LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S92DL

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	3.934	159	161	169	rVB4	5687	8418	0.23%	0.033%
2	6.840	647	655	664	rVB	18072	31638	0.87%	0.122%
3	6.998	678	682	691	rVB2	11335	18536	0.51%	0.072%
4	7.198	711	716	721	rVB2	17415	25209	0.69%	0.097%
5	7.663	788	795	804	rBV	259888	406186	11.16%	1.570%
6	8.198	879	886	895	rBV	20174	40494	1.11%	0.157%
7	8.363	908	914	920	rVB3	16972	27614	0.76%	0.107%
8	8.798	983	988	994	rBV	14975	24943	0.69%	0.096%
9	9.522	1104	1111	1117	rVB4	10973	18196	0.50%	0.070%
10	10.057	1196	1202	1210	rBV3	19072	29623	0.81%	0.114%
11	10.434	1259	1266	1271	rBV	345093	559134	15.36%	2.161%
12	10.481	1271	1274	1283	rVB	35060	54952	1.51%	0.212%
13	10.563	1283	1288	1297	rBV7	4962	11837	0.33%	0.046%
14	12.098	1542	1549	1555	rBV	21958	34488	0.95%	0.133%
15	12.322	1582	1587	1592	rBV	10321	15347	0.42%	0.059%
16	13.127	1719	1724	1726	rBV2	6560	9937	0.27%	0.038%
17	13.616	1801	1807	1812	rVB3	7241	12245	0.34%	0.047%
18	13.669	1812	1816	1818	rVV	5368	6788	0.19%	0.026%
19	13.704	1818	1822	1826	rVV2	32220	44874	1.23%	0.173%
20	13.751	1826	1830	1835	rVV	13079	19410	0.53%	0.075%
21	14.010	1870	1874	1886	rVB	137931	217871	5.99%	0.842%
22	14.292	1914	1922	1928	rBV	479447	709976	19.51%	2.744%
23	14.357	1929	1933	1937	rVB2	14779	22035	0.61%	0.085%
24	14.486	1950	1955	1960	rBV4	8153	13851	0.38%	0.054%
25	14.580	1965	1971	1975	rBV6	3864	7408	0.20%	0.029%
26	14.692	1984	1990	1995	rBV	61073	89093	2.45%	0.344%
27	15.169	2066	2071	2078	rVB4	8551	14299	0.39%	0.055%
28	15.286	2085	2091	2096	rBV	49227	69980	1.92%	0.270%
29	15.339	2096	2100	2107	rVV4	16025	27389	0.75%	0.106%
30	15.404	2107	2111	2117	rVB5	7415	9890	0.27%	0.038%
31	15.551	2129	2136	2140	rVV6	5730	15058	0.41%	0.058%
32	15.639	2146	2151	2155	rVV3	11610	19072	0.52%	0.074%
33	15.680	2155	2158	2161	rVB3	6581	8108	0.22%	0.031%
34	15.780	2171	2175	2184	rVB2	13168	28631	0.79%	0.111%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S92DL

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	16.010	2208	2214	2218	rBV3	24970	40849	1.12%	0.158%
36	16.063	2221	2223	2230	rVB3	10899	15218	0.42%	0.059%
37	16.574	2307	2310	2312	rVV2	6834	7735	0.21%	0.030%
38	16.615	2312	2317	2322	rVV2	18993	35686	0.98%	0.138%
39	16.686	2324	2329	2337	rVB	47511	74495	2.05%	0.288%
40	16.768	2340	2343	2348	rBV6	6423	12229	0.34%	0.047%
41	16.833	2348	2354	2355	rBV6	8335	12134	0.33%	0.047%
42	16.851	2355	2357	2360	rVV2	11068	11800	0.32%	0.046%
43	17.033	2382	2388	2392	rBV	591945	819810	22.53%	3.168%
44	17.074	2392	2395	2400	rVV	161410	217097	5.97%	0.839%
45	17.133	2400	2405	2406	rVV	57404	75528	2.08%	0.292%
46	17.163	2406	2410	2417	rVV	306631	481887	13.24%	1.862%
47	17.221	2417	2420	2432	rVB5	20643	44718	1.23%	0.173%
48	17.433	2448	2456	2462	rBV	48535	95003	2.61%	0.367%
49	17.480	2462	2464	2469	rBV6	9907	13153	0.36%	0.051%
50	17.562	2474	2478	2482	rVV4	19917	31696	0.87%	0.123%
51	17.615	2485	2487	2490	rVB4	9569	9396	0.26%	0.036%
52	17.692	2496	2500	2503	rBV5	12657	15114	0.42%	0.058%
53	17.833	2518	2524	2527	rBV8	5968	12239	0.34%	0.047%
54	17.904	2534	2536	2540	rVB2	10057	11134	0.31%	0.043%
55	17.951	2540	2544	2551	rVB3	41366	66225	1.82%	0.256%
56	18.039	2554	2559	2563	rBV	41040	59888	1.65%	0.231%
57	18.104	2563	2570	2574	rBV3	46209	94206	2.59%	0.364%
58	18.139	2574	2576	2581	rVB3	22645	24343	0.67%	0.094%
59	18.227	2589	2591	2594	rBV4	8178	10076	0.28%	0.039%
60	18.257	2594	2596	2599	rVV4	7424	9238	0.25%	0.036%
61	18.292	2599	2602	2609	rVB	73307	101865	2.80%	0.394%
62	18.386	2613	2618	2619	rBV4	16731	24848	0.68%	0.096%
63	18.445	2625	2628	2634	rVB2	69162	86312	2.37%	0.334%
64	18.751	2676	2680	2685	rVB3	18997	25877	0.71%	0.100%
65	18.833	2685	2694	2700	rBV4	50027	111466	3.06%	0.431%
66	18.909	2700	2707	2712	rBV7	46514	104879	2.88%	0.405%
67	18.968	2712	2717	2725	rVB	154212	224652	6.17%	0.868%
68	19.045	2728	2730	2733	rVV4	20910	26746	0.73%	0.103%
69	19.092	2733	2738	2744	rVB	1048035	1372593	37.71%	5.305%
70	19.239	2759	2763	2768	rBV2	75776	109827	3.02%	0.424%
71	19.456	2790	2800	2808	rBV	1433756	2187177	60.10%	8.453%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S92DL

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	19.539	2808	2814	2819	rVB5	35812	78605	2.16%	0.304%
73	19.639	2827	2831	2836	rBV	62610	93249	2.56%	0.360%
74	19.698	2836	2841	2848	rVB2	119144	188339	5.18%	0.728%
75	19.798	2851	2858	2862	rBV2	115224	245591	6.75%	0.949%
76	19.921	2874	2879	2881	rBV3	140286	221519	6.09%	0.856%
77	20.051	2898	2901	2905	rBV2	44562	57015	1.57%	0.220%
78	20.109	2906	2911	2915	rBV2	161469	248574	6.83%	0.961%
79	20.251	2931	2935	2939	rBV	124413	173134	4.76%	0.669%
80	20.298	2939	2943	2948	rVV4	77732	126554	3.48%	0.489%
81	20.515	2976	2980	2983	rBV3	57022	102137	2.81%	0.395%
82	20.656	3001	3004	3007	rBV2	31350	49862	1.37%	0.193%
83	20.698	3008	3011	3018	rVB2	204338	301414	8.28%	1.165%
84	20.868	3033	3040	3043	rBV2	157329	332893	9.15%	1.287%
85	20.903	3043	3046	3049	rVV2	155359	211894	5.82%	0.819%
86	20.945	3049	3053	3058	rVV2	284927	465814	12.80%	1.800%
87	20.998	3058	3062	3071	rVB2	125735	207063	5.69%	0.800%
88	21.209	3089	3098	3103	rBV2	1033605	2414744	66.35%	9.333%
89	21.256	3103	3106	3113	rVB	1005002	1396092	38.36%	5.396%
90	21.392	3126	3129	3133	rBV2	109192	138964	3.82%	0.537%
91	21.527	3148	3152	3156	rBV2	145695	220526	6.06%	0.852%
92	21.821	3198	3202	3207	rVB2	182193	267308	7.34%	1.033%
93	22.503	3314	3318	3320	rBV	132630	200743	5.52%	0.776%
94	22.633	3336	3340	3345	rVB2	207050	314911	8.65%	1.217%
95	22.774	3357	3364	3369	rBV2	1559645	3639399	100.00%	14.066%
96	22.939	3388	3392	3398	rVB	184293	294348	8.09%	1.138%
97	23.239	3438	3443	3449	rVB	631019	1143364	31.42%	4.419%
98	23.333	3454	3459	3466	rVB	580830	1008129	27.70%	3.896%
99	23.427	3470	3475	3480	rBV2	401786	698262	19.19%	2.699%
100	25.633	3842	3850	3862	rVB2	552356	1703922	46.82%	6.585%

