LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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	650	659	670	rBV	702762	1159514	10.30%	0.859%
2	6.922	678	686	697	rBV	530898	816390	7.25%	0.605%
3	7.116	712	719	728	rVB	755148	1135016	10.09%	0.841%
4	7.575	790	797	806	rVV	777221	1204232	10.70%	0.892%
5	8.287	911	918	926	rBV	869645	1374795	12.22%	1.019%
6	8.716	984	991	999	rBV	669681	1081252	9.61%	0.801%
7	9.434	1106	1113	1120	rBV	548951	885227	7.87%	0.656%
8	9.969	1194	1204	1214	rBV	922602	1500504	13.33%	1.112%
9	10.345	1260	1268	1274	rBV	1126609	1811306	16.10%	1.342%
10	10.481	1284	1291	1303	rVV	807605	1339811	11.91%	0.993%
11	13.533	1801	1810	1815	rBV	119945	218682	1.94%	0.162%
12	13.633	1822	1827	1832	rVV	1584214	2138018	19.00%	1.584%
13	13.680	1832	1835	1840	rVB	167298	221701	1.97%	0.164%
14	13.904	1866	1873	1888	rBV	1833353	2844069	25.27%	2.107%
15	14.216	1919	1926	1932	rVV	1739705	2517800	22.37%	1.866%
16	14.280	1932	1937	1945	rVV	549999	816483	7.26%	0.605%
17	14.422	1955	1961	1972	rVV	668708	1020805	9.07%	0.756%
