LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

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-BM031420MA.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	6.763	653	659	670	rVB	163482	265791	3.42%	0.292%
2	6.922	680	686	694	rVB	122081	186394	2.40%	0.205%
3	7.116	712	719	726	rBV	172288	269941	3.47%	0.296%
4	7.575	790	797	805	rVB	853284	1304716	16.78%	1.431%
5	8.281	912	917	927	rBV	197748	305106	3.92%	0.335%
6	8.716	985	991	1001	rBV	153341	252359	3.25%	0.277%
7	9.434	1108	1113	1120	rBV	116097	188894	2.43%	0.207%
8	9.969	1198	1204	1213	rVB	213446	347711	4.47%	0.381%
9	10.339	1259	1267	1273	rBV	1165114	1909910	24.57%	2.095%
10	10.481	1285	1291	1301	rBV	147976	258206	3.32%	0.283%
11	13.633	1822	1827	1831	rVV	344577	489768	6.30%	0.537%
12	13.898	1865	1872	1876	rBV	406854	655019	8.43%	0.719%
13	14.216	1919	1926	1932	rVV2	1766672	2597597	33.42%	2.850%
14	14.274	1932	1936	1946	rVV	135008	199233	2.56%	0.219%
15	14.422	1955	1961	1972	rBV2	116873	213492	2.75%	0.234%
16	14.616	1988	1994	2000	rVV2	74339	124553	1.60%	0.137%
17	15.210	2090	2095	2100	rVB	568259	767361	9.87%	0.842%
18	15.263	2100	2104	2111	rVB	166134	234170	3.01%	0.257%
19	15.333	2111	2116	2122	rBV2	94718	140930	1.81%	0.155%
20	15.569	2151	2156	2160	rBV	67394	100199	1.29%	0.110%
21	15.710	2176	2180	2189	rVB2	60855	135837	1.75%	0.149%
22	15.939	2212	2219	2227	rVV9	44150	110302	1.42%	0.121%
23	16.274	2265	2276	2281	rBV5	55782	161253	2.07%	0.177%
24	16.504	2307	2315	2319	rBV4	57766	122679	1.58%	0.135%
25	16.616	2329	2334	2343	rVB2	89311	164454	2.12%	0.180%
26	16.698	2343	2348	2354	rBV3	58506	109555	1.41%	0.120%
27	16.774	2354	2361	2366	rVB	117216	193989	2.50%	0.213%
28	16.963	2386	2393	2396	rBV	2083917	2991670	38.48%	3.282%
29	17.004	2396	2400	2405	rVV	2741685	3670674	47.22%	4.027%
30	17.057	2405	2409	2412	rVV2	609000	873216	11.23%	0.958%
31	17.092	2412	2415	2421	rVV	633858	823207	10.59%	0.903%
32	17.157	2421	2426	2432	rVV3	68422	115328	1.48%	0.127%
33	17.363	2452	2461	2465	rVV2	116690	199292	2.56%	0.219%
34	17.410	2465	2469	2475	rVV3	42092	87807	1.13%	0.096%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

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-BM031420MA.M
Title : SVOA CALIBRATION

35	17.486	2478	2482	2486	rVV2	96465	148525	1.91%	0.163%
36	17.539	2487	2491	2501	rVB2	114999	187663	2.41%	0.206%
37	17.686	2511	2516	2522	rVB	62848	111000	1.43%	0.122%
38	17.833	2536	2541	2545	rVV	402403	579029	7.45%	0.635%
39	17.880	2545	2549	2557	rVB	594696	810246	10.42%	0.889%
40	17.962	2557	2563	2568	rBV	180194	278112	3.58%	0.305%
41	18.027	2568	2574	2578	rBV2	625643	1077848	13.87%	1.183%
42	18.062	2578	2580	2589	rVB	293726	378664	4.87%	0.415%
43	18.339	2623	2627	2630	rBV	310042	402978	5.18%	0.442%
44	18.374	2630	2633	2645	rVB3	275558	426922	5.49%	0.468%
45	18.592	2667	2670	2674	rVV2	101968	134804	1.73%	0.148%
46	18.639	2674	2678	2682	rVV	123761	168253	2.16%	0.185%
47	18.680	2682	2685	2688	rVB3	102201	129521	1.67%	0.142%
48	18.762	2690	2699	2704	rBV	308774	548008	7.05%	0.601%
49	18.821	2704	2709	2712	rVV2	175697	298810	3.84%	0.328%
50	18.857	2712	2715	2718	rVV	94649	130825	1.68%	0.144%
51	18.898	2718	2722	2730	rVB2	235946	406279	5.23%	0.446%
52	19.021	2737	2743	2749	rVB	5433128	7389896	95.06%	8.108%
53	19.098	2752	2756	2758	rVV	69901	97977	1.26%	0.107%
54	19.127	2758	2761	2765	rVV4	92808	141458	1.82%	0.155%
55	19.174	2765	2769	2773	rVV3	194602	246689	3.17%	0.271%
56	19.221	2773	2777	2780	rVV4	72479	118977	1.53%	0.131%
57	19.262	2781	2784	2791	rVV2	184451	330729	4.25%	0.363%
58	19.357	2794	2800	2801	rVV	1468372	1848035	23.77%	2.028%
59	19.386	2801	2805	2813	rVV	4954466	6872173	88.40%	7.540%
60	19.462	2813	2818	2825	rVB2	183417	387108	4.98%	0.425%
61	19.568	2832	2836	2842	rBV	218210	257421	3.31%	0.282%
62	19.627	2842	2846	2852	rVB	192943	316974	4.08%	0.348%
63	19.715	2854	2861	2867	rBV3	311345	799389	10.28%	0.877%
64	19.809	2873	2877	2880	rBV4	71889	114673	1.48%	0.126%
65	19.851	2880	2884	2886	rVV2	256522	393778	5.07%	0.432%
66	19.886	2886	2890	2895	rVB	633196	874447	11.25%	0.959%
67	19.939	2896	2899	2903	rBV5	47791	90661	1.17%	0.099%
68	19.986	2903	2907	2911	rBV	384635	455550	5.86%	0.500%
69	20.045	2911	2917	2921	rBV2	455062	637837	8.21%	0.700%
70	20.127	2928	2931	2936	rVB3	78159	105601	1.36%	0.116%
71	20.180	2936	2940	2944	rBV	252819	312028	4.01%	0.342%

LSC Area Percent Report

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Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

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-BM031420MA.M
Title : SVOA CALIBRATION

72	20.227	2944	2948	2953	rBV	249627	355104	4.57%	0.390%
73	20.445	2981	2985	2988	rBV4	105644	197805	2.54%	0.217%
74	20.633	3013	3017	3024	rVB	379717	577999	7.44%	0.634%
75	20.798	3039	3045	3049	rBV3	457312	772545	9.94%	0.848%
76	20.839	3049	3052	3055	rVV	382944	452862	5.83%	0.497%
77	20.874	3055	3058	3064	rVV2	368946	839458	10.80%	0.921%
78	20.927	3064	3067	3074	rVB2	420741	590527	7.60%	0.648%
79	21.039	3083	3086	3093	rBV3	103399	178146	2.29%	0.195%
80	21.098	3093	3096	3098	rBV2	206946	258550	3.33%	0.284%
81	21.145	3098	3104	3109	rVV2	3790138	7773712	100.00%	8.529%
82	21.186	3109	3111	3119	rVB	2445279	2898306	37.28%	3.180%
83	21.303	3128	3131	3135	rBV	357347	413654	5.32%	0.454%
84	21.456	3153	3157	3162	rBV2	320756	568302	7.31%	0.624%
85	21.509	3163	3166	3170	rVV4	134681	220100	2.83%	0.241%
86	21.639	3185	3188	3191	rBV2	125984	191893	2.47%	0.211%
87	21.692	3191	3197	3202	rVV	485949	827294	10.64%	0.908%
88	21.739	3202	3205	3213	rVB3	254900	493921	6.35%	0.542%
89	21.880	3226	3229	3232	rBV	256426	339753	4.37%	0.373%
90	21.909	3232	3234	3239	rVB3	272781	335824	4.32%	0.368%
91	22.668	3357	3363	3379	rBV	2233588	7127969	91.69%	7.820%
92	22.827	3386	3390	3397	rVB	436925	673841	8.67%	0.739%
93	23.121	3434	3440	3445	rBV	1238696	2247726	28.91%	2.466%
94	23.168	3445	3448	3451	rVV	492181	788605	10.14%	0.865%
95	23.209	3451	3455	3464	rVV	1985093	3582752	46.09%	3.931%
96	23.303	3465	3471	3476	rVV	2011808	3596756	46.27%	3.946%
97	23.350	3476	3479	3486	rVB2	555026	969210	12.47%	1.063%
98	23.850	3561	3564	3570	rVB	369187	592574	7.62%	0.650%
99	25.433	3826	3833	3842	rVB	1092815	2888064	37.15%	3.169%
100	26.074	3936	3942	3959	rVB	609606	1812405	23.31%	1.988%

