LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026990.D
Acq On : 03 Aug 2020 22:16
Operator : JU/CG
Sample : L3424-18DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

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-BM072720MA.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	6.840	649	655	663	rBV	41425	66762	0.95%	0.120%
2	6.998	678	682	691	rBV	29855	47271	0.67%	0.085%
3	7.198	711	716	721	rBV	40041	61563	0.88%	0.110%
4	7.663	788	795	801	rBV	478220	736624	10.50%	1.319%
5	8.198	881	886	893	rBV	29261	52256	0.75%	0.094%
6	8.363	908	914	920	rVB	46162	74910	1.07%	0.134%
7	8.798	982	988	994	rVB	35374	60997	0.87%	0.109%
8	9.522	1105	1111	1116	rBV2	27799	46087	0.66%	0.083%
9	10.057	1196	1202	1209	rVB2	49311	80387	1.15%	0.144%
10	10.434	1258	1266	1271	rBV	602586	1008278	14.38%	1.806%
11	10.481	1271	1274	1280	rVV2	50940	81254	1.16%	0.146%
12	12.098	1541	1549	1556	rVB	45524	72163	1.03%	0.129%
13	12.322	1580	1587	1593	rVB	33515	51229	0.73%	0.092%
14	13.616	1802	1807	1812	rVV	27054	46489	0.66%	0.083%
15	13.704	1818	1822	1826	rVV	81344	116976	1.67%	0.209%
16	13.751	1826	1830	1837	rVV2	53627	85049	1.21%	0.152%
17	13.986	1863	1870	1871	rBV	93224	144701	2.06%	0.259%
18	14.010	1871	1874	1884	rVB	267624	424400	6.05%	0.760%
19	14.292	1915	1922	1929	rBV	888334	1292378	18.43%	2.314%
20	14.486	1950	1955	1962	rBV6	30294	58192	0.83%	0.104%
21	14.692	1984	1990	1994	rBV	56208	89762	1.28%	0.161%
22	15.174	2066	2072	2076	rBV2	25885	47190	0.67%	0.085%
23	15.286	2085	2091	2096	rBV	122949	173373	2.47%	0.310%
24	15.339	2096	2100	2107	rVV2	37357	64596	0.92%	0.116%
25	15.639	2147	2151	2155	rVV2	26841	44200	0.63%	0.079%
26	15.786	2172	2176	2184	rVB2	28041	61345	0.87%	0.110%
27	16.010	2209	2214	2217	rVV4	42167	71961	1.03%	0.129%
28	16.068	2221	2224	2229	rVB	46449	58941	0.84%	0.106%
29	16.615	2313	2317	2321	rVV3	35976	54020	0.77%	0.097%
30	16.686	2325	2329	2338	rVB	61849	98660	1.41%	0.177%
31	17.033	2382	2388	2392	rBV	1080078	1484911	21.18%	2.659%
32	17.074	2392	2395	2400	rVV	345173	447795	6.39%	0.802%
33	17.133	2400	2405	2407	rVV2	123769	197552	2.82%	0.354%
34	17.163	2407	2410	2417	rVV	517730	788459	11.24%	1.412%

LSC Area Percent Report

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Operator : JU/CG
Sample : L3424-18DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

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-BM072720MA.M
Title : SVOA CALIBRATION

35	17.221	2417	2420	2426	rVB3	44433	75407	1.08%	0.135%
36	17.404	2447	2451	2452	rBV	43962	52613	0.75%	0.094%
37	17.433	2452	2456	2461	rVV	110372	162360	2.32%	0.291%
38	17.562	2475	2478	2482	rVB3	40719	54245	0.77%	0.097%
39	17.910	2530	2537	2541	rVV	69836	114481	1.63%	0.205%
40	17.951	2541	2544	2552	rVB	127938	194413	2.77%	0.348%
41	18.039	2554	2559	2563	rBV	89056	131487	1.88%	0.235%
42	18.104	2564	2570	2574	rVV4	132340	269287	3.84%	0.482%
43	18.139	2574	2576	2583	rVB	72918	86262	1.23%	0.154%
44	18.227	2585	2591	2593	rBV6	23529	43130	0.62%	0.077%
45	18.257	2593	2596	2599	rVV4	33135	48474	0.69%	0.087%
46	18.298	2599	2603	2608	rVB2	60891	101999	1.45%	0.183%
47	18.409	2619	2622	2625	rVV	78815	114230	1.63%	0.205%
48	18.445	2625	2628	2635	rVB	196359	264087	3.77%	0.473%
49	18.662	2657	2665	2669	rBV3	51050	104108	1.48%	0.186%
50	18.715	2671	2674	2677	rVV	41738	53885	0.77%	0.096%
51	18.751	2677	2680	2684	rVB	45842	62201	0.89%	0.111%
52	18.833	2689	2694	2699	rBV2	143178	230380	3.29%	0.413%
53	18.898	2700	2705	2708	rVV3	72088	116404	1.66%	0.208%
54	18.968	2713	2717	2725	rVV	253159	350238	4.99%	0.627%
55	19.098	2733	2739	2744	rVB	2562274	3352032	47.80%	6.003%
56	19.245	2759	2764	2768	rBV2	120673	174046	2.48%	0.312%
57	19.292	2768	2772	2777	rVV5	58015	129013	1.84%	0.231%
58	19.339	2777	2780	2790	rVB3	74468	157997	2.25%	0.283%
59	19.427	2790	2795	2796	rBV	501922	563264	8.03%	1.009%
60	19.456	2796	2800	2809	rVV	2788340	3871703	55.21%	6.933%
61	19.533	2809	2813	2819	rVB2	103860	219609	3.13%	0.393%
62	19.639	2827	2831	2836	rBV	131834	191736	2.73%	0.343%
63	19.698	2836	2841	2847	rVB	225769	370102	5.28%	0.663%
64	19.798	2850	2858	2862	rBV3	252198	605111	8.63%	1.084%
65	19.921	2874	2879	2883	rBV4	267872	605781	8.64%	1.085%
66	20.009	2890	2894	2898	rBV3	64571	115074	1.64%	0.206%
67	20.056	2898	2902	2905	rVV2	127768	163373	2.33%	0.293%
68	20.109	2905	2911	2916	rVV2	392620	663675	9.46%	1.188%
69	20.151	2916	2918	2922	rVB2	77710	95258	1.36%	0.171%
70	20.198	2923	2926	2931	rBV4	54916	97638	1.39%	0.175%
71	20.251	2931	2935	2939	rBV	295381	378365	5.40%	0.678%

LSC Area Percent Report

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Operator : JU/CG
Sample : L3424-18DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

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-BM072720MA.M
Title : SVOA CALIBRATION

72	20.298	2939	2943	2948	rBV3	167386	262998	3.75%	0.471%
73	20.509	2976	2979	2982	rBV4	106560	165044	2.35%	0.296%
74	20.621	2995	2998	3001	rVB3	80678	82475	1.18%	0.148%
75	20.703	3008	3012	3018	rVB	480180	697396	9.95%	1.249%
76	20.868	3034	3040	3043	rBV2	355423	676470	9.65%	1.211%
77	20.909	3043	3047	3049	rVV2	323822	421385	6.01%	0.755%
78	20.945	3049	3053	3058	rVV2	479270	769491	10.97%	1.378%
79	20.998	3058	3062	3070	rVB2	388992	559995	7.99%	1.003%
80	21.209	3093	3098	3104	rBV2	2025288	4612158	65.77%	8.259%
81	21.256	3104	3106	3113	rVB	2023611	2619393	37.36%	4.691%
82	21.339	3118	3120	3123	rVB2	99922	97913	1.40%	0.175%
83	21.392	3124	3129	3132	rBV3	232429	417575	5.96%	0.748%
84	21.527	3148	3152	3157	rBV	277105	446507	6.37%	0.800%
85	21.580	3158	3161	3169	rVB4	210135	372052	5.31%	0.666%
86	21.715	3181	3184	3186	rBV2	110855	146203	2.08%	0.262%
87	21.768	3187	3193	3197	rVV	395382	687441	9.80%	1.231%
88	21.821	3198	3202	3208	rVB2	502979	729083	10.40%	1.306%
89	21.956	3222	3225	3228	rBV	216383	286524	4.09%	0.513%
90	22.227	3268	3271	3275	rVB	163607	211119	3.01%	0.378%
91	22.503	3314	3318	3332	rVB3	236202	717525	10.23%	1.285%
92	22.633	3336	3340	3345	rVB2	266958	432417	6.17%	0.774%
93	22.774	3357	3364	3369	rBV2	3135844	7012154	100.00%	12.557%
94	22.939	3388	3392	3400	rVB	385036	585953	8.36%	1.049%
95	23.068	3410	3414	3422	rBV2	184221	361126	5.15%	0.647%
96	23.244	3438	3444	3450	rVV	1478562	2558804	36.49%	4.582%
97	23.333	3454	3459	3467	rVB	1150586	2122099	30.26%	3.800%
98	23.427	3469	3475	3480	rVV2	809694	1599902	22.82%	2.865%
99	23.480	3481	3484	3492	rVB2	333603	656921	9.37%	1.176%
100	25.638	3843	3851	3863	rVB2	962513	2859102	40.77%	5.120%

Sum of corrected areas: 55841424

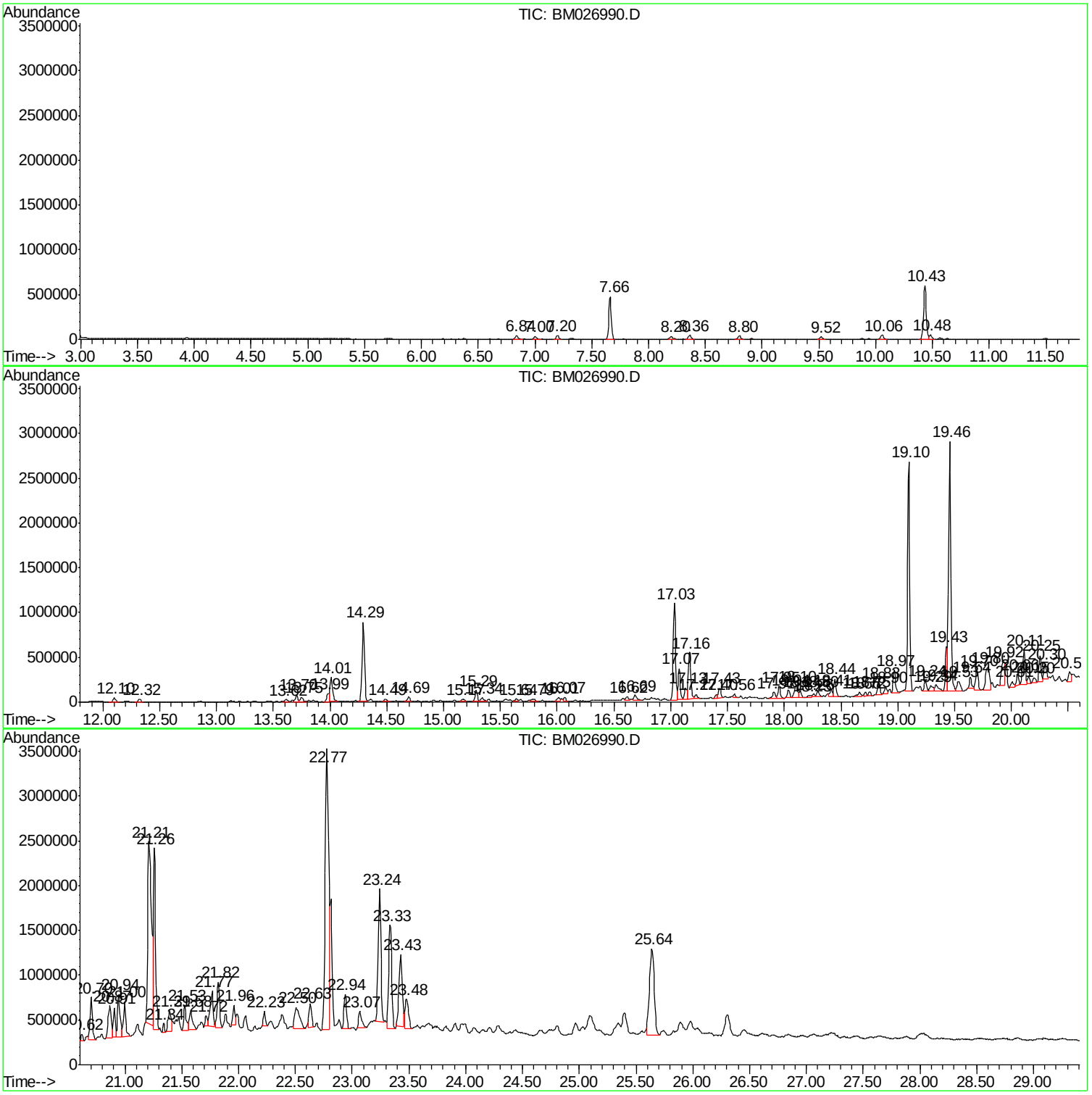
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026990.D
Acq On : 03 Aug 2020 22:16
Operator : JU/CG
Sample : L3424-18DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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\BM080320\
Data File : BM026990.D
Acq On : 03 Aug 2020 22:16
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Sample : L3424-18DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