18	14.616	1985	1994	2004	rVV	325853	569629	5.06%	0.422%
19	15.216	2089	2096	2101	rVV	2317524	3309860	29.41%	2.452%
20	15.269	2101	2105	2110	rVV	788305	1079915	9.60%	0.800%
21	15.339	2110	2117	2124	rVV	521299	808232	7.18%	0.599%
22	15.433	2129	2133	2139	rVV3	115758	207071	1.84%	0.153%
23	15.569	2151	2156	2166	rVB	197821	308798	2.74%	0.229%
24	15.716	2175	2181	2189	rVB	199302	406470	3.61%	0.301%
25	16.274	2265	2276	2281	rBV3	156671	359295	3.19%	0.266%
26	16.321	2281	2284	2290	rVV2	91631	136287	1.21%	0.101%
27	16.421	2297	2301	2307	rVV3	70580	128399	1.14%	0.095%
28	16.510	2313	2316	2319	rVV4	106984	161170	1.43%	0.119%
29	16.545	2319	2322	2326	rVV3	112454	179234	1.59%	0.133%
30	16.616	2330	2334	2343	rVV2	126993	234269	2.08%	0.174%
31	16.704	2343	2349	2354	rVV	112934	215072	1.91%	0.159%
32	16.780	2354	2362	2367	rVV	327572	564065	5.01%	0.418%
33	16.963	2387	2393	2396	rBV	1971831	2774186	24.65%	2.056%