Sum of corrected areas: 91145158

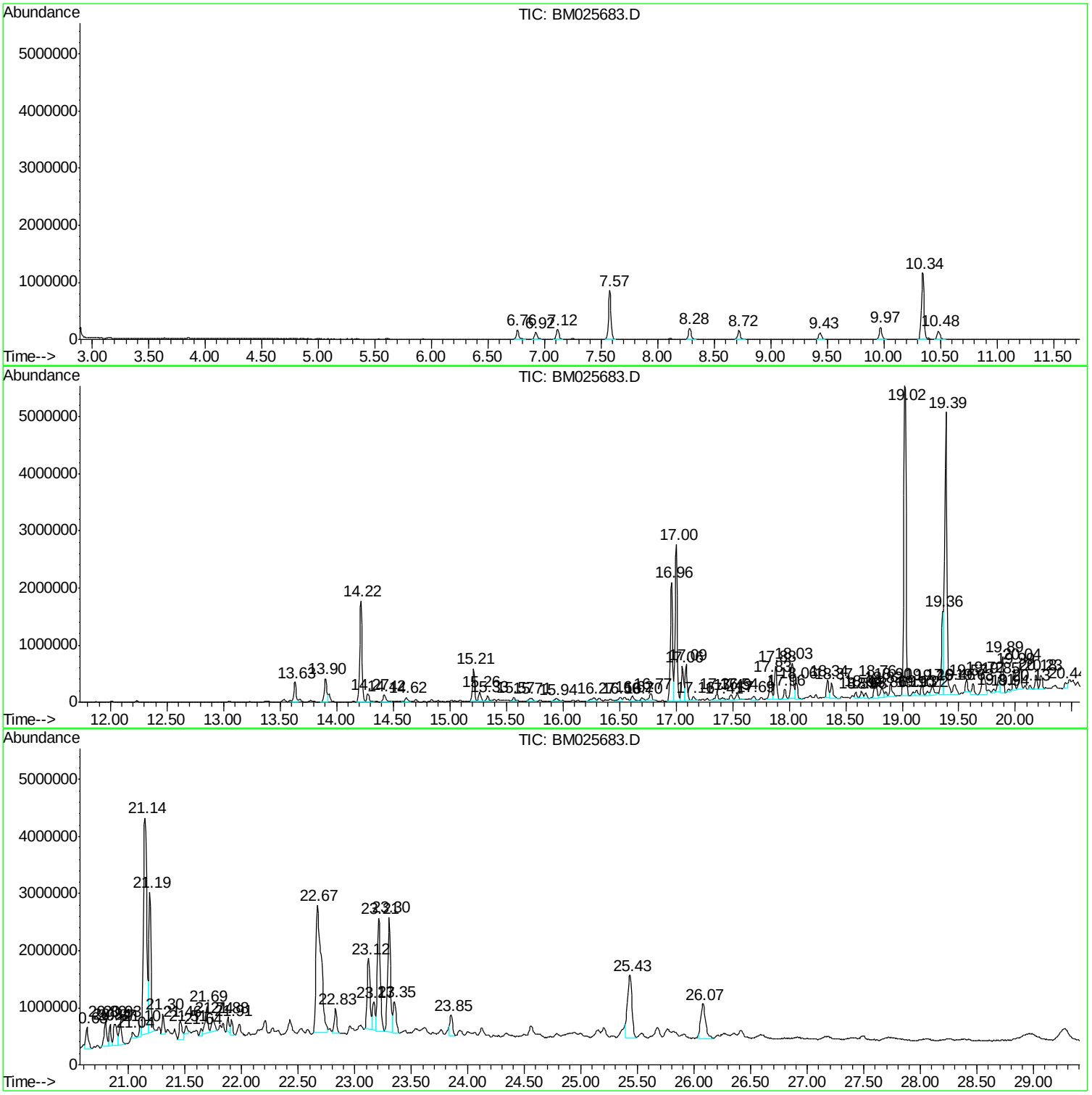
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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\BM032020\
Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
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Instrument : BNA_M
ClientSampleId : B0AH1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

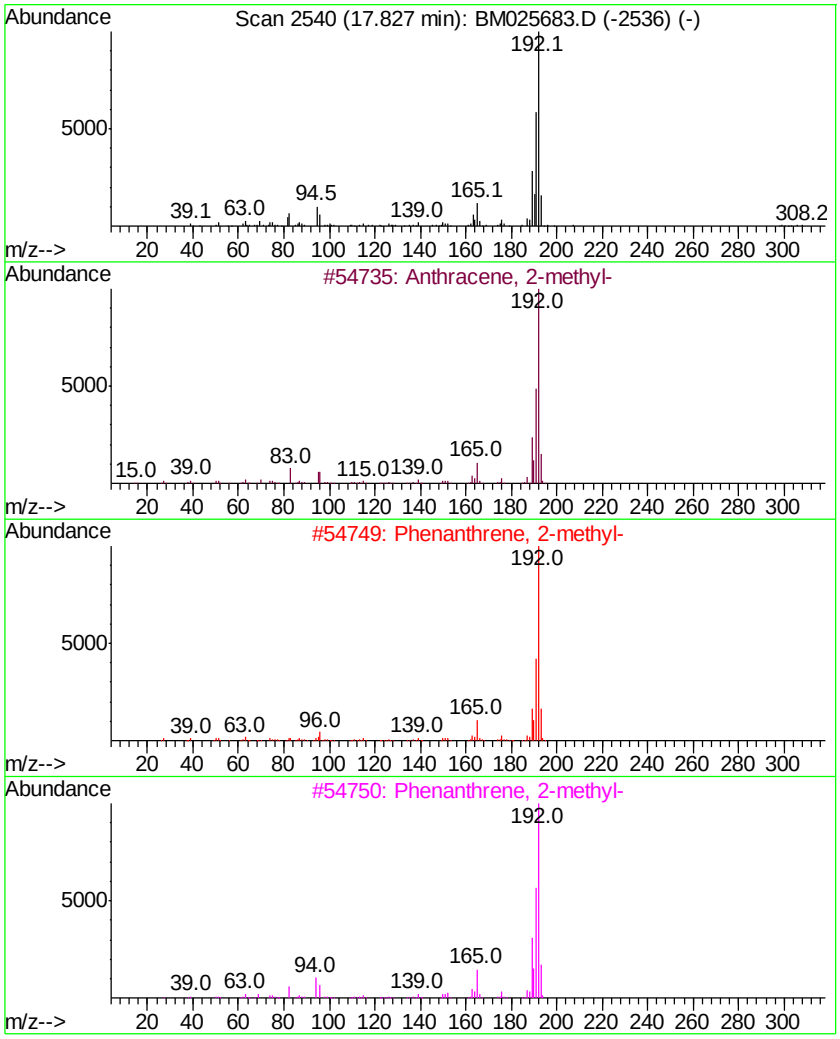
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

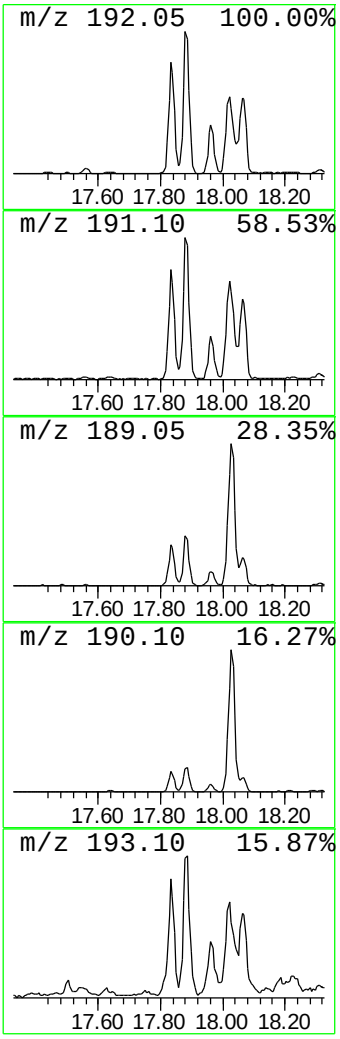
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.87 ng/ul	579029	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