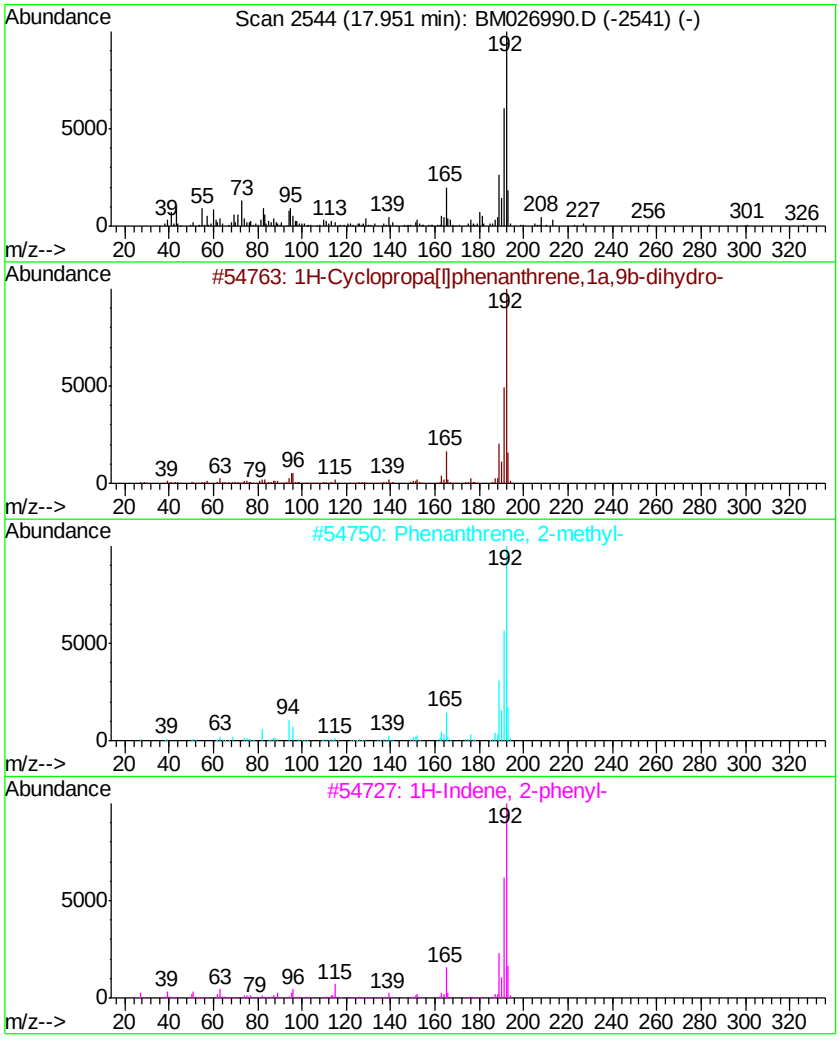
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

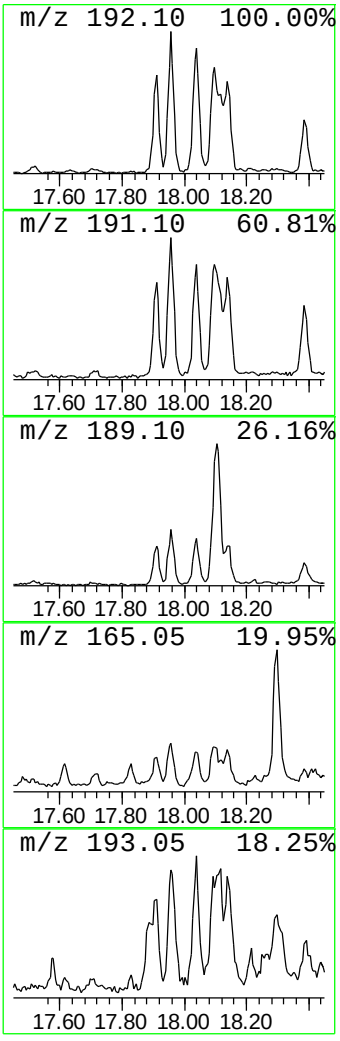
****

Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.62 ng/ul	194413	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
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Acq On : 03 Aug 2020 22:16
Operator : JU/CG
Sample : L3424-18DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

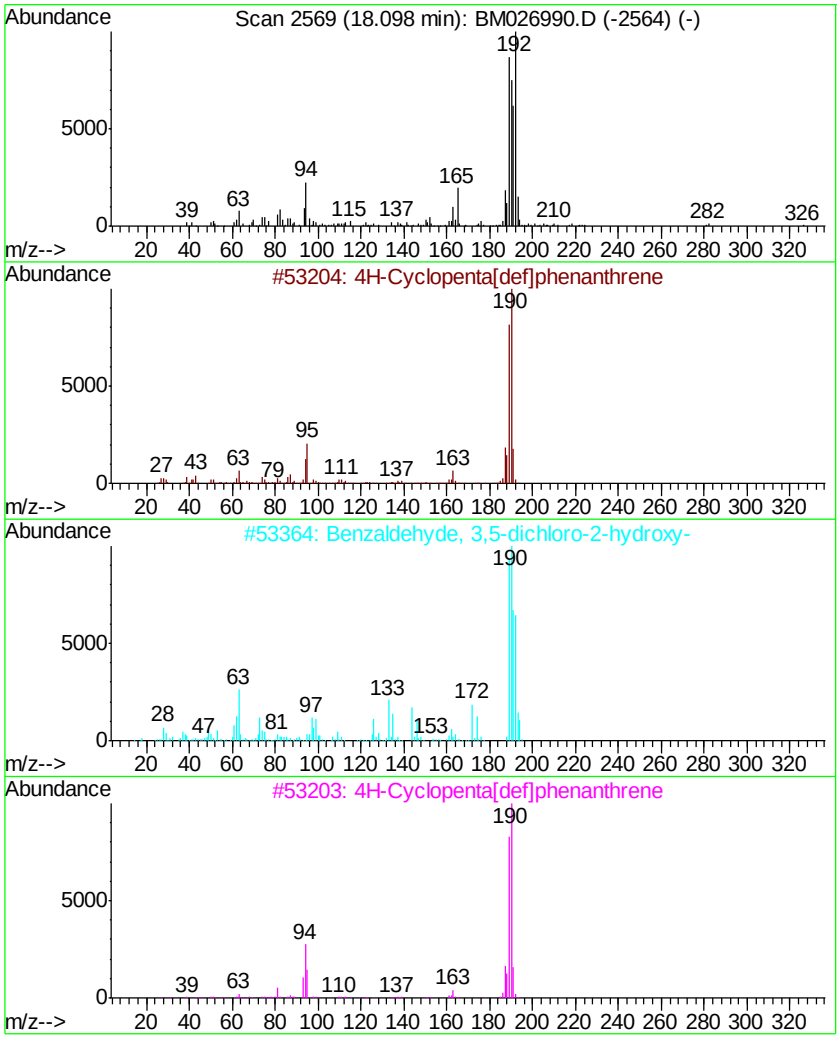
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

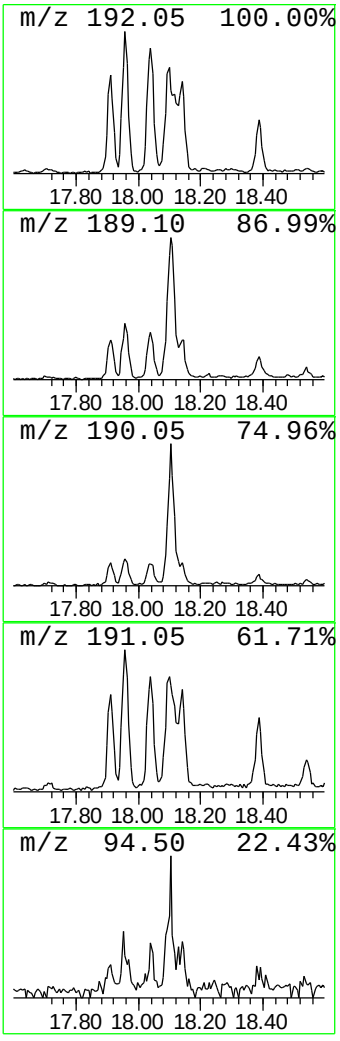
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.63 ng/ul	269287	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

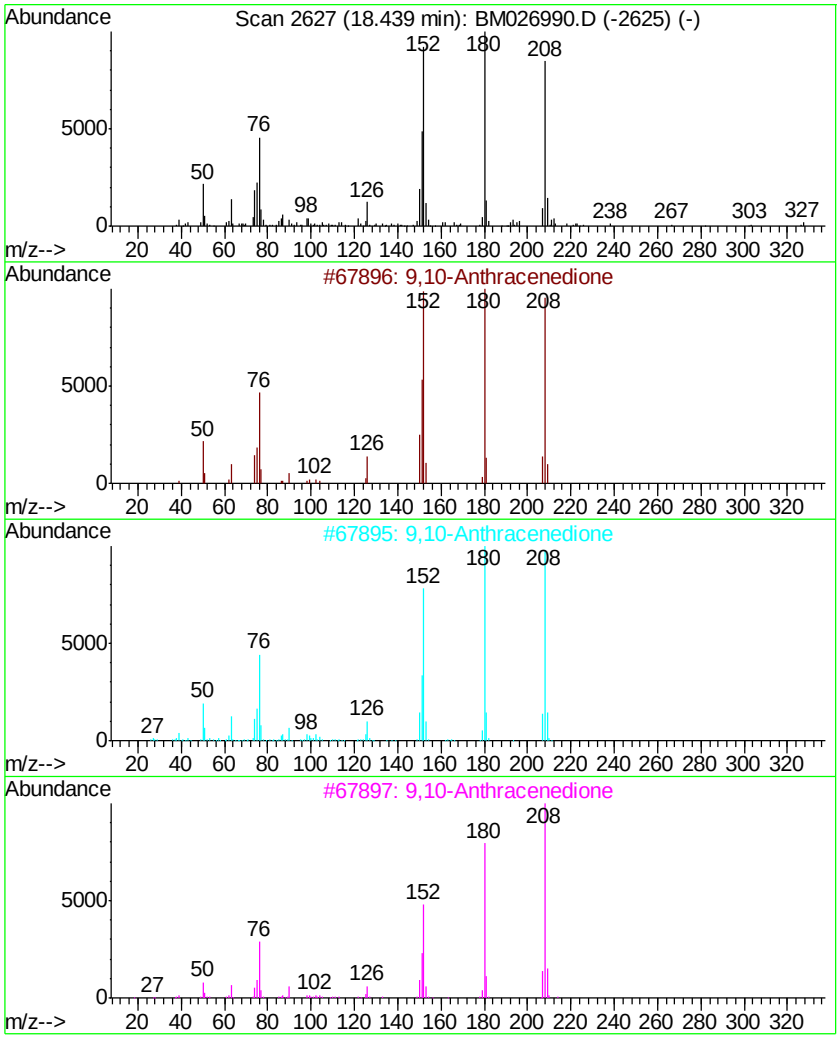
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

