LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023831.D
Acq On : 21 Nov 2019 16:19
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4

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-BM111119MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.557	110	114	122	rVB	98660	144218	1.24%	0.094%
2	6.704	639	649	660	rBV	890034	1520879	13.13%	0.996%
3	6.863	669	676	687	rBV	653164	1113330	9.61%	0.729%
4	7.051	700	708	722	rVV	983579	1565635	13.51%	1.025%
5	7.510	779	786	797	rBV	1166439	1851327	15.98%	1.212%
6	7.769	823	830	840	rBV	120277	245350	2.12%	0.161%
7	8.228	901	908	915	rBV	1064819	1748521	15.09%	1.145%
8	8.287	915	918	925	rVV	56719	103606	0.89%	0.068%
9	8.663	975	982	993	rBV	816545	1334410	11.52%	0.874%
10	9.381	1097	1104	1118	rBV	675863	1137501	9.82%	0.745%
11	9.922	1186	1196	1205	rBV	1123451	1924906	16.62%	1.260%
12	10.010	1205	1211	1231	rVV	425034	890134	7.68%	0.583%
13	10.286	1250	1258	1263	rBV	1605753	2661263	22.97%	1.743%
14	10.333	1263	1266	1272	rVB	121362	188219	1.62%	0.123%
15	10.433	1276	1283	1288	rBV	751987	1353272	11.68%	0.886%
16	10.486	1288	1292	1309	rVB	445171	790713	6.83%	0.518%
17	11.963	1536	1543	1550	rBV	95897	167762	1.45%	0.110%
18	13.492	1797	1803	1808	rBV2	76051	138263	1.19%	0.091%
19	13.592	1814	1820	1824	rVV	1940359	2702145	23.32%	1.769%
20	13.639	1824	1828	1837	rVV	847557	1218224	10.52%	0.798%
21	13.857	1858	1865	1869	rBV	2328609	3813219	32.91%	2.497%
22	14.169	1910	1918	1925	rBV2	2409256	3614474	31.20%	2.367%
23	14.404	1950	1958	1967	rBV	487950	971854	8.39%	0.636%
24	14.580	1979	1988	1990	rBV4	90764	190112	1.64%	0.124%
25	14.610	1990	1993	1997	rVV	129218	195439	1.69%	0.128%
26	14.657	1997	2001	2006	rVB	109708	163713	1.41%	0.107%
27	14.798	2018	2025	2030	rBV3	94126	217174	1.87%	0.142%
28	14.851	2031	2034	2038	rVB	74081	95568	0.82%	0.063%
29	14.968	2047	2054	2055	rBV5	71096	123997	1.07%	0.081%
30	14.998	2055	2059	2064	rVV	339276	444521	3.84%	0.291%
31	15.051	2064	2068	2076	rVB3	115181	178099	1.54%	0.117%
32	15.174	2076	2089	2094	rBV	3002334	4513738	38.96%	2.955%
33	15.221	2094	2097	2105	rVV3	199928	352607	3.04%	0.231%
34	15.310	2107	2112	2117	rVV	518196	708428	6.11%	0.464%

LSC Area Percent Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

35	15.527	2143	2149	2152	rBV	65166	121606	1.05%	0.080%
36	15.686	2171	2176	2181	rVB2	70441	134879	1.16%	0.088%
37	15.915	2210	2215	2219	rBV4	94722	156202	1.35%	0.102%
38	16.145	2247	2254	2262	rVV3	675994	1221036	10.54%	0.799%
39	16.233	2263	2269	2274	rVV2	204255	437770	3.78%	0.287%
40	16.286	2274	2278	2282	rVV	124417	206998	1.79%	0.136%
41	16.380	2291	2294	2300	rVB2	99712	152645	1.32%	0.100%
42	16.504	2312	2315	2319	rVB3	85449	113654	0.98%	0.074%
43	16.586	2326	2329	2336	rBV5	59351	112103	0.97%	0.073%
44	16.662	2338	2342	2347	rBV2	70652	128926	1.11%	0.084%
45	16.739	2352	2355	2360	rVB	181263	256769	2.22%	0.168%
46	16.921	2380	2386	2390	rBV	3078732	4318672	37.28%	2.828%
47	16.962	2390	2393	2398	rVV	2704624	3750156	32.37%	2.455%
48	17.021	2398	2403	2407	rVV	3343166	4775289	41.22%	3.127%
49	17.057	2407	2409	2415	rVB	865160	972400	8.39%	0.637%
50	17.121	2415	2420	2426	rBV2	136024	285657	2.47%	0.187%
51	17.333	2453	2456	2460	rBV4	71117	115277	1.00%	0.075%
52	17.451	2472	2476	2479	rBV2	194470	248096	2.14%	0.162%
53	17.504	2481	2485	2492	rVB	272549	390863	3.37%	0.256%
54	17.645	2504	2509	2516	rVB2	223466	435136	3.76%	0.285%
55	17.721	2518	2522	2526	rBV4	105233	175093	1.51%	0.115%
56	17.798	2530	2535	2539	rVV	1078781	1526716	13.18%	1.000%
57	17.845	2539	2543	2552	rVV	1694417	2395806	20.68%	1.569%
58	17.927	2553	2557	2562	rVV	418329	598630	5.17%	0.392%
59	17.992	2562	2568	2572	rVV2	1466975	2593364	22.39%	1.698%
60	18.027	2572	2574	2584	rVB	828559	1104246	9.53%	0.723%
61	18.204	2600	2604	2608	rVB2	144591	198651	1.71%	0.130%
62	18.304	2617	2621	2625	rBV	569142	756080	6.53%	0.495%
63	18.345	2625	2628	2635	rVB2	135447	274670	2.37%	0.180%
64	18.527	2655	2659	2661	rBV2	131248	177716	1.53%	0.116%
65	18.556	2661	2664	2668	rVB	195913	235964	2.04%	0.155%
66	18.609	2669	2673	2676	rBV	322217	413275	3.57%	0.271%
67	18.645	2676	2679	2684	rVB2	249096	339301	2.93%	0.222%
68	18.733	2688	2694	2698	rBV	831391	1316638	11.36%	0.862%
69	18.792	2698	2704	2707	rBV3	487645	871397	7.52%	0.571%
70	18.821	2707	2709	2713	rVB	359582	392678	3.39%	0.257%
71	18.868	2713	2717	2719	rBV2	328415	477346	4.12%	0.313%

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

72	18.992	2732	2738	2744	rBV	5635677	7438656	64.21%	4.871%
73	19.062	2746	2750	2753	rVV	257867	339053	2.93%	0.222%
74	19.098	2753	2756	2759	rVV2	189099	245047	2.12%	0.160%
75	19.145	2760	2764	2769	rVB	777253	1011694	8.73%	0.662%
76	19.239	2776	2780	2790	rVB2	340486	636419	5.49%	0.417%
77	19.327	2790	2795	2797	rBV	4201668	5760396	49.72%	3.772%
78	19.356	2797	2800	2810	rVV	7306185	9841729	84.95%	6.444%
79	19.439	2810	2814	2820	rVB3	282145	517234	4.46%	0.339%
80	19.603	2839	2842	2849	rVB6	168727	258868	2.23%	0.169%
81	19.692	2852	2857	2867	rVV2	682582	1567985	13.53%	1.027%
82	19.780	2869	2872	2875	rVV3	203105	277359	2.39%	0.182%
83	19.827	2875	2880	2882	rVV3	612304	1083932	9.36%	0.710%
84	19.856	2882	2885	2890	rVB	1547042	2235205	19.29%	1.464%
85	19.962	2899	2903	2907	rVB	1089435	1343842	11.60%	0.880%
86	20.021	2908	2913	2919	rVV	1204740	1636026	14.12%	1.071%
87	20.156	2932	2936	2940	rBV	852492	1037672	8.96%	0.679%
88	20.203	2940	2944	2949	rVB	931585	1163071	10.04%	0.762%
89	20.774	3038	3041	3045	rVB	611926	696034	6.01%	0.456%
90	20.815	3045	3048	3051	rVB	788095	826195	7.13%	0.541%
91	20.850	3051	3054	3056	rBV	642056	854507	7.38%	0.560%
92	21.121	3094	3100	3105	rBV2	5650553	11585268	100.00%	7.586%
93	21.168	3105	3108	3114	rVB	3760024	4814440	41.56%	3.152%
94	21.674	3191	3194	3198	rVB	1015480	1232498	10.64%	0.807%
95	21.721	3199	3202	3207	rVB2	627345	865569	7.47%	0.567%
96	22.656	3355	3361	3371	rVB	2329429	6906851	59.62%	4.522%
97	23.103	3432	3437	3440	rBV	1586709	2661105	22.97%	1.742%
98	23.150	3440	3445	3448	rVV	3099102	5228870	45.13%	3.424%
99	23.191	3448	3452	3459	rVB	3222749	5821316	50.25%	3.812%
100	23.286	3463	3468	3472	rBV	2590781	4273819	36.89%	2.798%