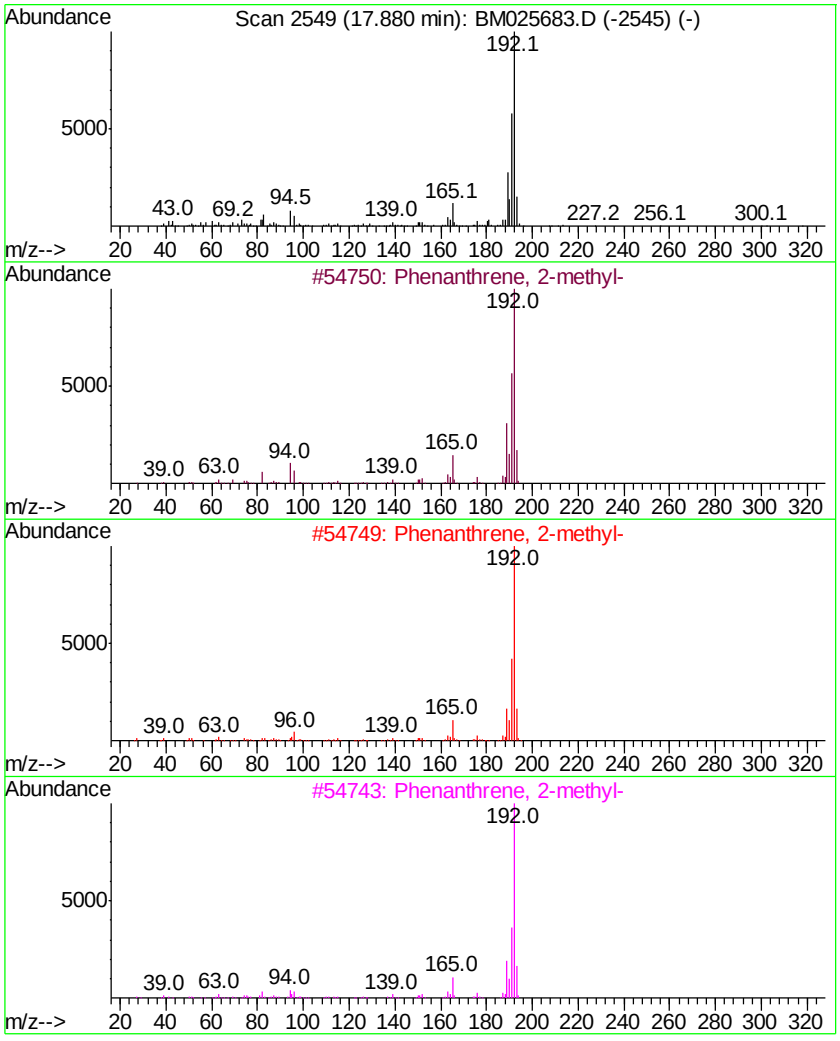
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

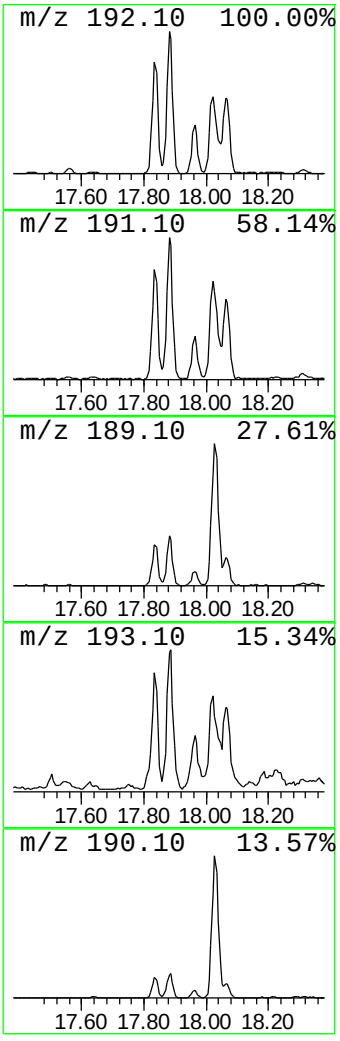
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	5.42 ng/ul	810246	Phenanthrene-d10	16.96

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	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
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Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

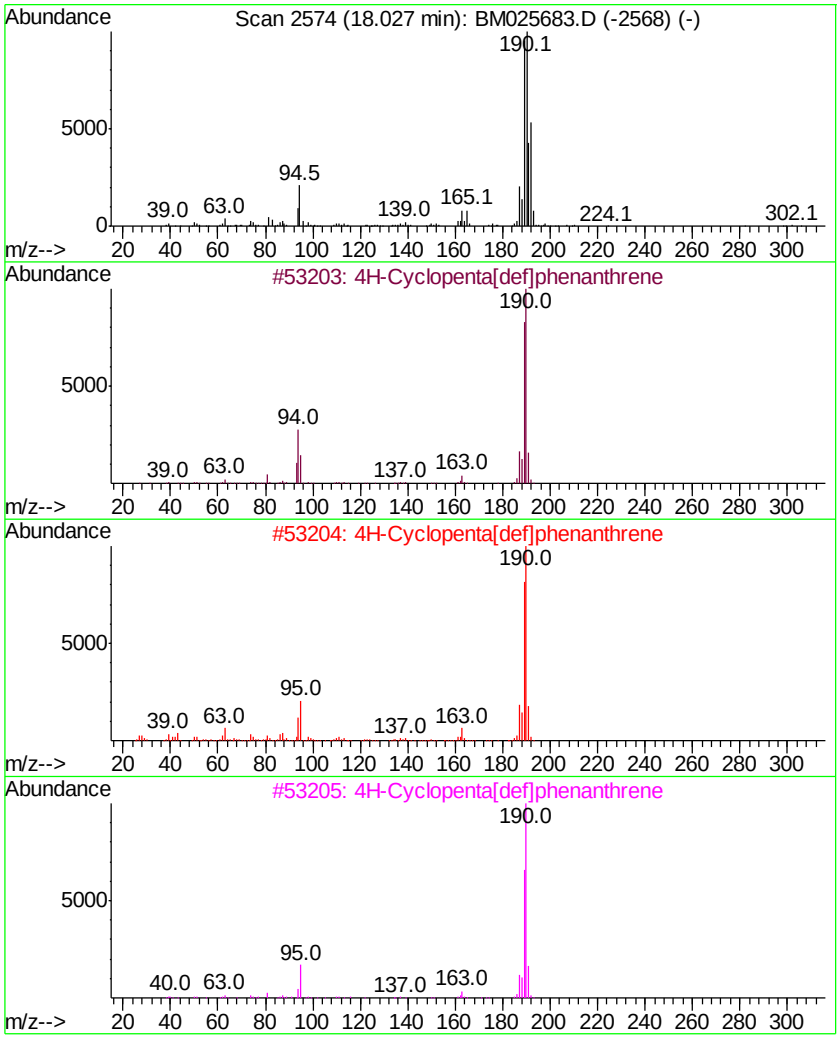
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

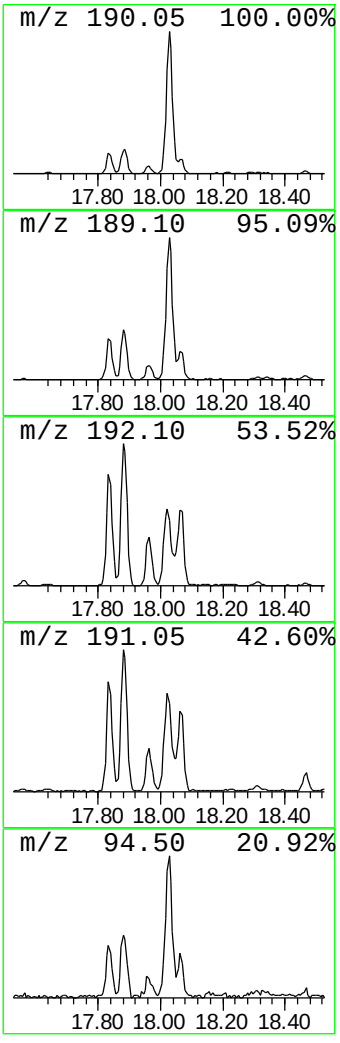
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	7.21 ng/ul	1077850	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

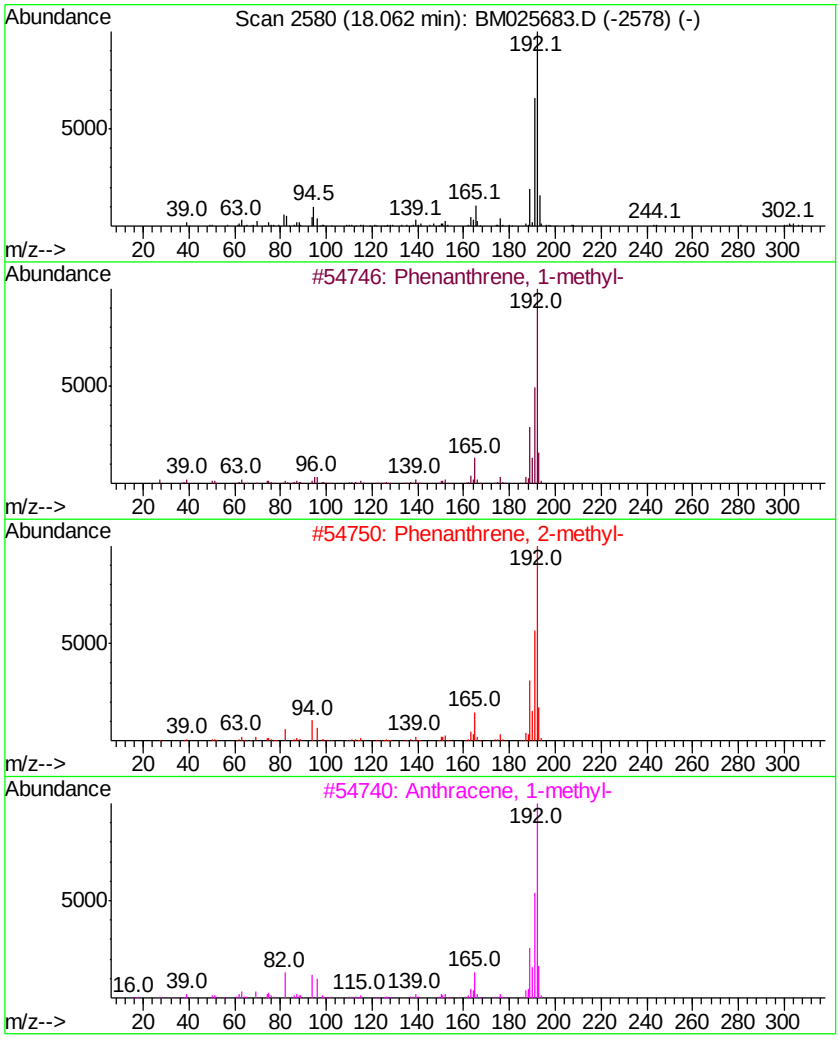
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