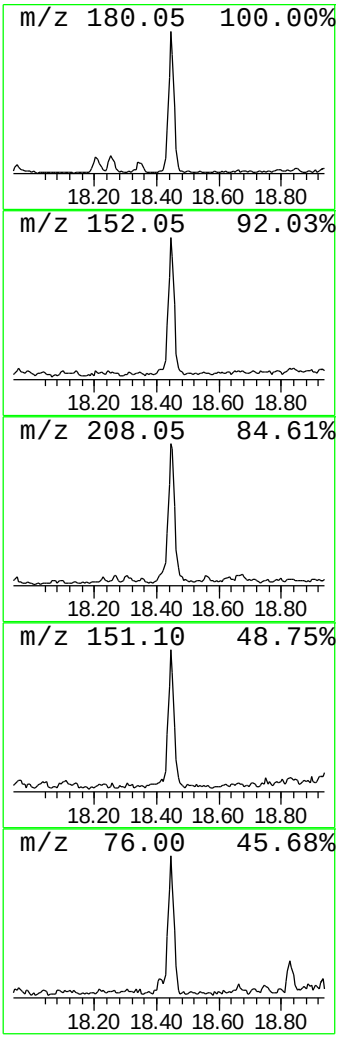
****

Peak Number 3 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	3.56 ng/ul	264087	Phenanthrene-d10	17.03

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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	62
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

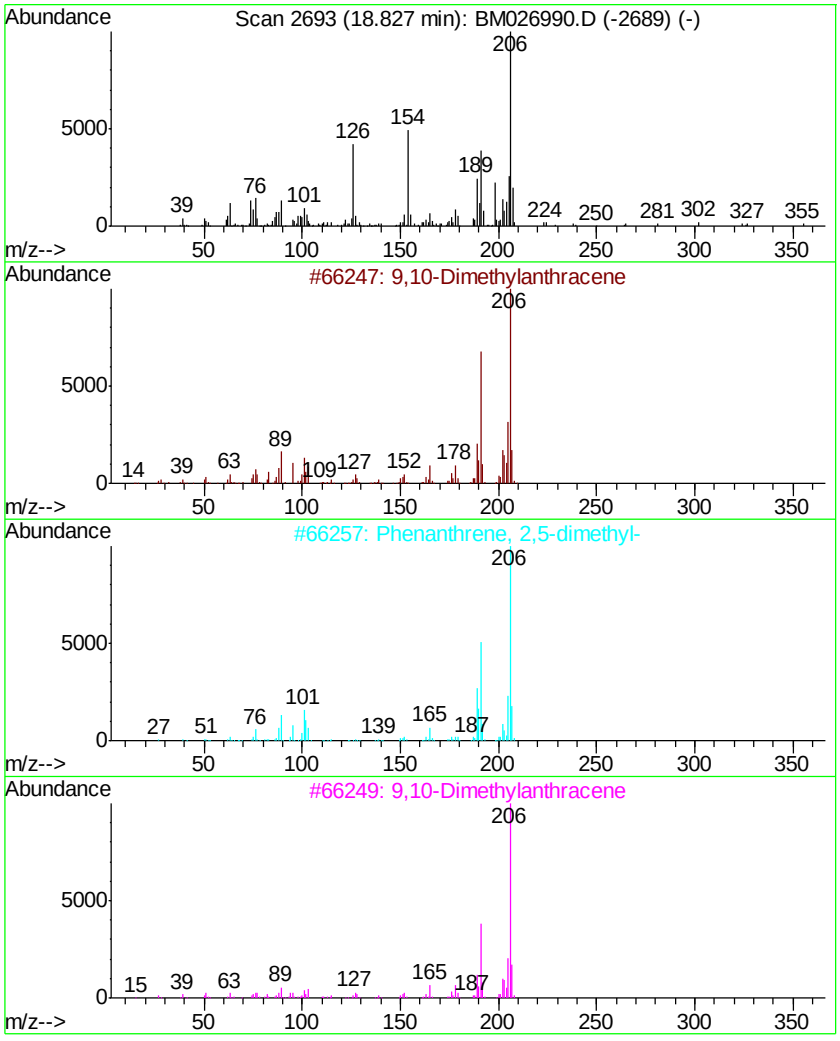
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

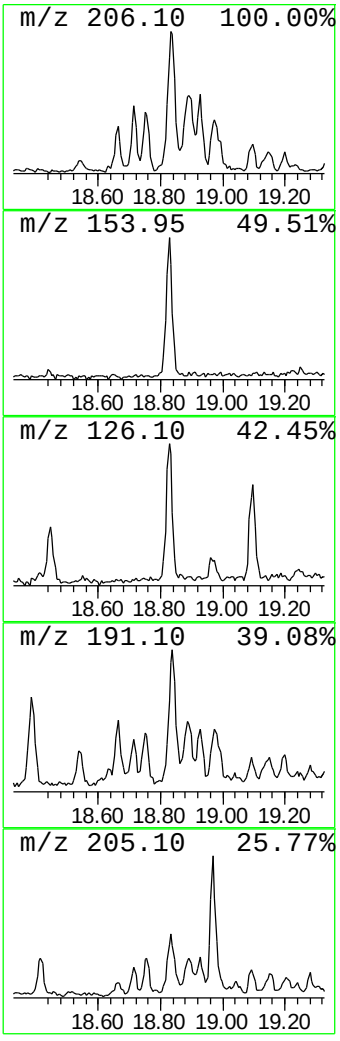
****

Peak Number 4 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	3.10 ng/ul	230380	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026990.D
Acq On : 03 Aug 2020 22:16
Operator : JU/CG
Sample : L3424-18DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

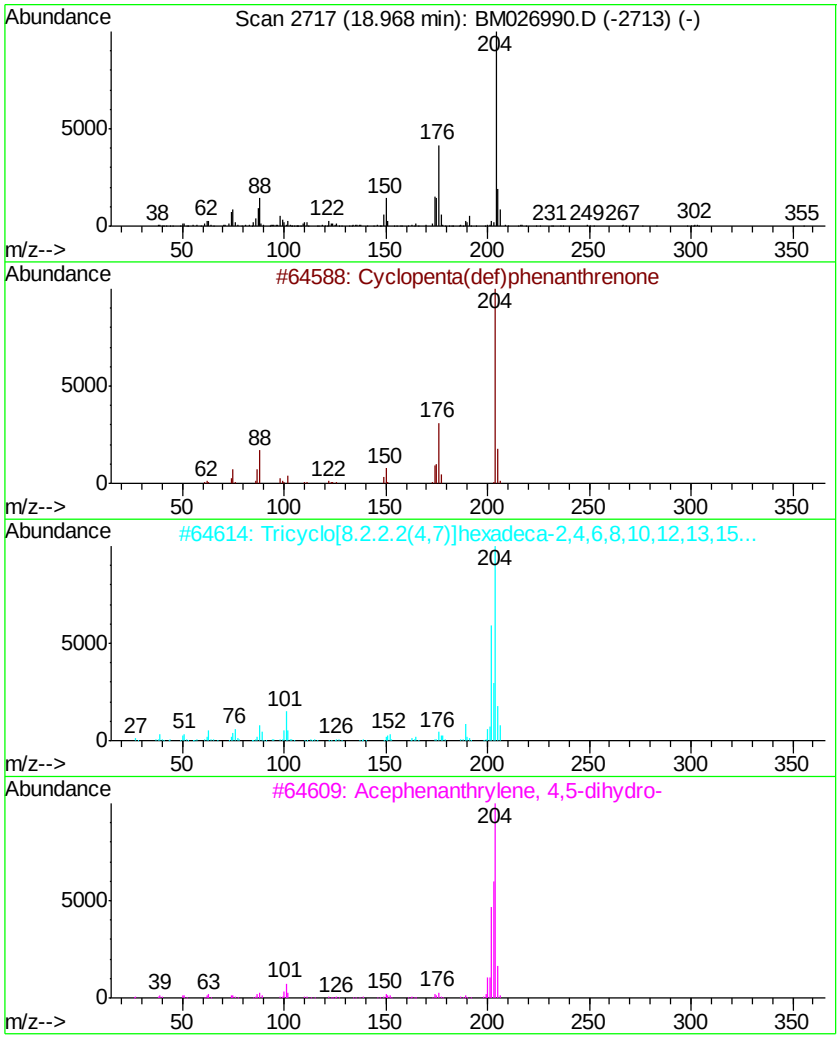
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

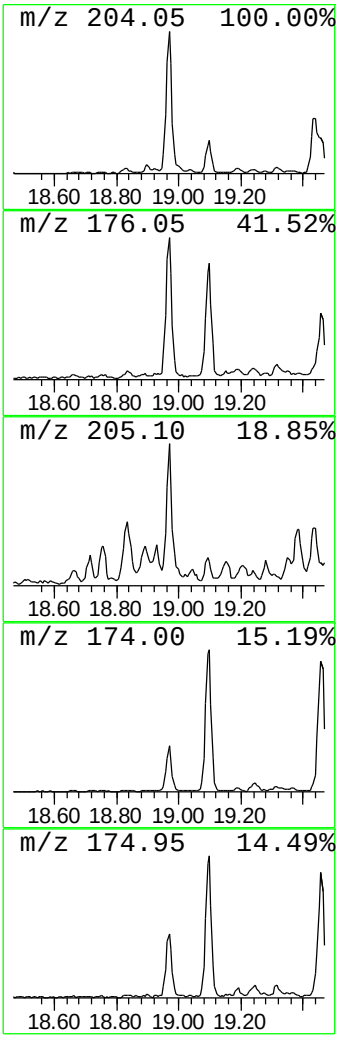
****

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	4.72 ng/ul	350238	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Operator : JU/CG
Sample : L3424-18DL 10X
Misc :
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Instrument : BNA_M
ClientSampleId : C0S93DL

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Quant Title : SVOA CALIBRATION

