LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

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-BM020620MA.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	6.593	622	630	639	rBV	132147	239354	3.04%	0.328%
2	6.746	651	656	670	rVB	118923	215304	2.74%	0.295%
3	6.934	682	688	699	rVB	166088	284734	3.62%	0.390%
4	7.393	759	766	775	rBV	1158732	1901149	24.16%	2.602%
5	7.922	851	856	861	rBV2	39211	68204	0.87%	0.093%
6	8.110	881	888	900	rBV	156024	291923	3.71%	0.400%
7	8.534	951	960	974	rBV	125574	242844	3.09%	0.332%
8	9.245	1075	1081	1091	rVB2	97926	172479	2.19%	0.236%
9	9.787	1167	1173	1188	rVB	131399	288298	3.66%	0.395%
10	10.139	1226	1233	1249	rBV	1441300	2477224	31.49%	3.391%
11	10.298	1253	1260	1275	rBV2	61677	151583	1.93%	0.207%
12	11.545	1468	1472	1482	rBV2	32641	73880	0.94%	0.101%
13	11.675	1484	1494	1503	rVV2	38316	125152	1.59%	0.171%
14	13.469	1793	1799	1813	rBV2	299324	654929	8.32%	0.897%
15	13.722	1835	1842	1845	rBV	439300	735558	9.35%	1.007%
16	13.751	1845	1847	1857	rVB	502906	646007	8.21%	0.884%
17	14.039	1889	1896	1906	rVV	2275415	3200090	40.68%	4.381%
18	14.286	1931	1938	1944	rBV6	29722	76938	0.98%	0.105%
19	14.669	1996	2003	2009	rBV3	52294	107238	1.36%	0.147%
20	14.921	2041	2046	2051	rBV	60328	83980	1.07%	0.115%
21	15.039	2053	2066	2073	rBV	591472	913219	11.61%	1.250%
22	15.180	2084	2090	2094	rBV2	61623	104488	1.33%	0.143%
23	15.221	2094	2097	2104	rVB2	56464	83637	1.06%	0.114%
24	15.298	2104	2110	2113	rBV2	40131	72296	0.92%	0.099%
25	15.433	2124	2133	2139	rVB2	43077	95981	1.22%	0.131%
26	15.786	2186	2193	2199	rBV3	48777	101750	1.29%	0.139%
27	16.127	2240	2251	2253	rBV9	33654	89214	1.13%	0.122%
28	16.251	2269	2272	2280	rVB4	37000	71812	0.91%	0.098%
29	16.380	2290	2294	2299	rVB2	51997	75099	0.95%	0.103%
30	16.792	2358	2364	2369	rBV	2612733	3597443	45.73%	4.924%
31	16.833	2369	2371	2375	rVV	104838	122513	1.56%	0.168%
32	16.892	2375	2381	2384	rVV	582122	839519	10.67%	1.149%
33	16.927	2384	2387	2392	rVV	231827	312738	3.98%	0.428%
34	16.998	2394	2399	2404	rVB5	69010	118568	1.51%	0.162%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

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-BM020620MA.M
Title : SVOA CALIBRATION

35	17.321	2449	2454	2459	rBV	130932	185370	2.36%	0.254%
36	17.374	2460	2463	2470	rVB2	58384	93195	1.18%	0.128%
37	17.468	2475	2479	2481	rBV	76380	115860	1.47%	0.159%
38	17.492	2481	2483	2492	rVB2	99862	162471	2.07%	0.222%
39	17.592	2495	2500	2509	rBV4	46162	102227	1.30%	0.140%
40	17.674	2509	2514	2518	rBV2	112897	177486	2.26%	0.243%
41	17.721	2518	2522	2530	rVB	148024	236096	3.00%	0.323%
42	17.798	2530	2535	2540	rBV	118304	172794	2.20%	0.237%
43	17.862	2540	2546	2550	rBV	749720	1201954	15.28%	1.645%
44	17.898	2550	2552	2557	rVB	184140	238277	3.03%	0.326%
45	17.998	2564	2569	2573	rBV2	67715	100800	1.28%	0.138%
46	18.074	2578	2582	2586	rVB	105236	135542	1.72%	0.186%
47	18.145	2586	2594	2596	rBV3	68073	127812	1.62%	0.175%
48	18.180	2596	2600	2604	rBV2	241704	308795	3.92%	0.423%
49	18.398	2633	2637	2640	rBV2	82878	119400	1.52%	0.163%
50	18.433	2640	2643	2647	rVV3	76010	127930	1.63%	0.175%
51	18.480	2647	2651	2655	rVV	91787	148261	1.88%	0.203%
52	18.521	2655	2658	2663	rVB	142299	189649	2.41%	0.260%
53	18.604	2663	2672	2677	rBV2	429107	777515	9.88%	1.064%
54	18.662	2677	2682	2686	rVV2	410885	722386	9.18%	0.989%
55	18.698	2686	2688	2691	rVV	228366	245252	3.12%	0.336%
56	18.739	2691	2695	2703	rVV3	632158	1233363	15.68%	1.688%
57	18.804	2703	2706	2709	rVV3	87802	114491	1.46%	0.157%
58	18.862	2709	2716	2724	rVB	1786585	2563618	32.59%	3.509%
59	18.945	2725	2730	2733	rVV2	151394	235746	3.00%	0.323%
60	18.974	2733	2735	2738	rVV3	81405	118588	1.51%	0.162%
61	19.015	2738	2742	2747	rVB	431674	566513	7.20%	0.775%
62	19.109	2755	2758	2759	rVV	69973	78853	1.00%	0.108%
63	19.133	2759	2762	2769	rVB	202645	298118	3.79%	0.408%
64	19.227	2774	2778	2783	rVB	5581051	7088068	90.09%	9.703%
65	19.327	2790	2795	2799	rVB2	172645	268633	3.41%	0.368%
66	19.374	2799	2803	2806	rBV5	54555	84339	1.07%	0.115%
67	19.415	2806	2810	2812	rVV2	98913	116032	1.47%	0.159%
68	19.474	2816	2820	2828	rVB5	137502	282524	3.59%	0.387%
69	19.568	2831	2836	2842	rBV2	591087	1094406	13.91%	1.498%
70	19.656	2847	2851	2854	rBV3	97974	145949	1.86%	0.200%
71	19.704	2854	2859	2861	rVV3	575976	977150	12.42%	1.338%

LSC Area Percent Report

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Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

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-BM020620MA.M
Title : SVOA CALIBRATION