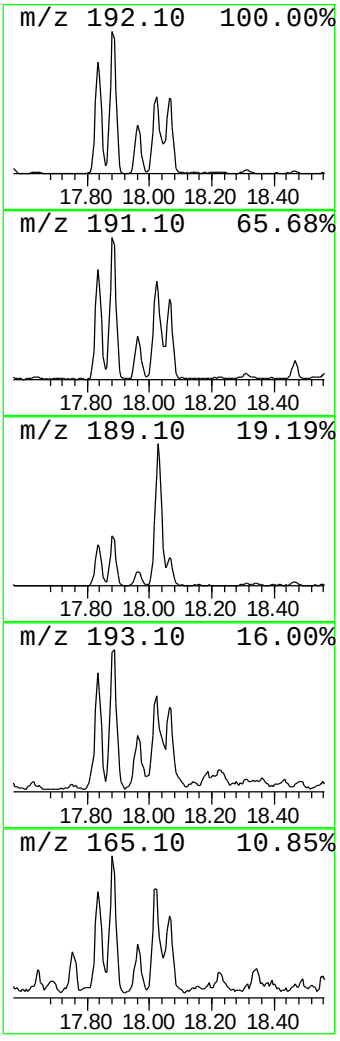
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.53 ng/ul	378664	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

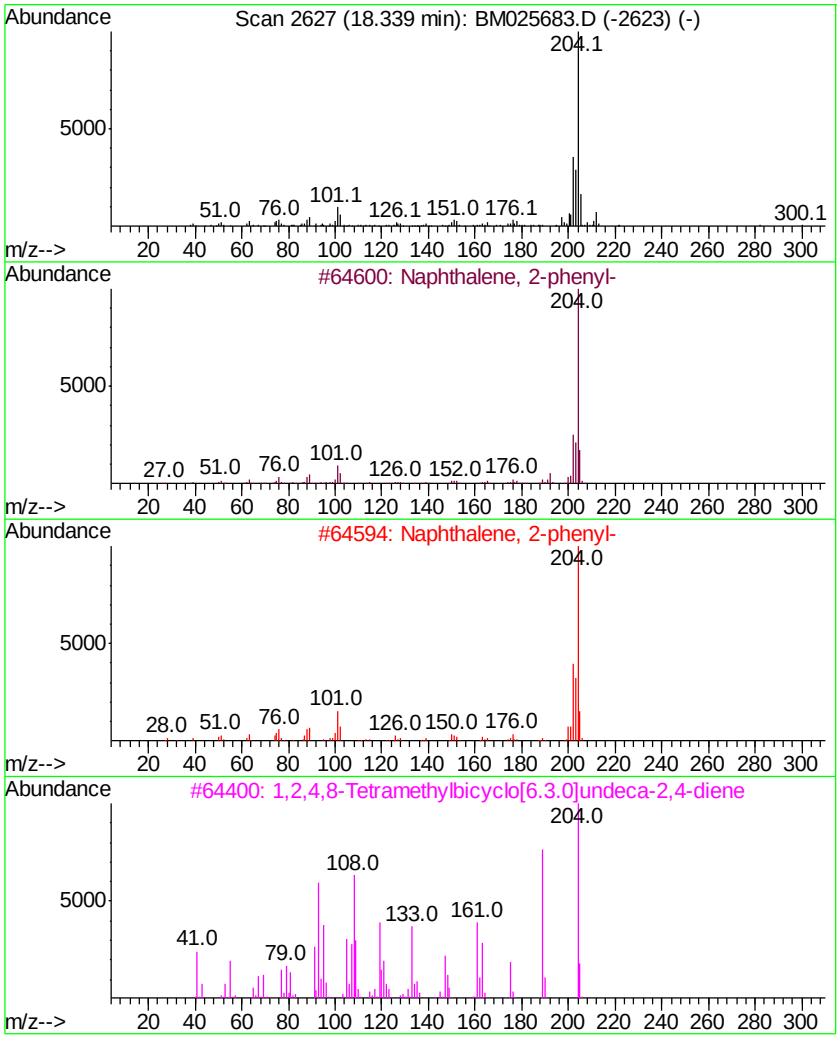
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

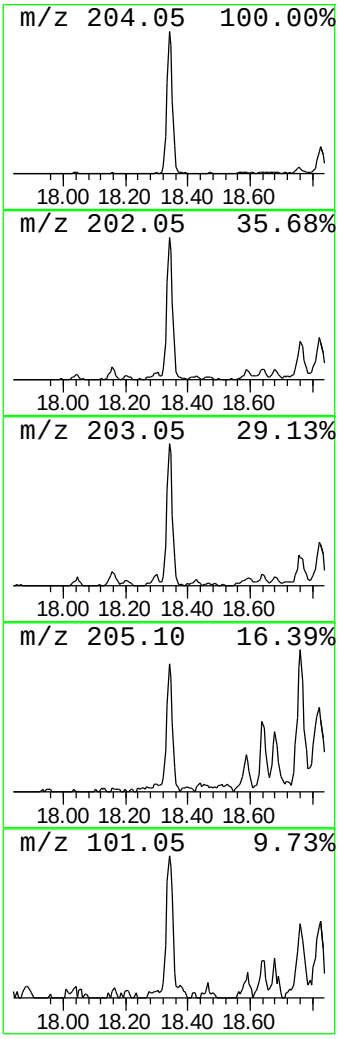
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.69 ng/ul	402978	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

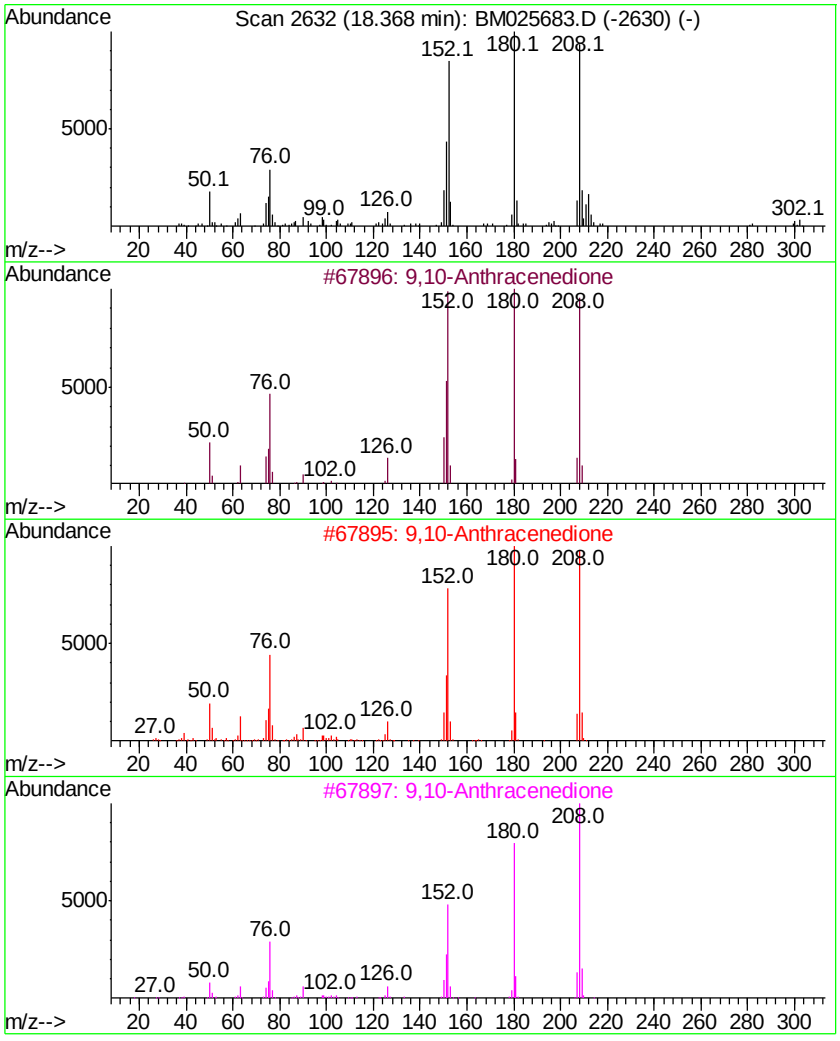
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