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

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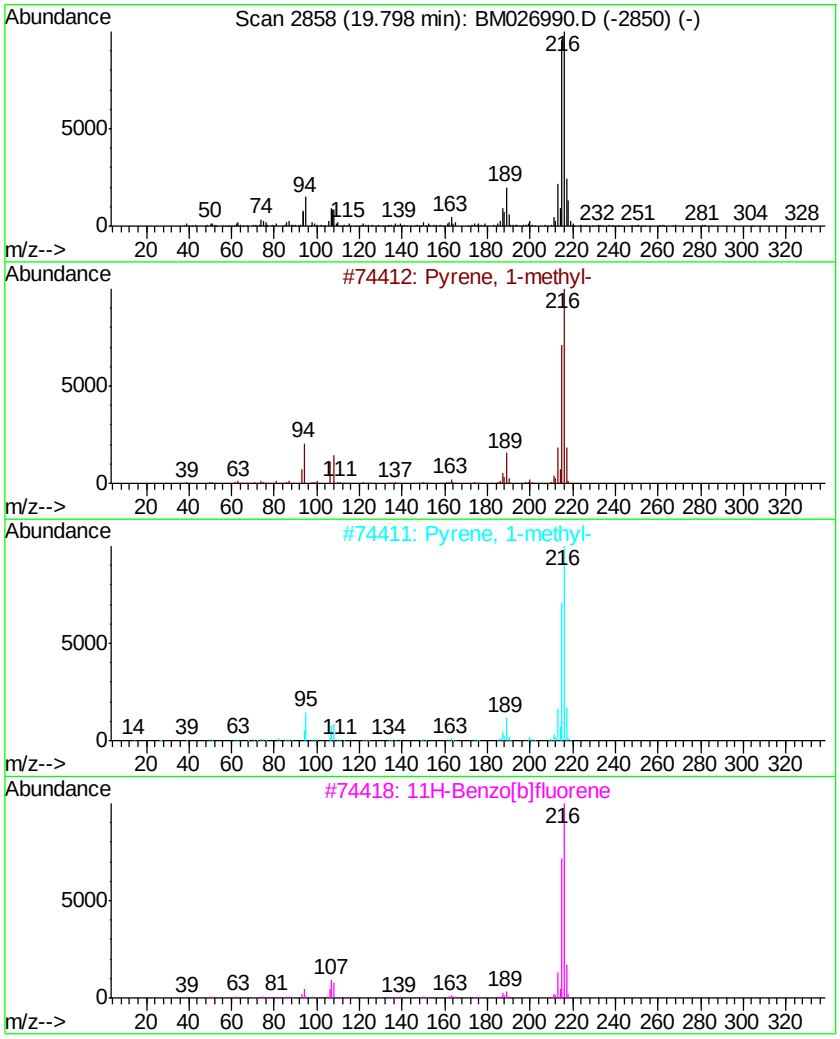
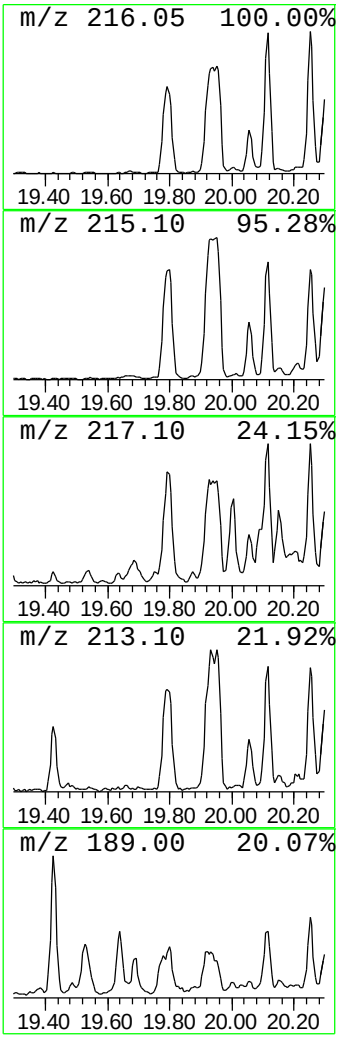
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	2.62 ng/ul	605111	Chrysene-d12	21.22

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	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68





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Quant Title : SVOA CALIBRATION

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

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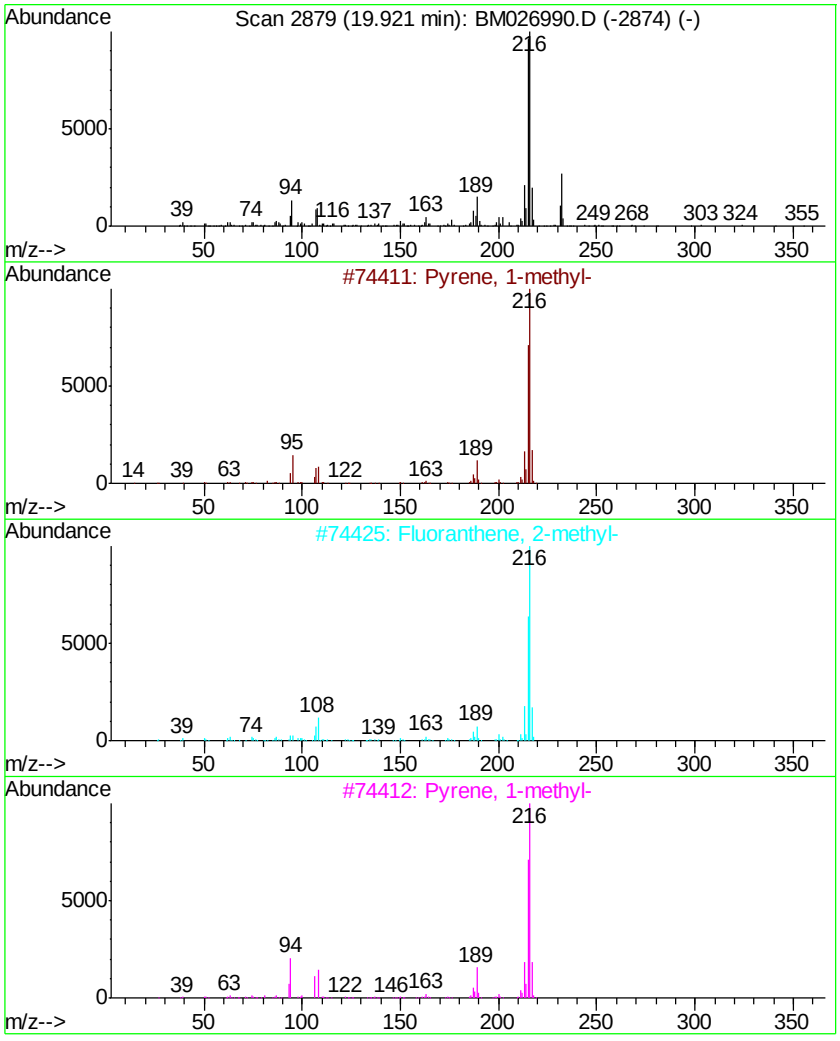
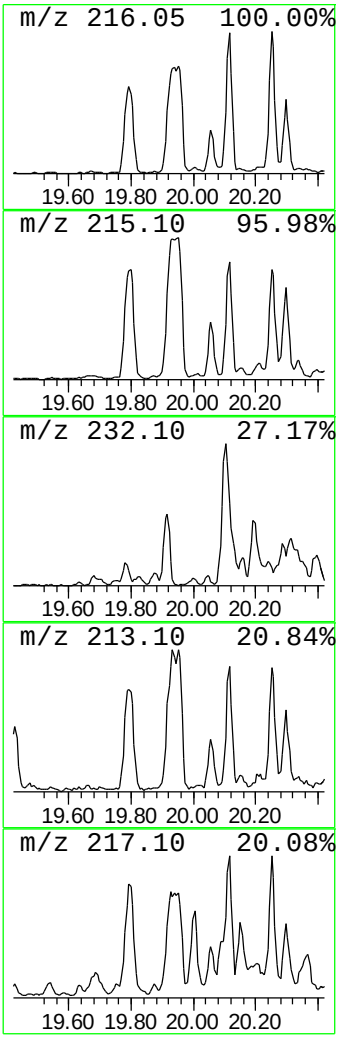
Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.63 ng/ul	605781	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





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ClientSampleId : C0S93DL

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Quant Title : SVOA CALIBRATION

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

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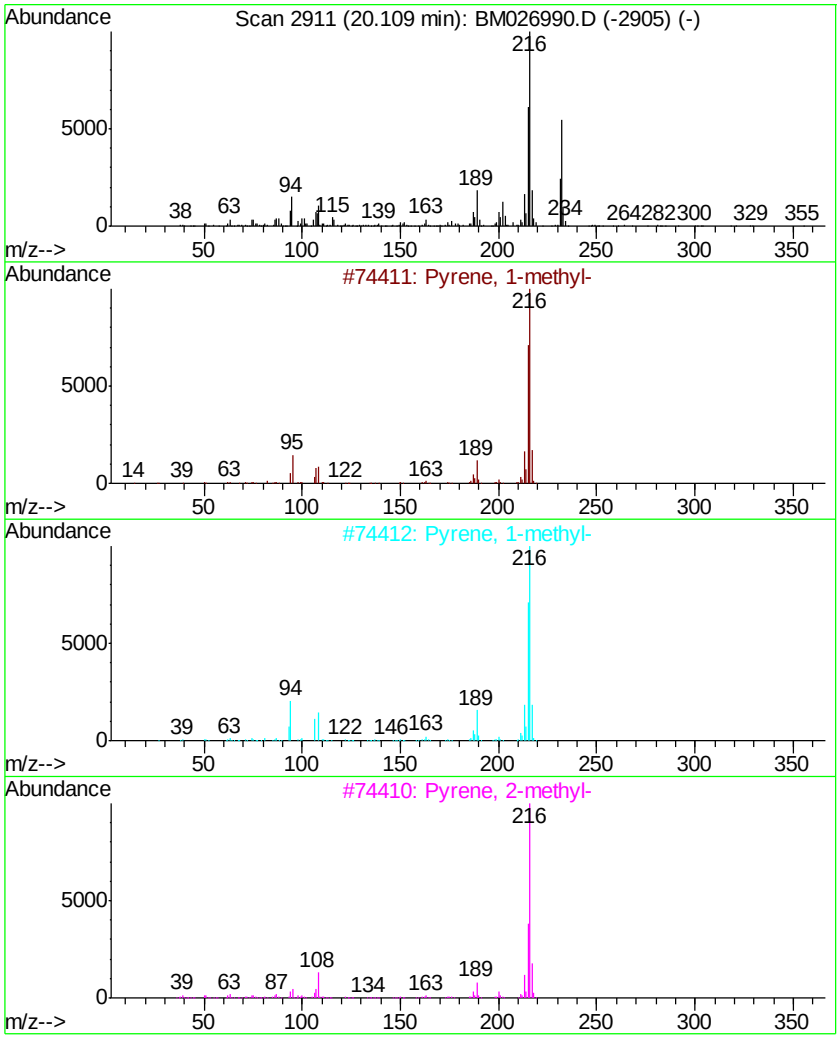
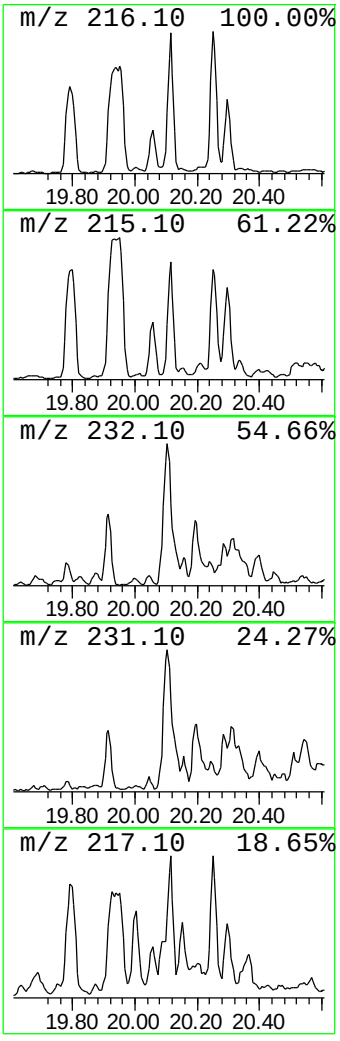
Peak Number 8 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.88 ng/ul	663675	Chrysene-d12	21.22

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	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60





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ClientSampleId : C0S93DL

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Quant Title : SVOA CALIBRATION