Sum of corrected areas: 152724986

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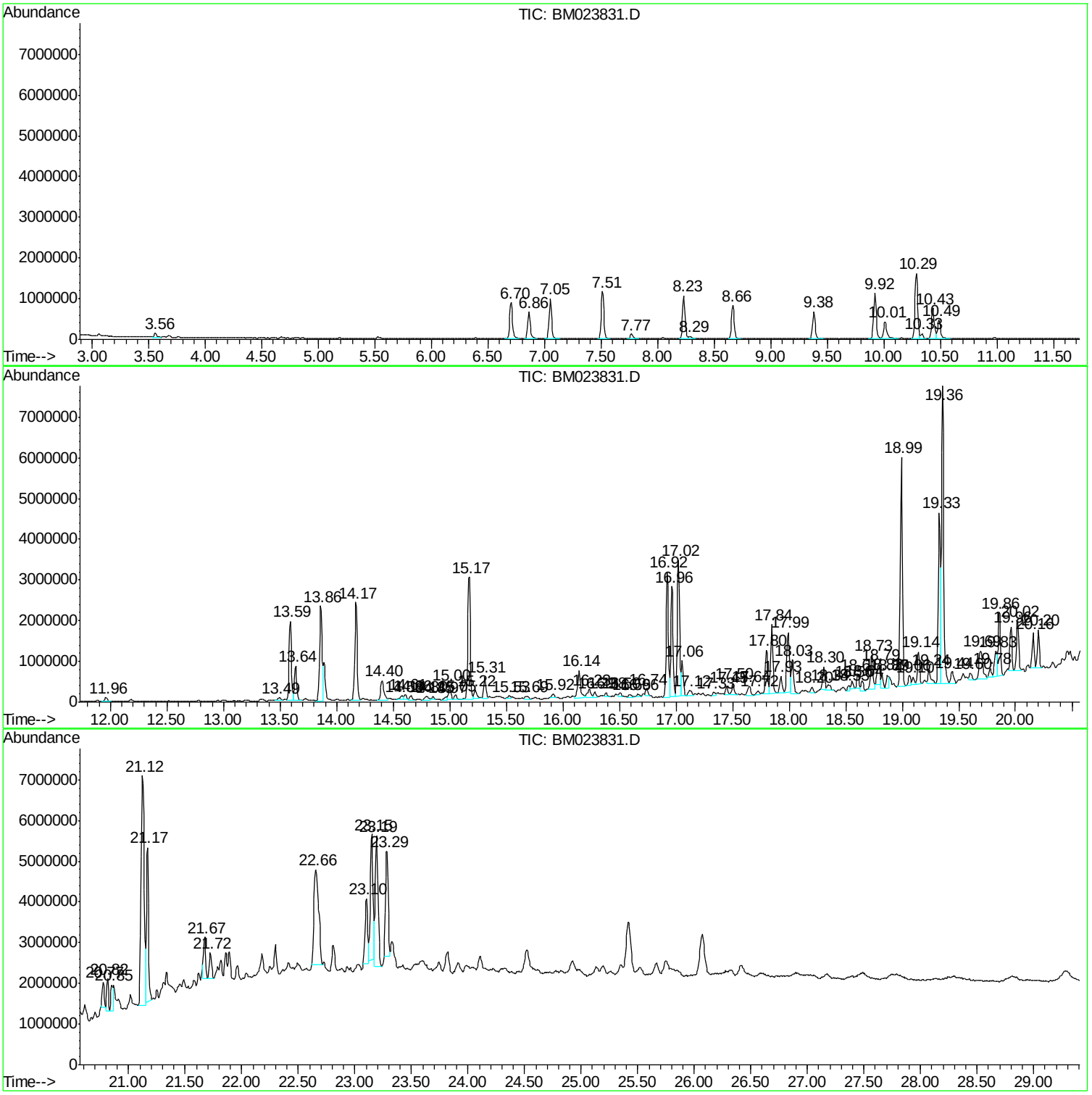
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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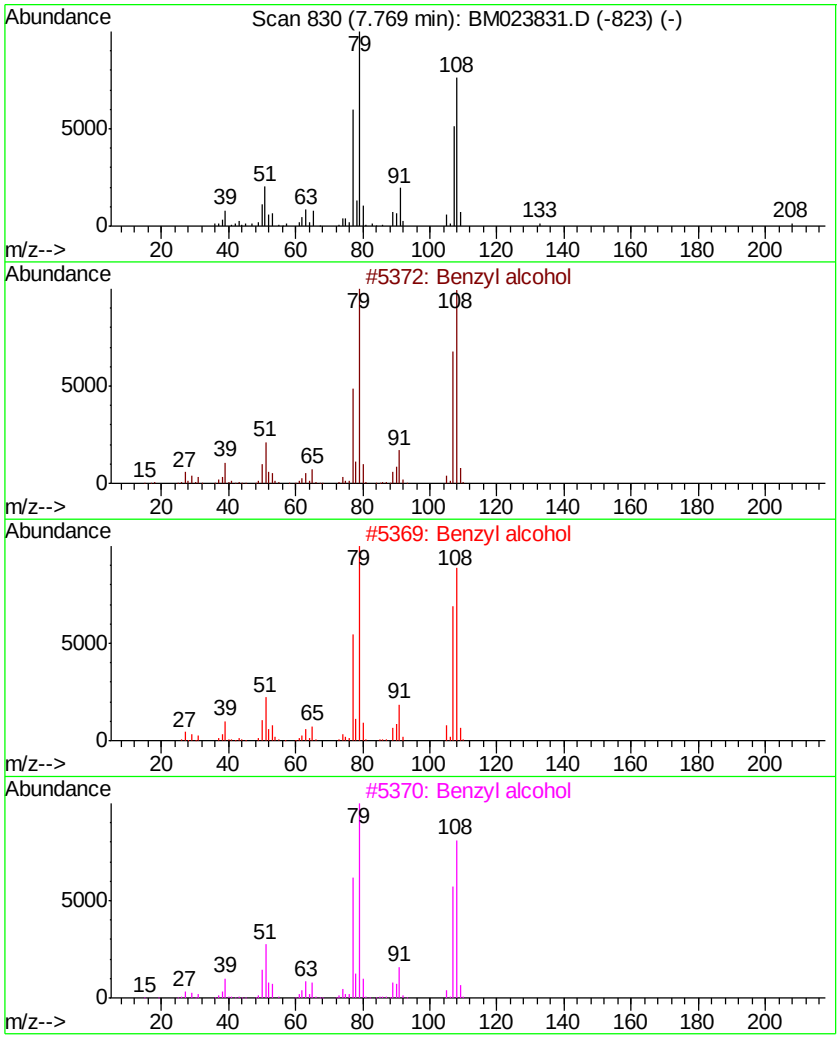
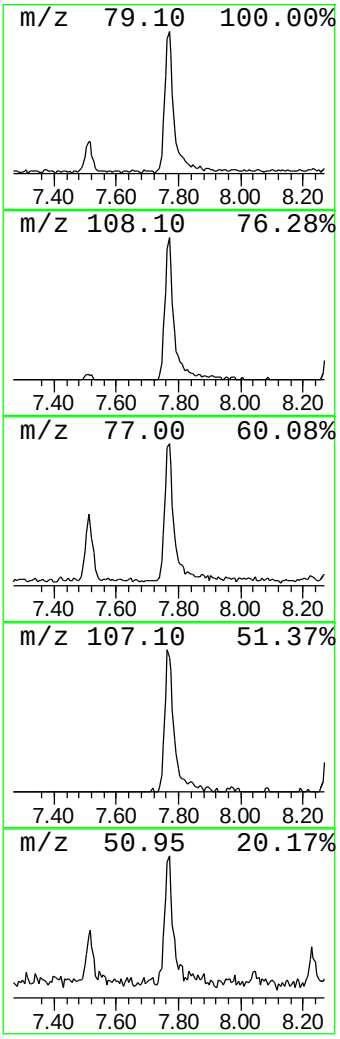
Peak Number 1 Benzyl alcohol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	2.65 ng/ul	245350	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl alcohol	108	C7H8O	000100-51-6	97
2	Benzyl alcohol	108	C7H8O	000100-51-6	97
3	Benzyl alcohol	108	C7H8O	000100-51-6	96
4	N-Cbz-glycylglycine p-nitrophenyl...	387	C18H17N3O7	013574-81-7	91
5	Benzyl alcohol	108	C7H8O	000100-51-6	76





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

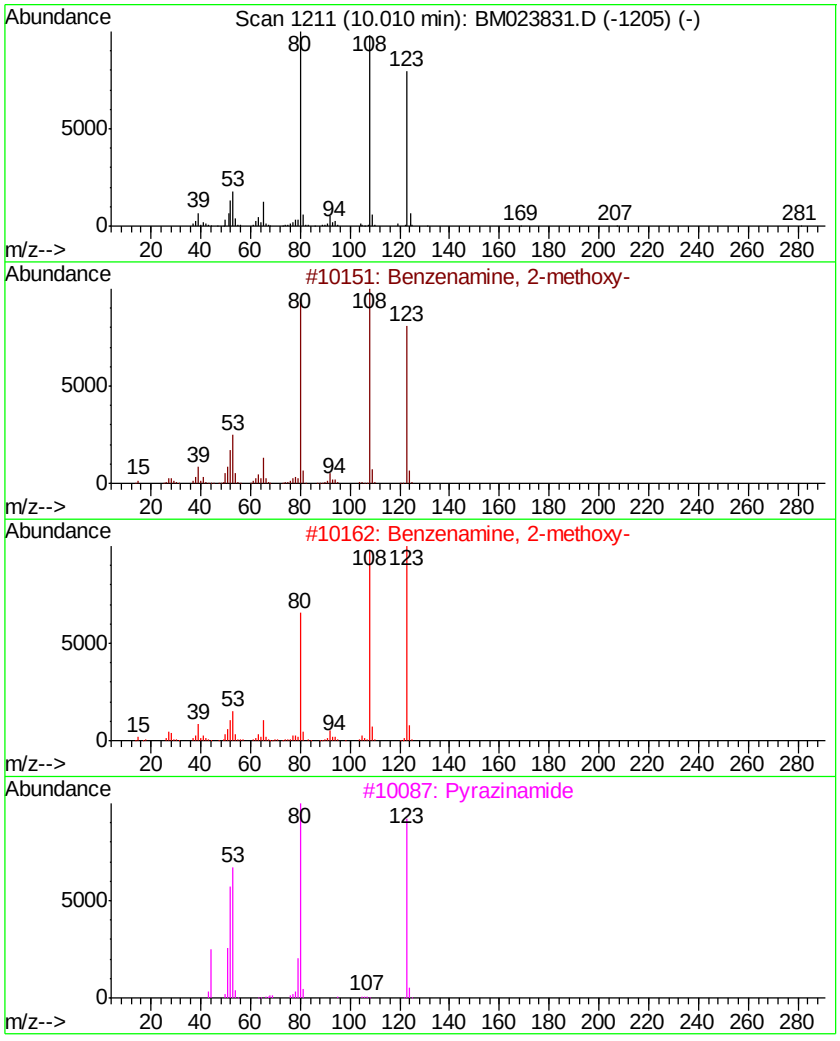
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

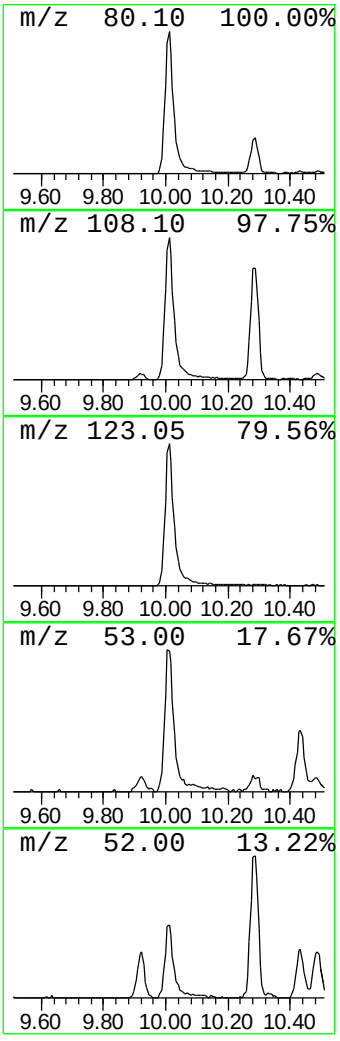
****

Peak Number 2 Benzenamine, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	6.69 ng/ul	890134	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-methoxy-	123	C7H9NO	000090-04-0	90
2	Benzenamine, 2-methoxy-	123	C7H9NO	000090-04-0	83
3	Pyrazinamide	123	C5H5N3O	000098-96-4	74
4	3-Pyridinamine, 2-methyl-	108	C6H8N2	003430-10-2	64
5	1,2-Benzenediamine	108	C6H8N2	000095-54-5	64





Library Search Compound Report

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ClientSampleId : C0AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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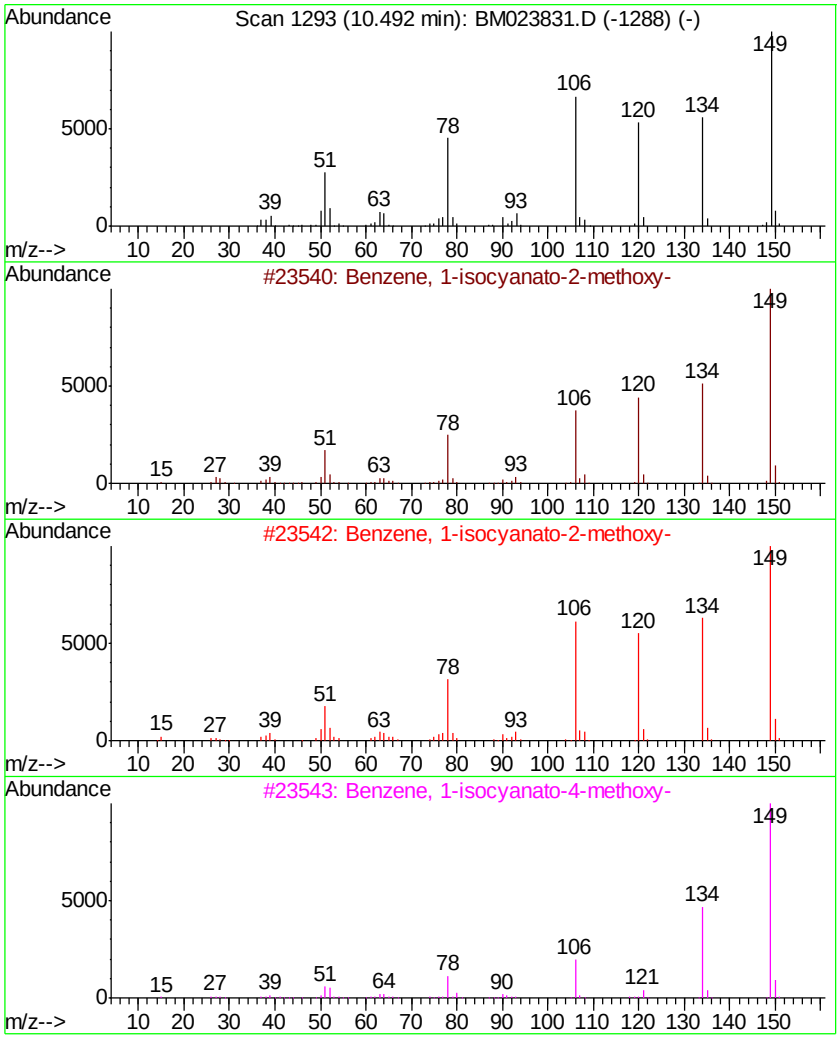
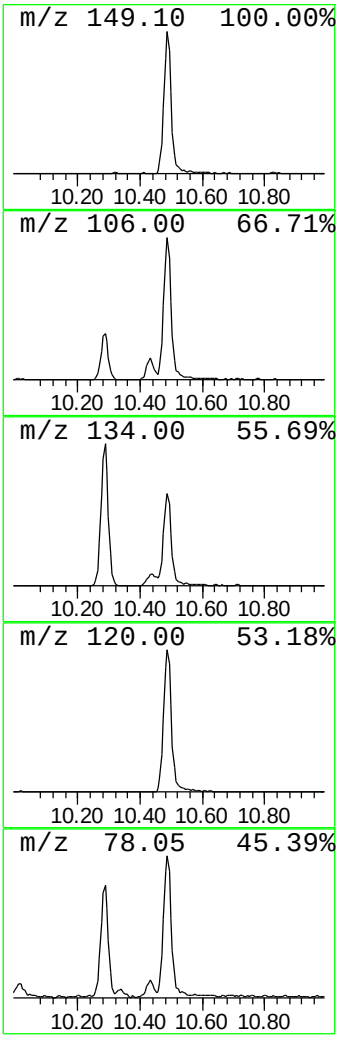
Peak Number 3 Benzene, 1-isocyanato-2-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	5.94 ng/ul	790713	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-isocyanato-2-methoxy-	149	C8H7NO2	000700-87-8	94
2	Benzene, 1-isocyanato-2-methoxy-	149	C8H7NO2	000700-87-8	93
3	Benzene, 1-isocyanato-4-methoxy-	149	C8H7NO2	005416-93-3	49
4	1H-Benzotriazole, 5-methoxy-	149	C7H7N3O	027799-91-3	49
5	1-Butanone, 1-(4-pyridinyl)-	149	C9H11NO	001701-71-9	47