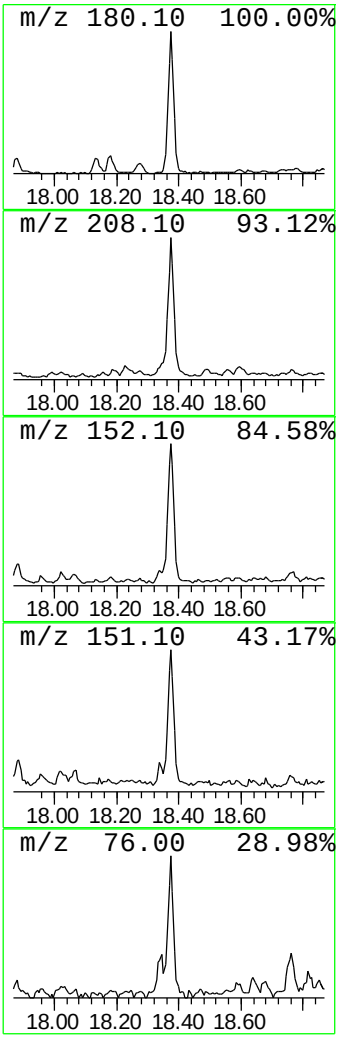
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.85 ng/ul	426922	Phenanthrene-d10	16.96

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	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





Library Search Compound Report

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Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

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Quant Title : SVOA CALIBRATION

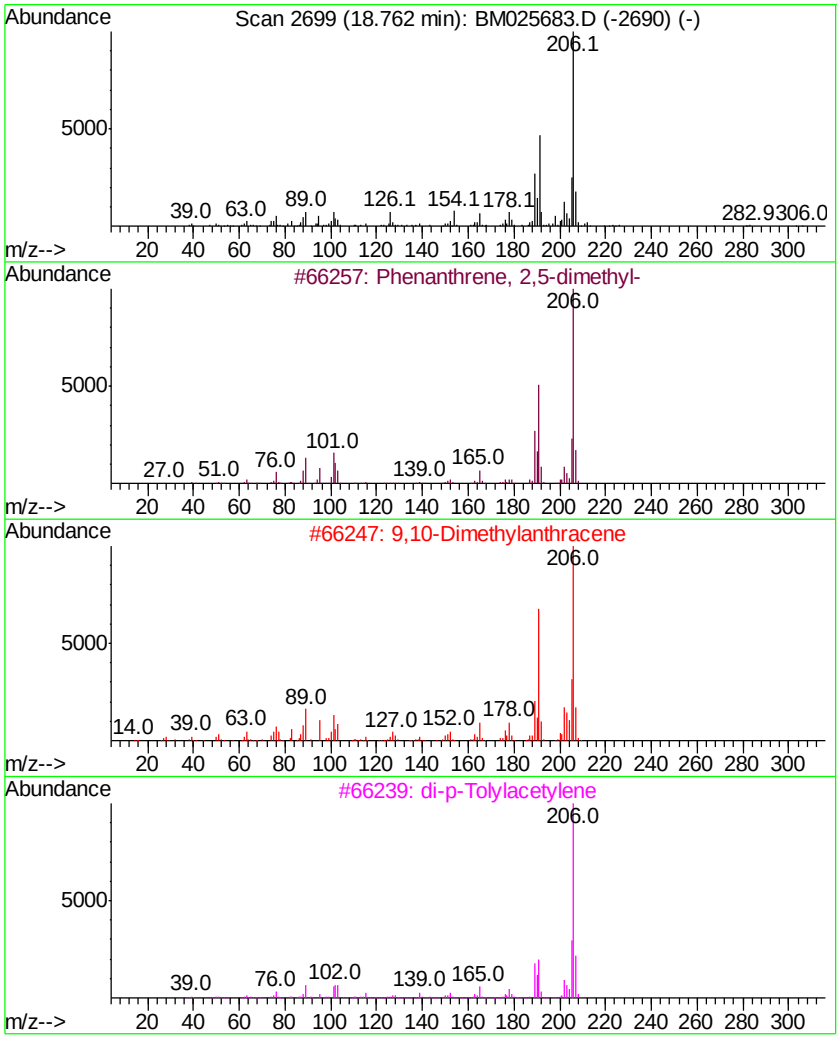
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

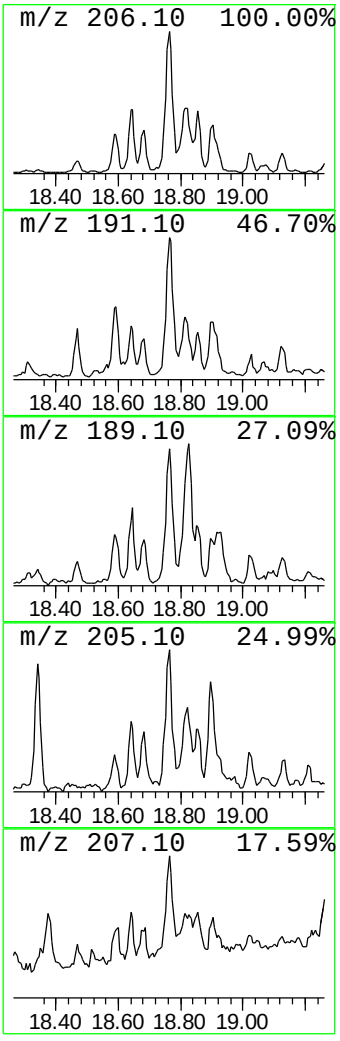
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.66 ng/ul	548008	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Acq On : 21 Mar 2020 05:10
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Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

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Quant Title : SVOA CALIBRATION

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

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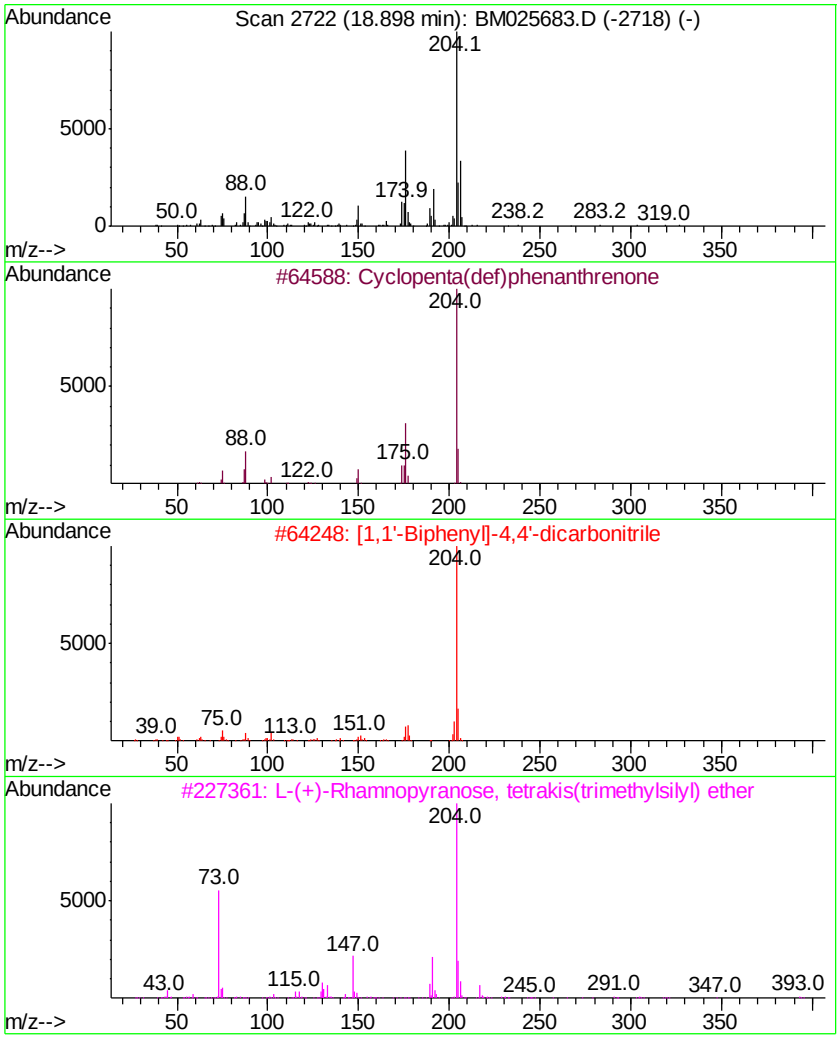
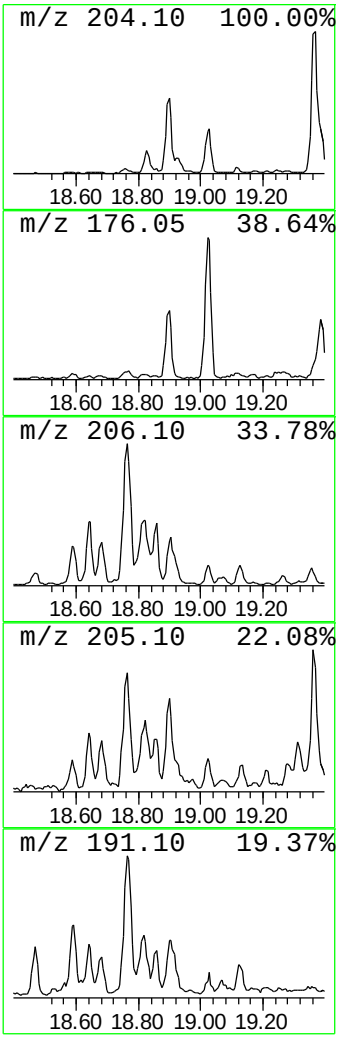
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.72 ng/ul	406279	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	42
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41