Sum of corrected areas: 25874038

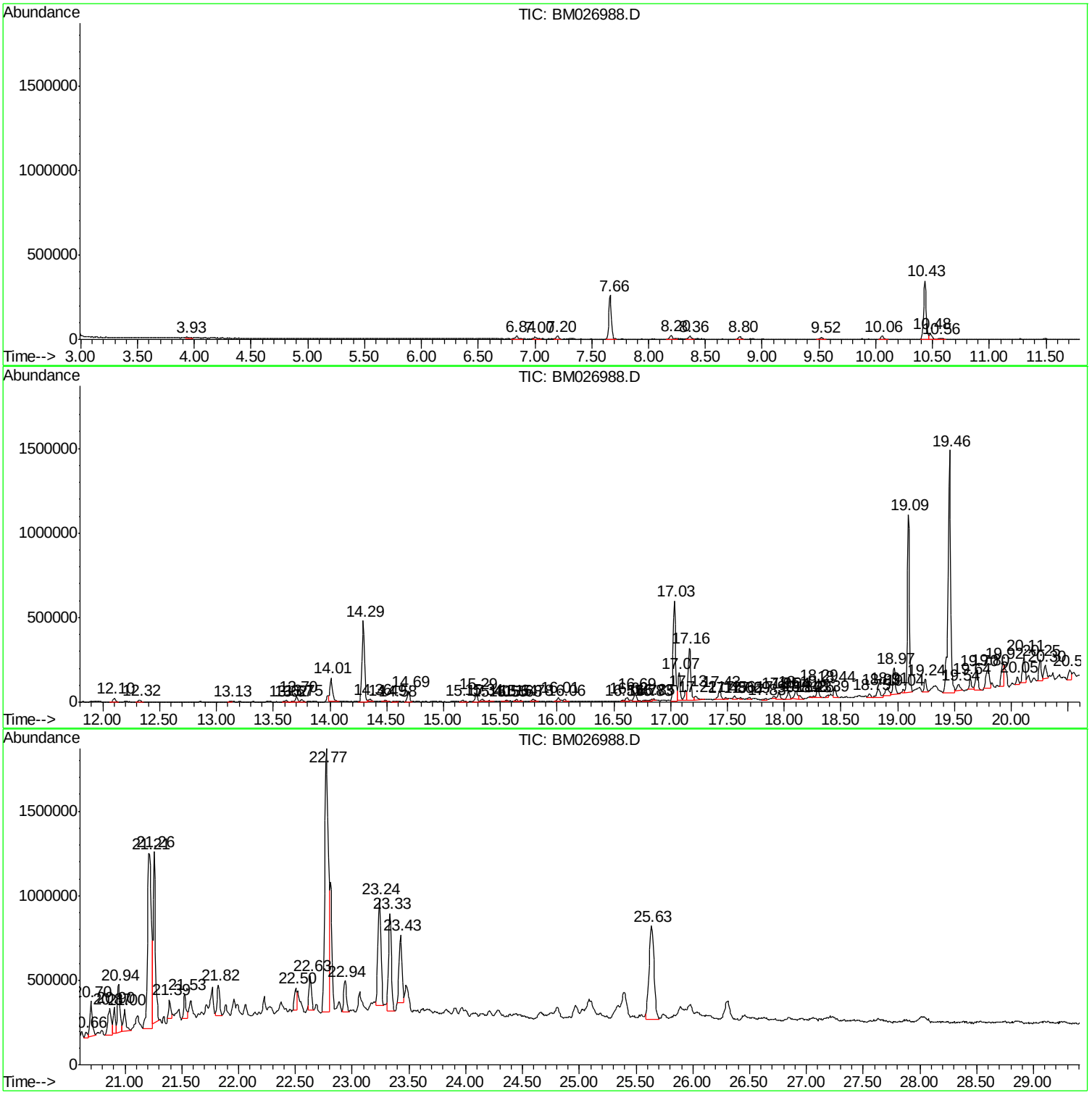
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S92DL

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 : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S92DL

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

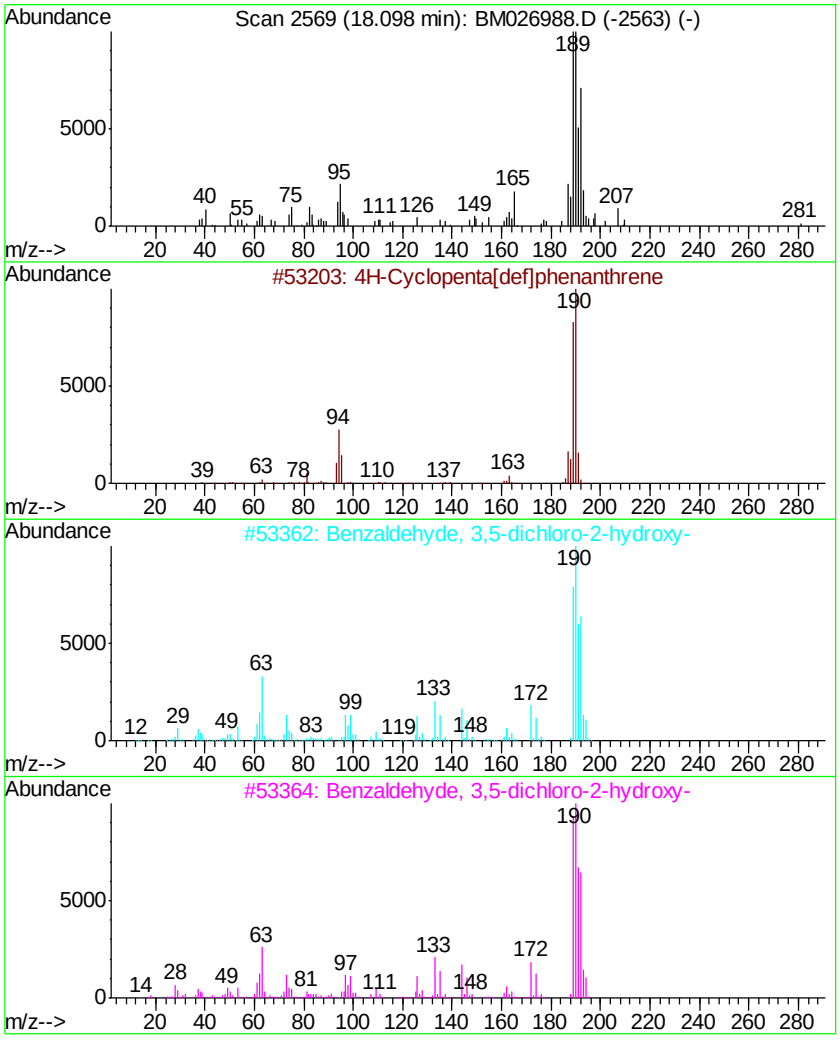
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

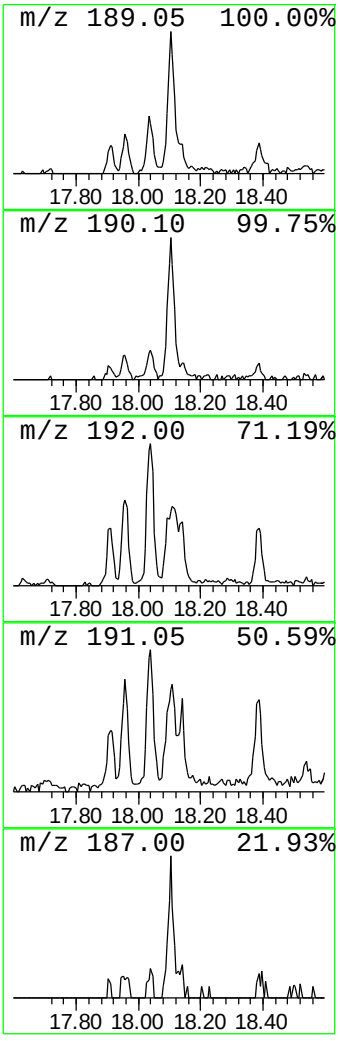
****

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.30 ng/ul	94206	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S92DL

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

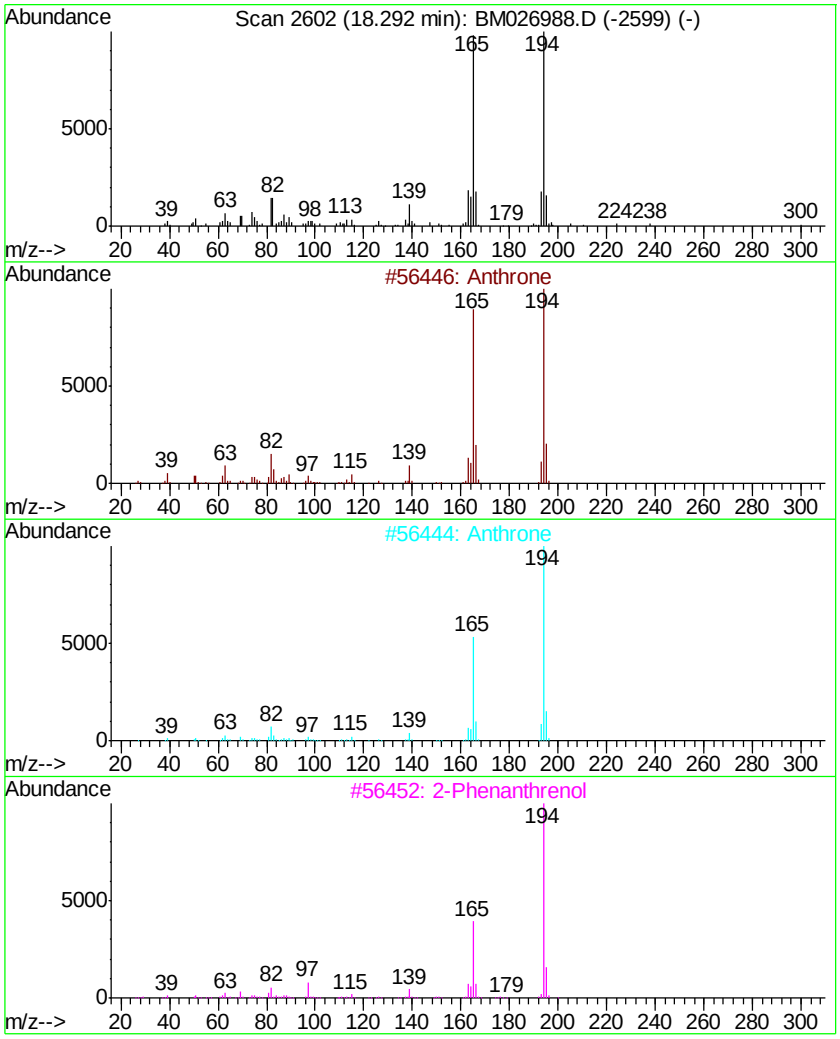
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

