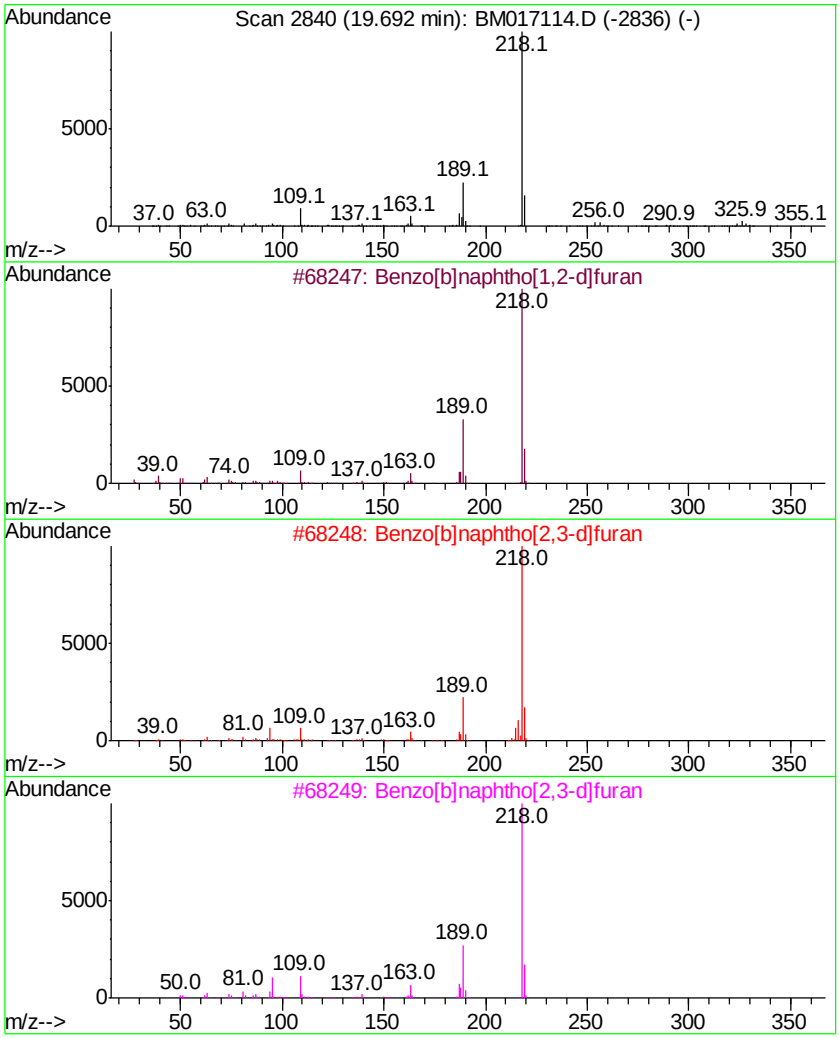
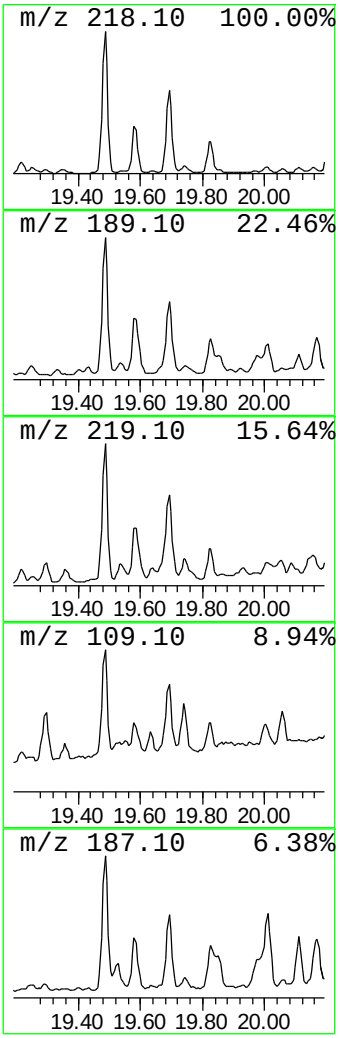
Peak Number 31 Benzo[b]naphtho[1,2-d]furan Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.34 ng/ul	3066060	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	96
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	90
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	87
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	87
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	87





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Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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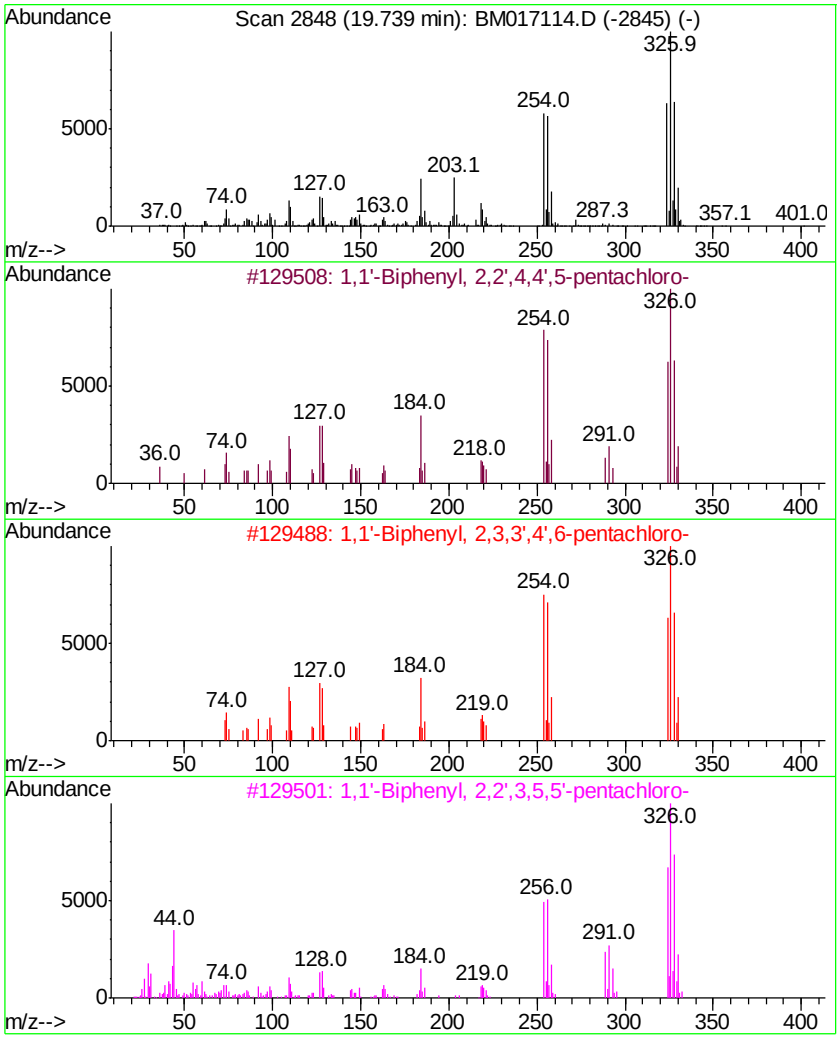