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Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

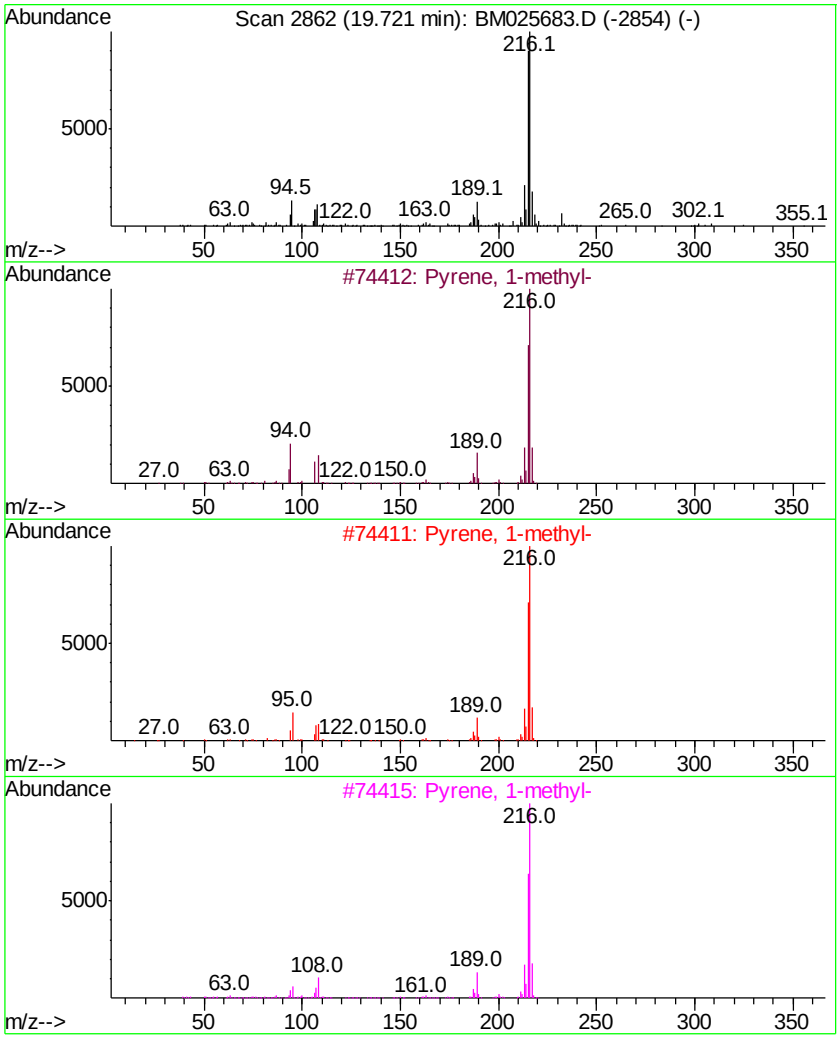
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

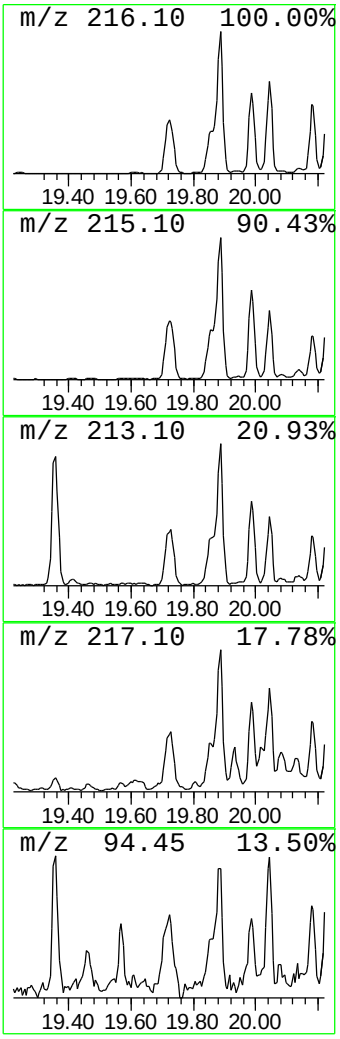
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.06 ng/ul	799389	Chrysene-d12	21.15

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	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Library Search Compound Report

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Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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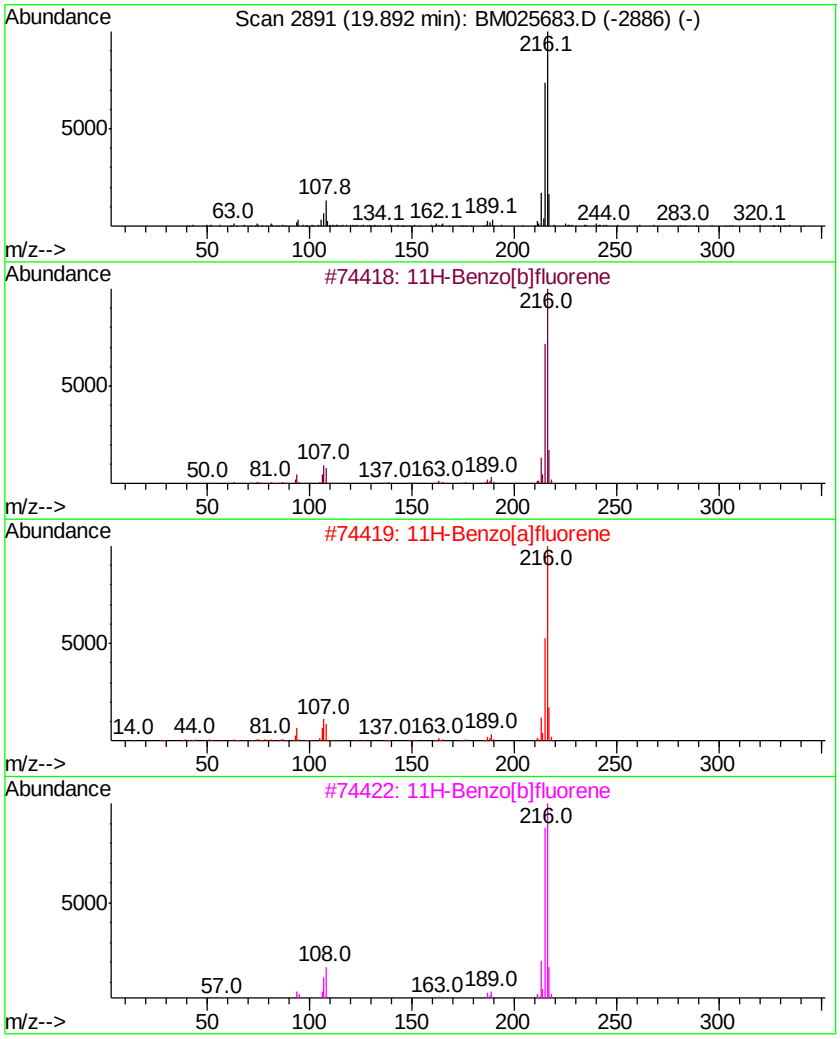
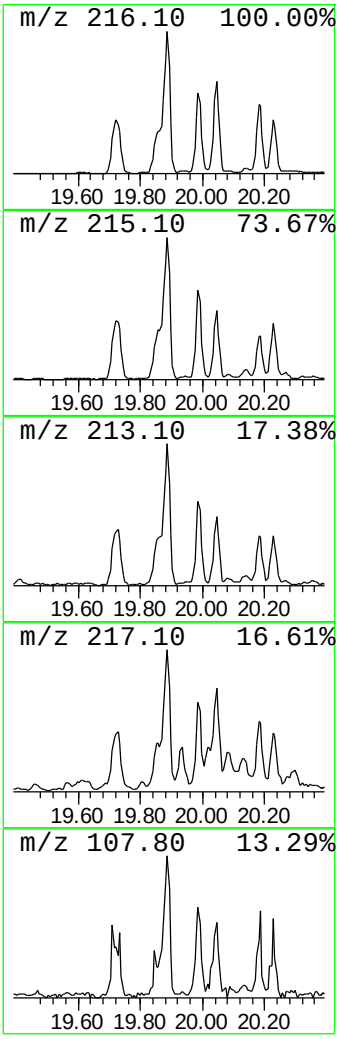
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.25 ng/ul	874447	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	97
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Library Search Compound Report