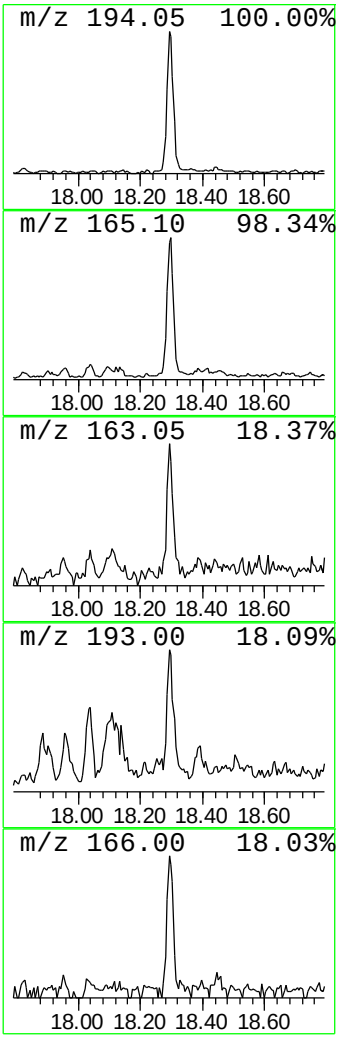
****

Peak Number 2 Anthrone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.49 ng/ul	101865	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	91
2	Anthrone	194	C14H10O	000090-44-8	90
3	2-Phenanthrenol	194	C14H10O	000605-55-0	90
4	3-Phenanthrol	194	C14H10O	000605-87-8	90
5	Anthrone	194	C14H10O	000090-44-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S92DL

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

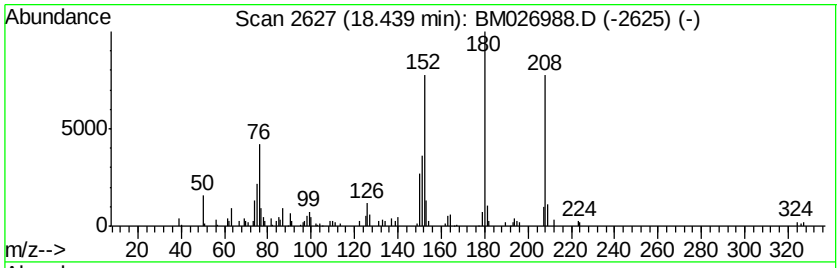
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

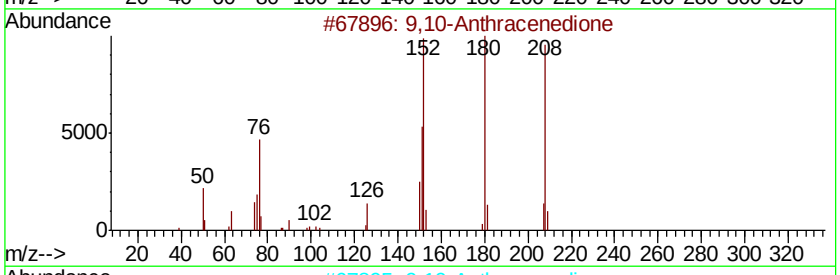
****

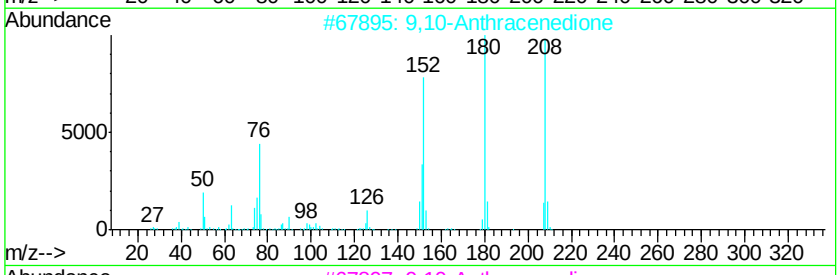
Peak Number 3 9,10-Anthracenedione Concentration Rank 13

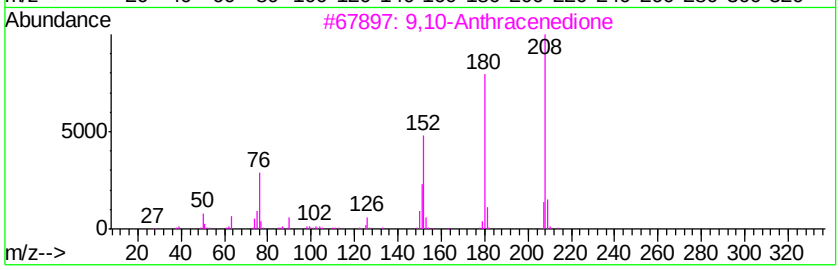
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.11 ng/ul	86312	Phenanthrene-d10	17.03

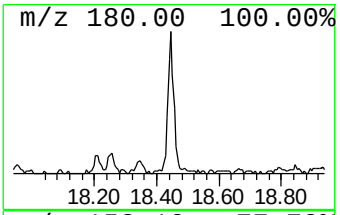
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60

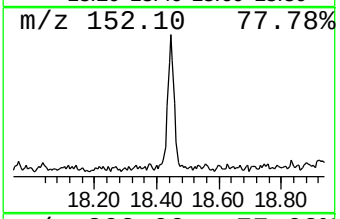


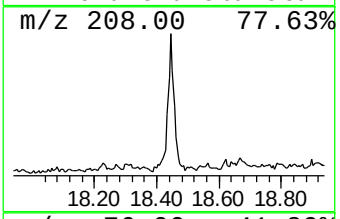


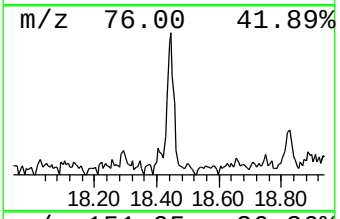


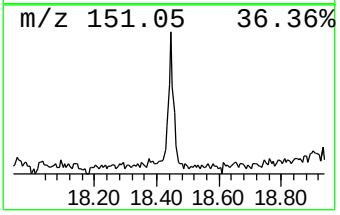












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S92DL

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

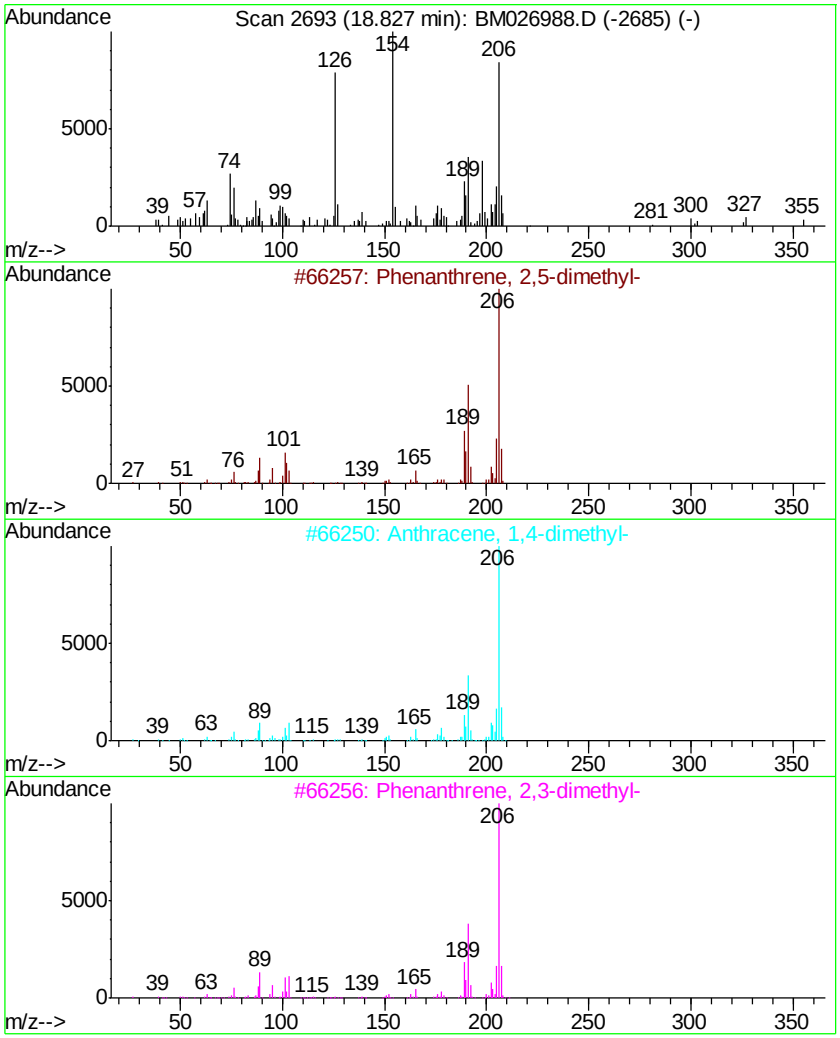
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

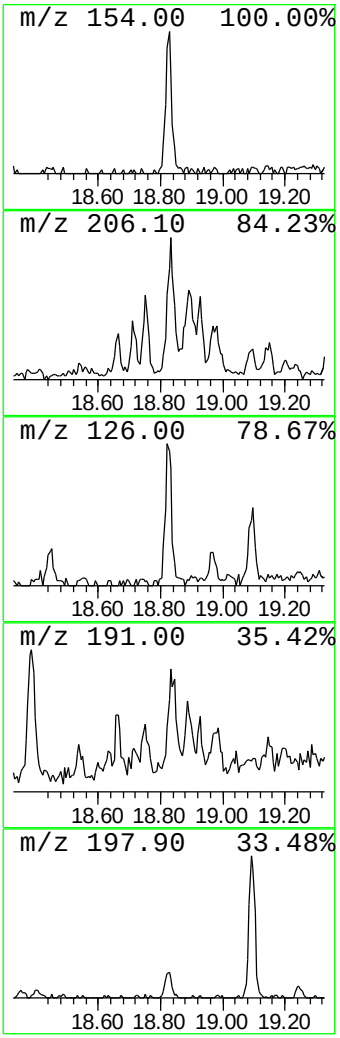
****

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.72 ng/ul	111466	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	70
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	55
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	53