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

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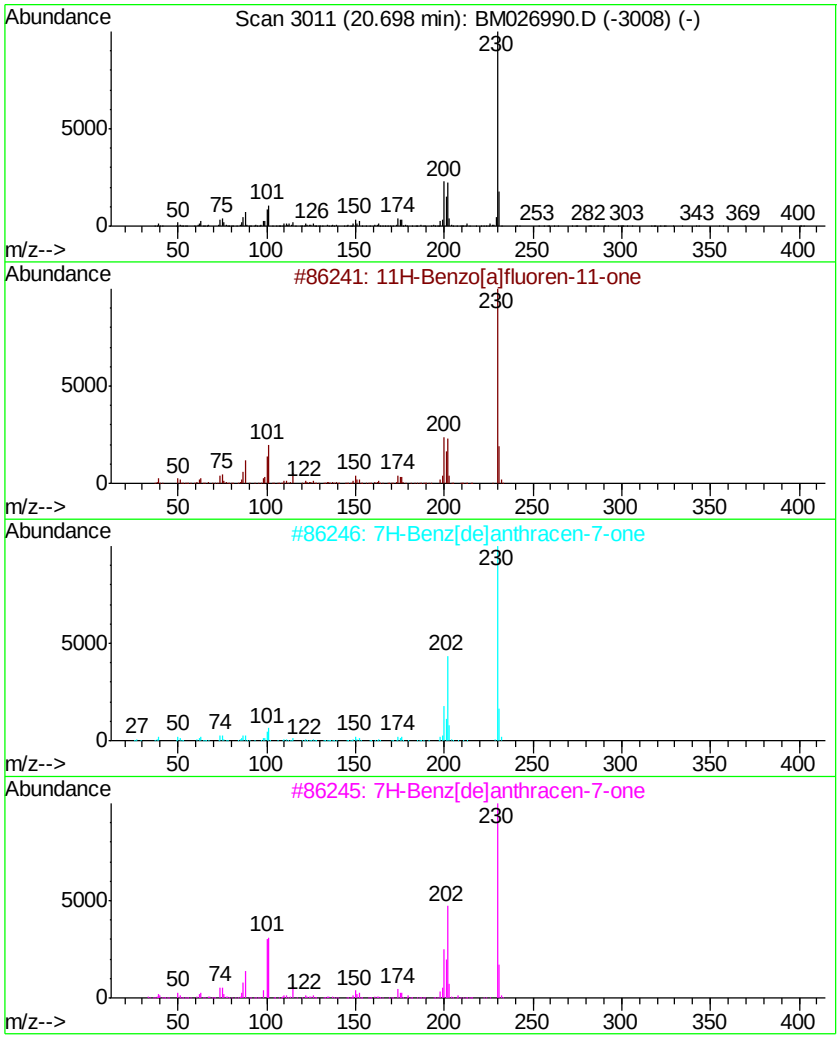
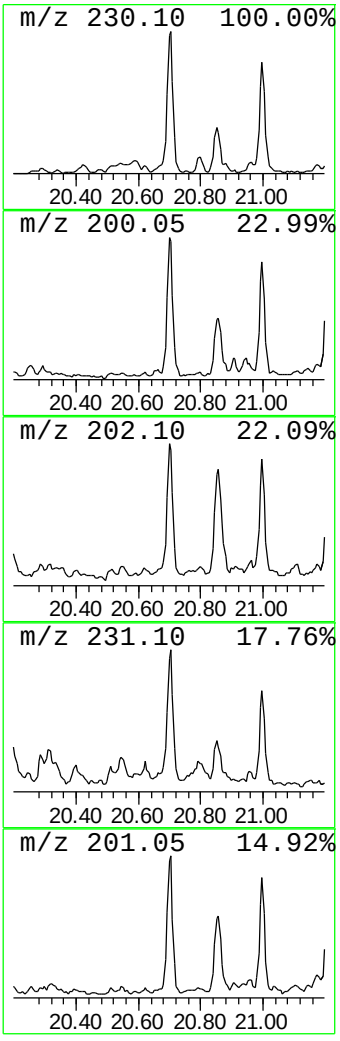
Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	3.02 ng/ul	697396	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Quant Title : SVOA CALIBRATION

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

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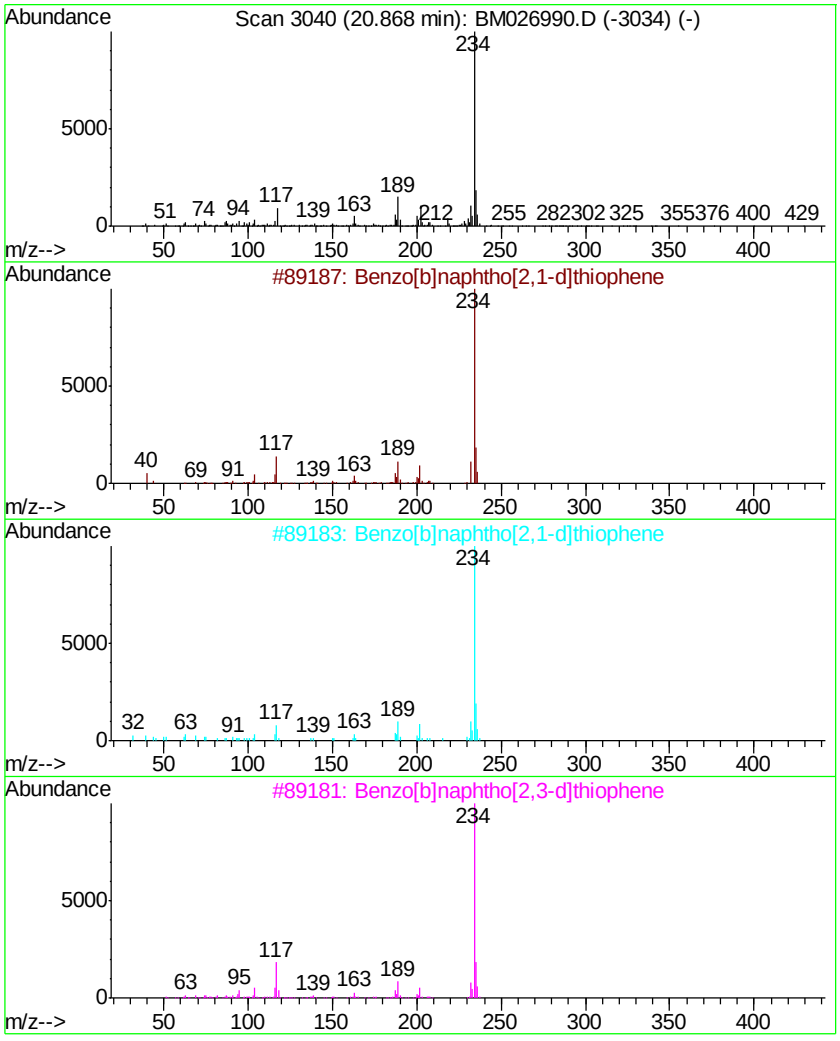
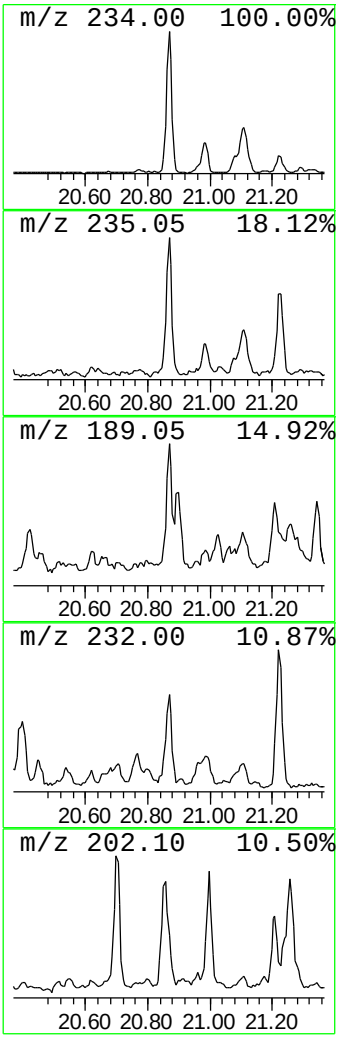
Peak Number 10 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.93 ng/ul	676470	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	93





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Quant Title : SVOA CALIBRATION

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

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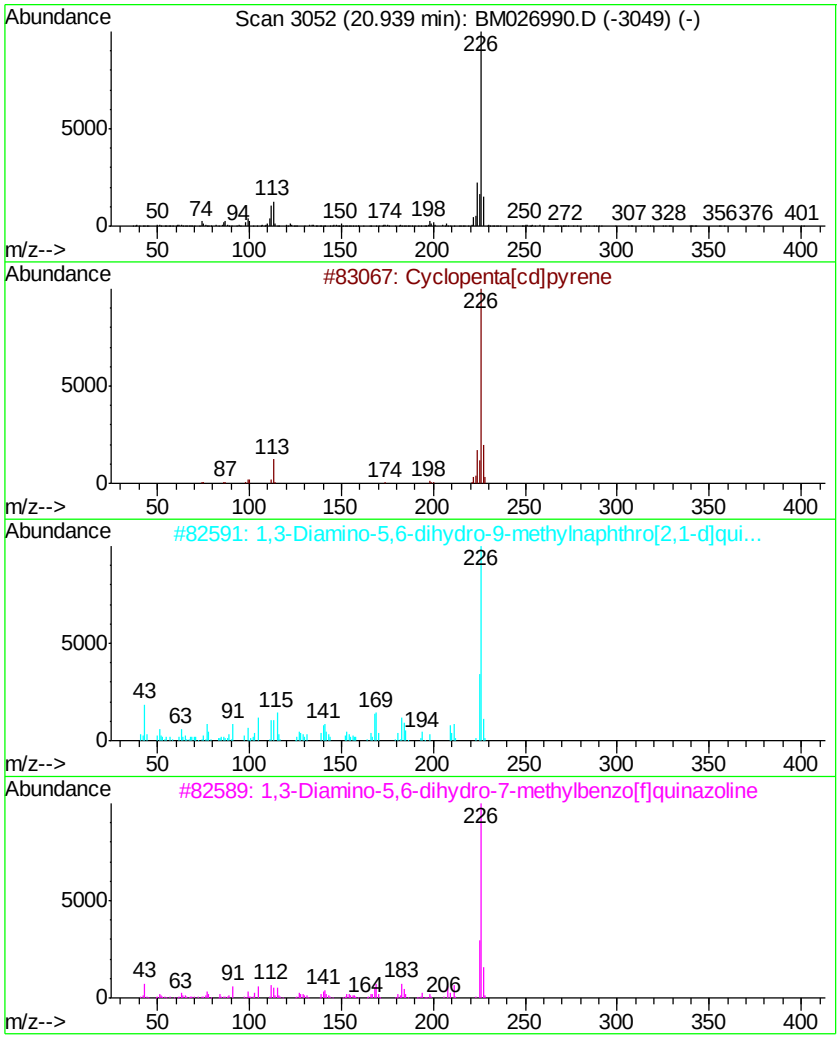
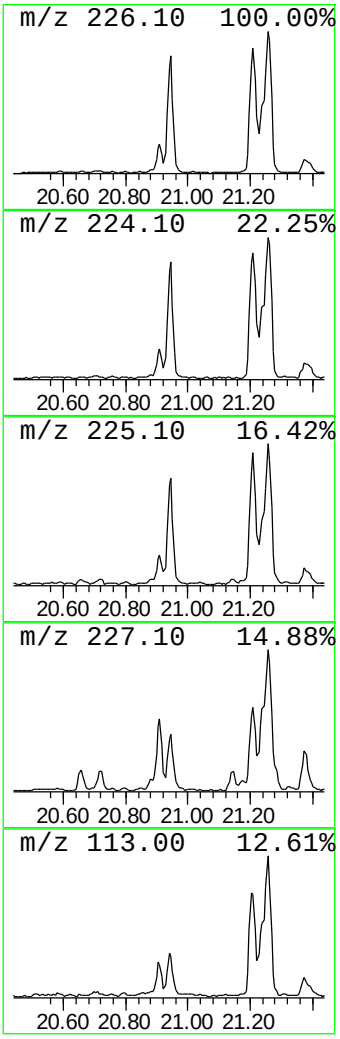
Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.34 ng/ul	769491	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	42
4	2-Furfurylidene-7-hydroxy-1-inda...	226	C14H10O3	1000244-80-4	40
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	40





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Quant Title : SVOA CALIBRATION