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Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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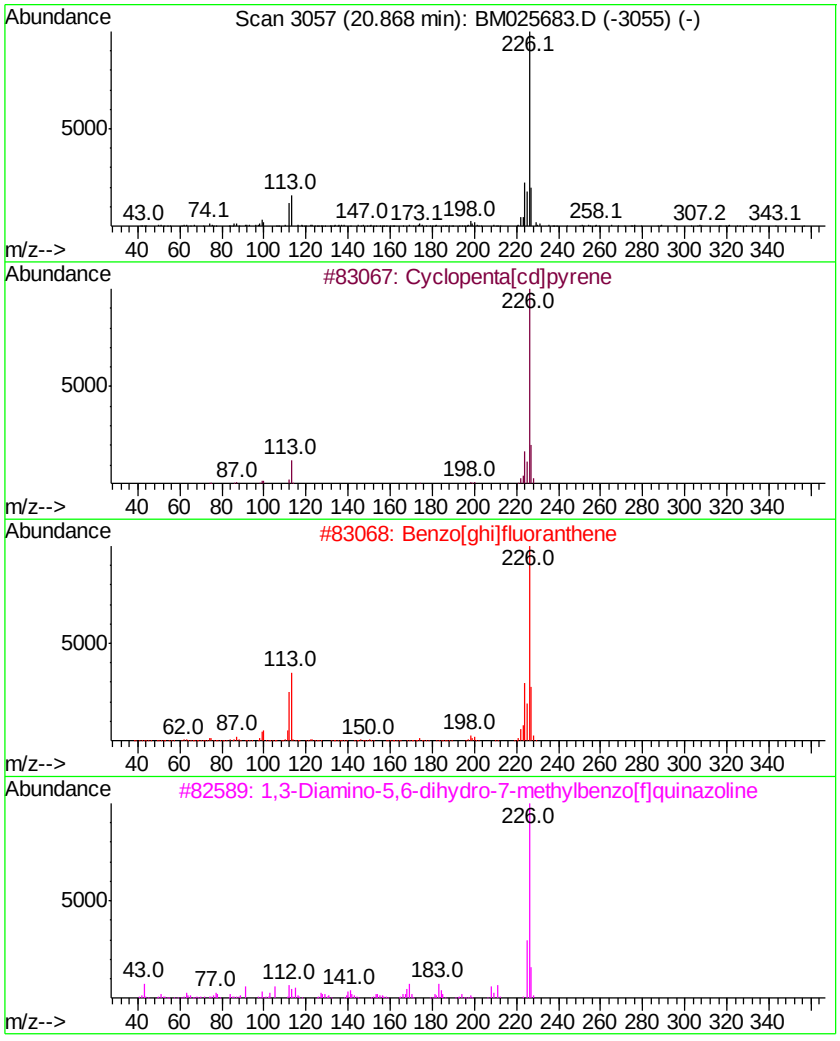
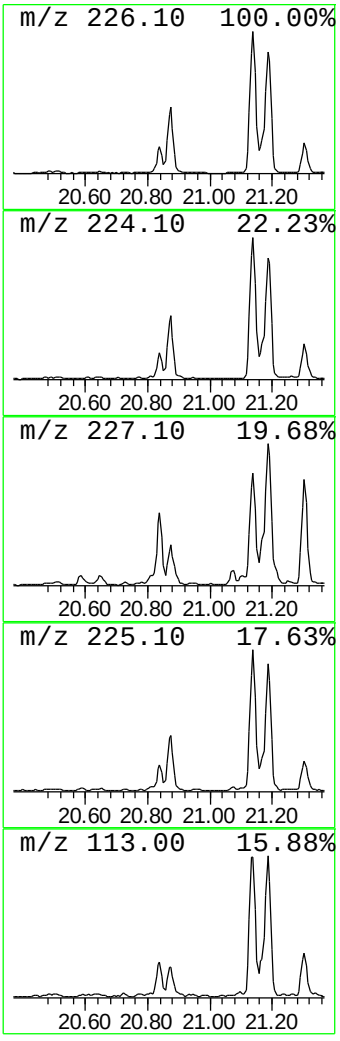
Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.16 ng/ul	839458	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	52
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
4	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	49
5	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	47





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Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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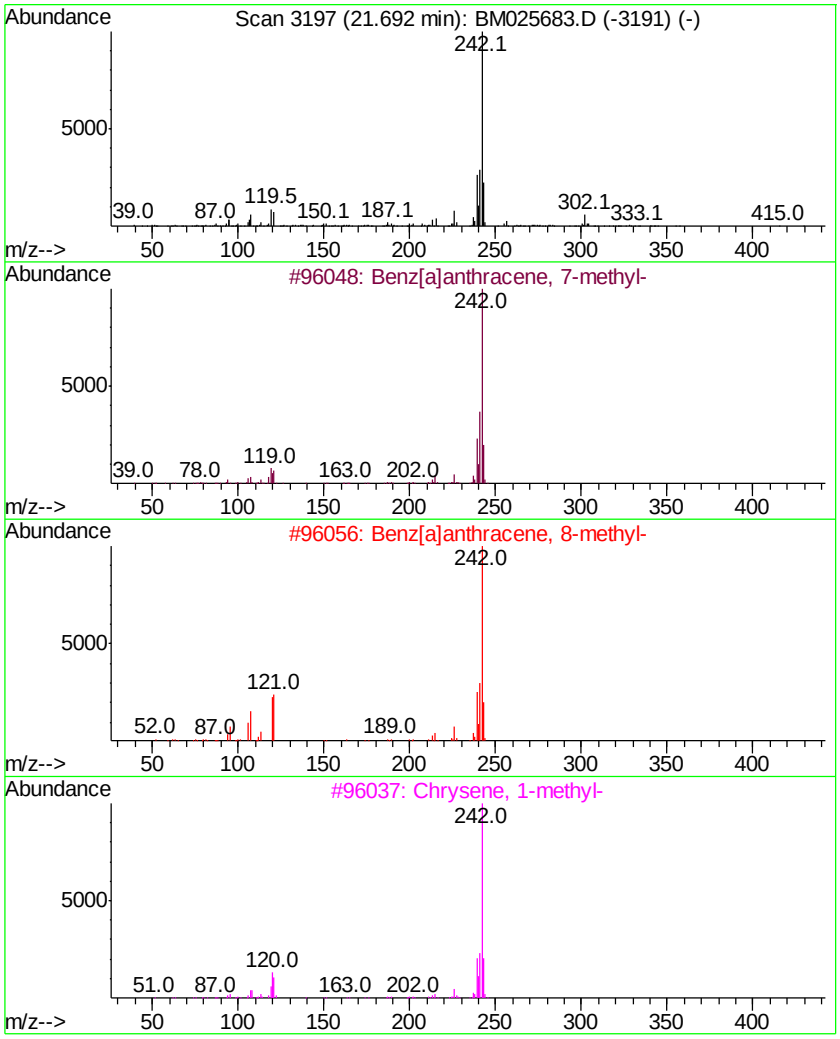
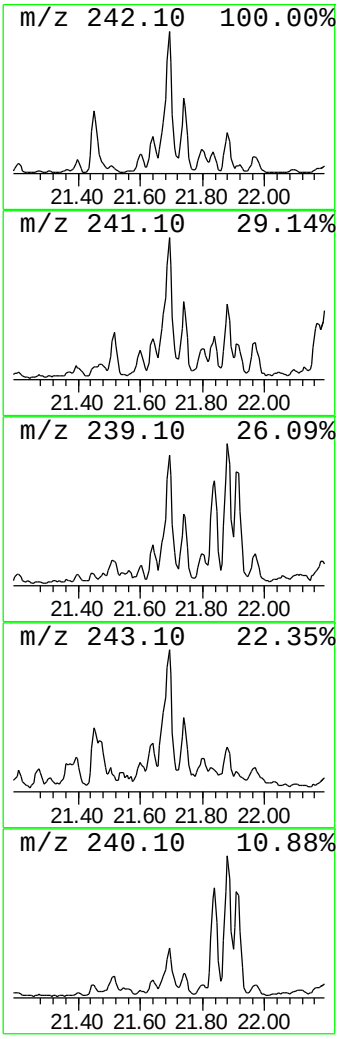
Peak Number 12 Benz[a]anthracene, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.13 ng/ul	827294	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89





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Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH1DL

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Quant Title : SVOA CALIBRATION