34	17.004	2396	2400	2405	rVV	7234139	10234674	90.95%	7.583%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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	17.063	2405	2410	2413	rVV	2488052	3676066	32.67%	2.724%
36	17.092	2413	2415	2421	rVB	1790854	2134428	18.97%	1.581%
37	17.157	2421	2426	2432	rBV4	98530	165972	1.47%	0.123%
38	17.333	2451	2456	2458	rBV	84966	131927	1.17%	0.098%
39	17.363	2458	2461	2466	rVB	256916	326762	2.90%	0.242%
40	17.492	2478	2483	2487	rVV3	127367	194607	1.73%	0.144%
41	17.545	2488	2492	2501	rVB3	80640	149114	1.33%	0.110%
42	17.839	2533	2542	2546	rBV	571893	836339	7.43%	0.620%
43	17.886	2546	2550	2557	rVB	1037972	1401659	12.46%	1.039%
44	17.963	2557	2563	2568	rVB2	319886	457813	4.07%	0.339%
45	18.033	2568	2575	2579	rBV3	1023924	1771169	15.74%	1.312%
46	18.068	2579	2581	2589	rVB	359914	394053	3.50%	0.292%
47	18.345	2623	2628	2631	rVV	497297	691064	6.14%	0.512%
48	18.374	2631	2633	2640	rVB	213838	275992	2.45%	0.204%
49	18.592	2662	2670	2674	rBV	128861	192286	1.71%	0.142%
50	18.645	2674	2679	2682	rVV	108016	156099	1.39%	0.116%
51	18.680	2682	2685	2689	rVB	114075	139128	1.24%	0.103%