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

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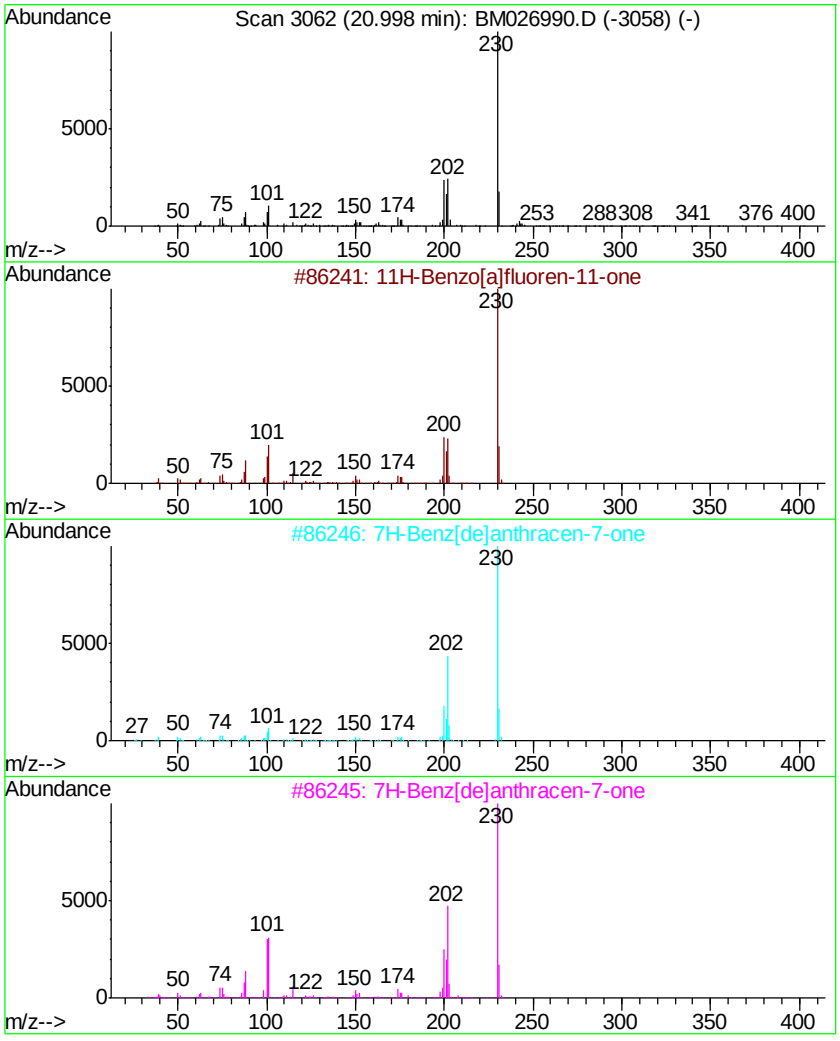
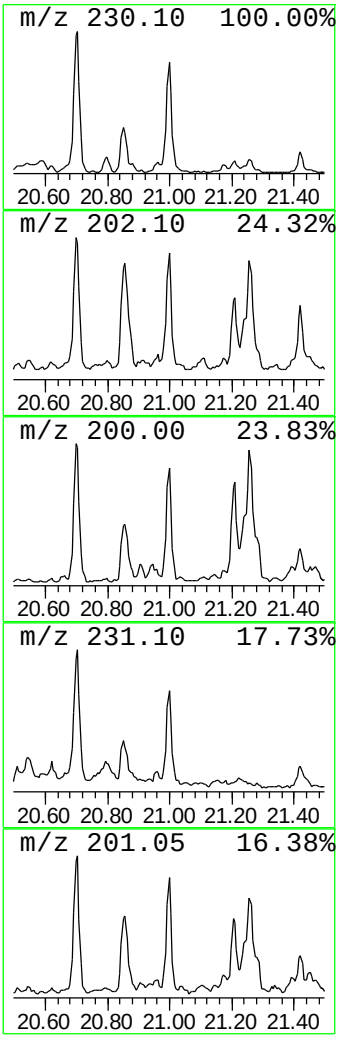
Peak Number 12 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.43 ng/ul	559995	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





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Quant Title : SVOA CALIBRATION

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

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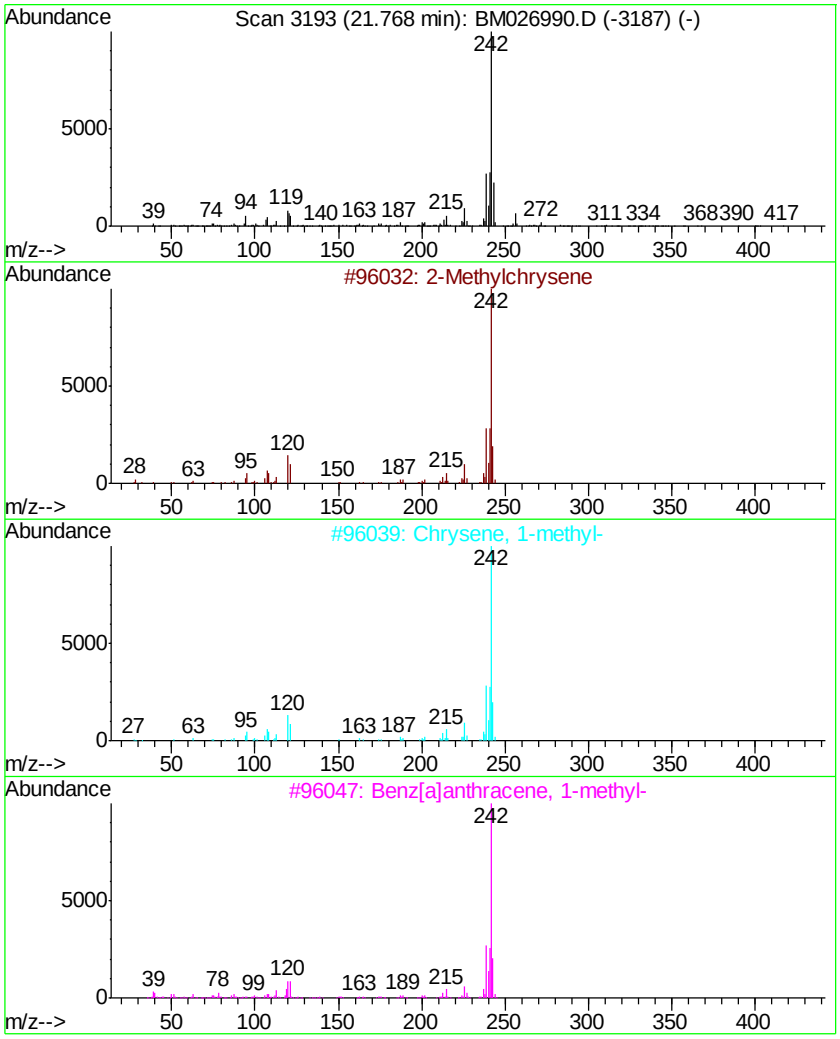
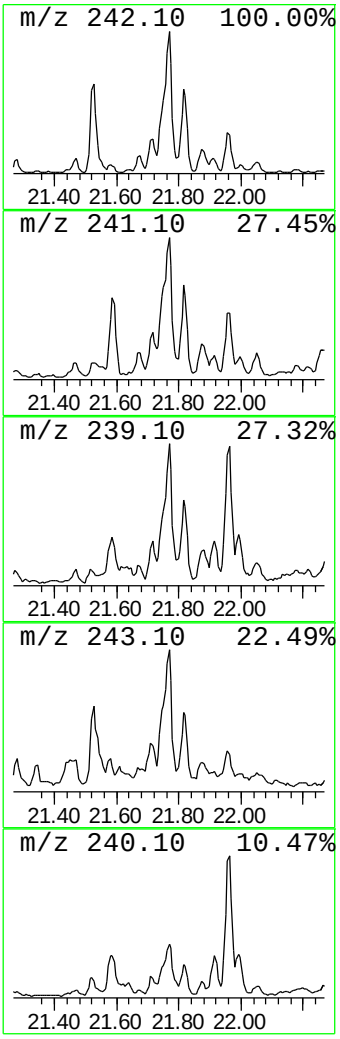
Peak Number 13 2-Methylchrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	2.98 ng/ul	687441	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	95
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	95
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91





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Quant Title : SVOA CALIBRATION

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

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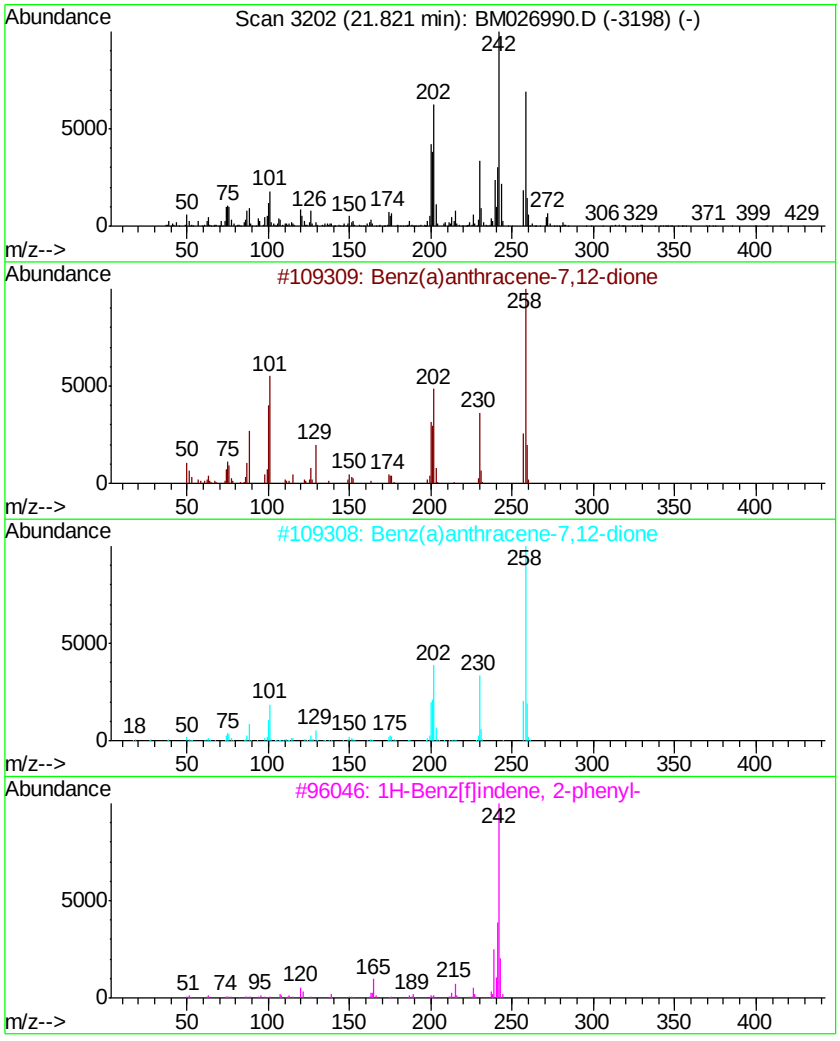
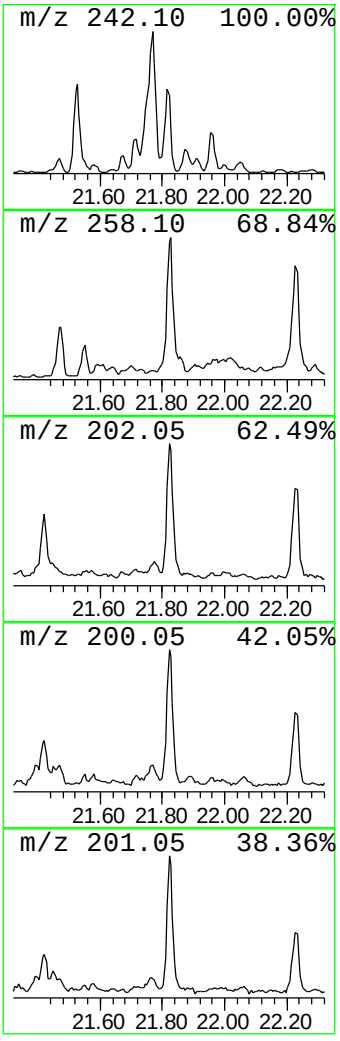
Peak Number 14 Benz(a)anthracene-7,12-dione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	3.16 ng/ul	729083	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	95
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	86
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	83
4	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	70
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	56