72	19.733	2862	2864	2869	rVB	730228	916933	11.65%	1.255%
73	19.839	2878	2882	2887	rVB	322611	384440	4.89%	0.526%
74	19.892	2887	2891	2896	rBV	911842	1146861	14.58%	1.570%
75	19.980	2904	2906	2910	rBV3	54638	76920	0.98%	0.105%
76	20.033	2911	2915	2919	rVV	793954	978661	12.44%	1.340%
77	20.080	2919	2923	2928	rVB	843728	1050570	13.35%	1.438%
78	20.298	2956	2960	2963	rBV4	105557	177853	2.26%	0.243%
79	20.486	2989	2992	3000	rVB	314279	458460	5.83%	0.628%
80	20.651	3012	3020	3024	rBV4	318963	720313	9.16%	0.986%
81	20.692	3024	3027	3030	rBV	396471	422690	5.37%	0.579%
82	20.727	3030	3033	3036	rVB	286533	299400	3.81%	0.410%
83	20.768	3036	3040	3041	rBV4	137990	168756	2.15%	0.231%
84	21.003	3073	3080	3084	rBV2	4216976	7867395	100.00%	10.770%
85	21.045	3084	3087	3094	rVB	1522801	2127617	27.04%	2.912%
86	21.127	3099	3101	3104	rVV	104693	111452	1.42%	0.153%
87	21.209	3111	3115	3122	rBV	771947	942744	11.98%	1.291%
88	21.368	3139	3142	3146	rVB3	174916	216927	2.76%	0.297%
89	21.498	3161	3164	3166	rBV	193634	219998	2.80%	0.301%
90	21.545	3166	3172	3177	rVV	643211	1144900	14.55%	1.567%
91	21.598	3178	3181	3184	rVB	366025	444551	5.65%	0.609%
92	21.727	3200	3203	3206	rBV	312922	393980	5.01%	0.539%
93	21.762	3206	3209	3213	rVB	286077	350000	4.45%	0.479%
94	22.492	3328	3333	3338	rBV2	1166144	2572687	32.70%	3.522%
95	22.650	3356	3360	3368	rVB	431925	678550	8.62%	0.929%
96	22.927	3402	3407	3411	rBV	865641	1420687	18.06%	1.945%
97	22.974	3411	3415	3418	rVV	570387	917629	11.66%	1.256%
98	23.015	3418	3422	3427	rVB	1286941	2053174	26.10%	2.811%
99	23.103	3432	3437	3443	rVB	2326315	3832272	48.71%	5.246%
100	25.144	3779	3784	3795	rVB2	525337	1365145	17.35%	1.869%

Sum of corrected areas: 73052173

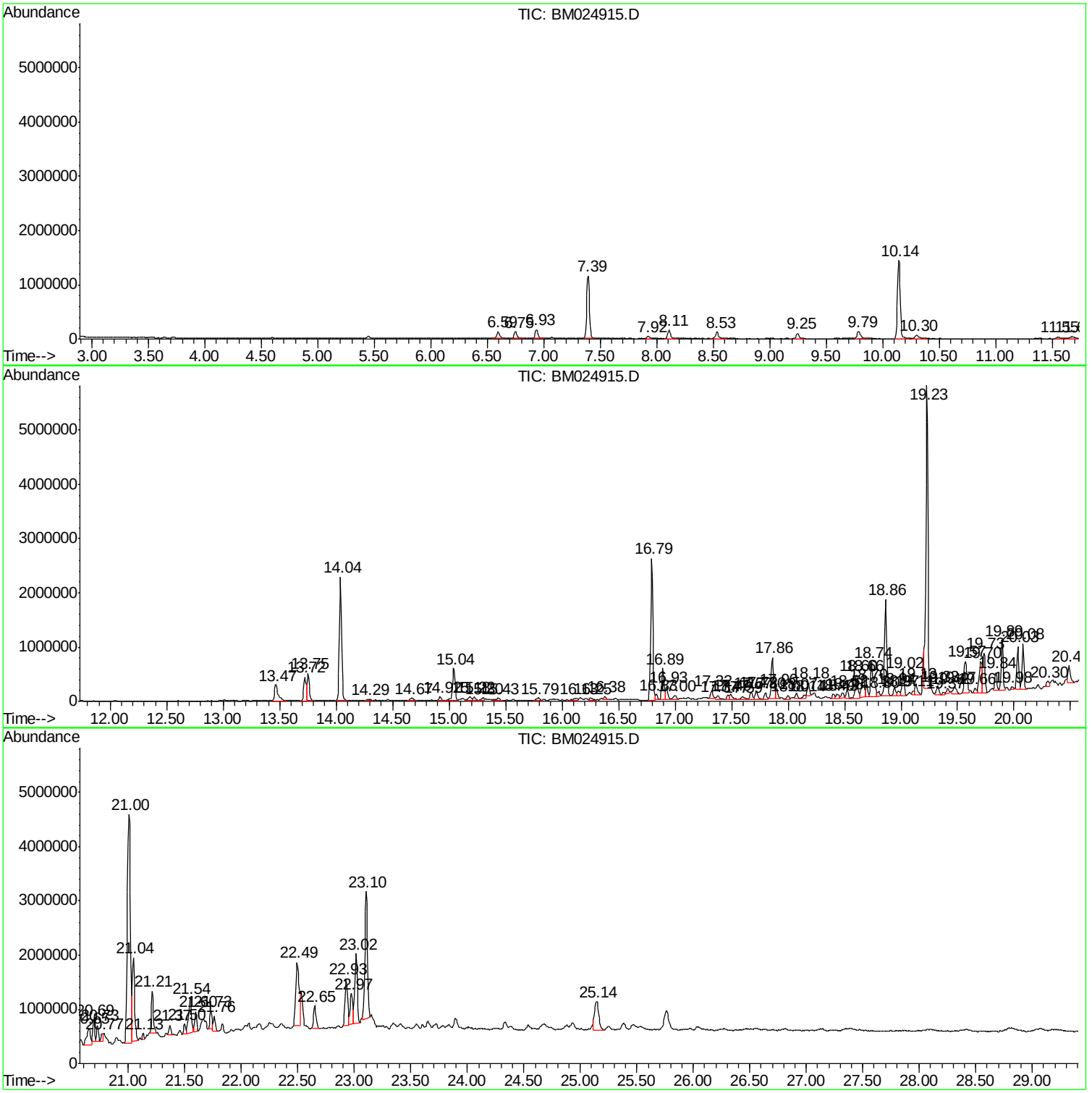
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

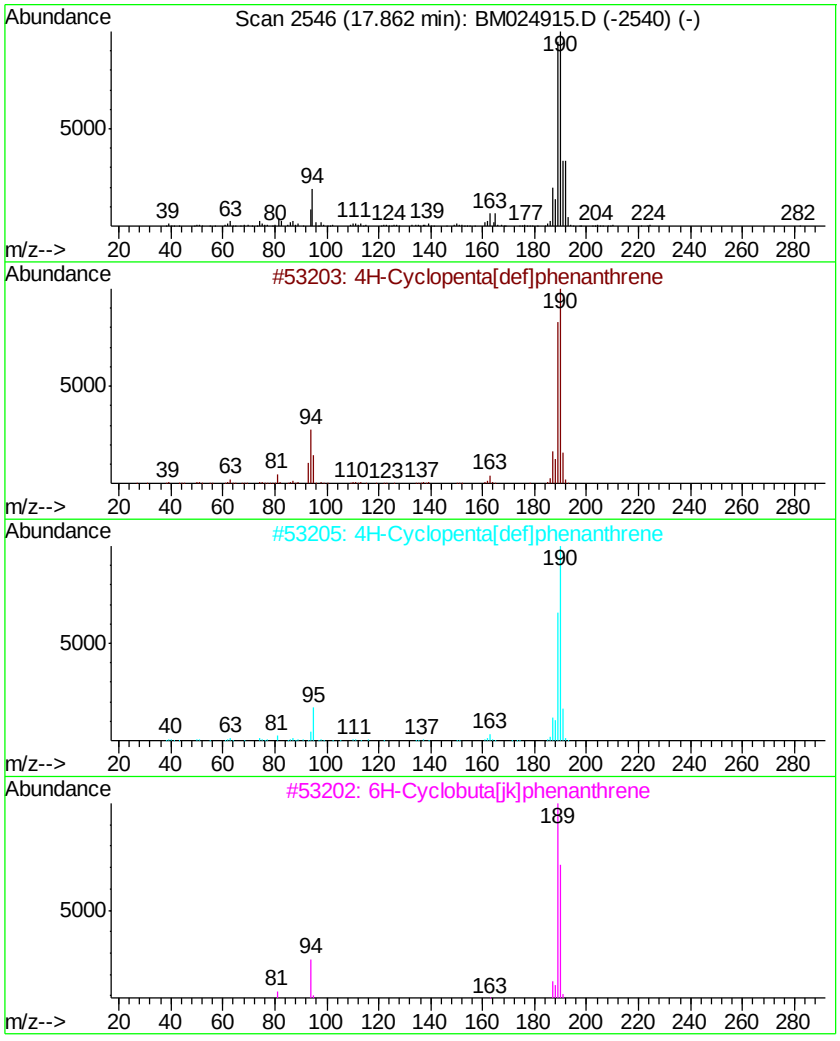
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