52	18.762	2694	2699	2703	rVV2	264187	442579	3.93%	0.328%
53	18.827	2704	2710	2713	rVV3	204092	381090	3.39%	0.282%
54	18.904	2718	2723	2731	rVB4	159425	322228	2.86%	0.239%
55	19.027	2738	2744	2751	rVB	8844069	11252800	100.00%	8.338%
56	19.127	2758	2761	2765	rVB3	102683	147260	1.31%	0.109%
57	19.174	2765	2769	2772	rBV	173510	204822	1.82%	0.152%
58	19.268	2781	2785	2794	rVV	251357	440155	3.91%	0.326%
59	19.362	2795	2801	2803	rVV2	4024944	6151170	54.66%	4.558%
60	19.392	2803	2806	2814	rVV	6526964	8193351	72.81%	6.071%
61	19.462	2814	2818	2825	rVB2	221159	406062	3.61%	0.301%
62	19.568	2832	2836	2842	rBV	327964	400137	3.56%	0.296%
63	19.627	2842	2846	2852	rVB	229631	340519	3.03%	0.252%
64	19.727	2855	2863	2867	rBV2	295406	753313	6.69%	0.558%
65	19.768	2867	2870	2873	rVB	119156	136451	1.21%	0.101%
66	19.851	2880	2884	2886	rBV3	222489	298954	2.66%	0.222%
67	19.886	2886	2890	2895	rVB	886460	1240495	11.02%	0.919%
68	19.945	2896	2900	2903	rBV3	89715	128840	1.14%	0.095%
69	19.986	2903	2907	2911	rBV	719915	919326	8.17%	0.681%