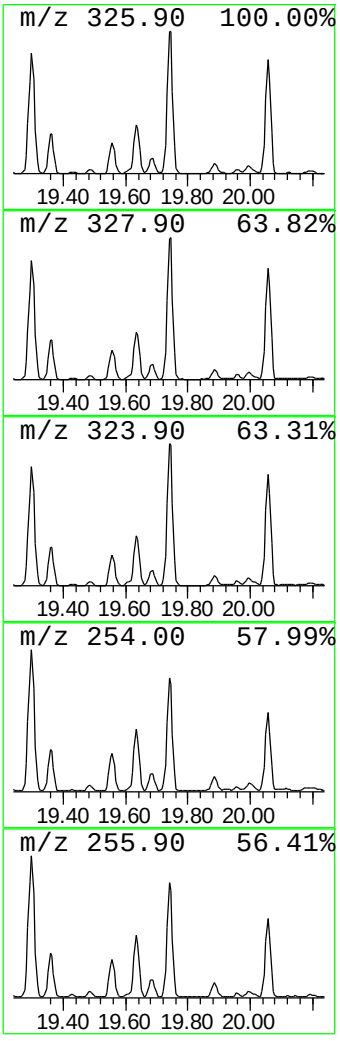
Peak Number 32 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	5.32 ng/ul	6961500	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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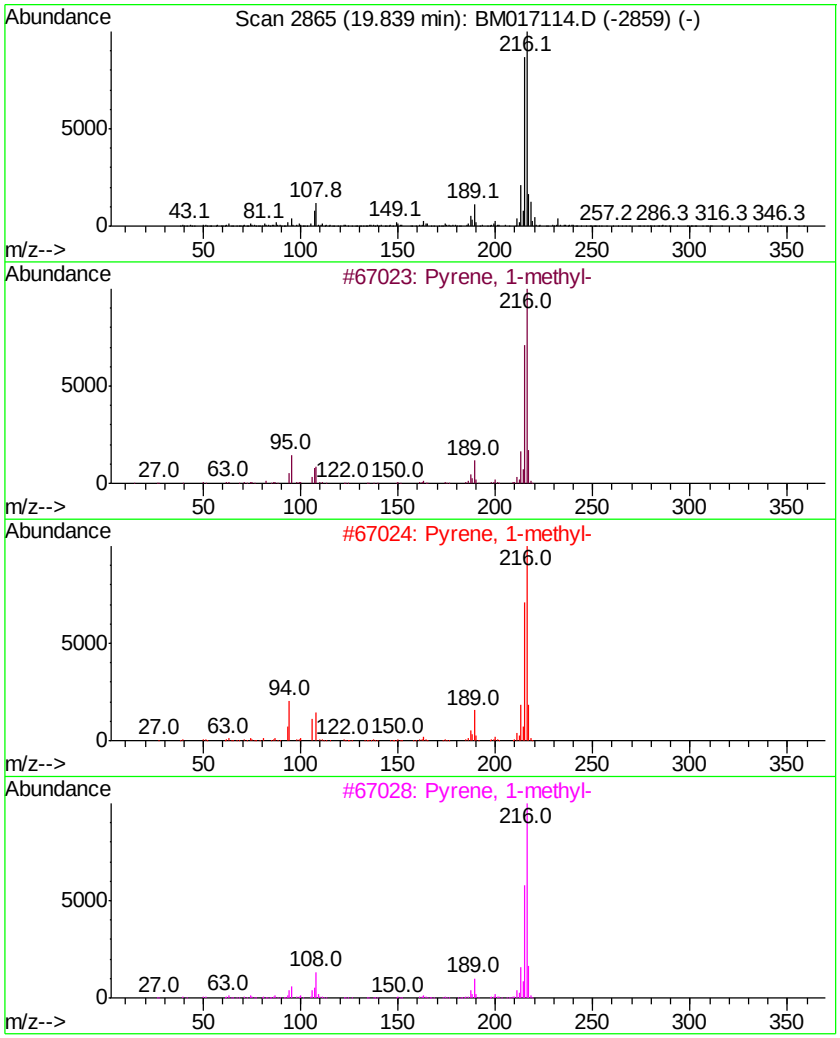
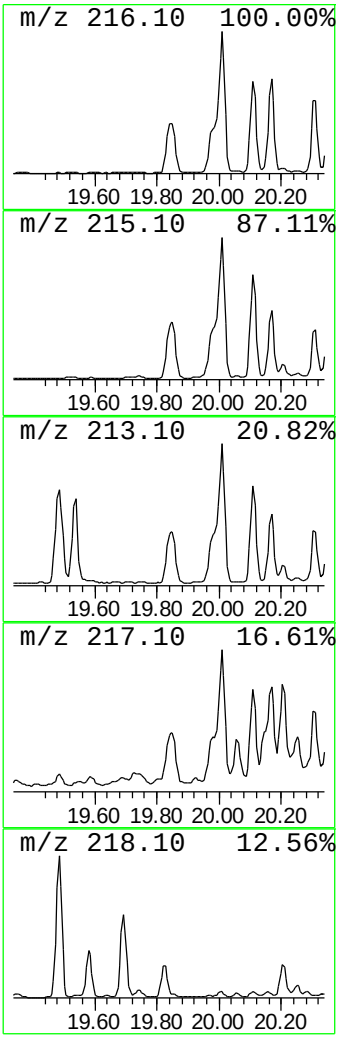
Peak Number 33 Pyrene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	3.81 ng/ul	4985480	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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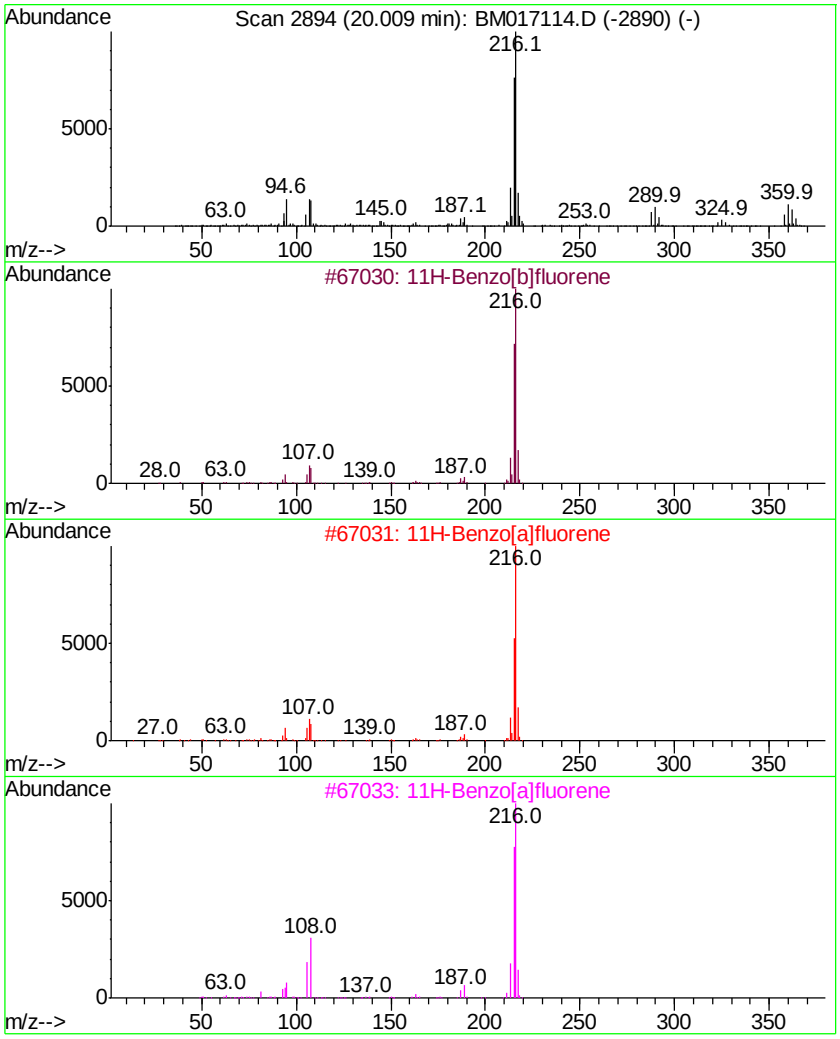
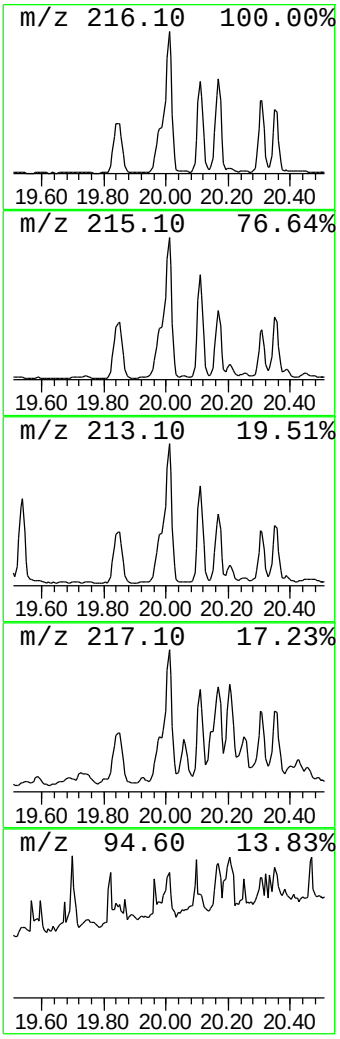
Peak Number 34 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	5.99 ng/ul	7837270	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101018\