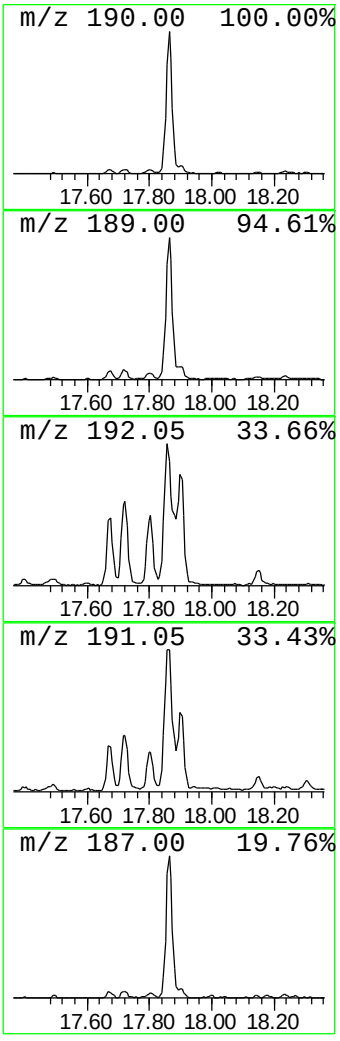
****

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	6.68 ng/ul	1201950	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

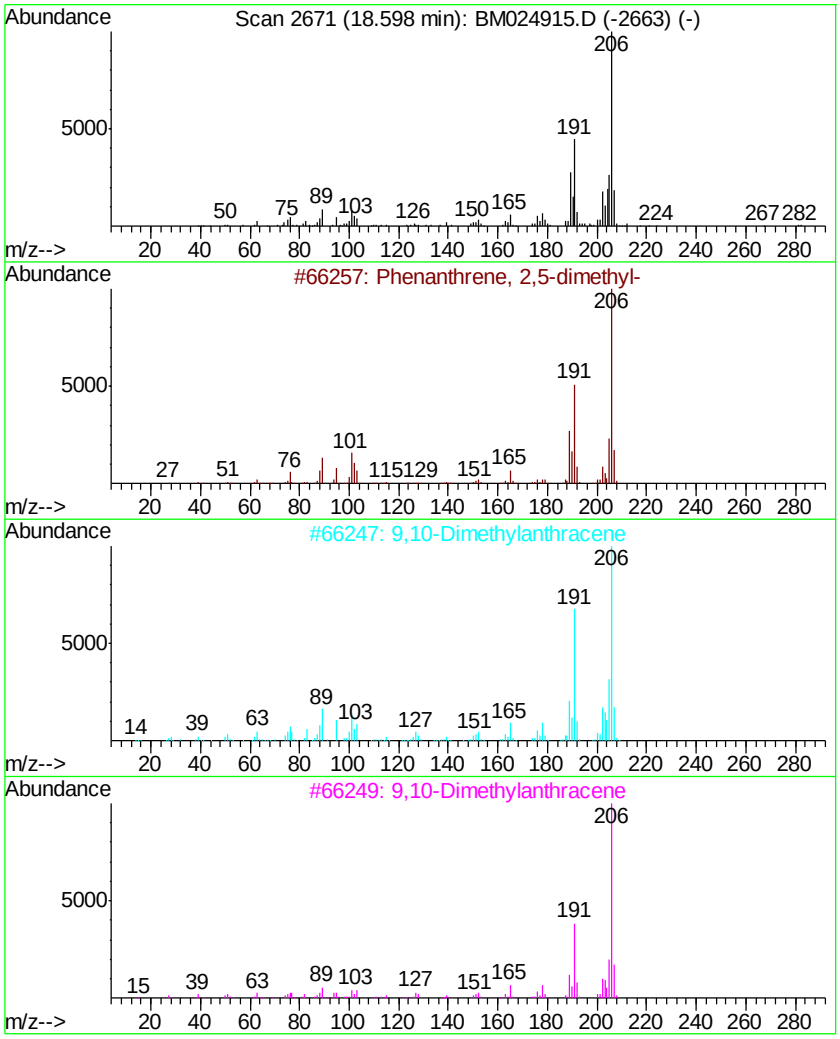
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

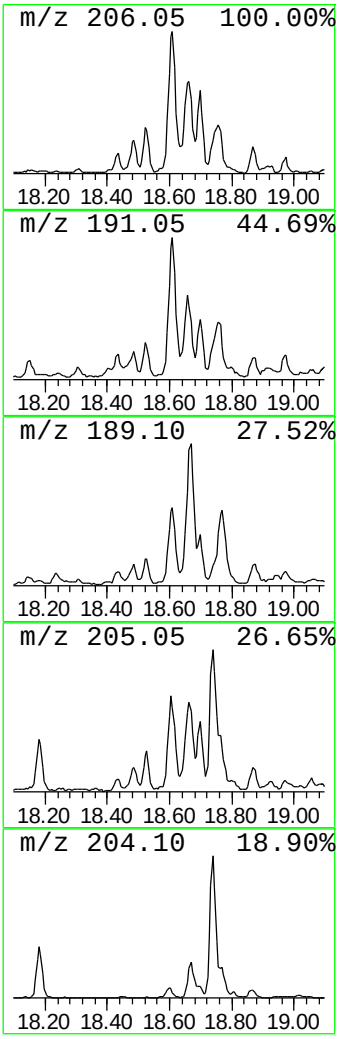
****

Peak Number 2 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	4.32 ng/ul	777515	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