Library Search Compound Report

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Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S92DL

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Quant Title : SVOA CALIBRATION

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

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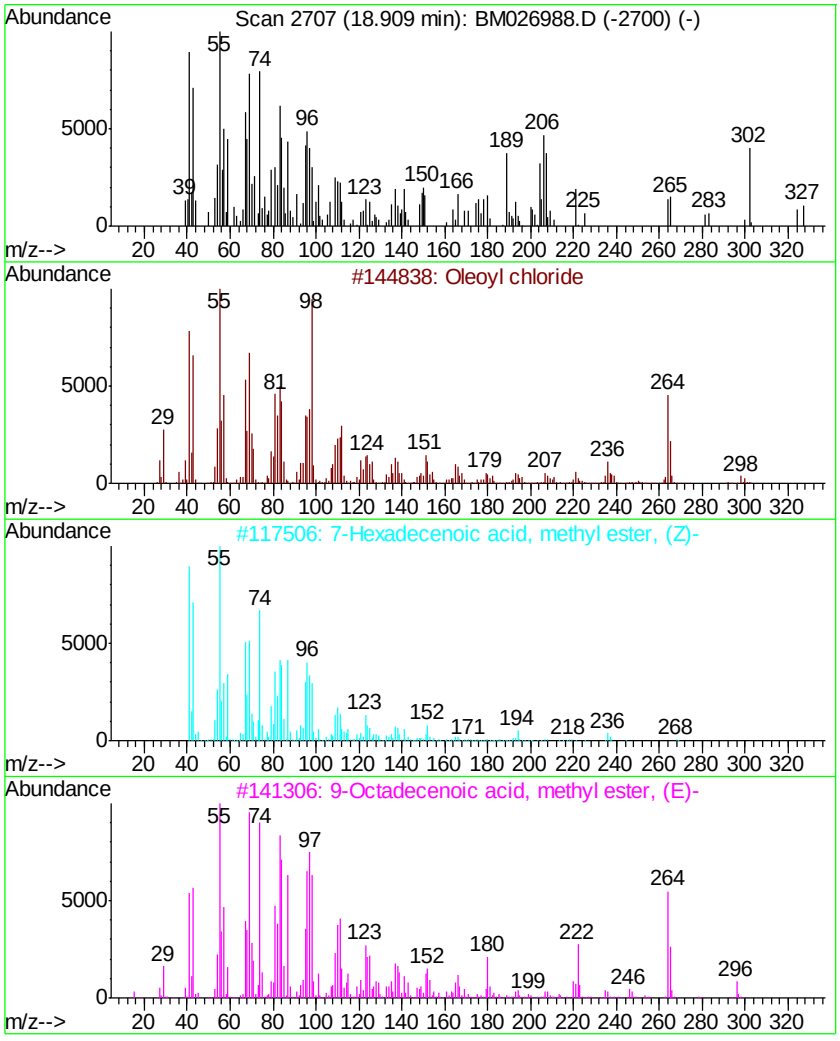
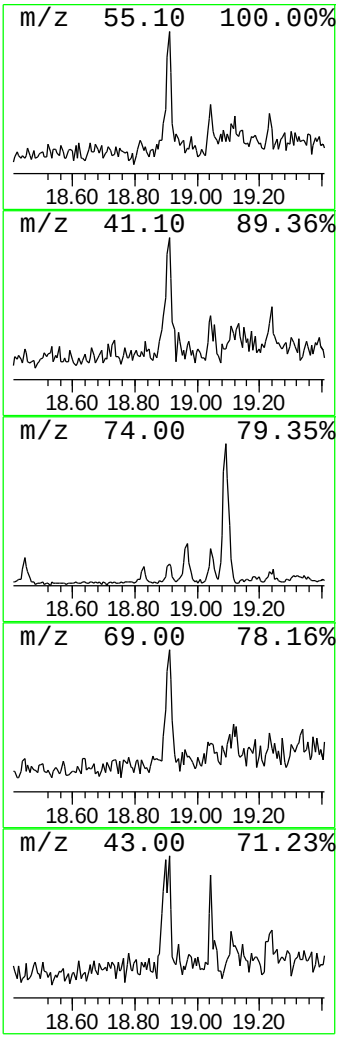
Peak Number 5 Oleoyl chloride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	2.56 ng/ul	104879	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleoyl chloride	300	C18H33ClO	000112-77-6	60
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	55
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	52
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	49
5	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	49





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ClientSampleId : C0S92DL

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Quant Title : SVOA CALIBRATION

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

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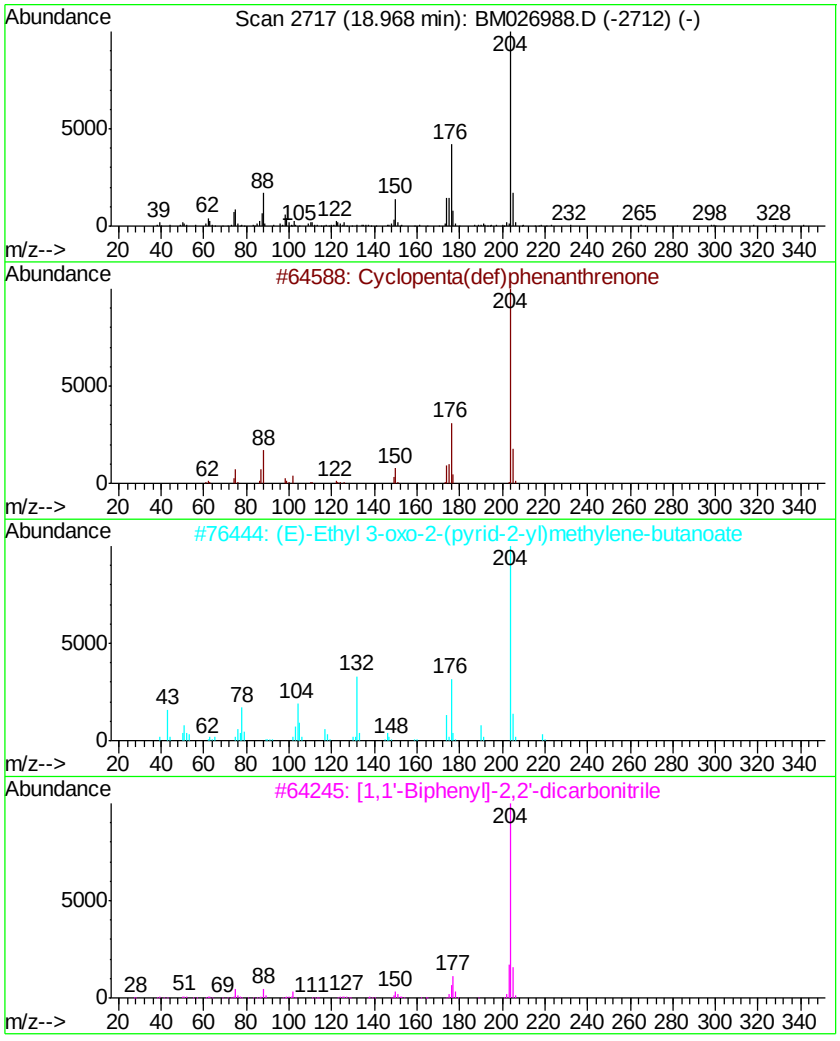
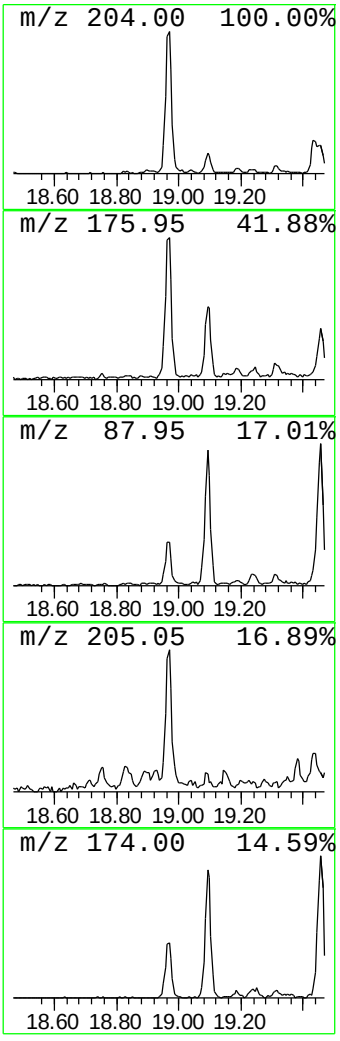
Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	5.48 ng/ul	224652	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	45
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	45





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Instrument : BNA_M
ClientSampleId : C0S92DL

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Quant Title : SVOA CALIBRATION