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

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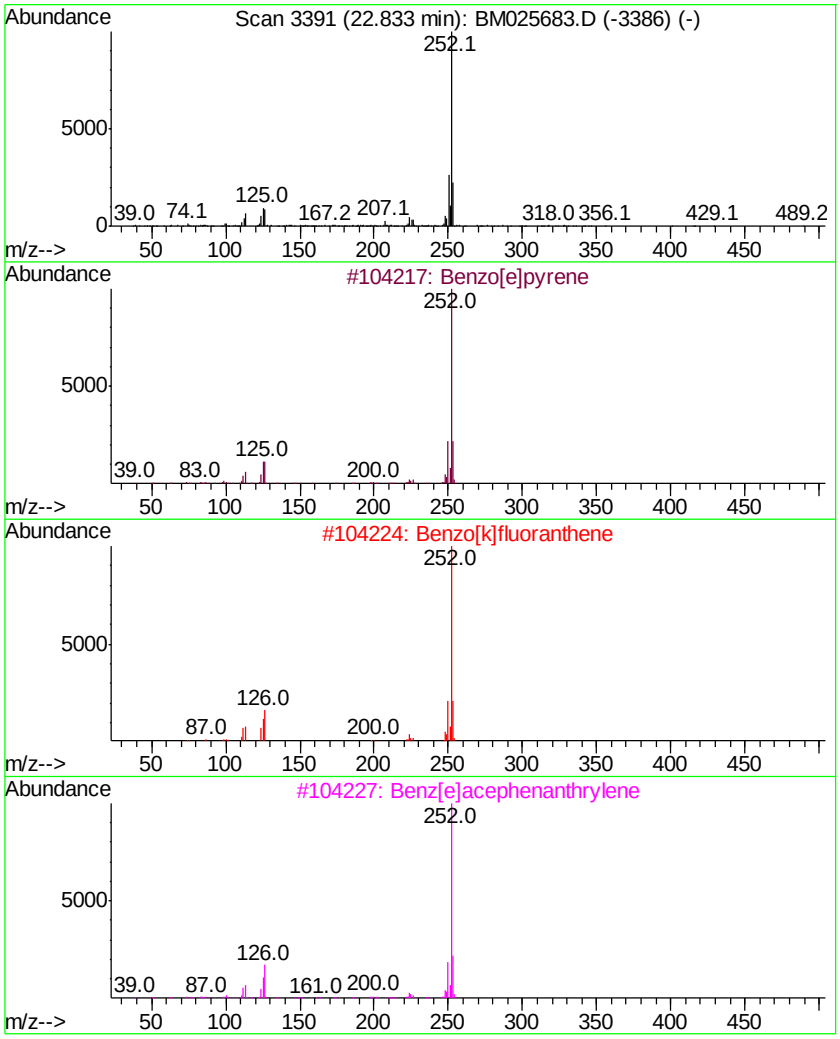
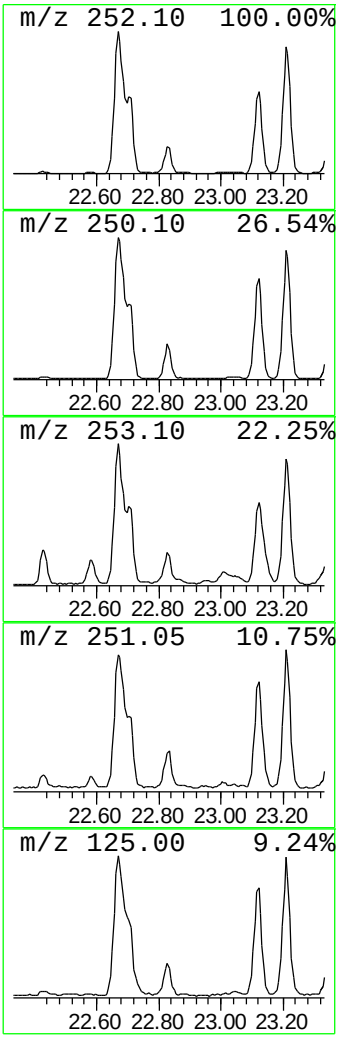
Peak Number 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	3.75 ng/ul	673841	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86





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Misc :
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Instrument : BNA_M
ClientSampleId : B0AH1DL

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Quant Title : SVOA CALIBRATION

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

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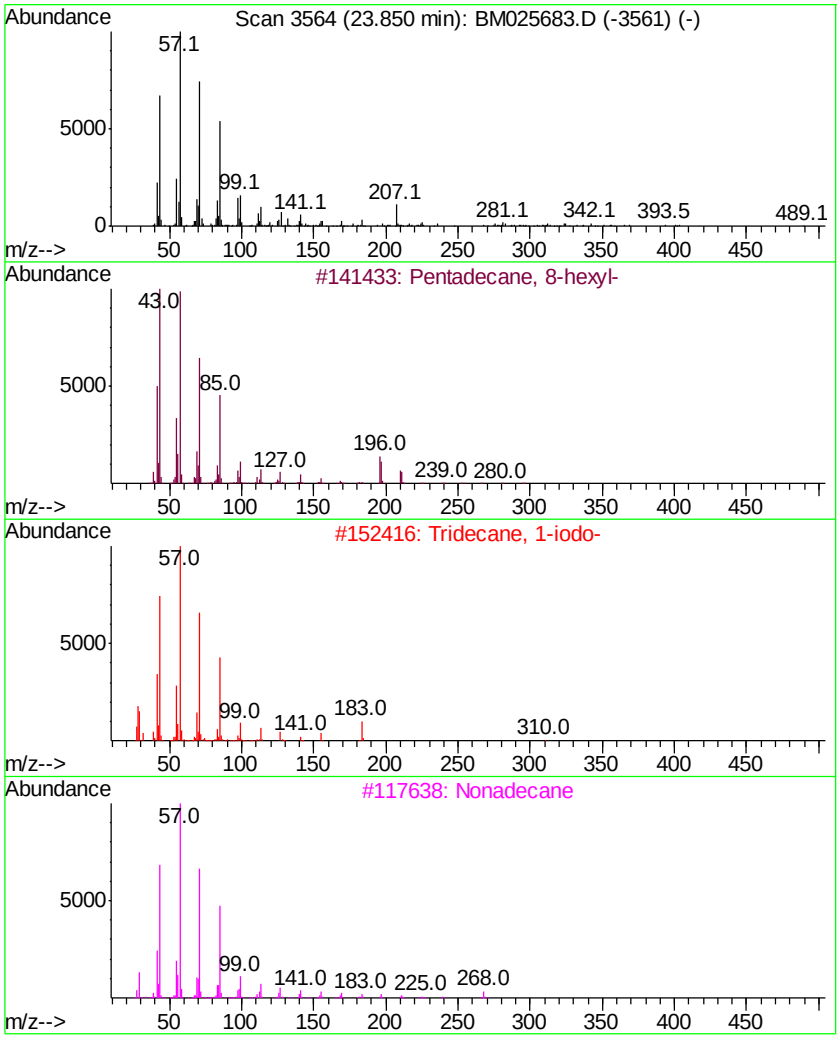
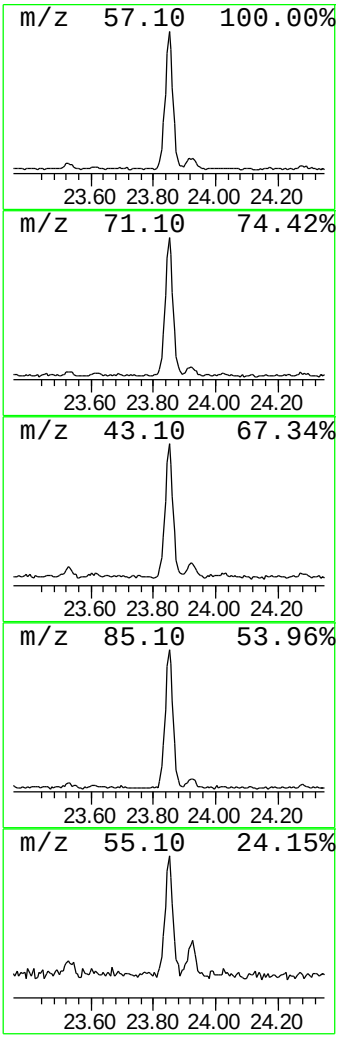
Peak Number 14 (DEL) Alkane: Cyclic23.85 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	3.30 ng/ul	592574	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Nonadecane	268	C19H40	000629-92-5	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Octadecane	254	C18H38	000593-45-3	87





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 2-met...	17.83	3.9	ng/ul	579029	4	16.96	2991670	20.0
Phenanthrene, 2-m...	17.88	5.4	ng/ul	810246	4	16.96	2991670	20.0
4H-Cyclopenta[def...	18.03	7.2	ng/ul	1077850	4	16.96	2991670	20.0
Phenanthrene, 1-m...	18.06	2.5	ng/ul	378664	4	16.96	2991670	20.0
Naphthalene, 2-ph...	18.34	2.7	ng/ul	402978	4	16.96	2991670	20.0
9,10-Anthracenedione	18.37	2.9	ng/ul	426922	4	16.96	2991670	20.0
Phenanthrene, 2,5...	18.76	3.7	ng/ul	548008	4	16.96	2991670	20.0
Cyclopenta(def)ph...	18.90	2.7	ng/ul	406279	4	16.96	2991670	20.0
Pyrene, 1-methyl-	19.72	2.1	ng/ul	799389	5	21.15	7773710	20.0
11H-Benzo[b]fluorene	19.89	2.3	ng/ul	874447	5	21.15	7773710	20.0
Cyclopenta[cd]pyrene	20.87	2.2	ng/ul	839458	5	21.15	7773710	20.0
Benz[a]anthracene...	21.69	2.1	ng/ul	827294	5	21.15	7773710	20.0
Benzo[e]pyrene	22.83	3.8	ng/ul	673841	6	23.30	3596760	20.0
(DEL) Alkane: Cyc...	23.85	3.3	ng/ul	592574	6	23.30	3596760	20.0