70	20.045	2911	2917	2921	rBV2	438894	631629	5.61%	0.468%
71	20.127	2928	2931	2936	rBV3	101326	148333	1.32%	0.110%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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	20.186	2937	2941	2944	rVB	181982	221997	1.97%	0.164%
73	20.227	2944	2948	2953	rBV3	214511	351970	3.13%	0.261%
74	20.445	2981	2985	2987	rBV3	149818	201320	1.79%	0.149%
75	20.633	3014	3017	3025	rVB2	207053	381188	3.39%	0.282%
76	20.798	3039	3045	3049	rBV2	419845	675141	6.00%	0.500%
77	20.839	3049	3052	3055	rBV	403975	436649	3.88%	0.324%
78	20.892	3055	3061	3065	rBV3	825304	1397424	12.42%	1.035%
79	21.145	3098	3104	3109	rBV2	3942182	7652236	68.00%	5.670%
80	21.192	3109	3112	3119	rVB	2655624	3223289	28.64%	2.388%
81	21.303	3128	3131	3135	rBV	575018	693045	6.16%	0.514%
82	21.339	3135	3137	3141	rVB2	256173	282665	2.51%	0.209%
83	21.409	3146	3149	3153	rVB2	222643	301339	2.68%	0.223%
84	21.456	3153	3157	3163	rBV2	357821	617160	5.48%	0.457%
85	21.692	3194	3197	3201	rVV	404538	533969	4.75%	0.396%