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Instrument : BNA_M
ClientSampleId : C0AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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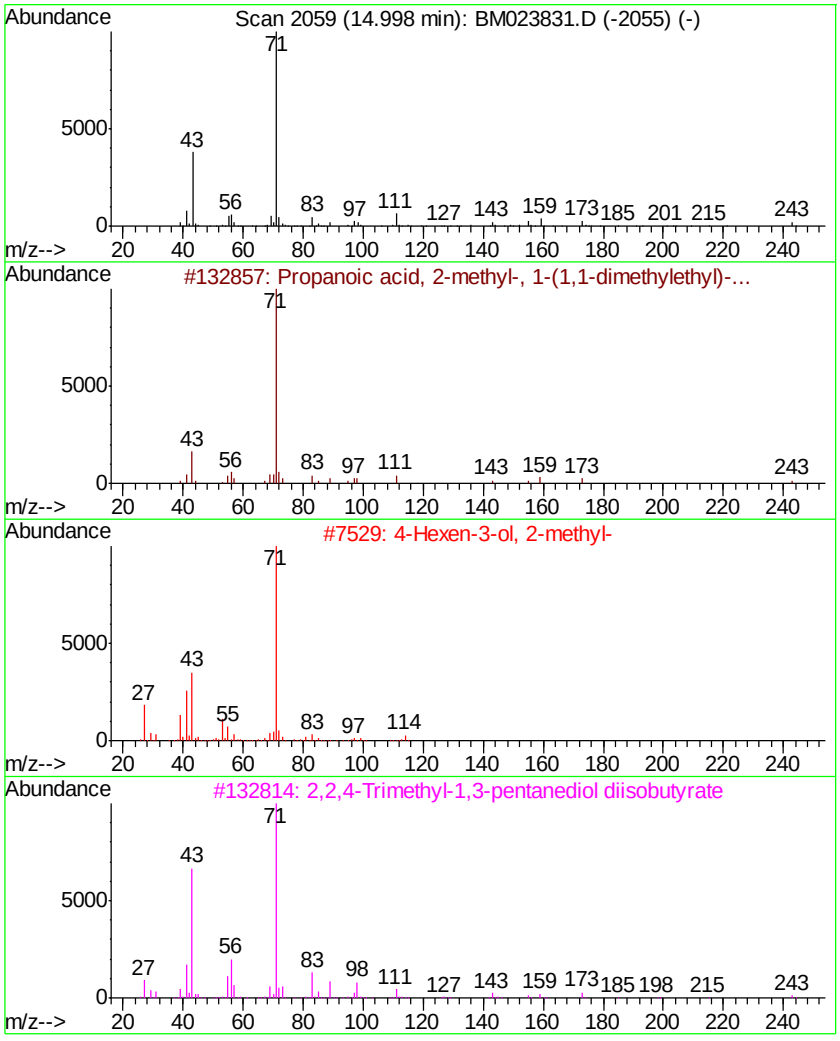
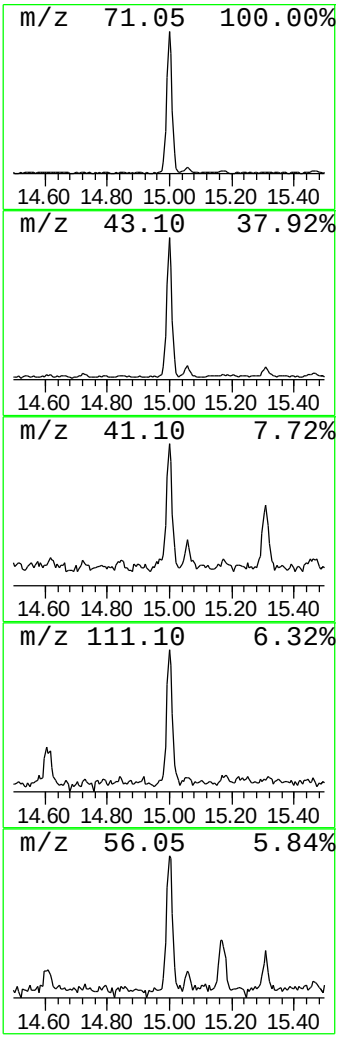
Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.46 ng/ul	444521	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	86
2	4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	59
3	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	56
4	Butyric acid, 1-propylpentyl ester	200	C12H24O2	020286-46-8	50
5	Fumaric acid, nonyl tetrahydrofu...	326	C18H30O5	1000330-58-3	45





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

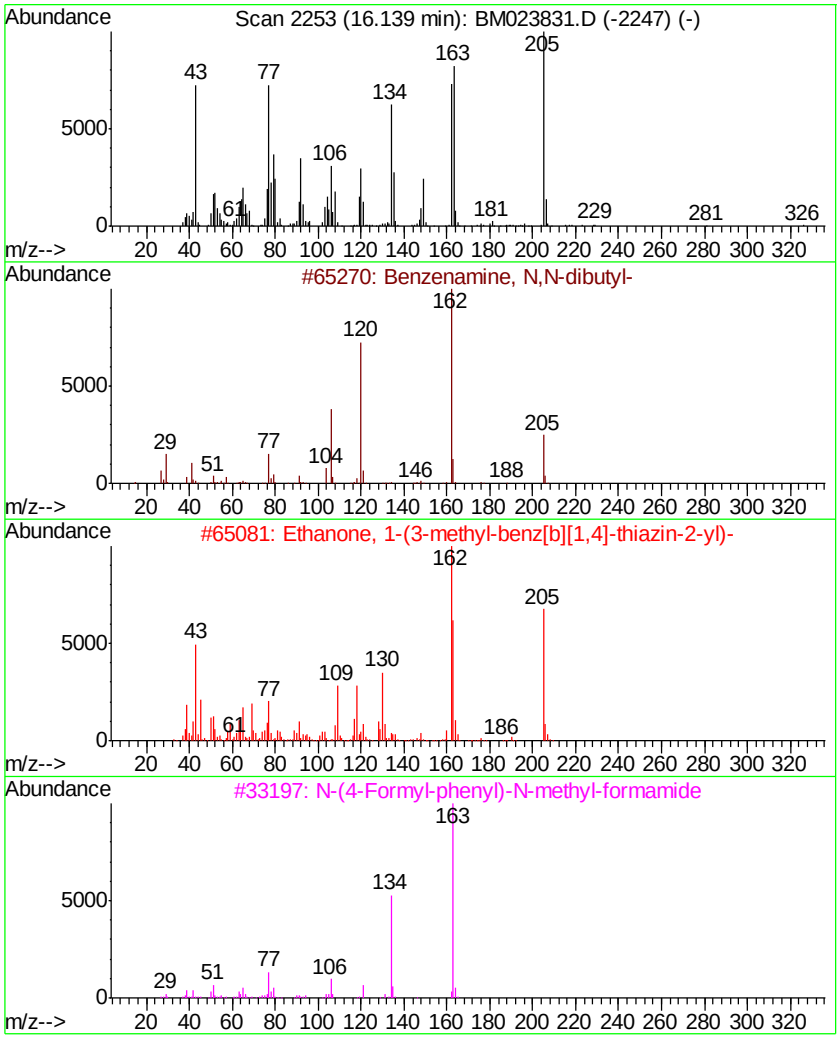
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

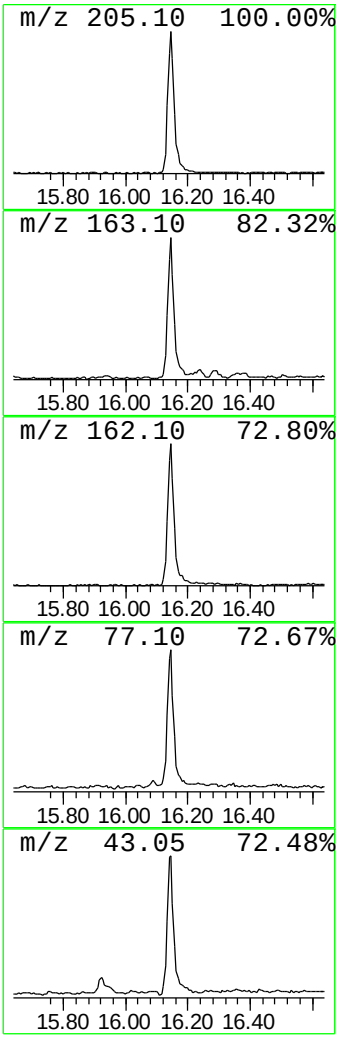
****

Peak Number 5 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	5.65 ng/ul	1221040	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-dibutyl-	205	C14H23N	000613-29-6	38
2	Ethanone, 1-(3-methyl-benz[b][1,...	205	C11H11NOS	031645-94-0	38
3	N-(4-Formyl-phenyl)-N-methyl-for...	163	C9H9NO2	079213-80-2	30
4	s-Triazolo[4,3-a]pyrazine, 8-met...	134	C6H6N4	023126-45-6	25
5	1-(4-Methyl-2-pyridyl)-1-propano...	206	C10H14N4O	099171-51-4	25





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Operator : JU
Sample : K5851-06
Misc :
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ClientSampleId : C0AA4

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Quant Title : SVOA CALIBRATION

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

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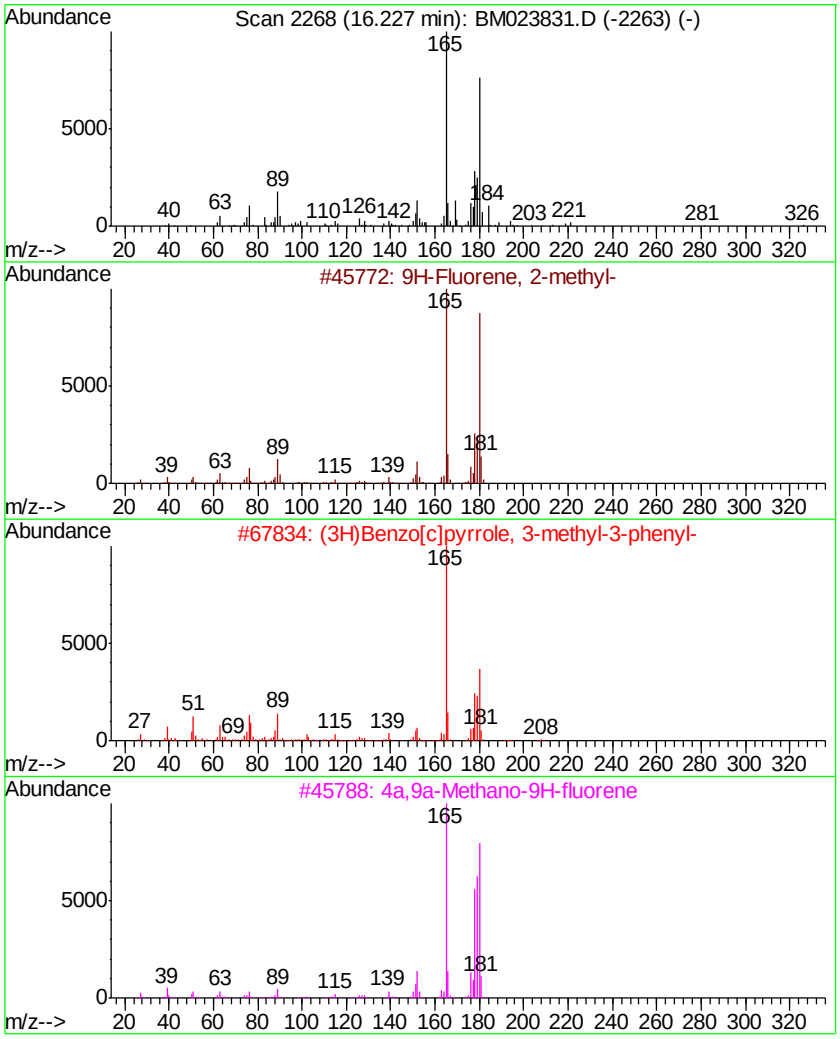
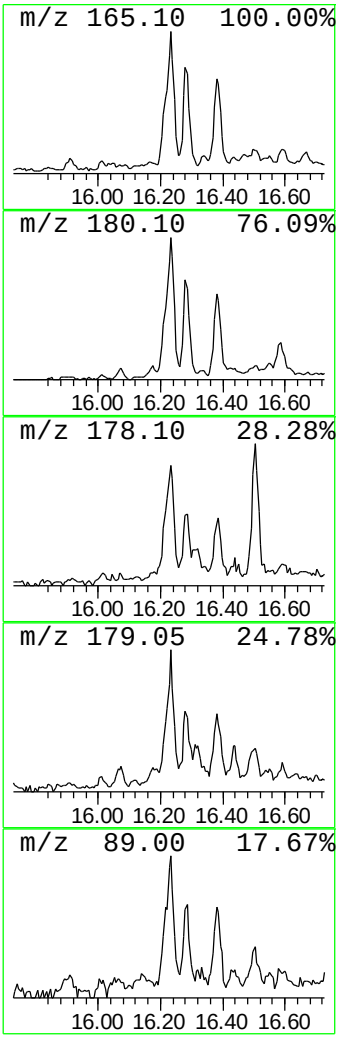
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	2.03 ng/ul	437770	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	90
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76