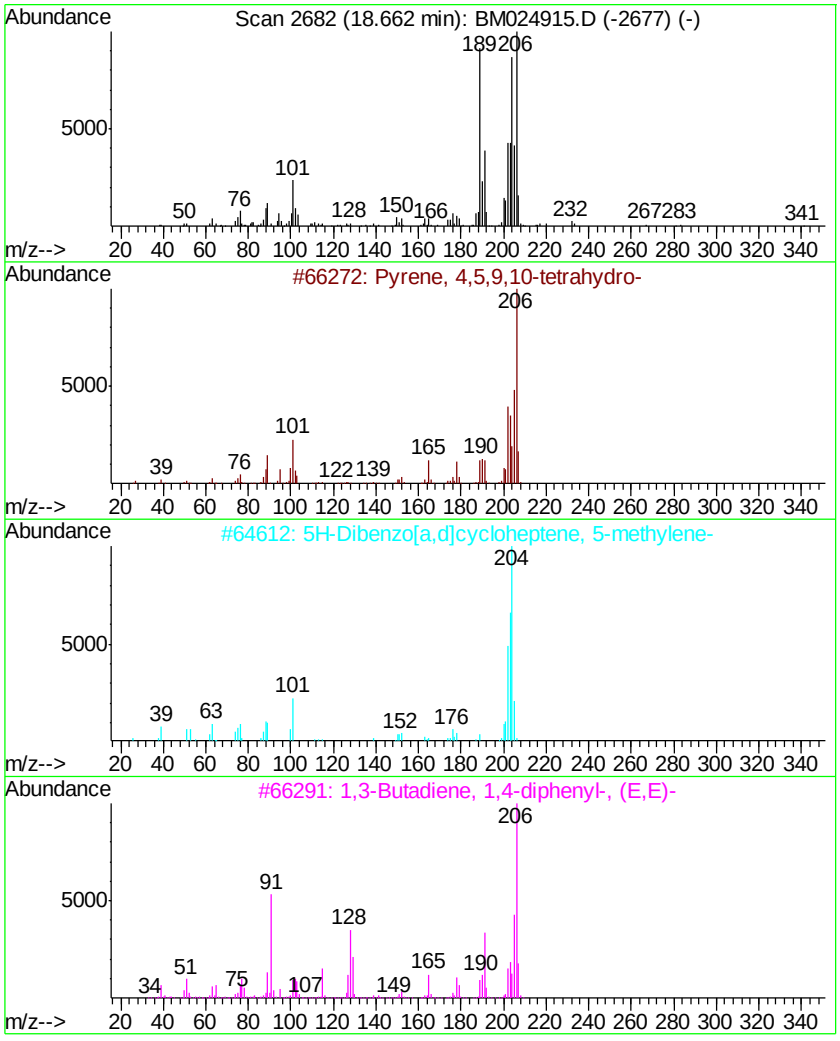
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

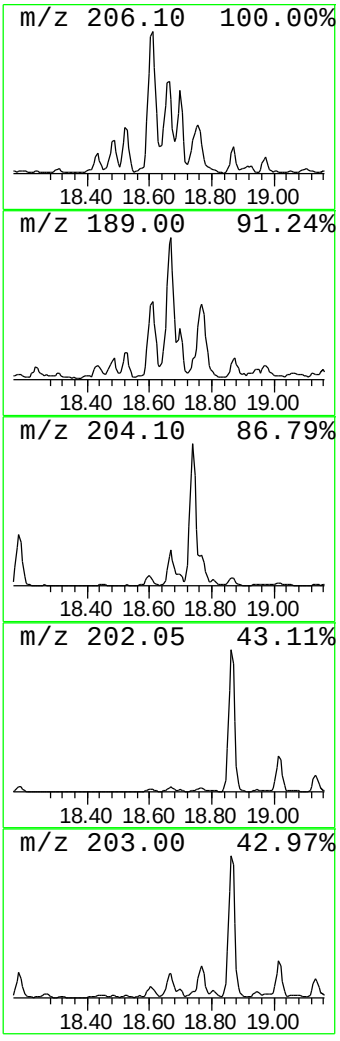
****

Peak Number 3 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	4.02 ng/ul	722386	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	47
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	41
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

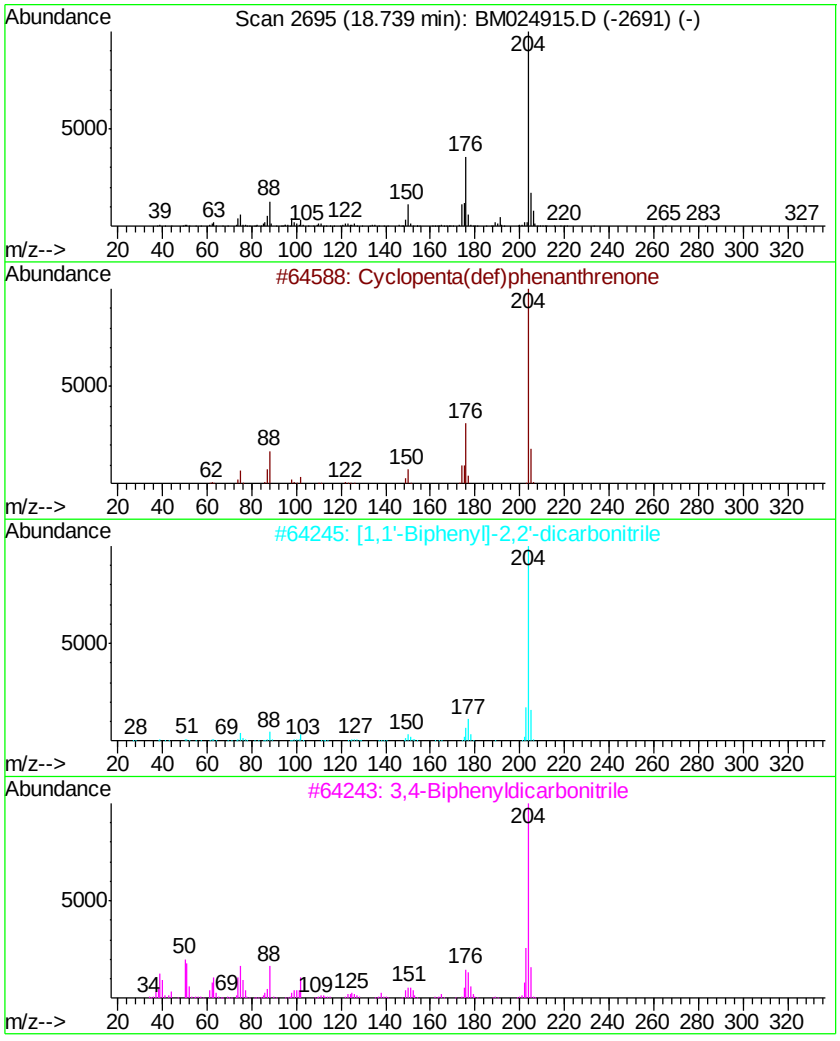
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

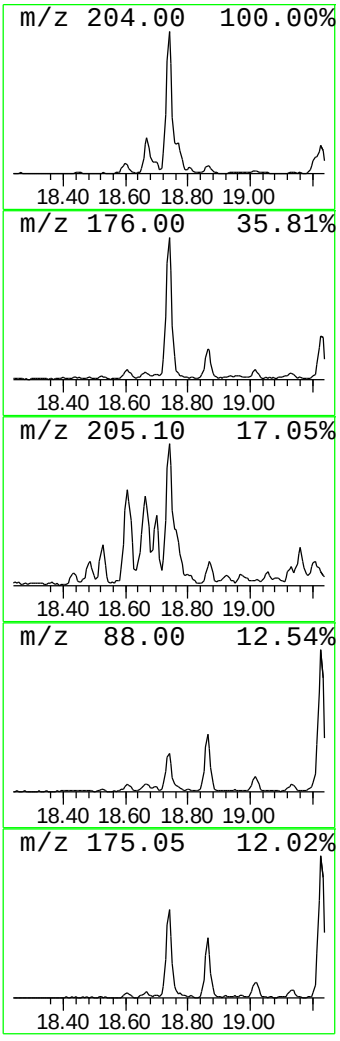
****

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	6.86 ng/ul	1233360	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	47
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