86	21.745	3203	3206	3207	rVV	192135	232583	2.07%	0.172%
87	21.762	3207	3209	3213	rVB	325687	372966	3.31%	0.276%
88	21.880	3226	3229	3232	rBV	217039	305594	2.72%	0.226%
89	21.915	3232	3235	3239	rVB3	323530	423982	3.77%	0.314%
90	22.209	3281	3285	3290	rVB2	486102	660407	5.87%	0.489%
91	22.674	3358	3364	3380	rBV	2165753	6619794	58.83%	4.905%
92	22.833	3387	3391	3397	rVB	424186	675796	6.01%	0.501%
93	23.121	3435	3440	3444	rBV	1030054	1857310	16.51%	1.376%
94	23.174	3444	3449	3453	rVV	2366040	4329064	38.47%	3.208%
95	23.215	3453	3456	3465	rVB2	2003672	3738305	33.22%	2.770%
96	23.309	3465	3472	3476	rBV	1778335	3297396	29.30%	2.443%
97	23.350	3476	3479	3487	rVB	565684	970106	8.62%	0.719%
98	23.856	3561	3565	3571	rVB	424349	723921	6.43%	0.536%
99	25.433	3827	3833	3843	rVB2	973894	2523044	22.42%	1.869%
100	26.080	3937	3943	3957	rVB2	485654	1466920	13.04%	1.087%

Sum of corrected areas: 134962803

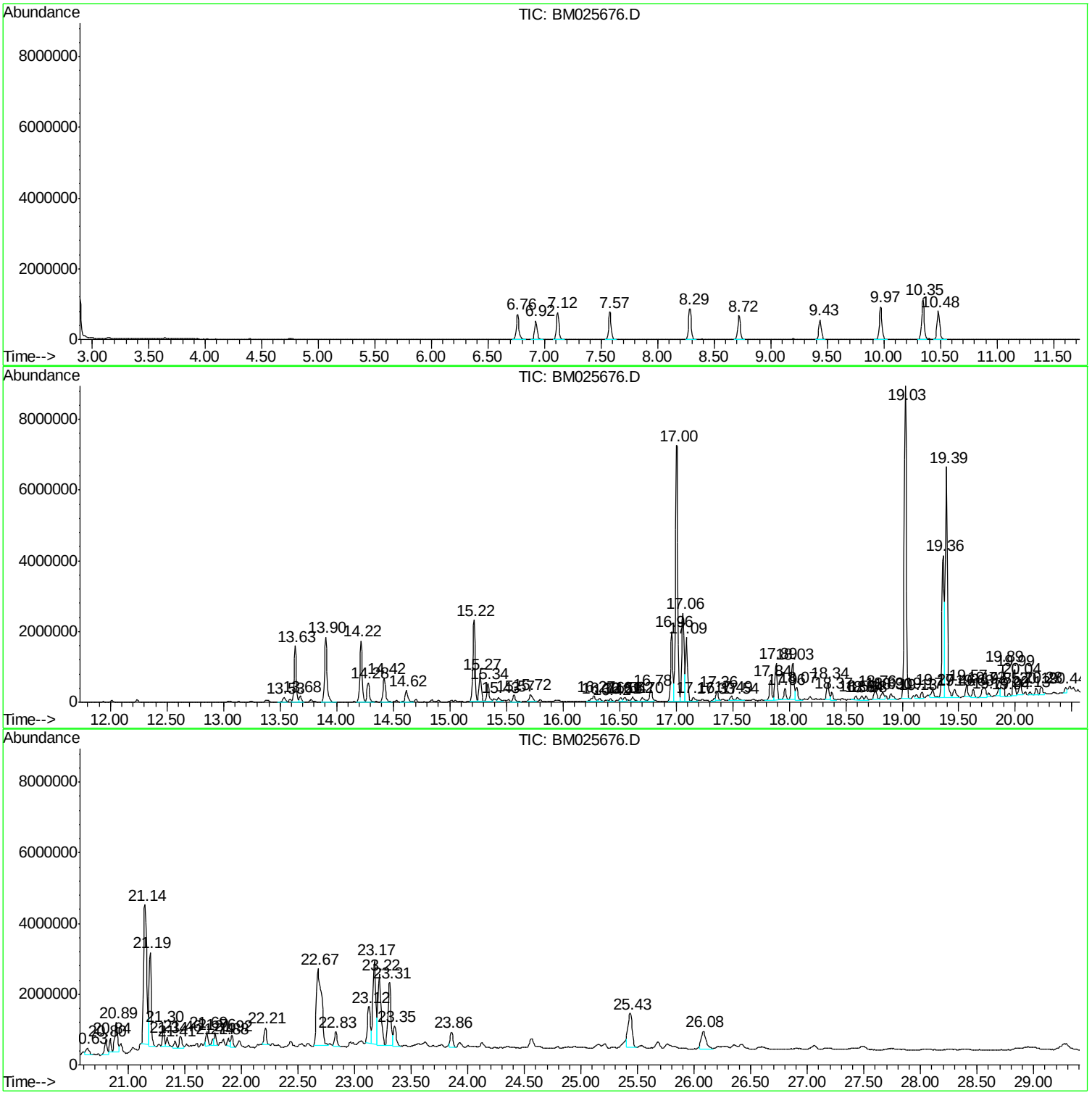
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