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Quant Title : SVOA CALIBRATION

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

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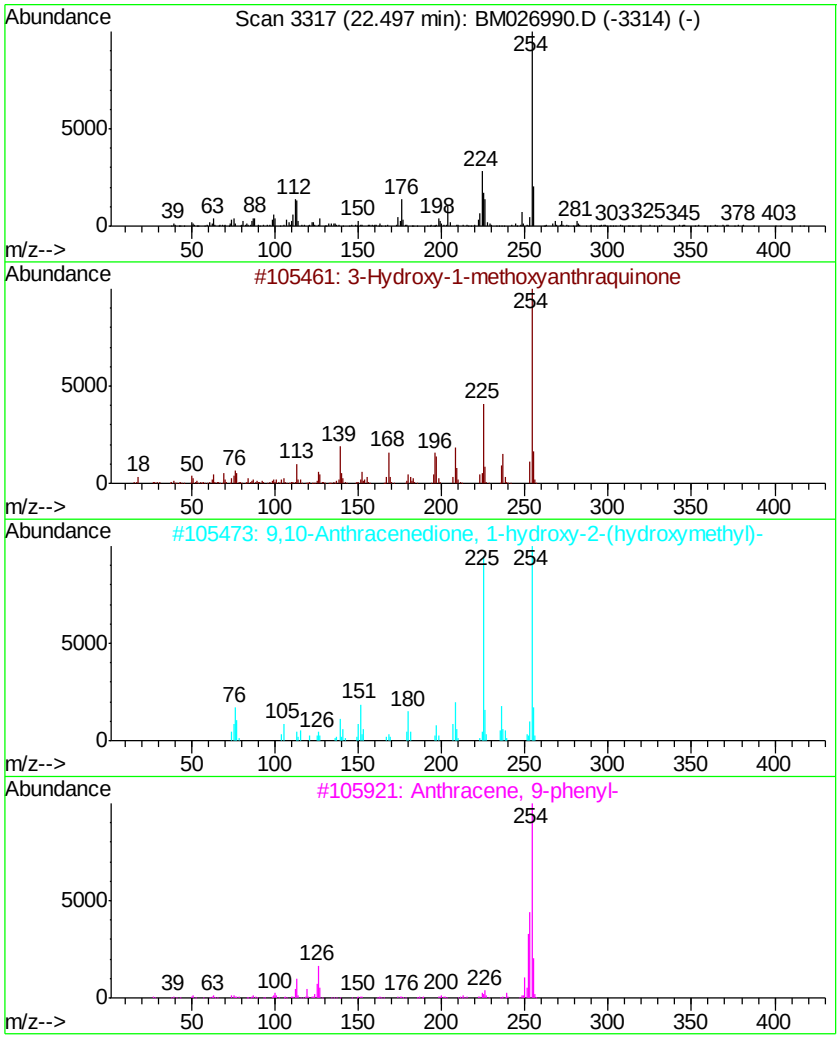
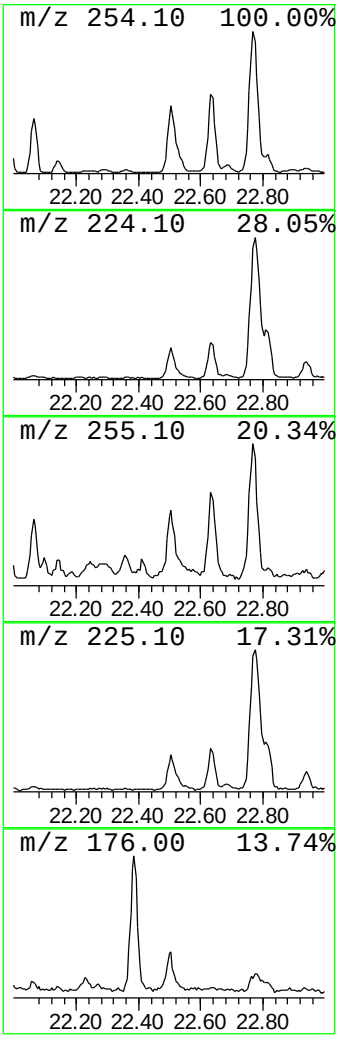
Peak Number 15 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	8.97 ng/ul	717525	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	58
2	9,10-Anthracenedione, 1-hydroxy-...	254	C15H10O4	024094-45-9	50
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50
4	Chrysin	254	C15H10O4	000480-40-0	50
5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50





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Quant Title : SVOA CALIBRATION

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

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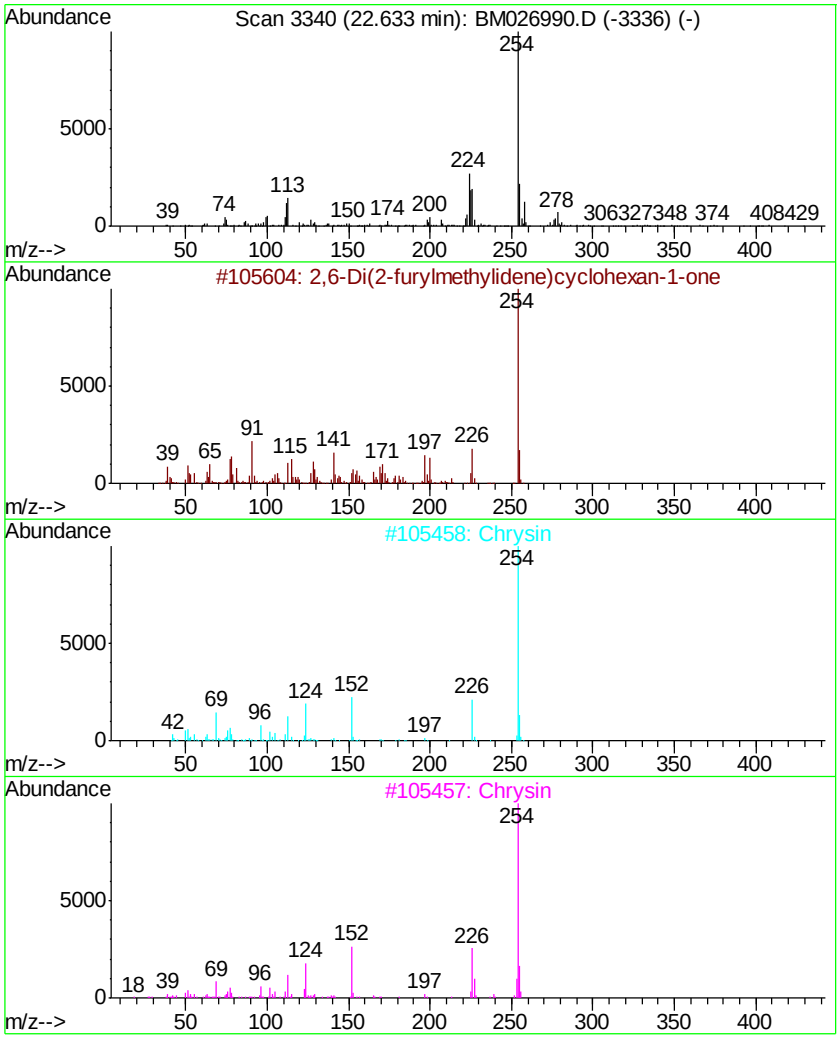
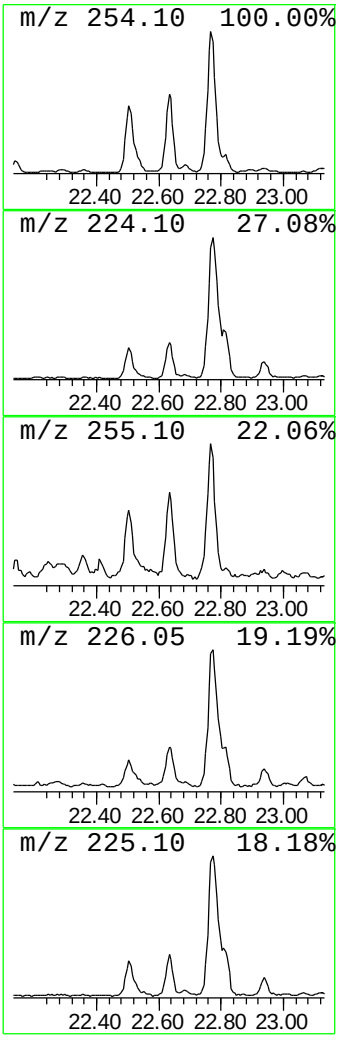
Peak Number 16 2,6-Di(2-furylmethylidene)c... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	5.41 ng/ul	432417	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	53
2	Chrysin	254	C15H10O4	000480-40-0	49
3	Chrysin	254	C15H10O4	000480-40-0	47
4	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	47
5	Chrysin	254	C15H10O4	000480-40-0	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026990.D
Acq On : 03 Aug 2020 22:16
Operator : JU/CG
Sample : L3424-18DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

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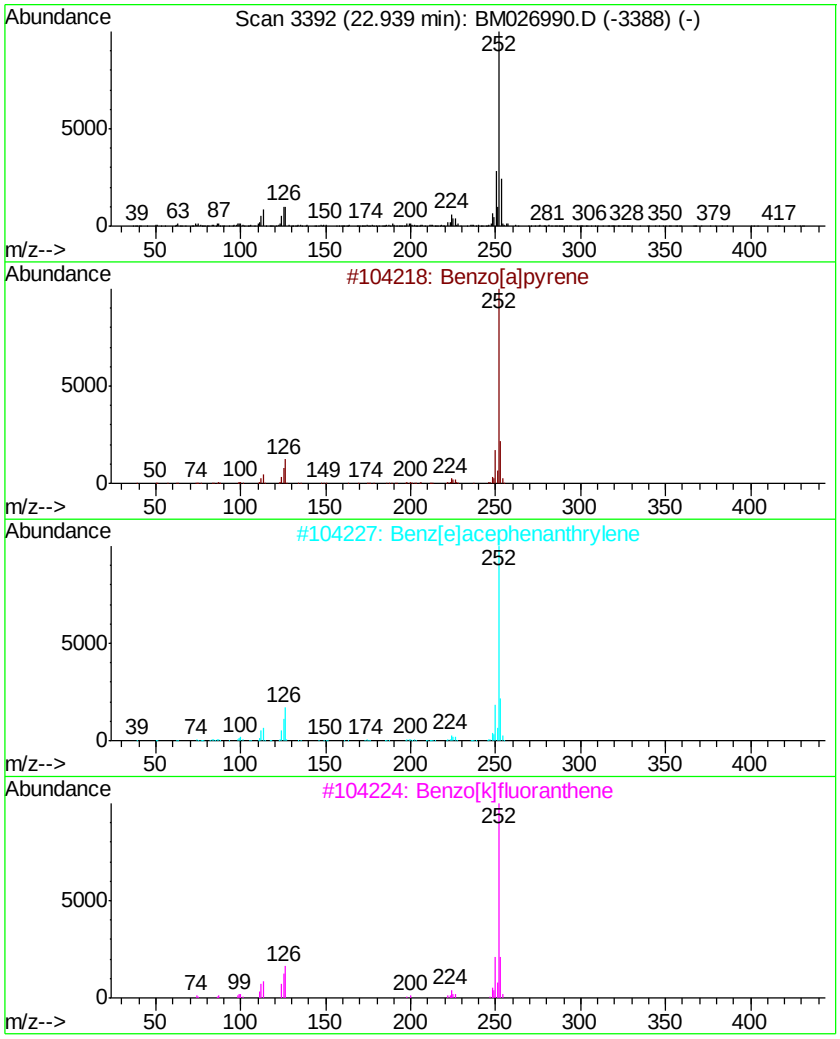
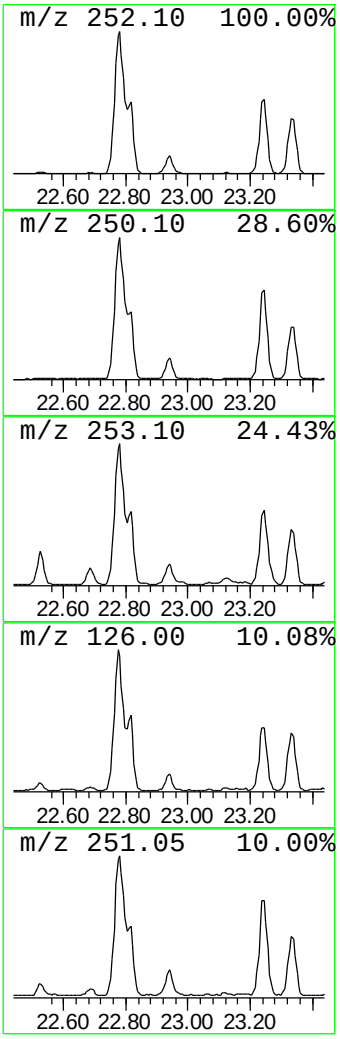
Peak Number 17 Benzo[a]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	7.32 ng/ul	585953	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026990.D
Acq On : 03 Aug 2020 22:16
Operator : JU/CG
Sample : L3424-18DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