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Quant Title : SVOA CALIBRATION

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

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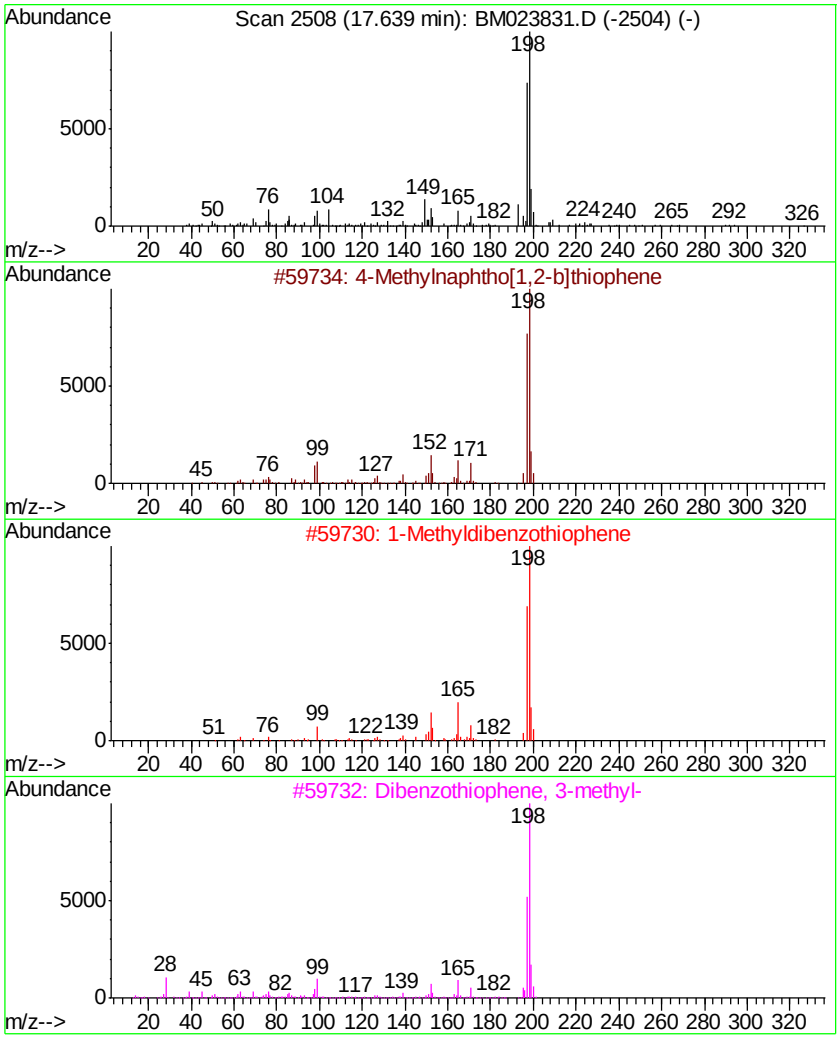
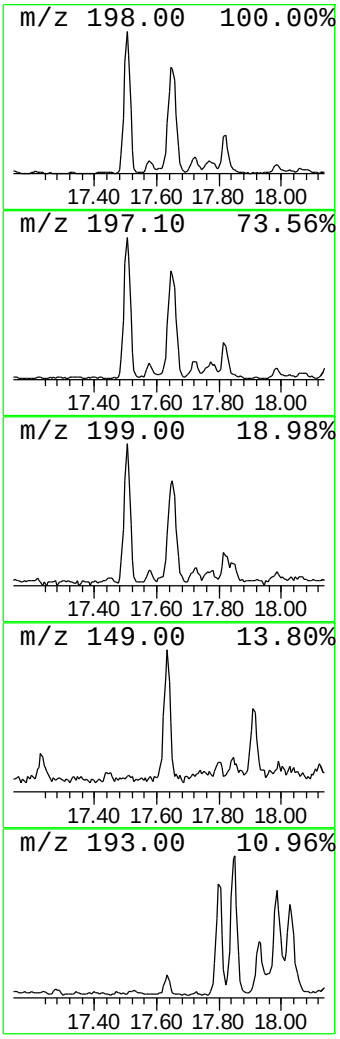
Peak Number 7 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	2.02 ng/ul	435136	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	83





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Quant Title : SVOA CALIBRATION

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

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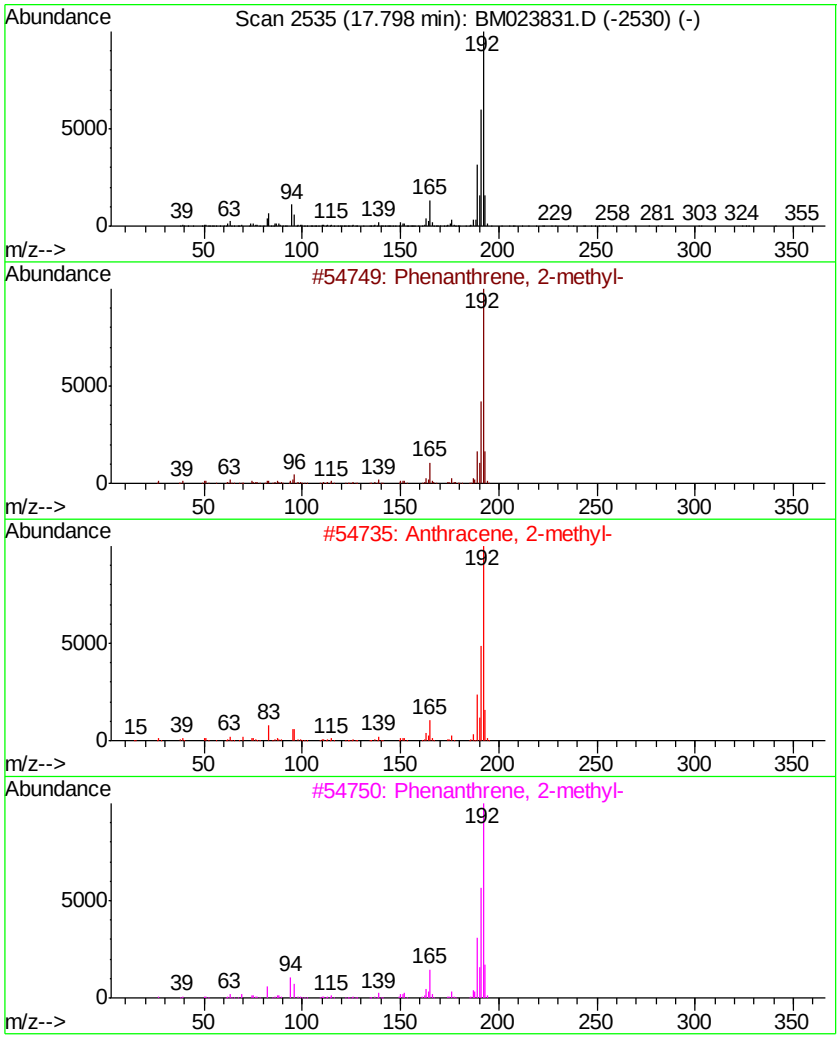
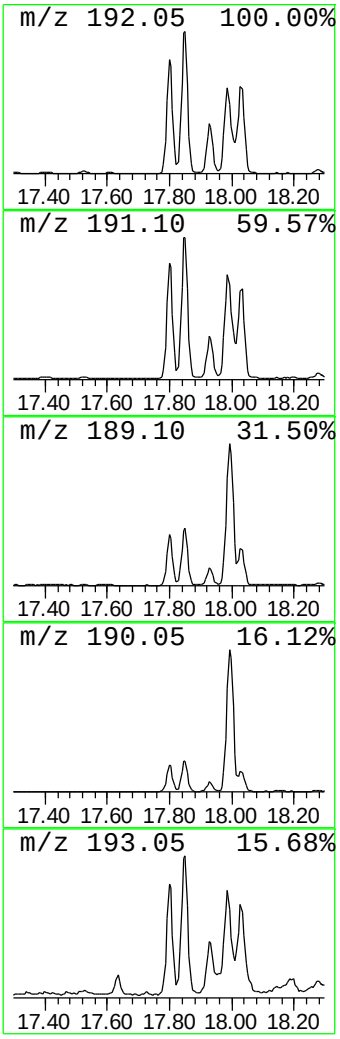
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	7.07 ng/ul	1526720	Phenanthrene-d10	16.92

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Quant Title : SVOA CALIBRATION

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

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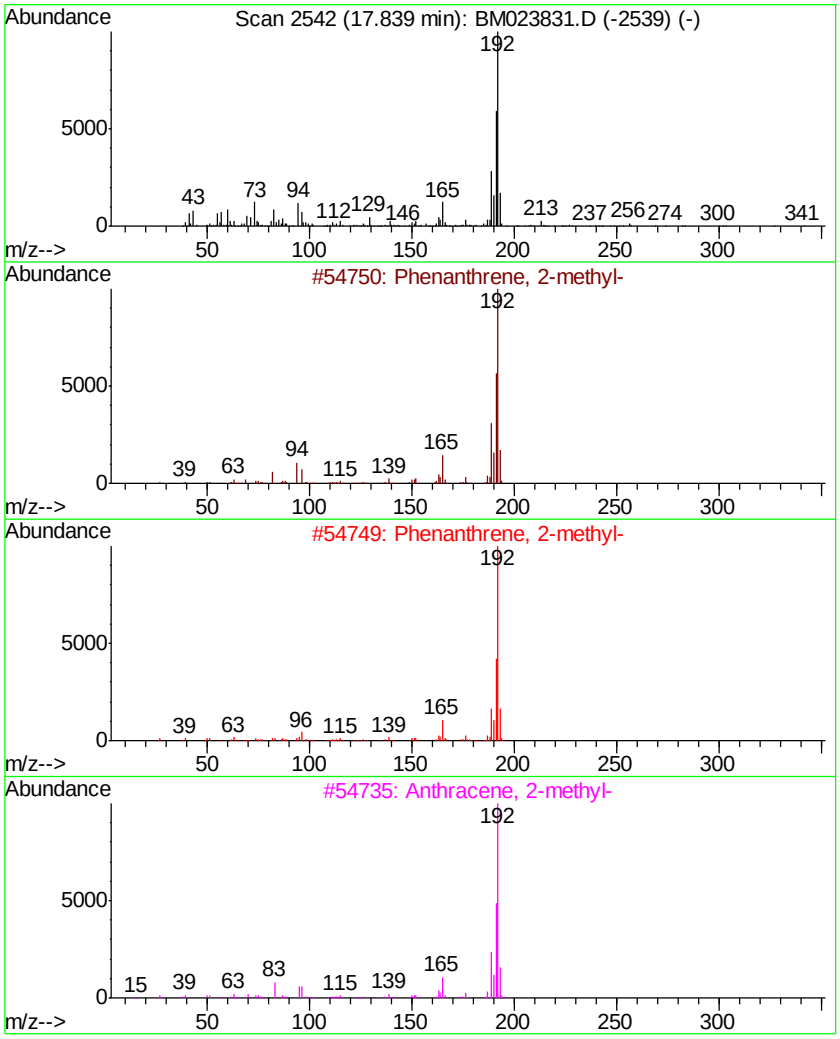
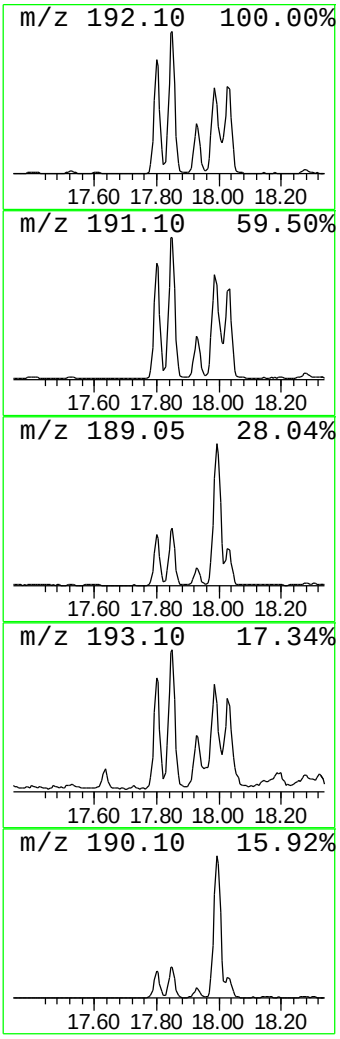
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	11.10 ng/ul	2395810	Phenanthrene-d10	16.92