Data File : BM017114.D
Acq On : 11 Oct 2018 01:24
Operator : MJ/SJ
Sample : J5184-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
[1,1'-Biphenyl]-4...	15.68	3.3	ng/ul	641594	3	14.33	3886360	20.0
Dibenzofuran, 4-m...	15.83	4.0	ng/ul	845455	4	17.09	4185680	20.0
Benzenesulfonamid...	15.93	2.7	ng/ul	566909	4	17.09	4185680	20.0
1(2H)-Acenaphthyl...	16.06	2.7	ng/ul	571211	4	17.09	4185680	20.0
9H-Fluorene, 1-me...	16.39	5.4	ng/ul	1137340	4	17.09	4185680	20.0
Tri(2-chloroethyl...	16.60	19.0	ng/ul	3976350	4	17.09	4185680	20.0
2-Propanol, 1-chl...	16.86	32.9	ng/ul	6887370	4	17.09	4185680	20.0
Dibenzothiophene	16.90	7.7	ng/ul	1612570	4	17.09	4185680	20.0
unknown-01	16.96	8.6	ng/ul	1806320	4	17.09	4185680	20.0
Acridine	17.27	4.5	ng/ul	940822	4	17.09	4185680	20.0
1,4-Ethenoanthrac...	17.60	4.0	ng/ul	832856	4	17.09	4185680	20.0
Dibenzothiophene,...	17.66	3.3	ng/ul	693369	4	17.09	4185680	20.0
Phenanthrene, 2-m...	17.96	17.4	ng/ul	3644880	4	17.09	4185680	20.0
Phenanthrene, 1-m...	18.00	40.7	ng/ul	8514610	4	17.09	4185680	20.0
4H-Cyclopenta[def...	18.16	53.8	ng/ul	11249100	4	17.09	4185680	20.0
1H-Indene, 2-phenyl-	18.19	10.9	ng/ul	2282670	4	17.09	4185680	20.0
1-Methylcarbazole	18.26	2.9	ng/ul	612842	4	17.09	4185680	20.0
2-Phenylnaphthalene	18.46	23.2	ng/ul	4856120	4	17.09	4185680	20.0
9,10-Anthracenedione	18.50	9.9	ng/ul	2077990	4	17.09	4185680	20.0