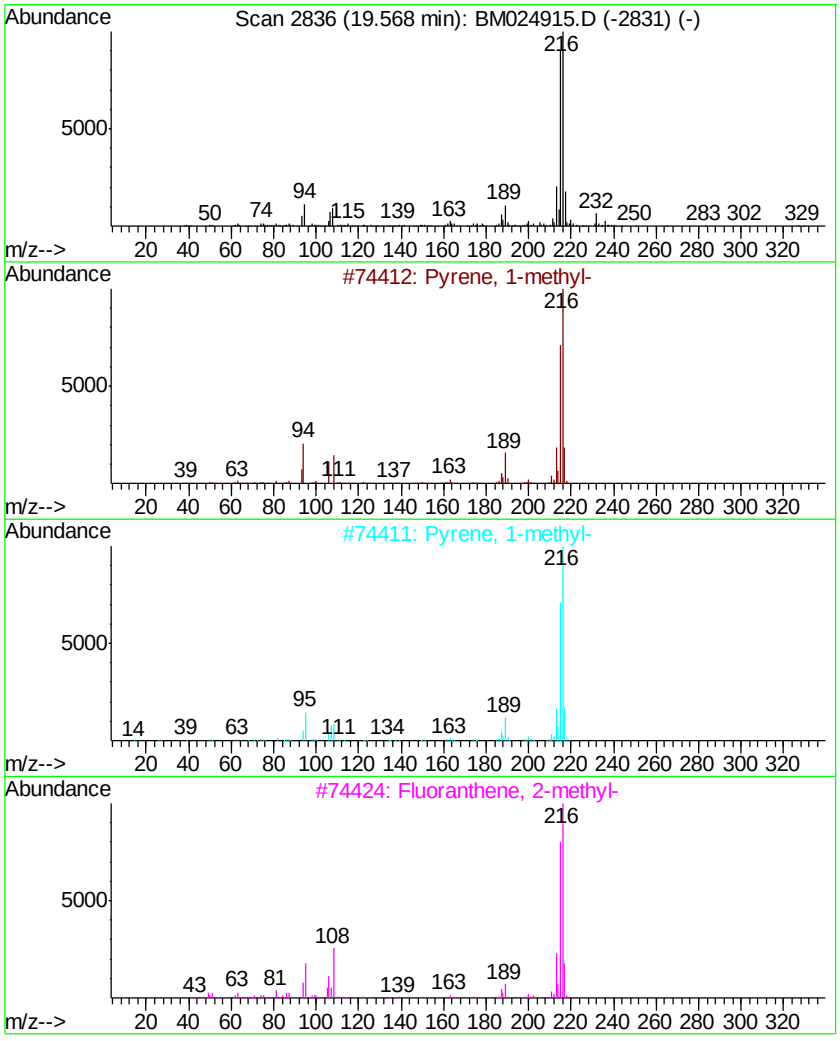
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

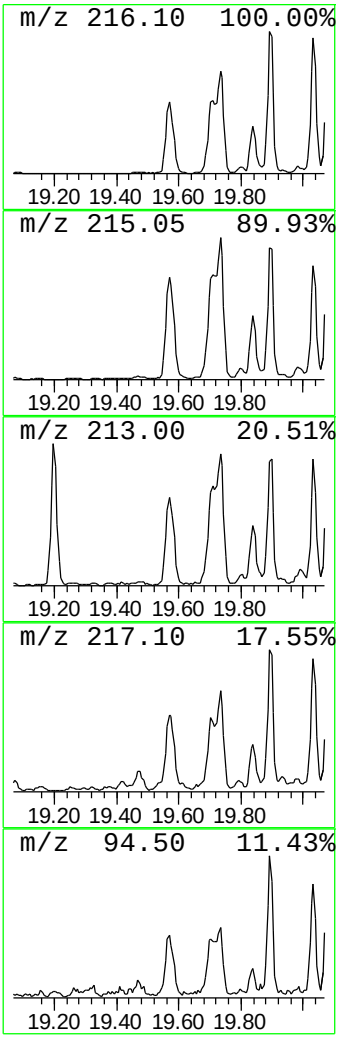
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	2.78 ng/ul	1094410	Chrysene-d12	21.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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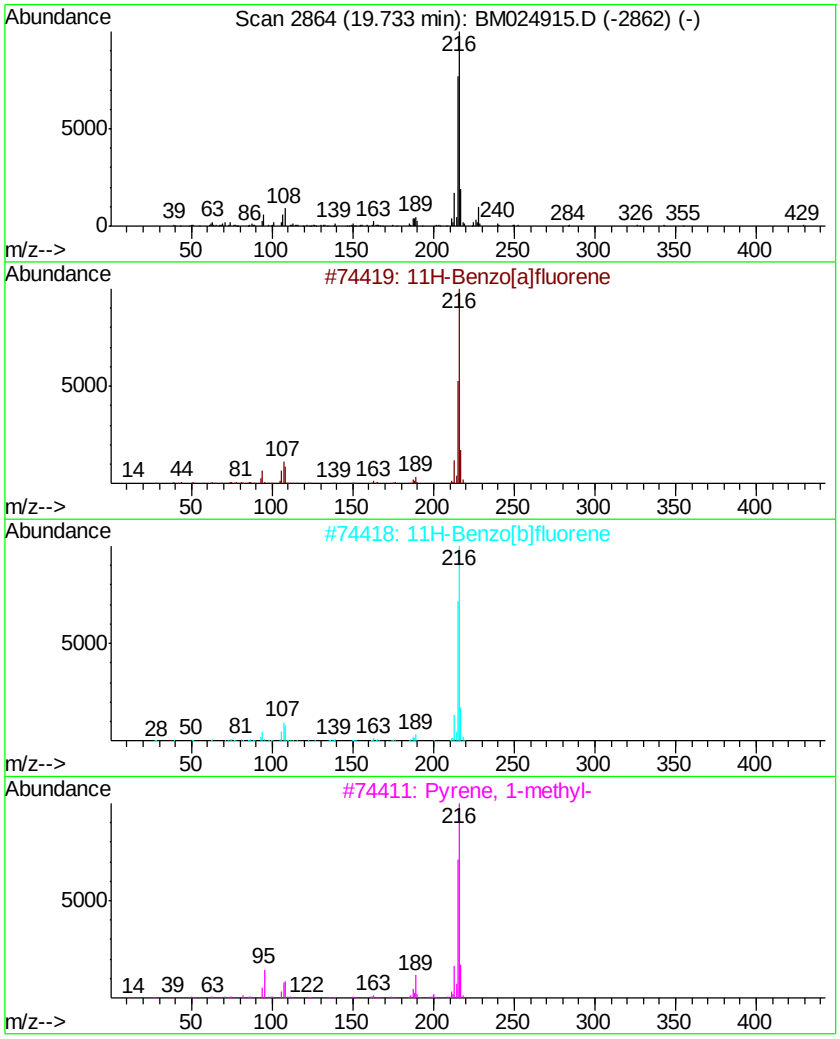
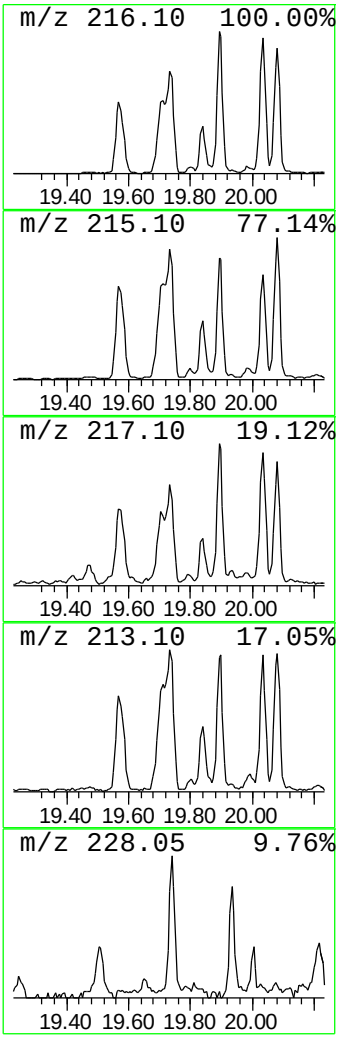