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

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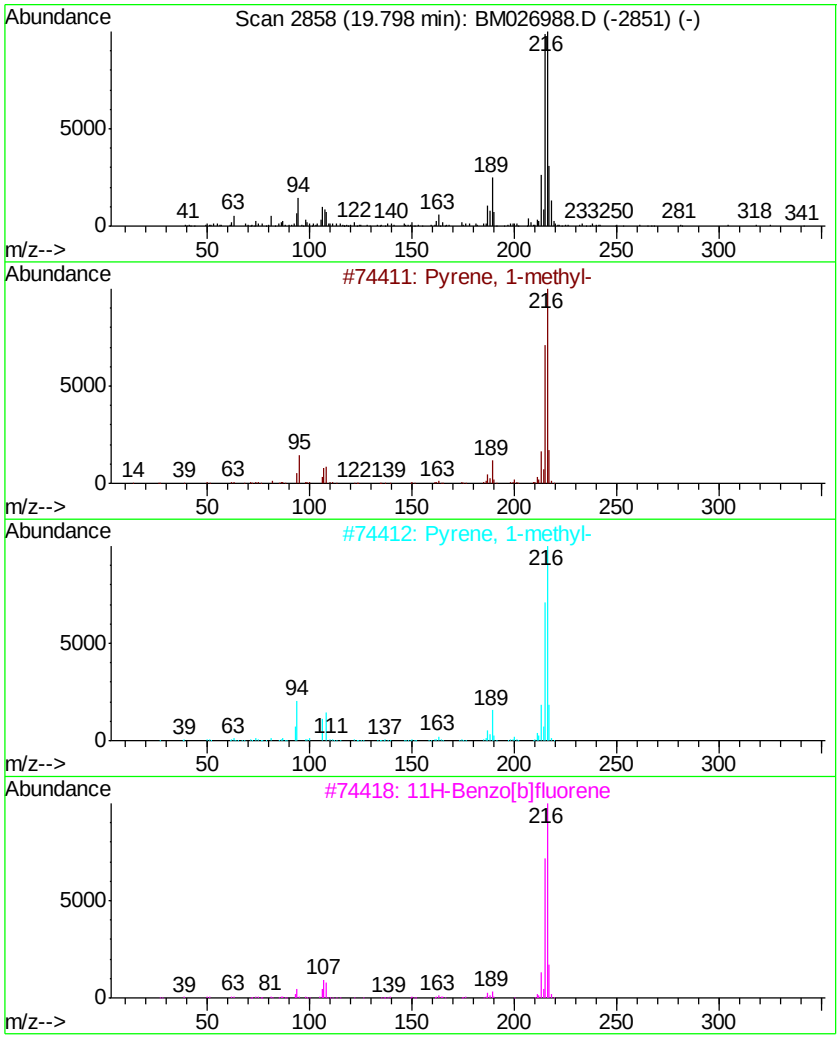
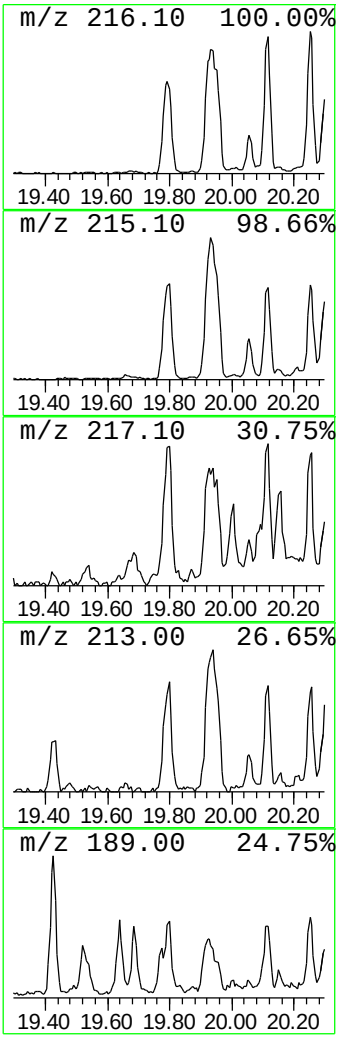
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	2.03 ng/ul	245591	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	59





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Sample : L3424-17DL 25X
Misc :
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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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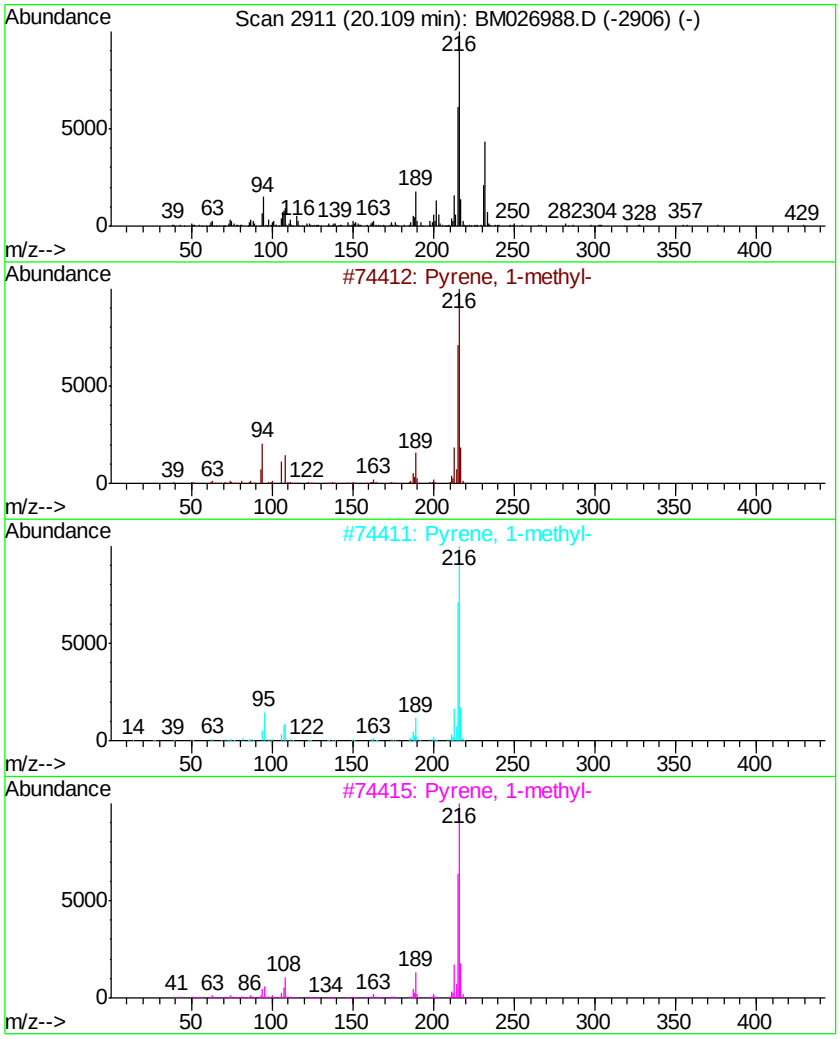
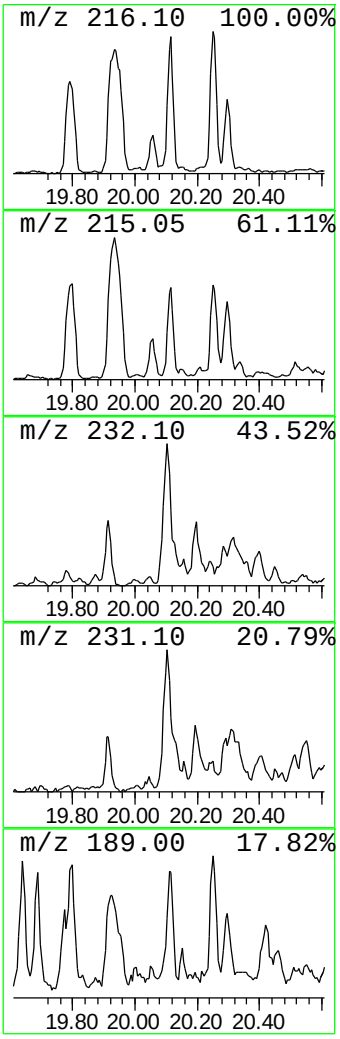
Peak Number 8 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.06 ng/ul	248574	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Misc :
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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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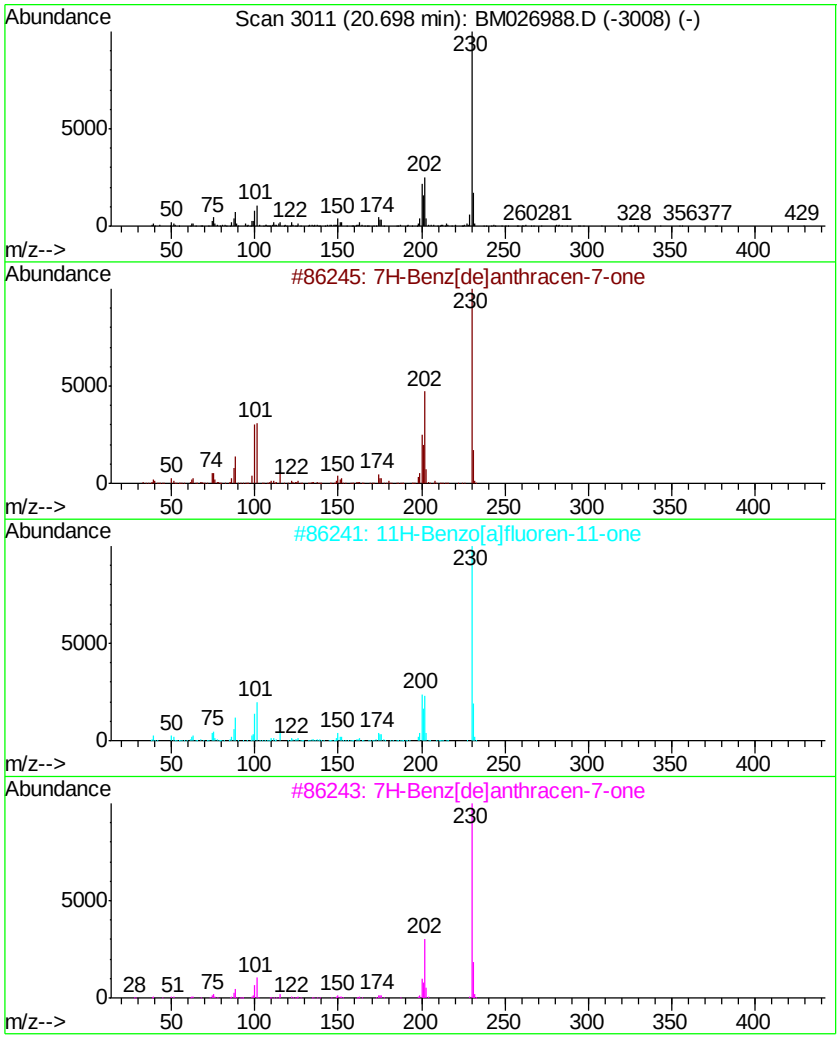
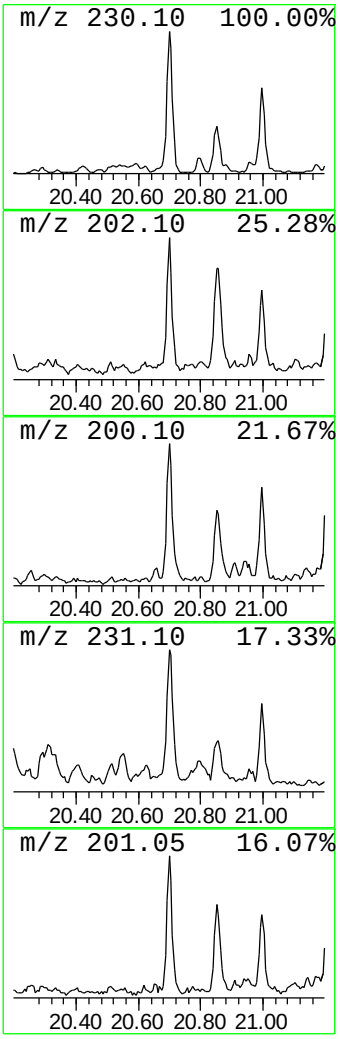
Peak Number 9 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.50 ng/ul	301414	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Instrument : BNA_M
ClientSampleId : C0S92DL