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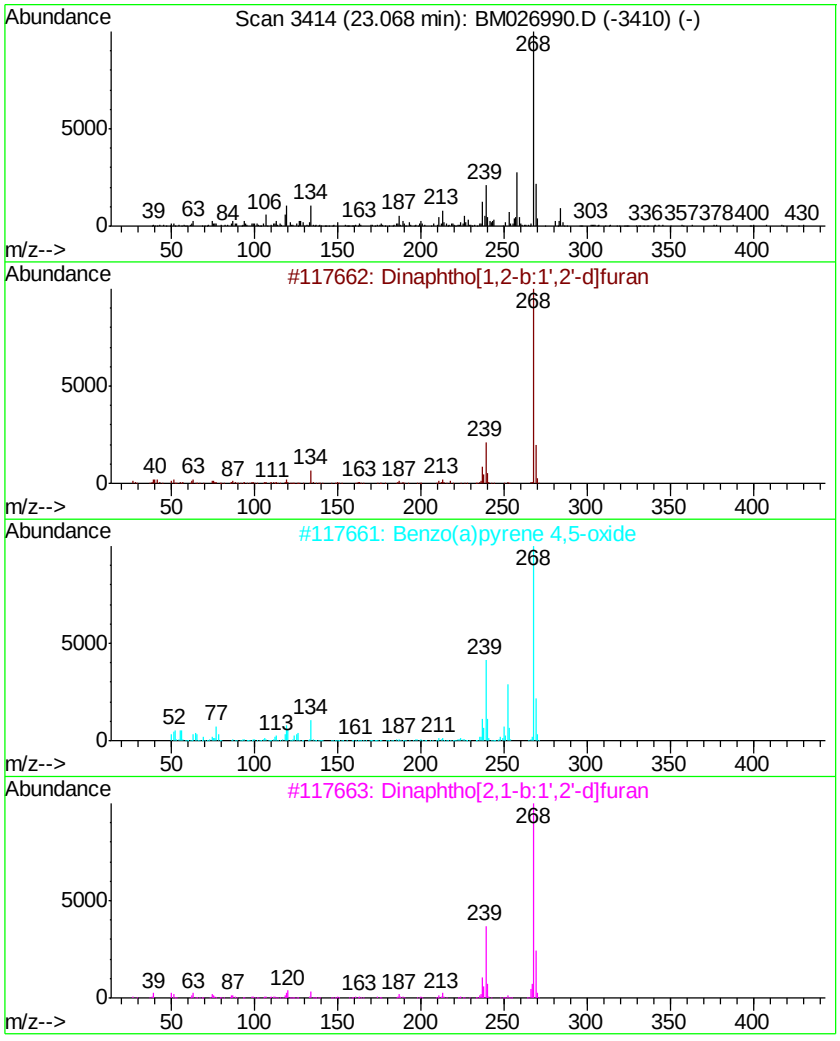
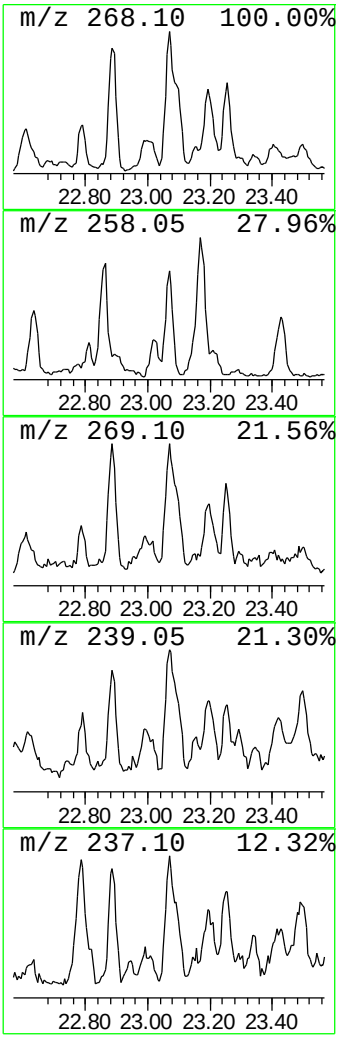
Peak Number 18 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	4.51 ng/ul	361126	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	76
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
4	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
5	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026990.D
Acq On : 03 Aug 2020 22:16
Operator : JU/CG
Sample : L3424-18DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

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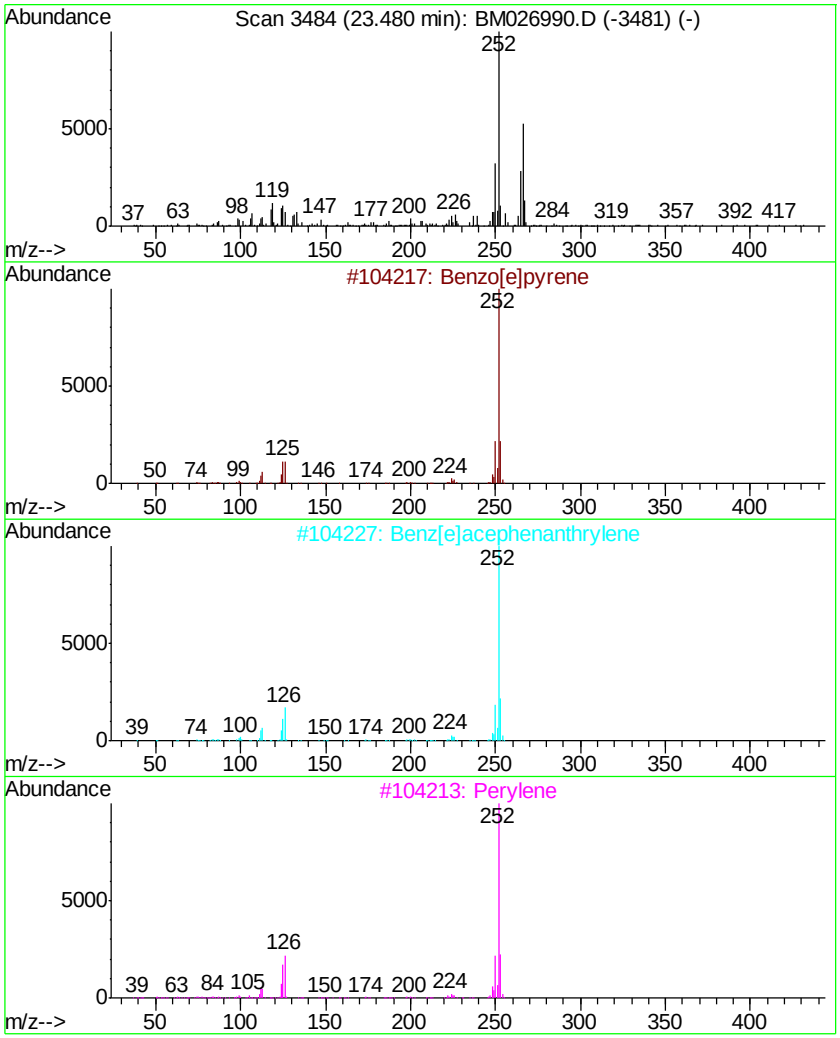
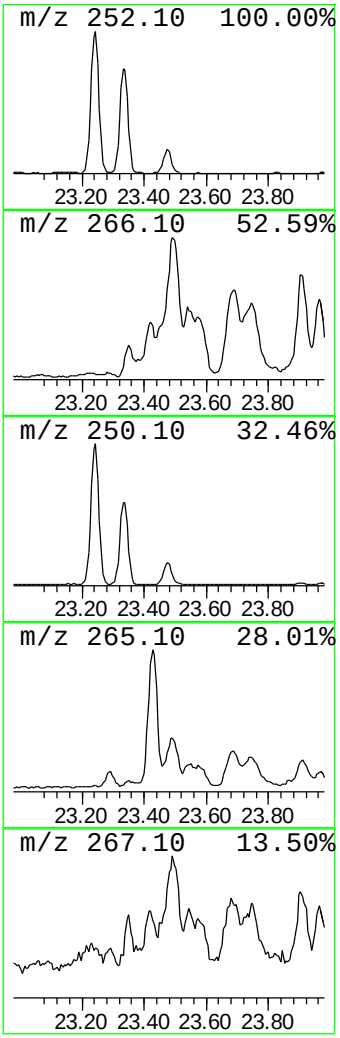
Peak Number 19 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.48	8.21 ng/ul	656921	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	46
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	41
3	Perylene	252	C20H12	000198-55-0	38
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	38
5	Benzo[e]pyrene	252	C20H12	000192-97-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080320\
Data File : BM026990.D
Acq On : 03 Aug 2020 22:16
Operator : JU/CG
Sample : L3424-18DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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
1H-Cyclopropa[l]p...	17.95	2.6	ng/ul	194413	4	17.03	1484910	20.0
4H-Cyclopenta[def...	18.10	3.6	ng/ul	269287	4	17.03	1484910	20.0
9,10-Anthracenedione	18.44	3.6	ng/ul	264087	4	17.03	1484910	20.0
9,10-Dimethylanth...	18.83	3.1	ng/ul	230380	4	17.03	1484910	20.0
Cyclopenta(def)ph...	18.97	4.7	ng/ul	350238	4	17.03	1484910	20.0
Pyrene, 1-methyl-	19.80	2.6	ng/ul	605111	5	21.22	4612160	20.0
Fluoranthene, 2-m...	19.92	2.6	ng/ul	605781	5	21.22	4612160	20.0
Pyrene, 2-methyl-	20.11	2.9	ng/ul	663675	5	21.22	4612160	20.0
11H-Benzo[a]fluor...	20.70	3.0	ng/ul	697396	5	21.22	4612160	20.0
Benzo[b]naphtho[2...	20.87	2.9	ng/ul	676470	5	21.22	4612160	20.0
Cyclopenta[cd]pyrene	20.94	3.3	ng/ul	769491	5	21.22	4612160	20.0
7H-Benz[de]anthra...	21.00	2.4	ng/ul	559995	5	21.22	4612160	20.0
2-Methylchrysene	21.77	3.0	ng/ul	687441	5	21.22	4612160	20.0
Benz(a)anthracene...	21.82	3.2	ng/ul	729083	5	21.22	4612160	20.0
3-Hydroxy-1-metho...	22.50	9.0	ng/ul	717525	6	23.43	1599900	20.0
2,6-Di(2-furylmet...	22.63	5.4	ng/ul	432417	6	23.43	1599900	20.0
Benzo[a]pyrene	22.94	7.3	ng/ul	585953	6	23.43	1599900	20.0
Dinaphtho[1,2-b:1...	23.07	4.5	ng/ul	361126	6	23.43	1599900	20.0
unknown-01	23.48	8.2	ng/ul	656921	6	23.43	1599900	20.0