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	2.33 ng/ul	916933	Chrysene-d12	21.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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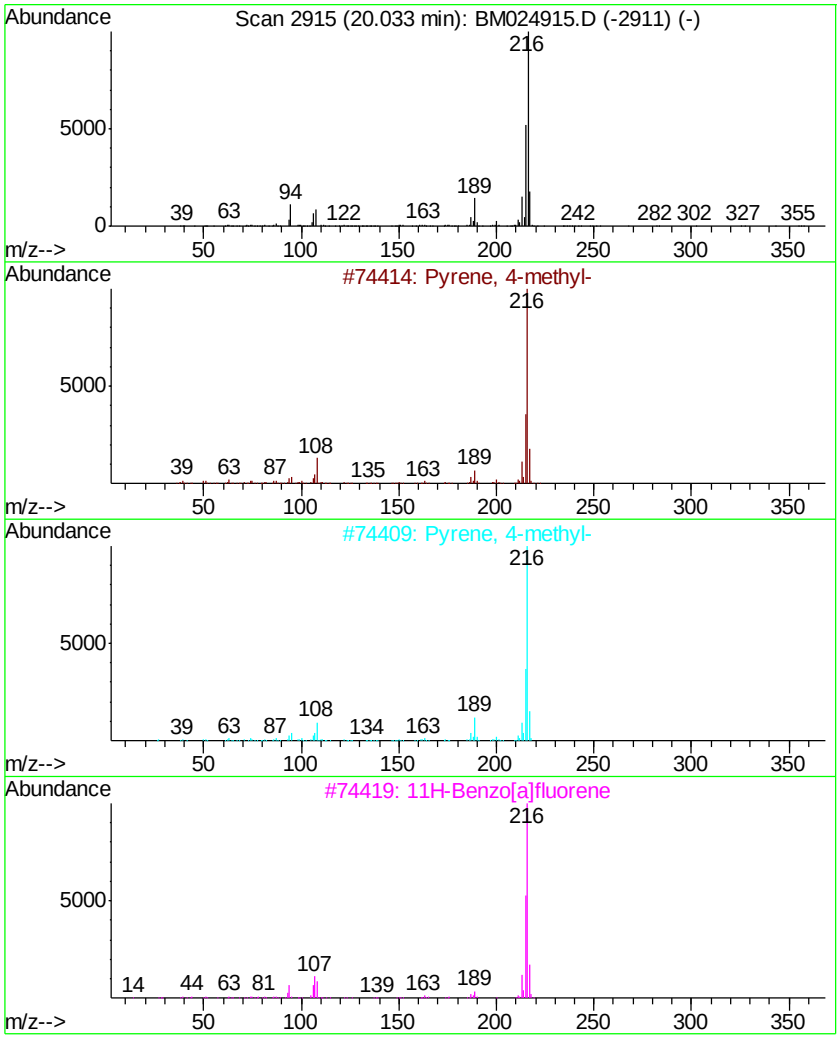
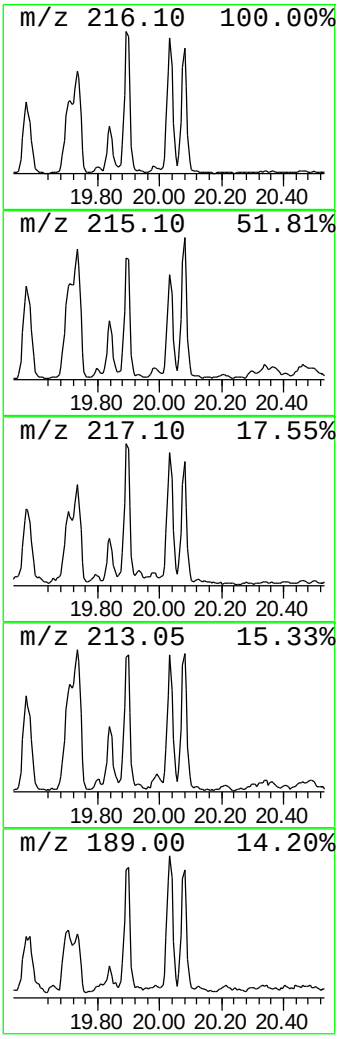
Peak Number 9 Pyrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.49 ng/ul	978661	Chrysene-d12	21.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