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
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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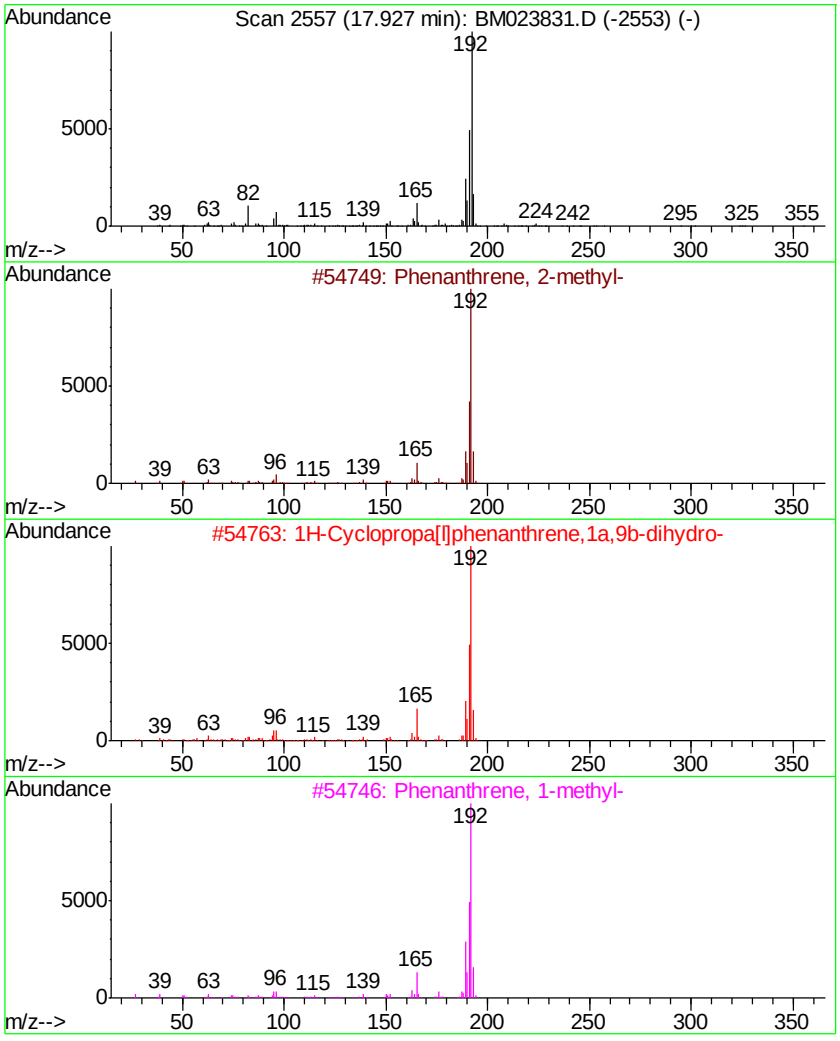
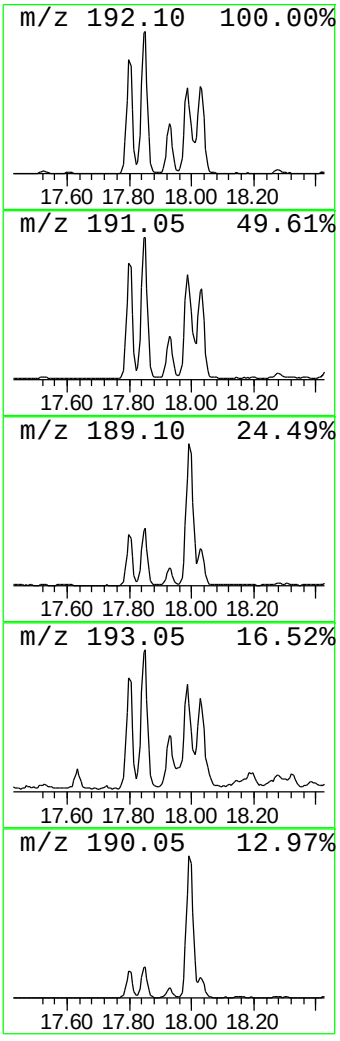
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.77 ng/ul	598630	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
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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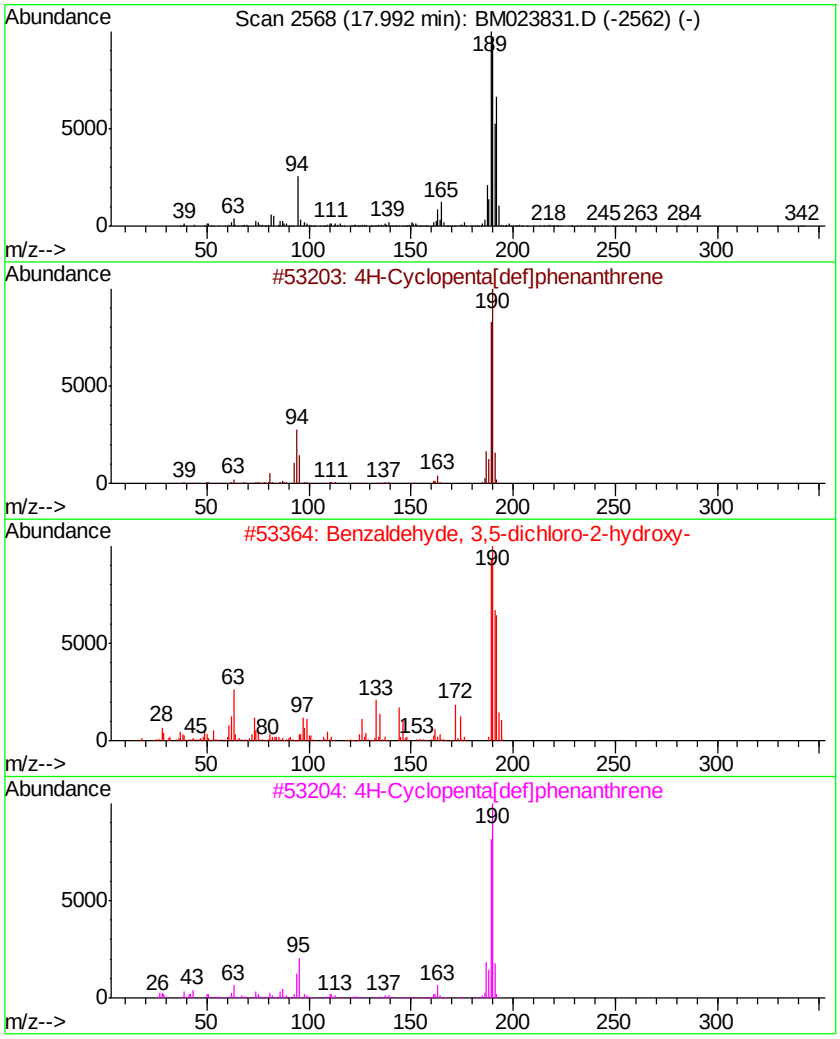
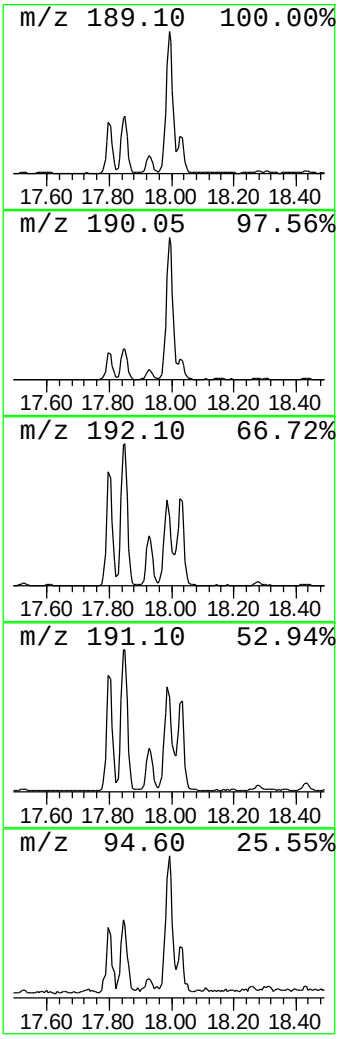
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	12.01 ng/ul	2593360	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35





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Quant Title : SVOA CALIBRATION

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

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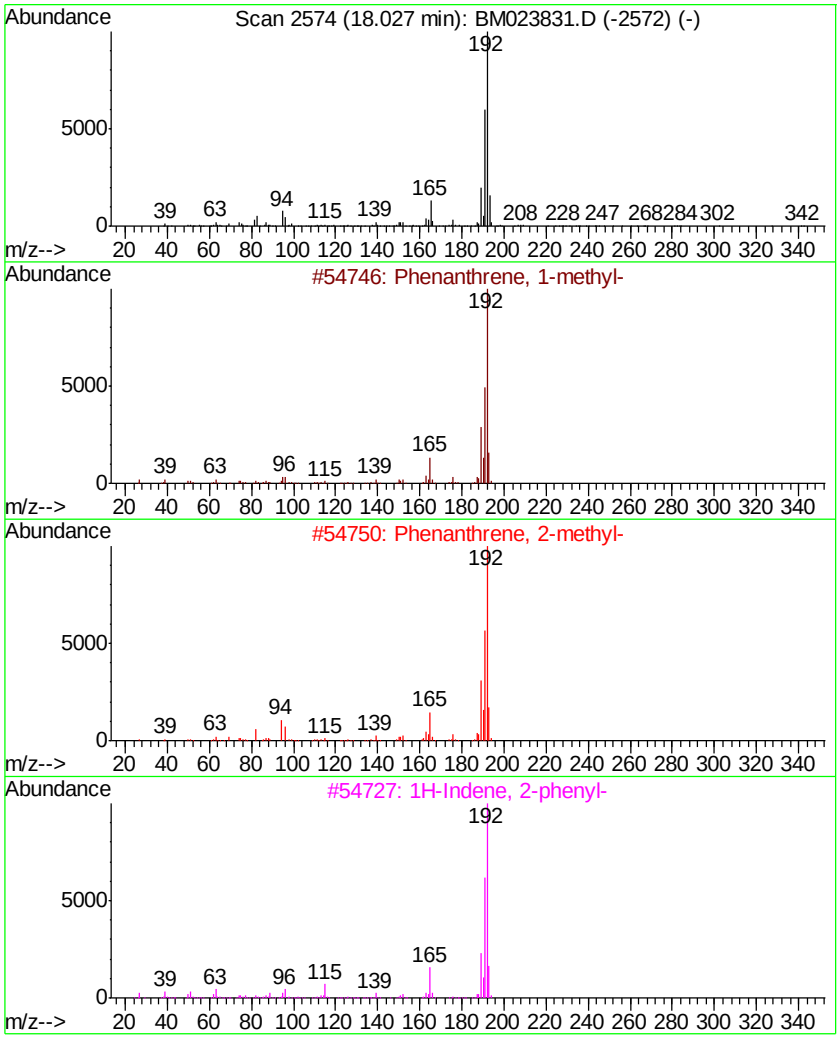
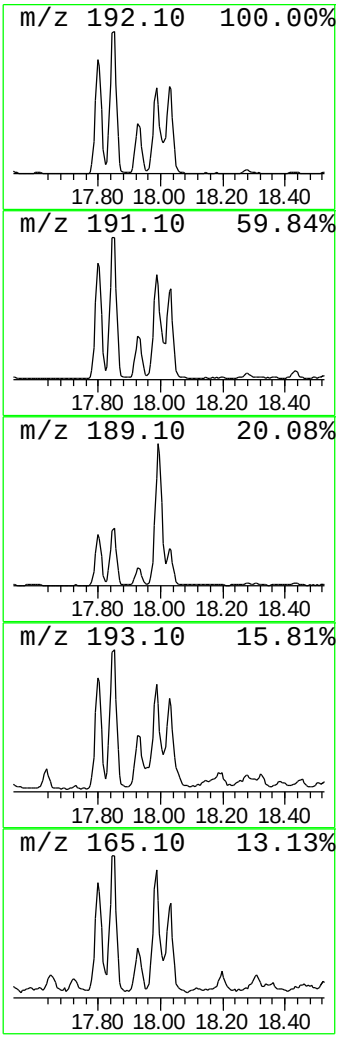
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	5.11 ng/ul	1104250	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Quant Title : SVOA CALIBRATION