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Quant Title : SVOA CALIBRATION

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

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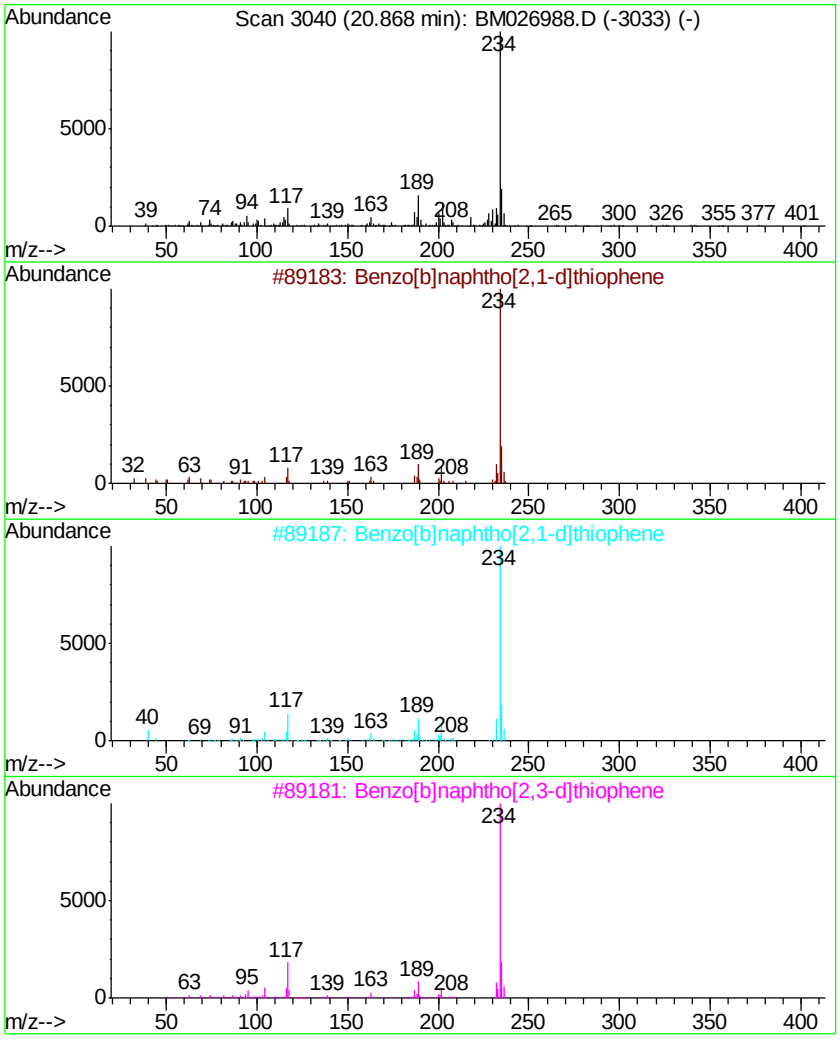
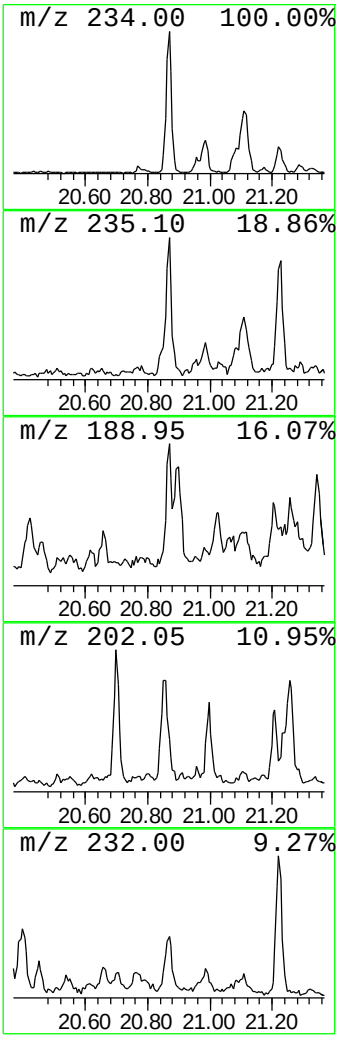
Peak Number 10 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.76 ng/ul	332893	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	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93





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Sample : L3424-17DL 25X
Misc :
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Instrument : BNA_M
ClientSampleId : C0S92DL

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Quant Title : SVOA CALIBRATION

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

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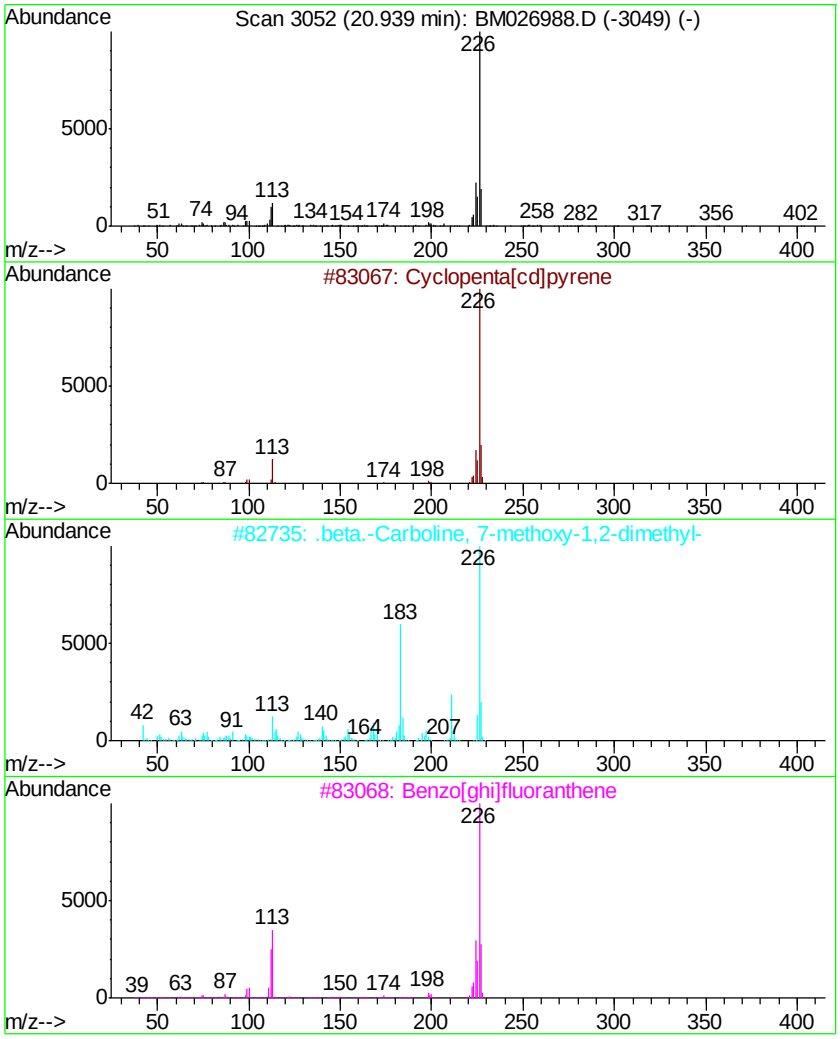
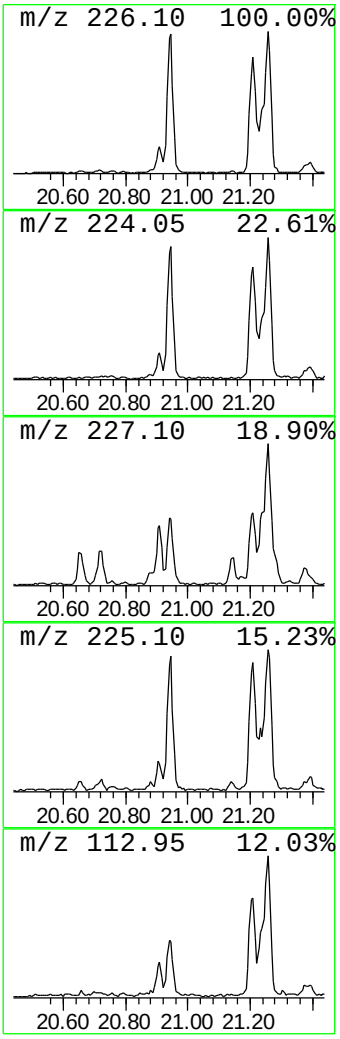
Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.86 ng/ul	465814	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	40
5	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	37