Library Search Compound Report

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Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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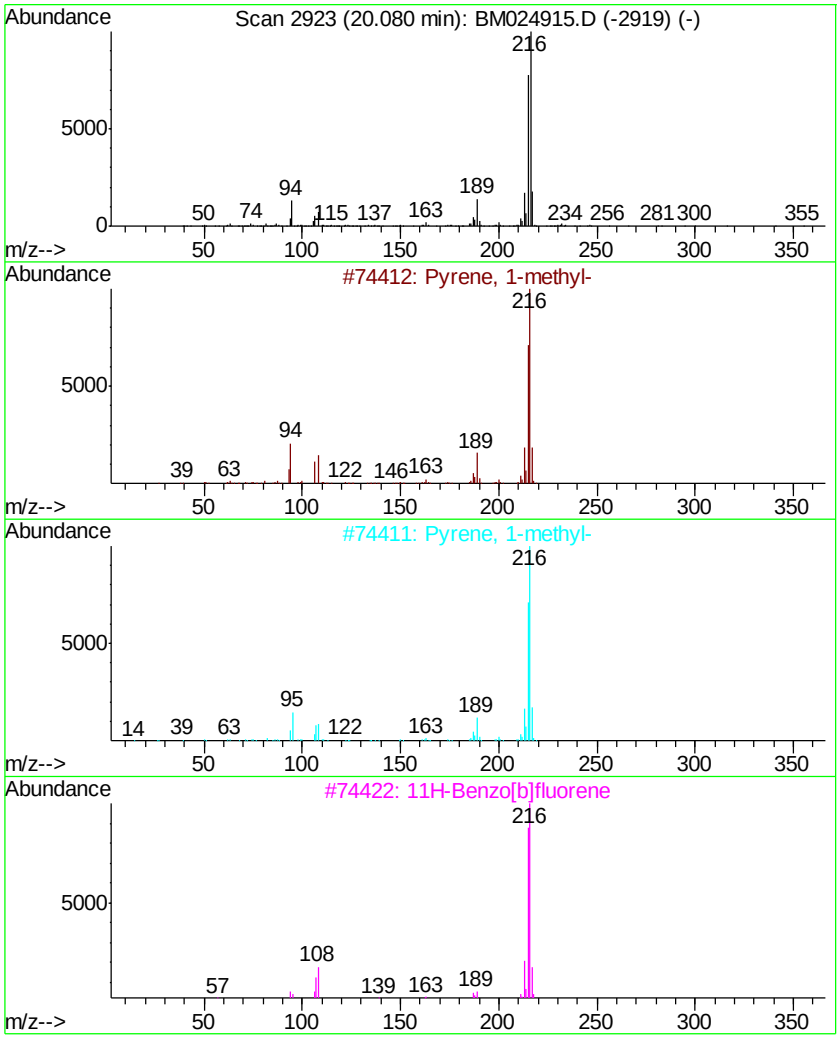
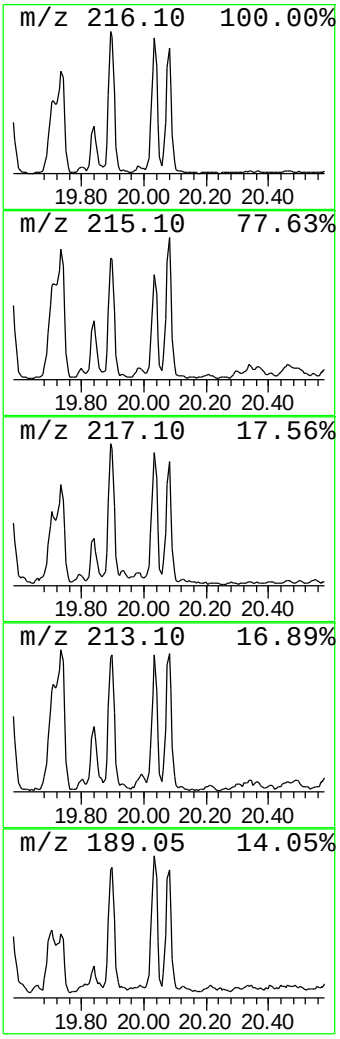
Peak Number 10 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	2.67 ng/ul	1050570	Chrysene-d12	21.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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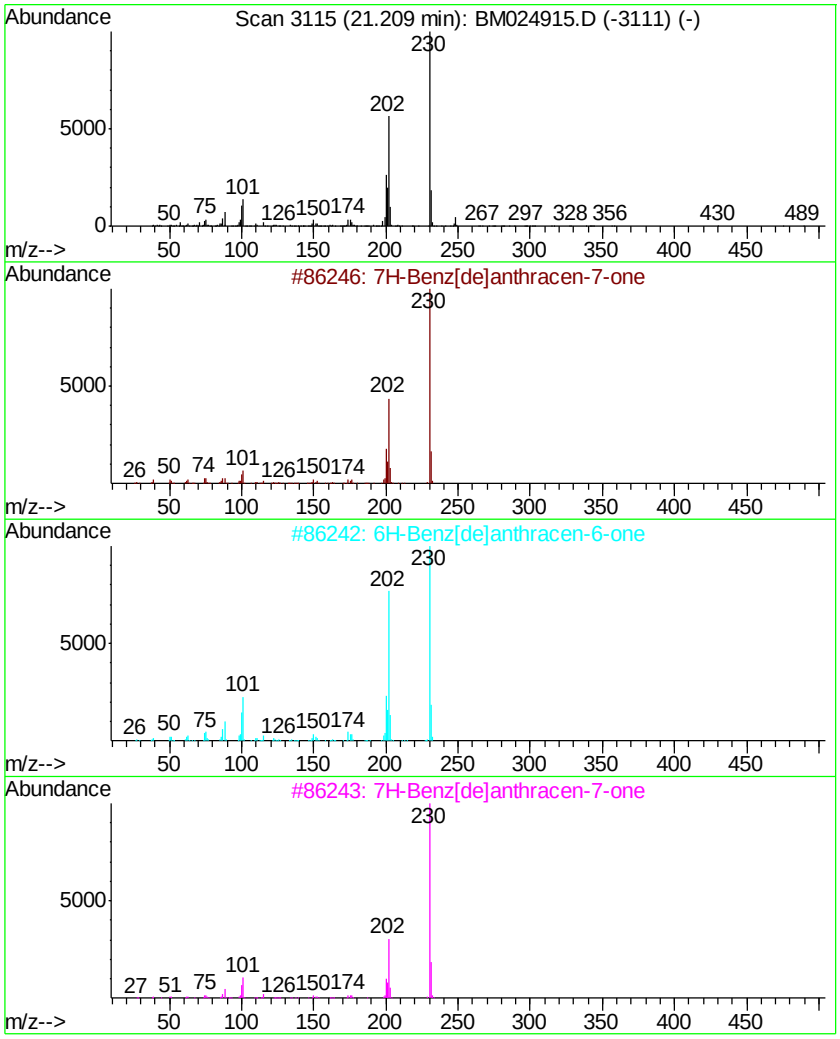
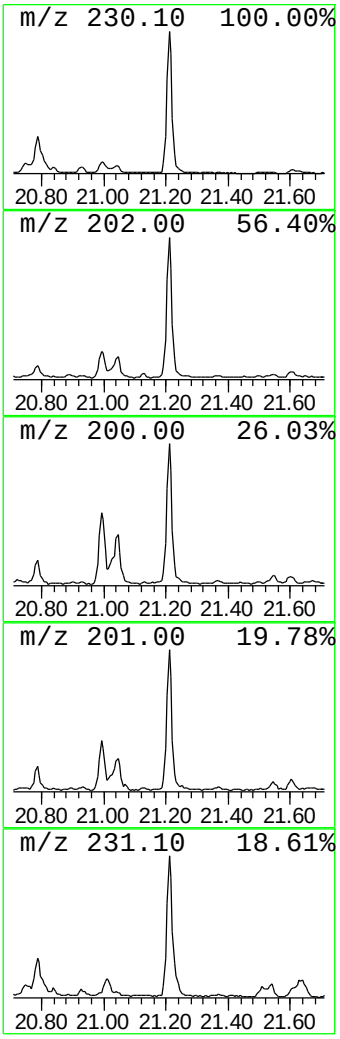
Peak Number 11 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	2.40 ng/ul	942744	Chrysene-d12	21.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	95
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	89
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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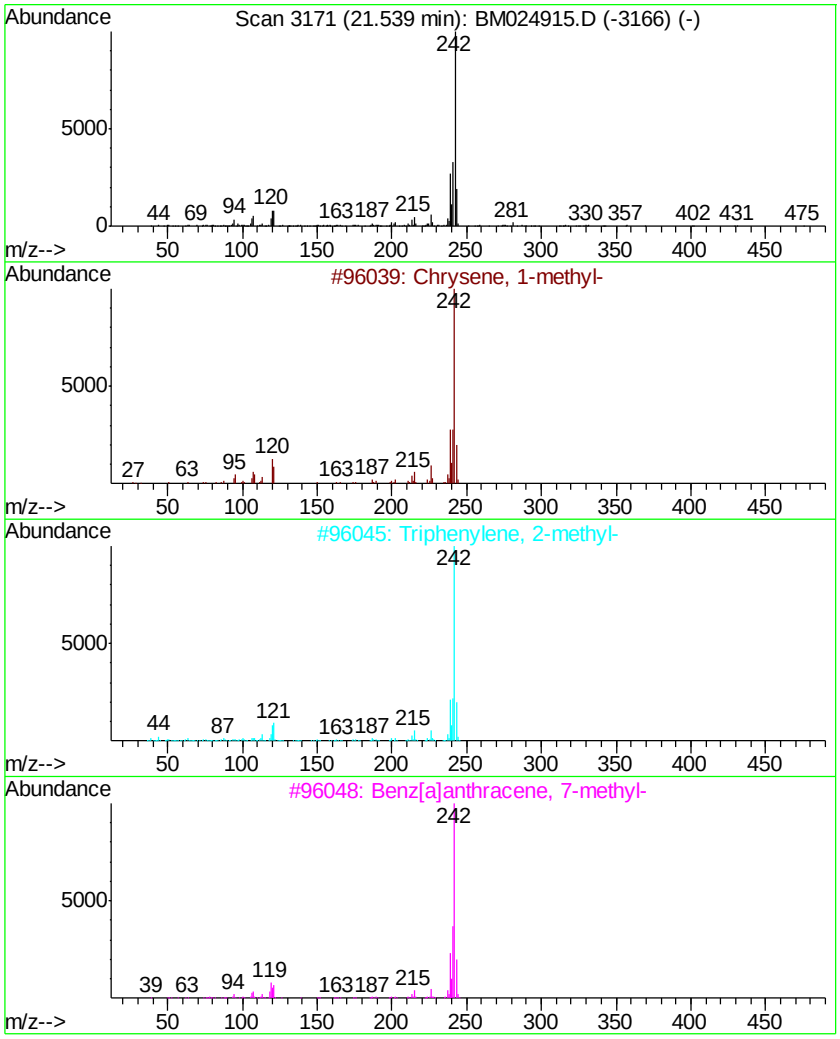
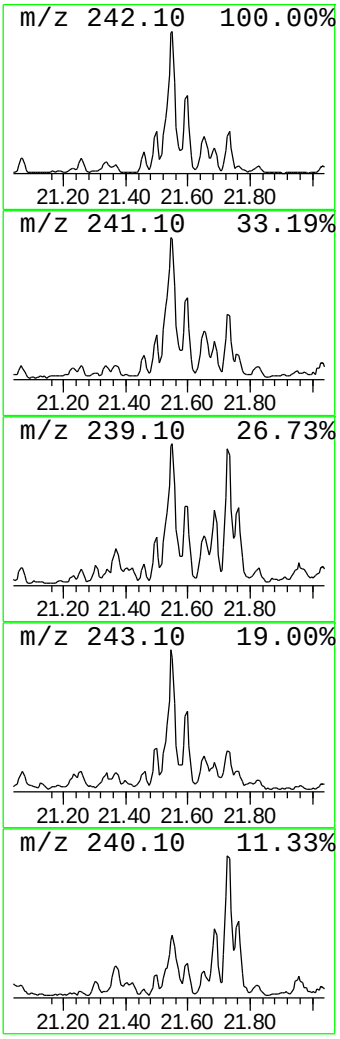