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

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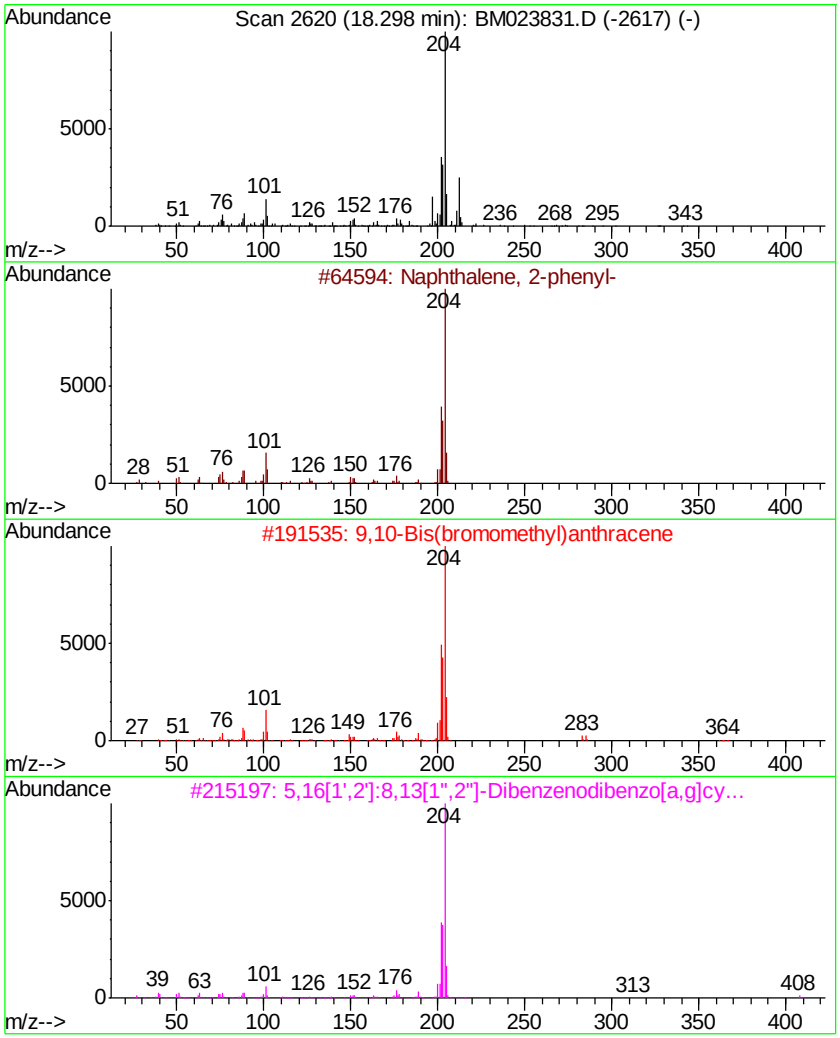
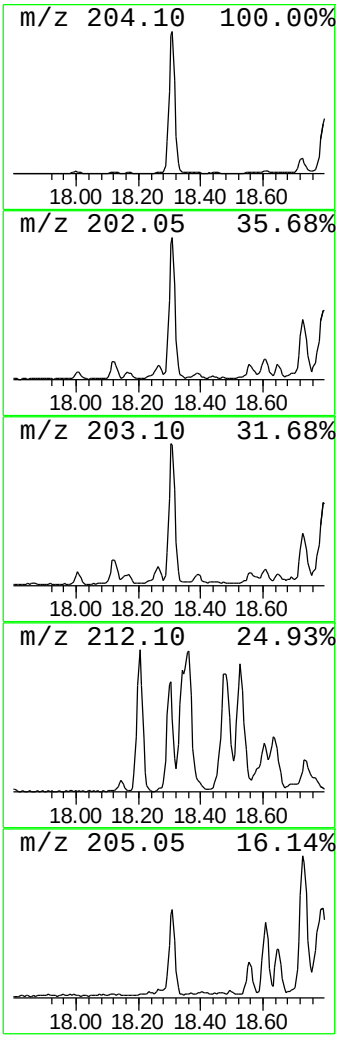
Peak Number 13 9,10-Bis(bromomethyl)anthra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.50 ng/ul	756080	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	81
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	74
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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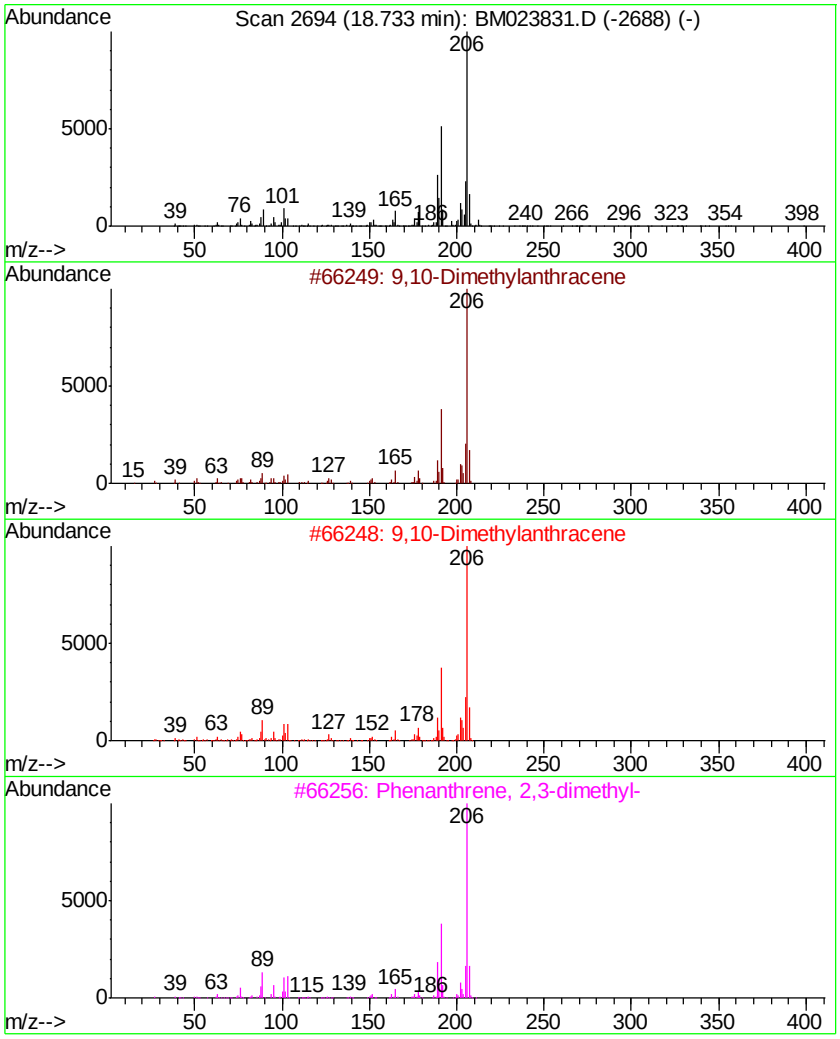
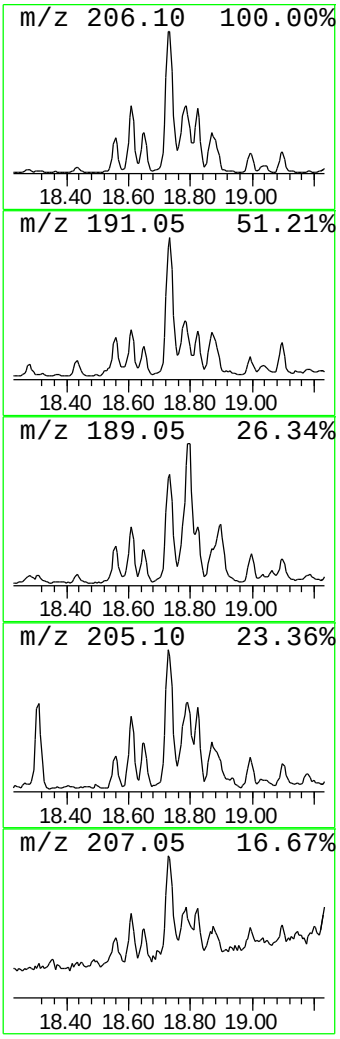
Peak Number 14 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	6.10 ng/ul	1316640	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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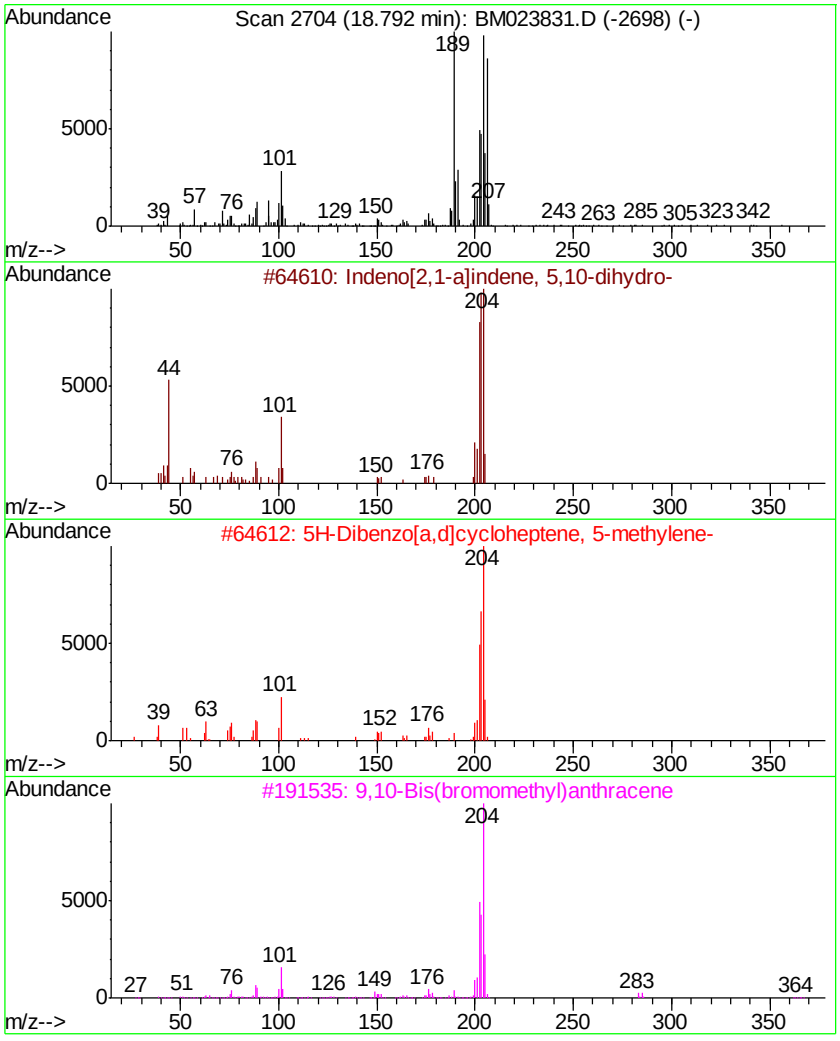
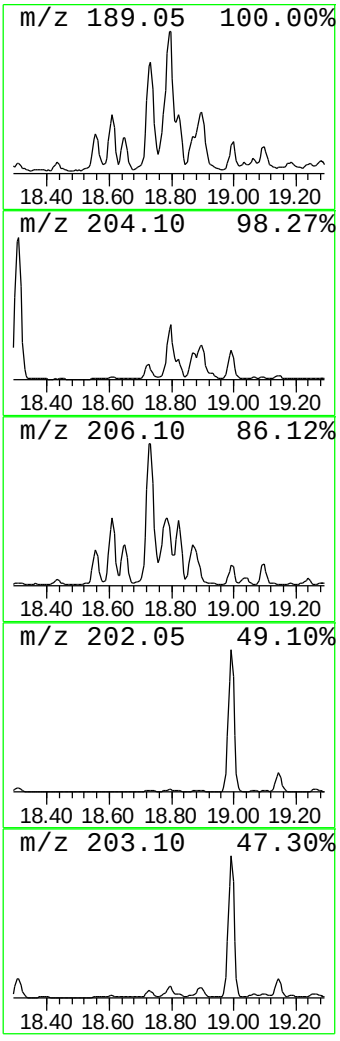
Peak Number 15 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	4.04 ng/ul	871397	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	45
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30





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TIC Integration Parameters: LSCINT.P