Phenanthrene, 4,5...	18.71	6.0	ng/ul	1257580	4	17.09	4185680	20.0
Phenanthrene, 3,6...	18.76	5.3	ng/ul	1100090	4	17.09	4185680	20.0
Phenanthrene, 2,5...	18.88	10.9	ng/ul	2286390	4	17.09	4185680	20.0
1,1'-Biphenyl, 2,...	18.98	5.6	ng/ul	1174370	4	17.09	4185680	20.0
1,1'-Biphenyl, 2,...	19.02	29.0	ng/ul	6062220	4	17.09	4185680	20.0
1,1'-Biphenyl, 2,...	19.09	3.4	ng/ul	711513	4	17.09	4185680	20.0
1,1'-Biphenyl, 2,...	19.30	5.0	ng/ul	6470830	5	21.29	26162800	20.0
Benzo[b]naphtho[1...	19.69	2.3	ng/ul	3066060	5	21.29	26162800	20.0
1,1'-Biphenyl, 2,...	19.74	5.3	ng/ul	6961500	5	21.29	26162800	20.0
Pyrene, 1-methyl-	19.84	3.8	ng/ul	4985480	5	21.29	26162800	20.0
11H-Benzo[b]fluorene	20.01	6.0	ng/ul	7837270	5	21.29	26162800	20.0