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Quant Title : SVOA CALIBRATION

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

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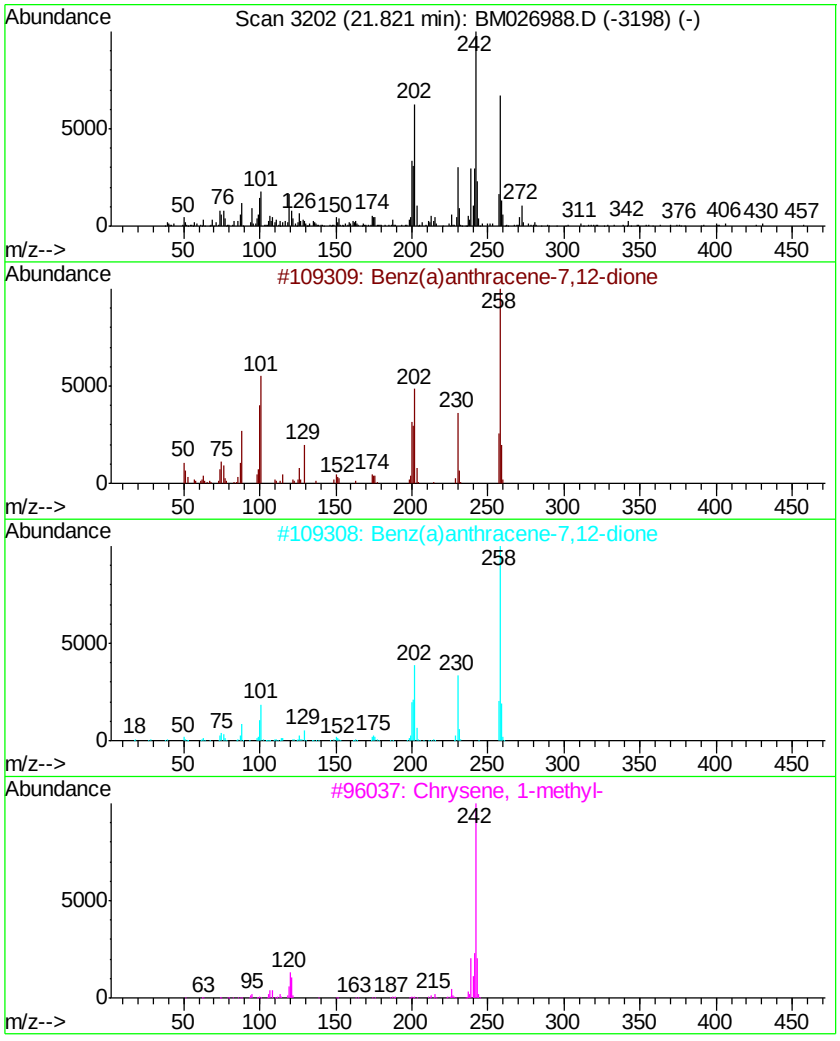
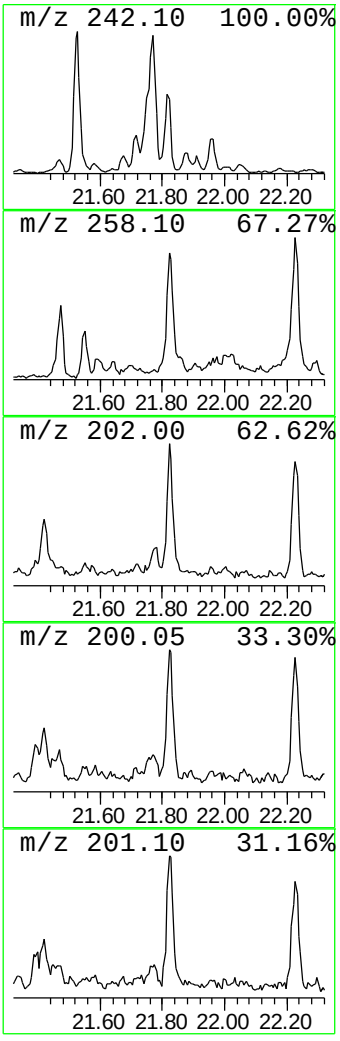
Peak Number 12 Benz(a)anthracene-7,12-dione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	2.21 ng/ul	267308	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	81
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	80
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	60
4	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	58
5	2-Methylchrysene	242	C19H14	003351-32-4	46





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Quant Title : SVOA CALIBRATION

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

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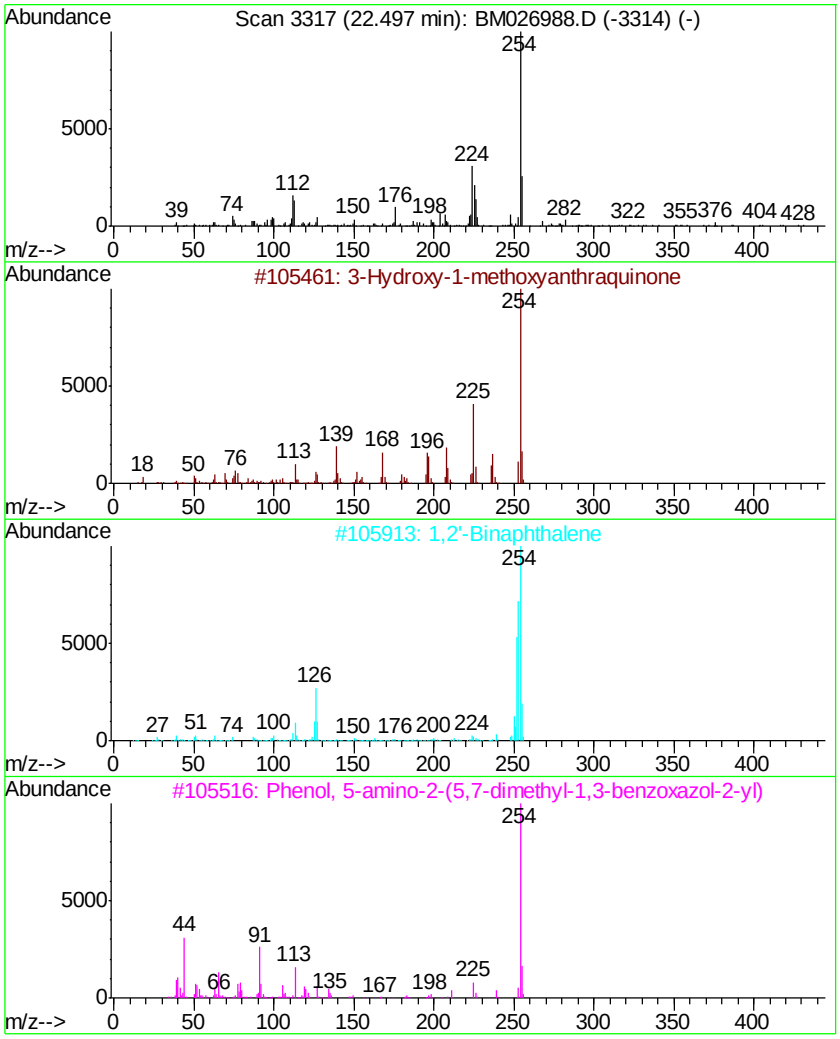
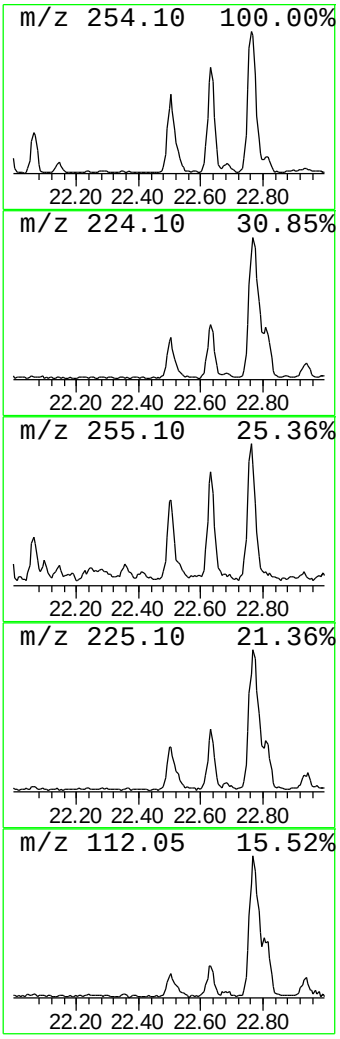
Peak Number 13 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	5.75 ng/ul	200743	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	59
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	53
3	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	53
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
5	5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	53





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Quant Title : SVOA CALIBRATION