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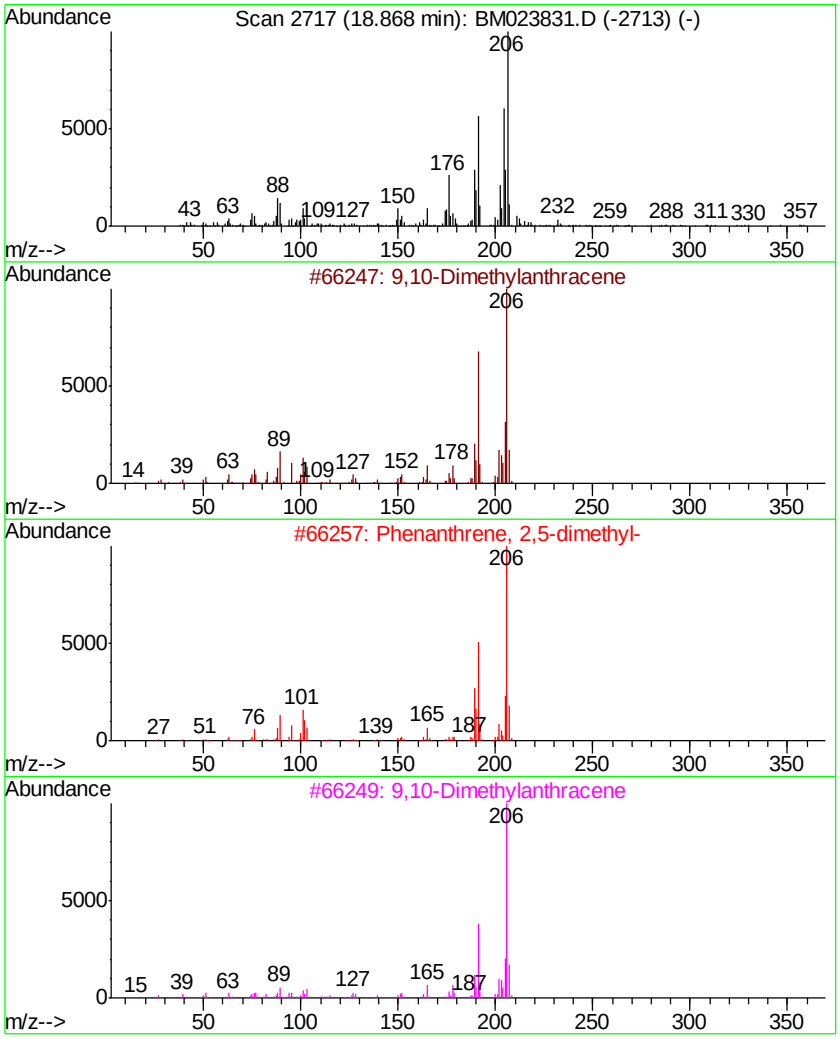
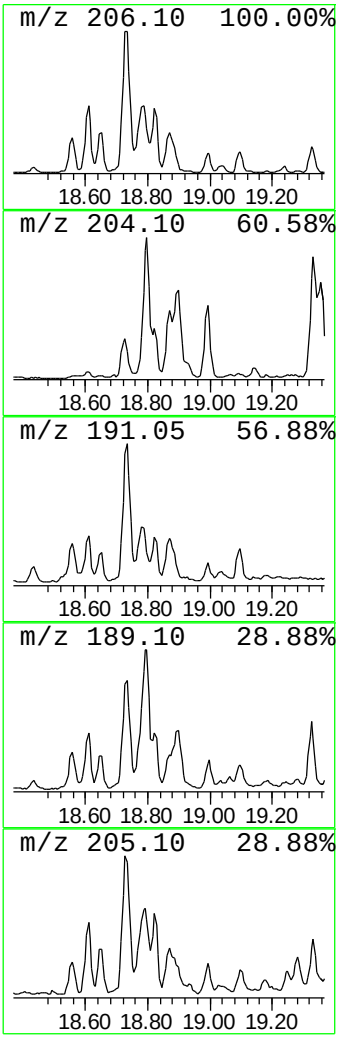
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.21 ng/ul	477346	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	60
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60





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Instrument : BNA_M
ClientSampleId : C0AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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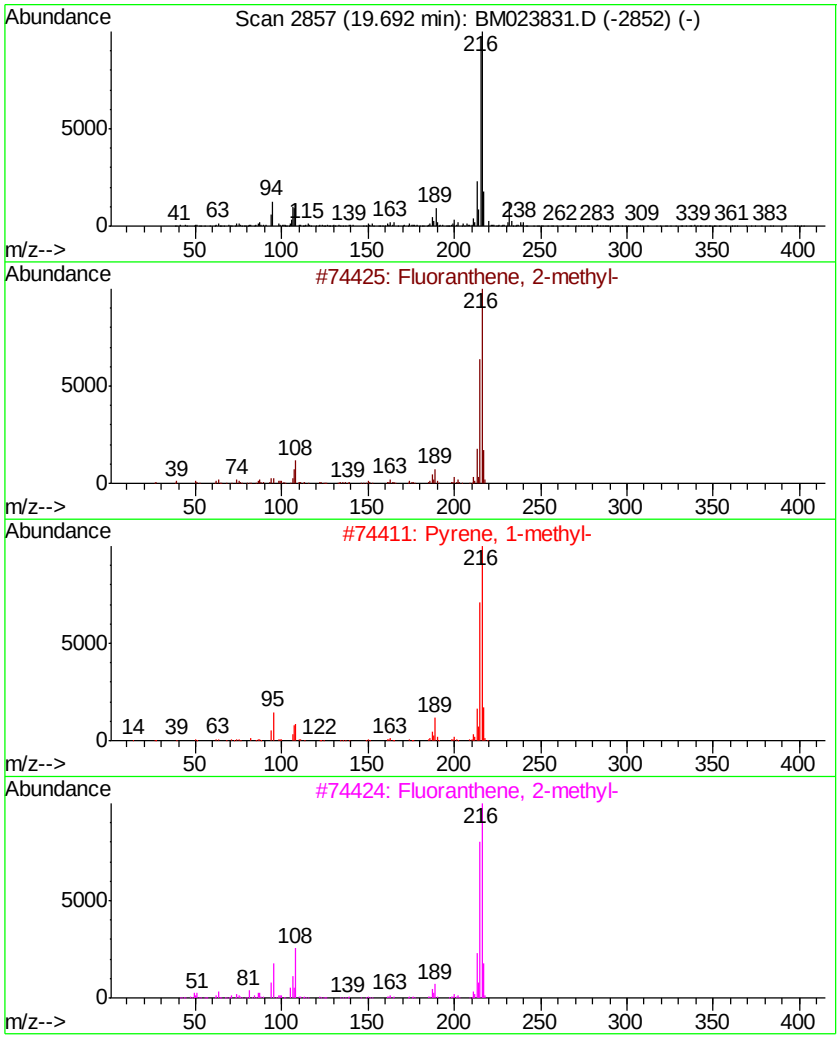
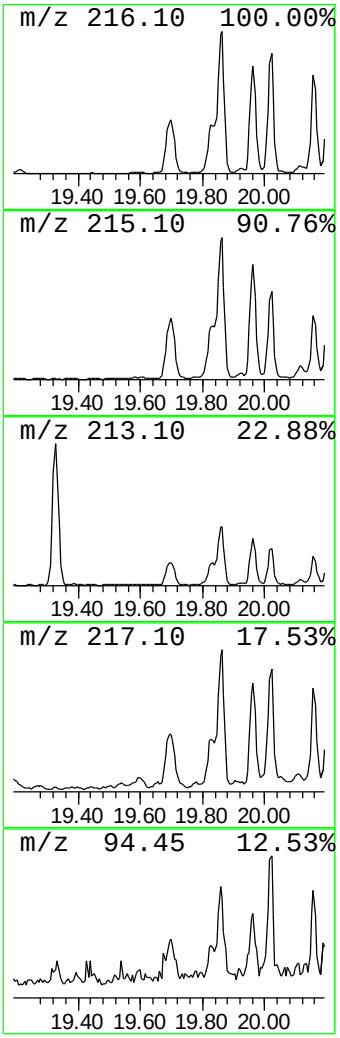
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.71 ng/ul	1567990	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023831.D
Acq On : 21 Nov 2019 16:19
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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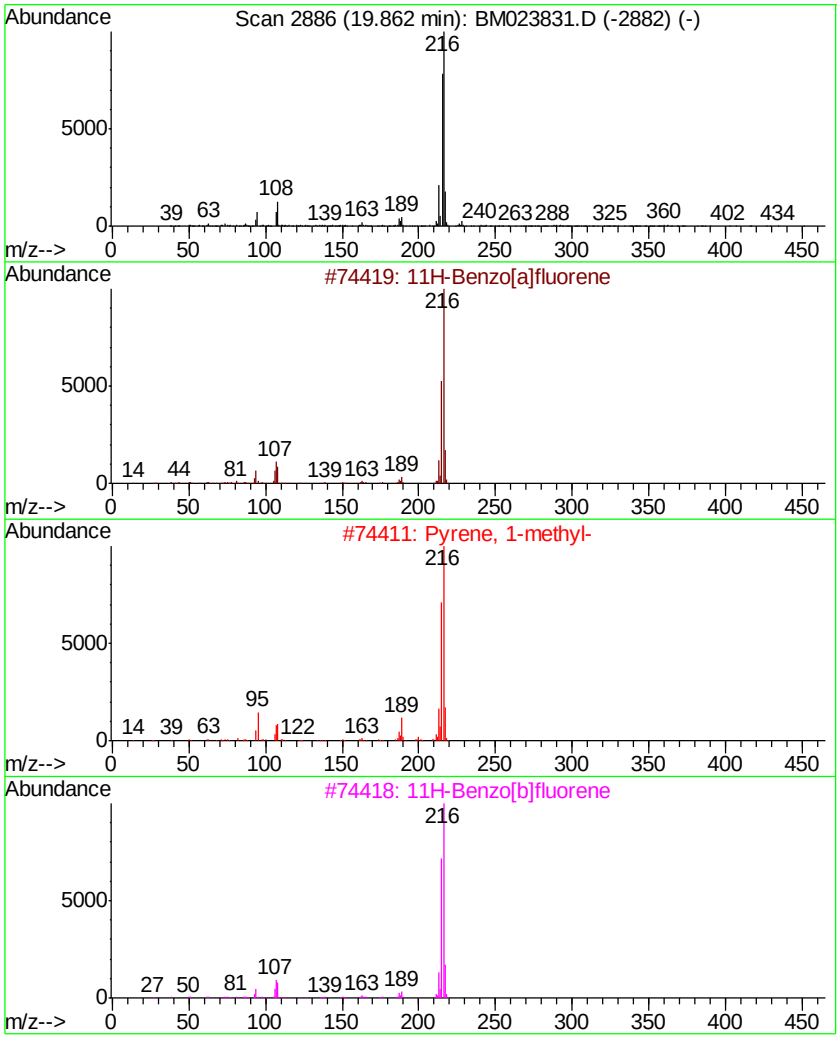
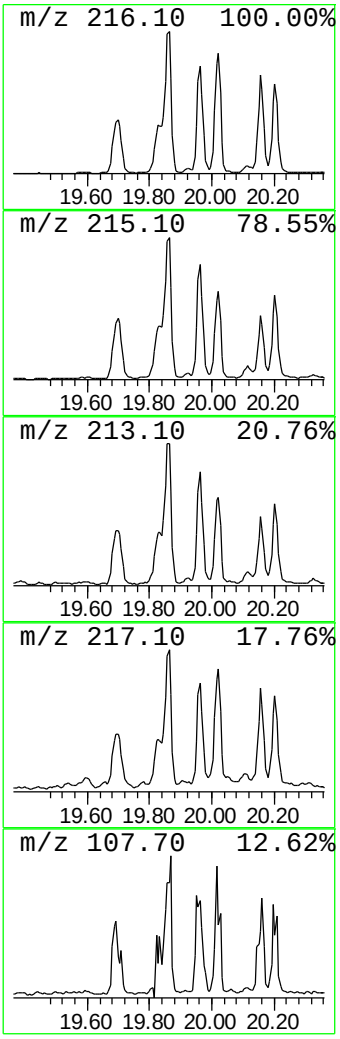
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	3.86 ng/ul	2235210	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