Peak Number 12 Chrysene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.91 ng/ul	1144900	Chrysene-d12	21.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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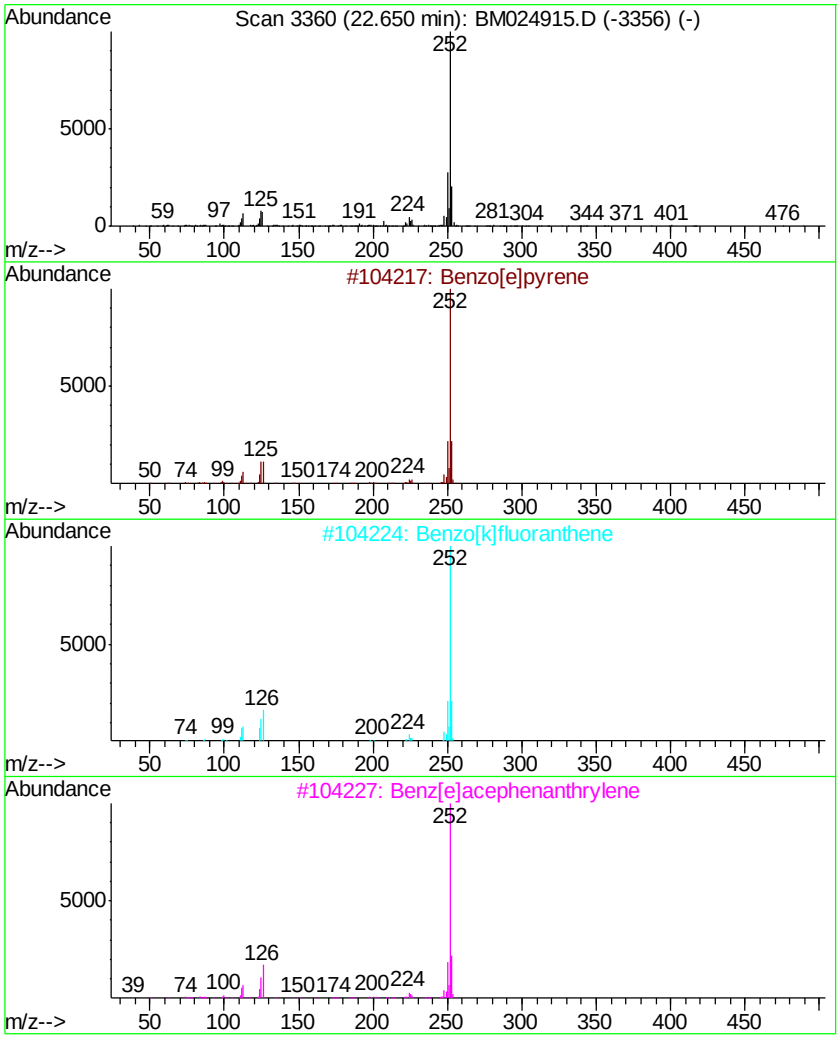
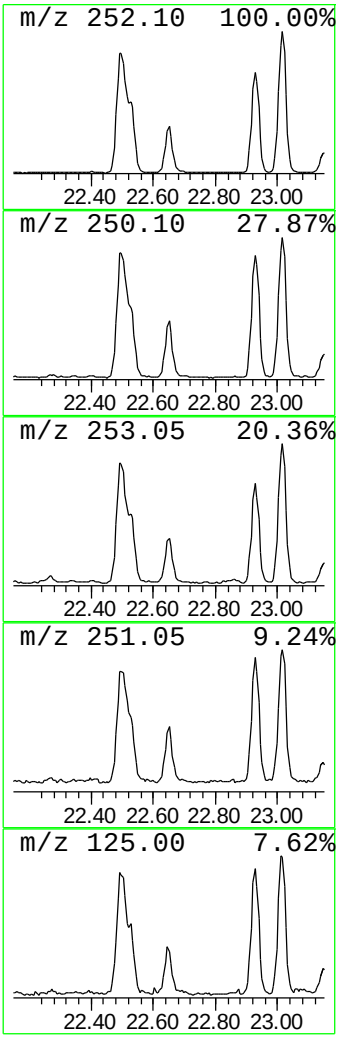
Peak Number 13 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	3.54 ng/ul	678550	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAT69MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
4H-Cyclopenta[def...	17.86	6.7	ng/ul	1201950	4	16.79	3597440	20.0
Phenanthrene, 2,5...	18.60	4.3	ng/ul	777515	4	16.79	3597440	20.0
Pyrene, 4,5,9,10-...	18.66	4.0	ng/ul	722386	4	16.79	3597440	20.0
Cyclopenta(def)ph...	18.74	6.9	ng/ul	1233360	4	16.79	3597440	20.0
Pyrene, 1-methyl-	19.57	2.8	ng/ul	1094410	5	21.01	7867400	20.0
11H-Benzo[b]fluorene	19.73	2.3	ng/ul	916933	5	21.01	7867400	20.0
Pyrene, 4-methyl-	20.03	2.5	ng/ul	978661	5	21.01	7867400	20.0
Pyrene, 2-methyl-	20.08	2.7	ng/ul	1050570	5	21.01	7867400	20.0
7H-Benz[de]anthra...	21.21	2.4	ng/ul	942744	5	21.01	7867400	20.0
Chrysene, 1-methyl-	21.54	2.9	ng/ul	1144900	5	21.01	7867400	20.0
Benzo[e]pyrene	22.65	3.5	ng/ul	678550	6	23.10	3832270	20.0