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

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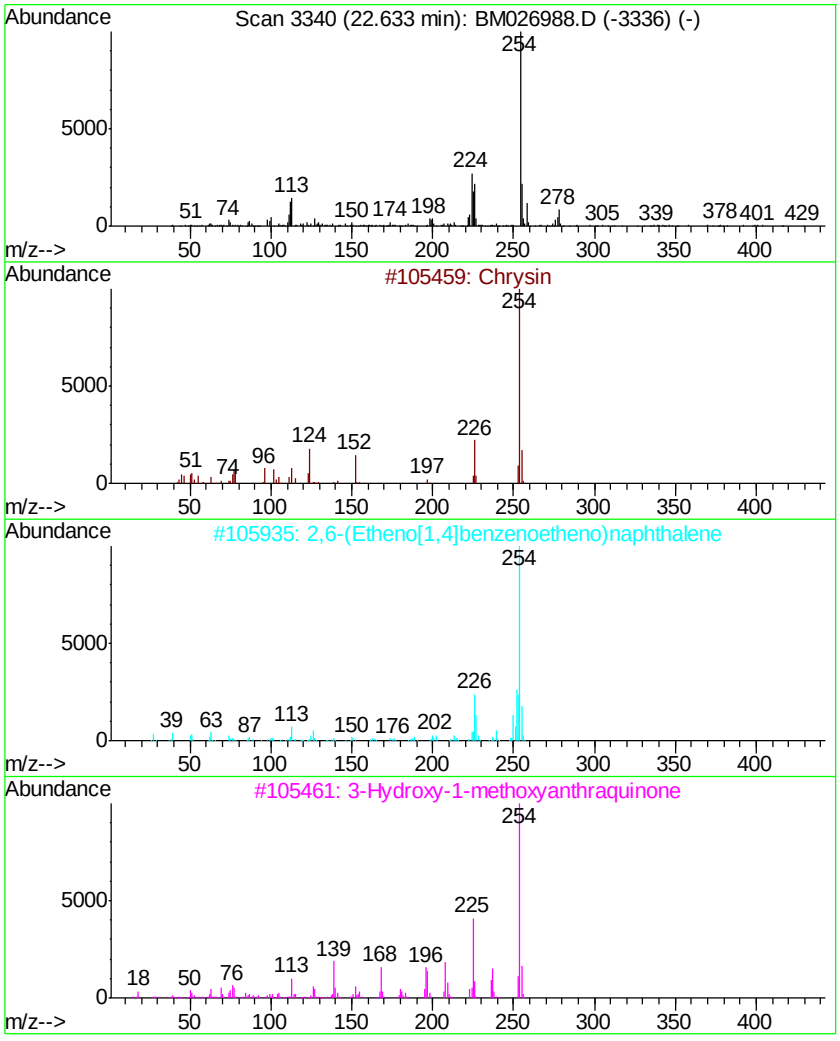
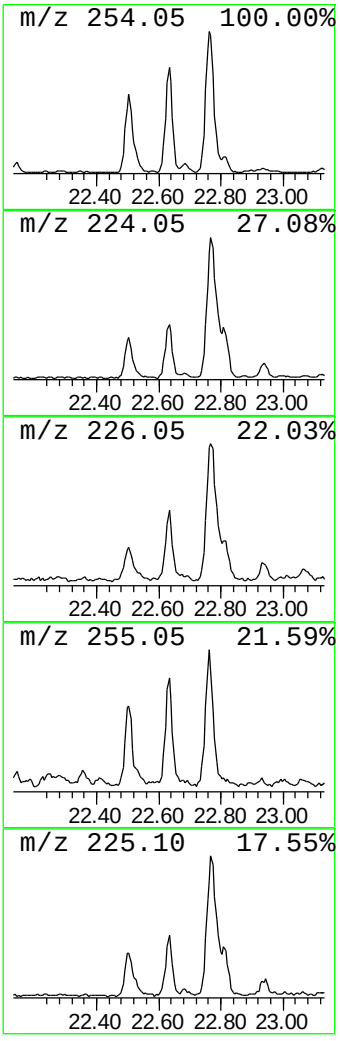
Peak Number 14 Chrysin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	9.02 ng/ul	314911	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysin	254	C15H10O4	000480-40-0	53
2	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	53
3	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	50
4	Chrysin	254	C15H10O4	000480-40-0	50
5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	47





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Quant Title : SVOA CALIBRATION

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

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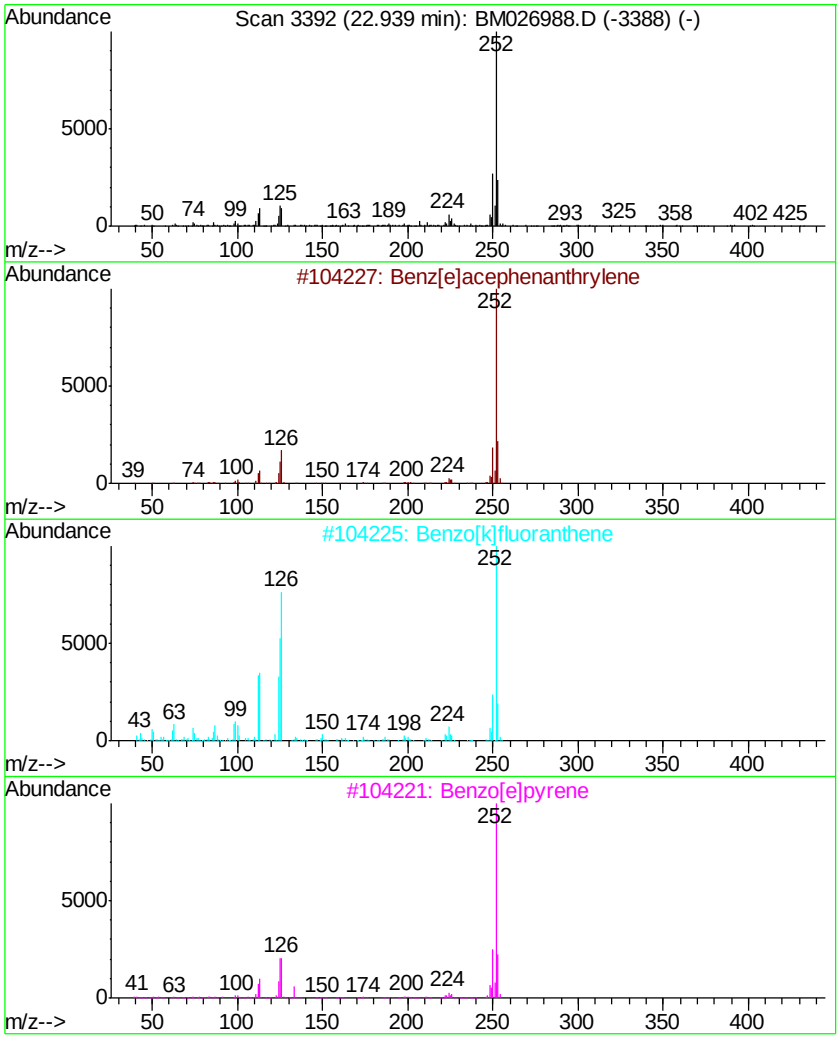
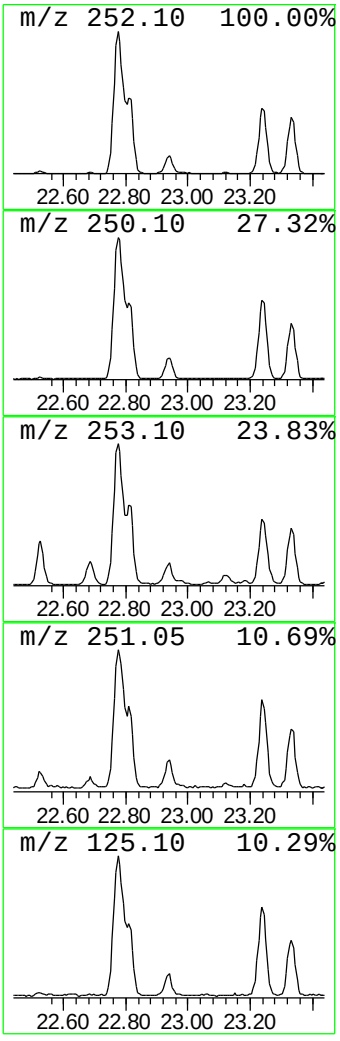
Peak Number 15 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	8.43 ng/ul	294348	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	87
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S92DL

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
4H-Cyclopenta[def...	18.10	2.3	ng/ul	94206	4	17.03	819810	20.0
Anthrone	18.29	2.5	ng/ul	101865	4	17.03	819810	20.0
9,10-Anthracenedione	18.44	2.1	ng/ul	86312	4	17.03	819810	20.0
Phenanthrene, 2,5...	18.83	2.7	ng/ul	111466	4	17.03	819810	20.0
Oleoyl chloride	18.91	2.6	ng/ul	104879	4	17.03	819810	20.0
Cyclopenta(def)ph...	18.97	5.5	ng/ul	224652	4	17.03	819810	20.0
Pyrene, 1-methyl-	19.80	2.0	ng/ul	245591	5	21.22	2414740	20.0
Pyrene, 4-methyl-	20.11	2.1	ng/ul	248574	5	21.22	2414740	20.0
7H-Benz[de]anthra...	20.70	2.5	ng/ul	301414	5	21.22	2414740	20.0
Benzo[b]naphtho[2...	20.87	2.8	ng/ul	332893	5	21.22	2414740	20.0
Cyclopenta[cd]pyrene	20.94	3.9	ng/ul	465814	5	21.22	2414740	20.0
Benz(a)anthracene...	21.82	2.2	ng/ul	267308	5	21.22	2414740	20.0
3-Hydroxy-1-metho...	22.50	5.8	ng/ul	200743	6	23.43	698262	20.0
Chrysin	22.63	9.0	ng/ul	314911	6	23.43	698262	20.0
Benzo[e]pyrene	22.94	8.4	ng/ul	294348	6	23.43	698262	20.0