Library Search Compound Report

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Data File : BM023831.D
Acq On : 21 Nov 2019 16:19
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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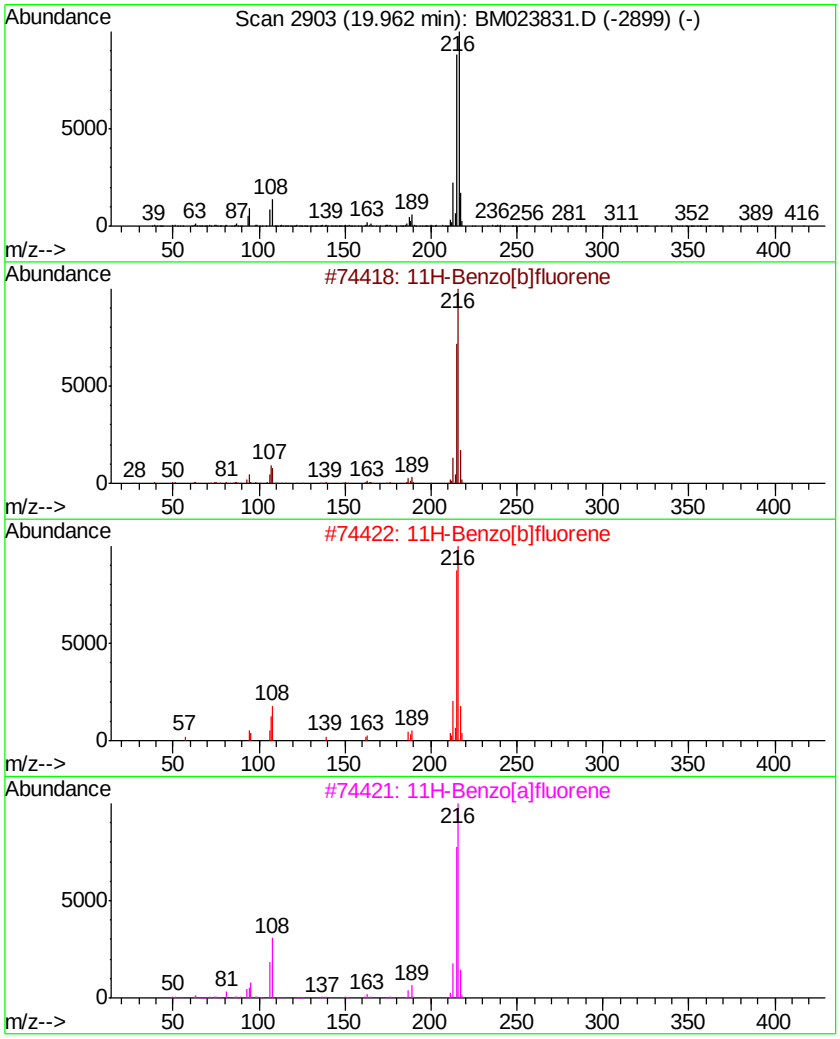
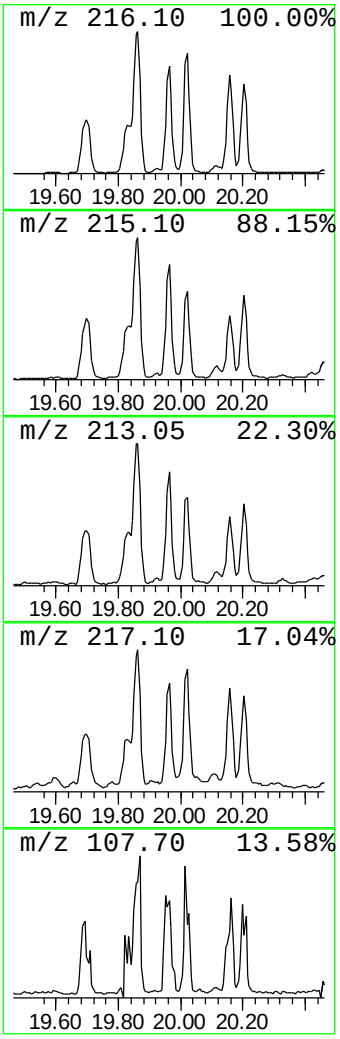
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.32 ng/ul	1343840	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023831.D
Acq On : 21 Nov 2019 16:19
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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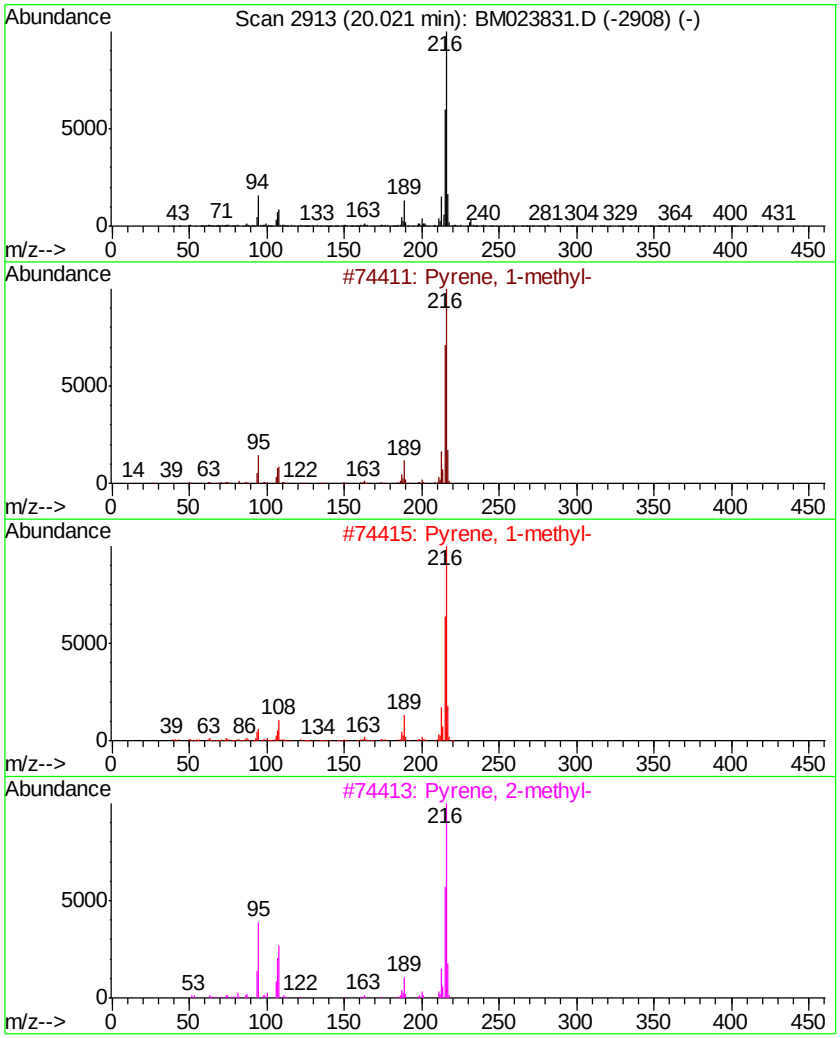
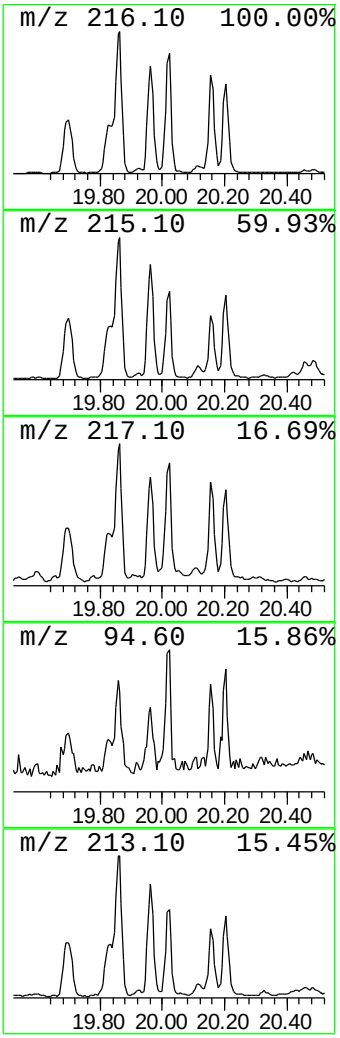
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	2.82 ng/ul	1636030	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	97
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





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Data File : BM023831.D
Acq On : 21 Nov 2019 16:19
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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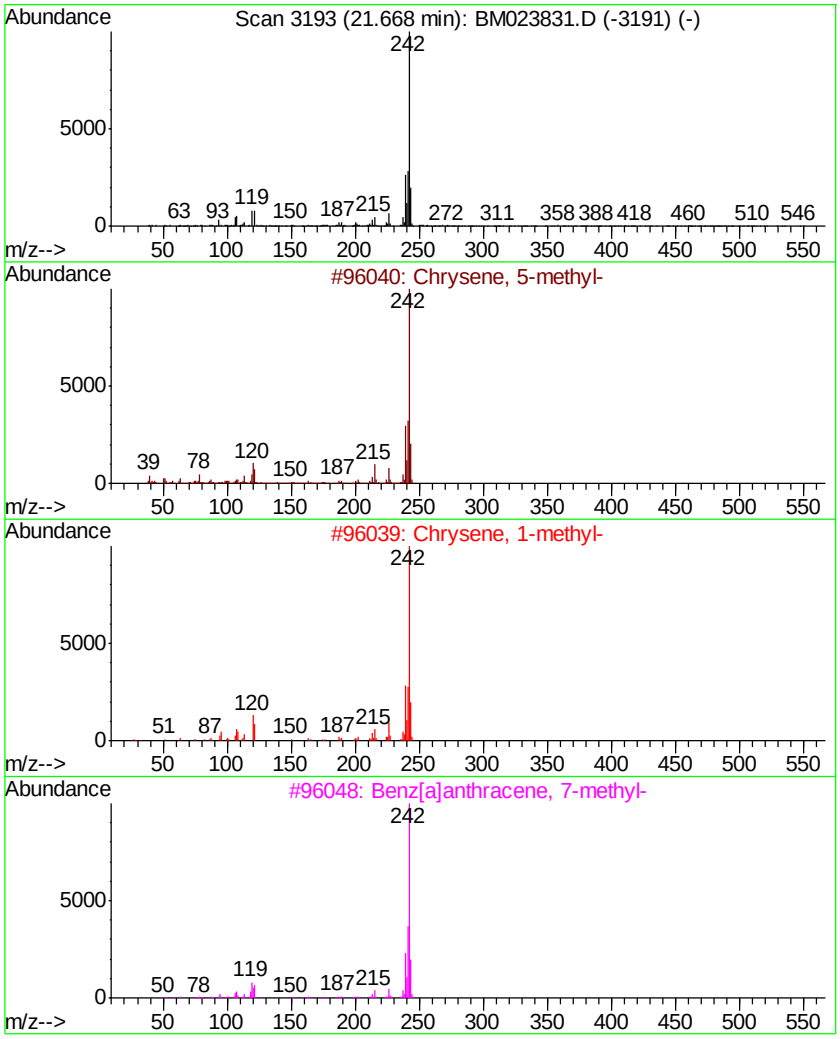
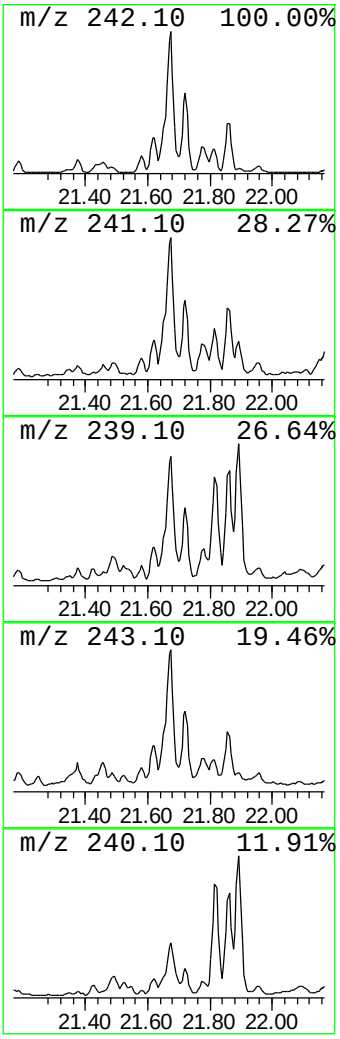
Peak Number 22 Chrysene, 5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.13 ng/ul	1232500	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	81
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112119\
Data File : BM023831.D
Acq On : 21 Nov 2019 16:19
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzyl alcohol	7.77	2.6	ng/ul	245350	1	7.51	1851330	20.0
Benzenamine, 2-me...	10.01	6.7	ng/ul	890134	2	10.29	2661260	20.0
Benzene, 1-isocya...	10.49	5.9	ng/ul	790713	2	10.29	2661260	20.0
Propanoic acid, 2...	15.00	2.5	ng/ul	444521	3	14.17	3614470	20.0
unknown-01	16.14	5.7	ng/ul	1221040	4	16.92	4318670	20.0
9H-Fluorene, 2-me...	16.23	2.0	ng/ul	437770	4	16.92	4318670	20.0
4-Methylnaphtho[1...	17.64	2.0	ng/ul	435136	4	16.92	4318670	20.0
Phenanthrene, 2-m...	17.80	7.1	ng/ul	1526720	4	16.92	4318670	20.0
Anthracene, 9-met...	17.84	11.1	ng/ul	2395810	4	16.92	4318670	20.0
1H-Cyclopropa[l]p...	17.93	2.8	ng/ul	598630	4	16.92	4318670	20.0
4H-Cyclopenta[def...	17.99	12.0	ng/ul	2593360	4	16.92	4318670	20.0
Phenanthrene, 1-m...	18.03	5.1	ng/ul	1104250	4	16.92	4318670	20.0
9,10-Bis(bromomet...	18.30	3.5	ng/ul	756080	4	16.92	4318670	20.0
9,10-Dimethylanth...	18.73	6.1	ng/ul	1316640	4	16.92	4318670	20.0
unknown-02	18.79	4.0	ng/ul	871397	4	16.92	4318670	20.0
Phenanthrene, 2,5...	18.87	2.2	ng/ul	477346	4	16.92	4318670	20.0
Fluoranthene, 2-m...	19.69	2.7	ng/ul	1567990	5	21.13	11585300	20.0
11H-Benzo[a]fluorene	19.86	3.9	ng/ul	2235210	5	21.13	11585300	20.0
11H-Benzo[b]fluorene	19.96	2.3	ng/ul	1343840	5	21.13	11585300	20.0
Pyrene, 1-methyl-	20.02	2.8	ng/ul	1636030	5	21.13	11585300	20.0
Chrysene, 5-methyl-	21.67	2.1	ng/ul	1232500	5	21.13	11585300	20.0