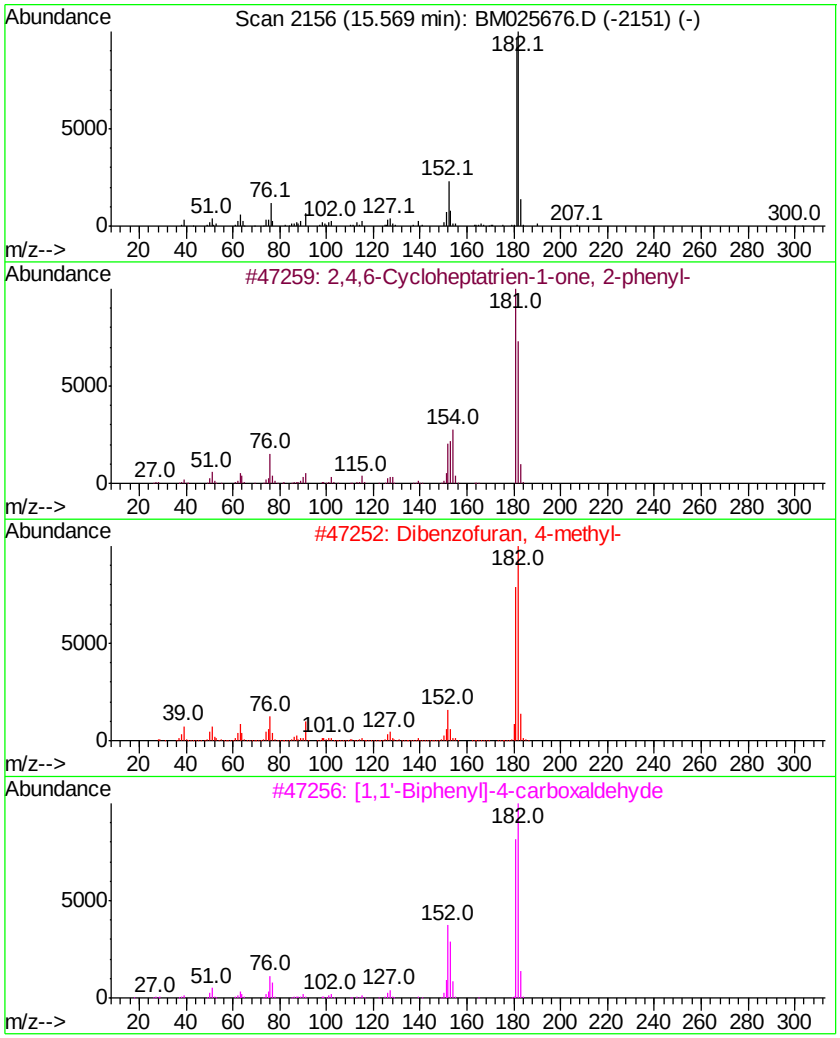
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

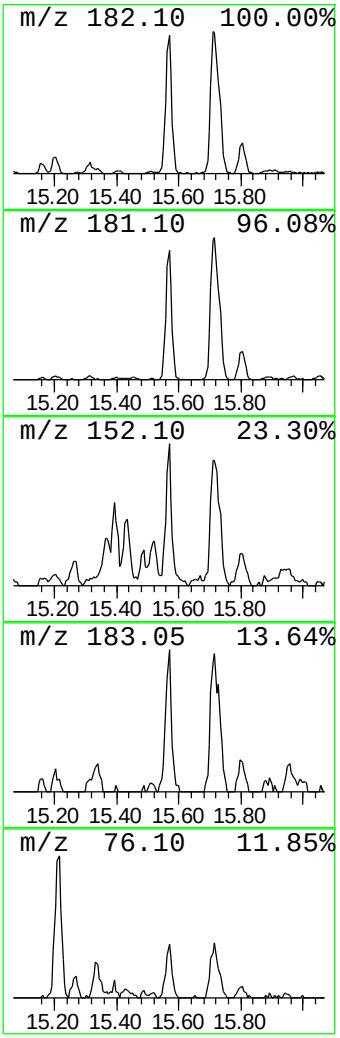
****

Peak Number 1 2,4,6-Cycloheptatrien-1-one... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.45 ng/ul	308798	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

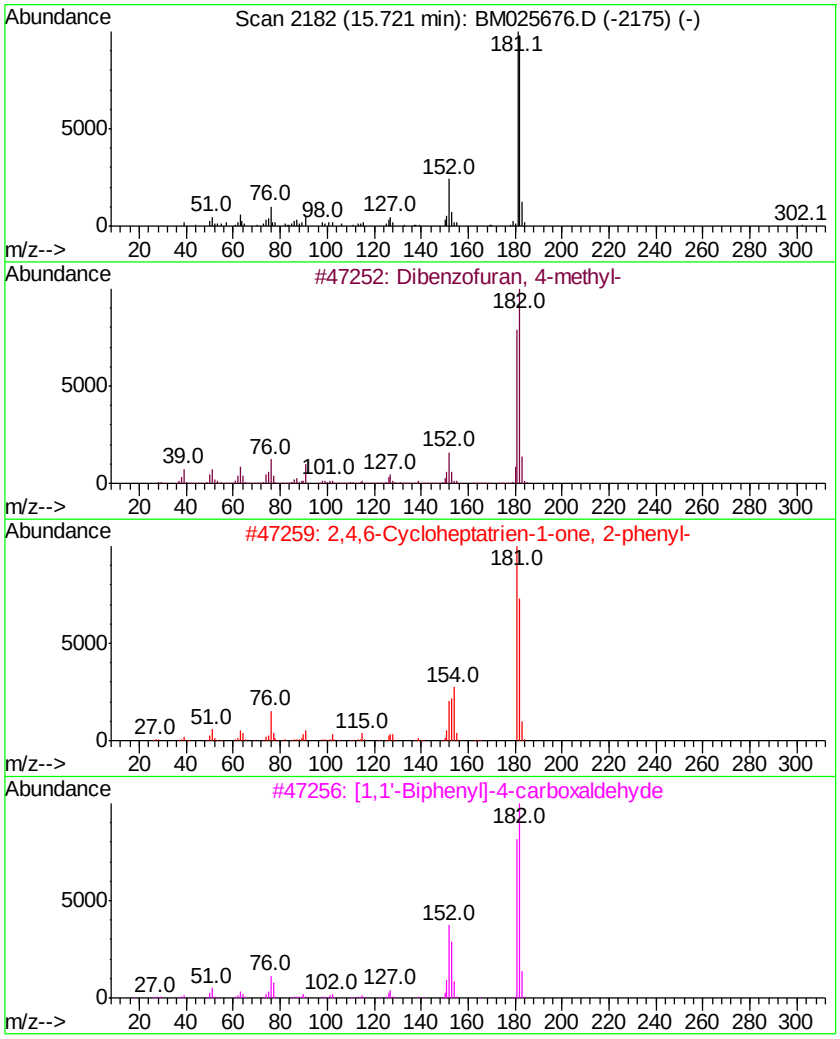
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

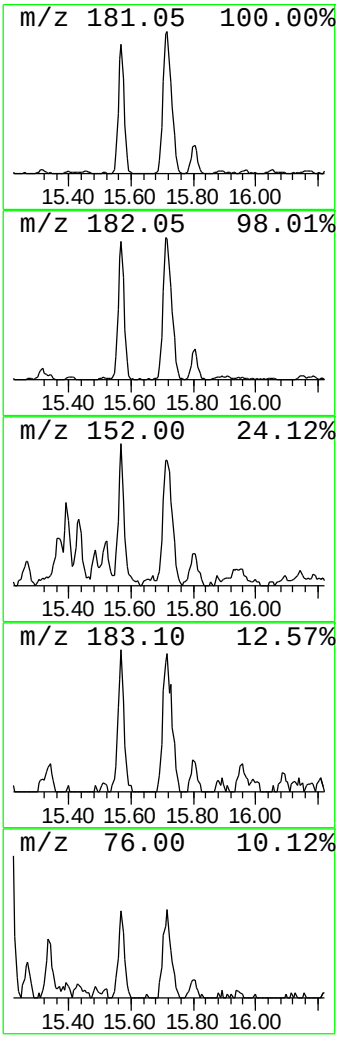
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.93 ng/ul	406470	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Xanthene	182	C13H10O	000092-83-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

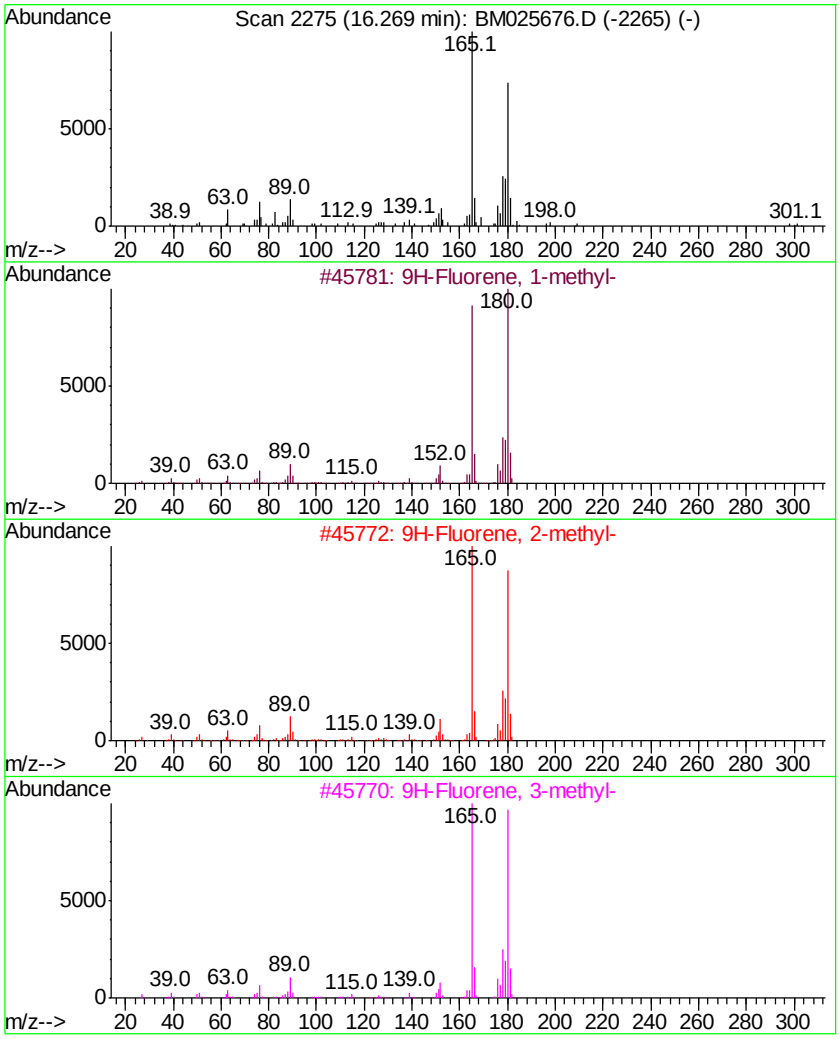
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

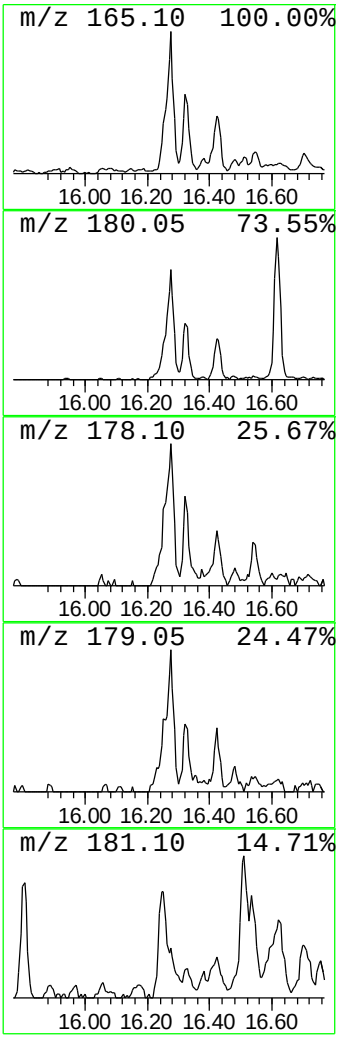
****

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.59 ng/ul	359295	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

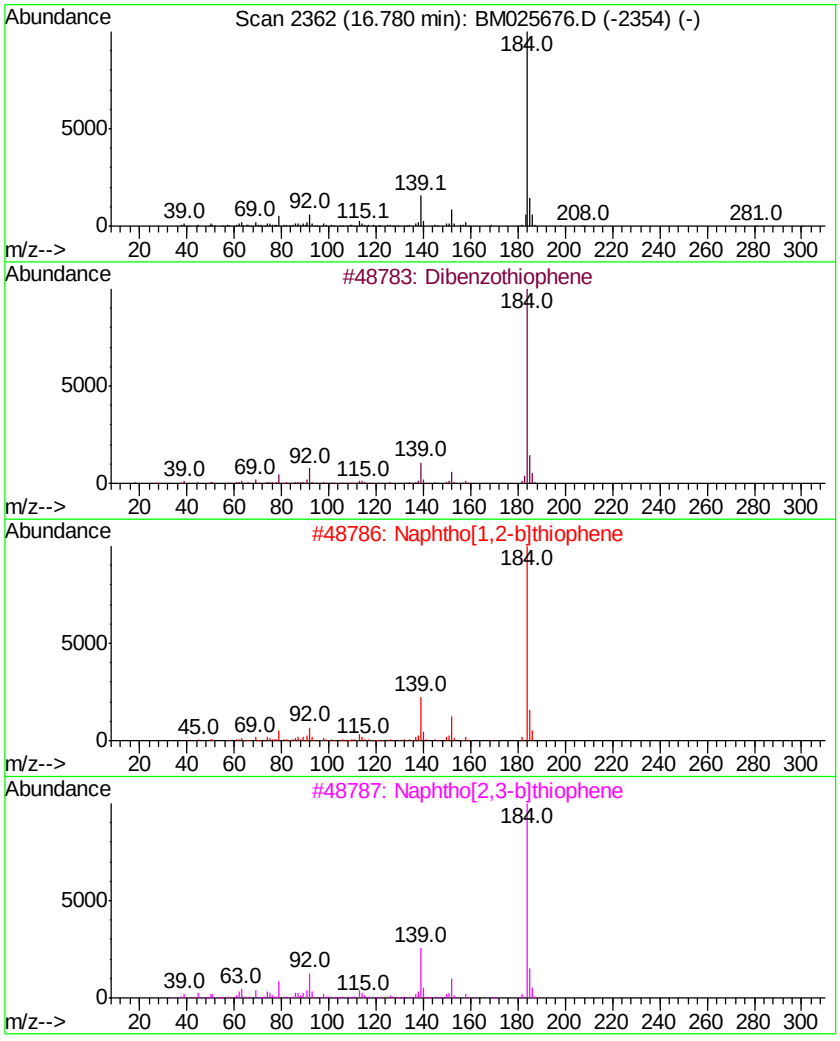
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

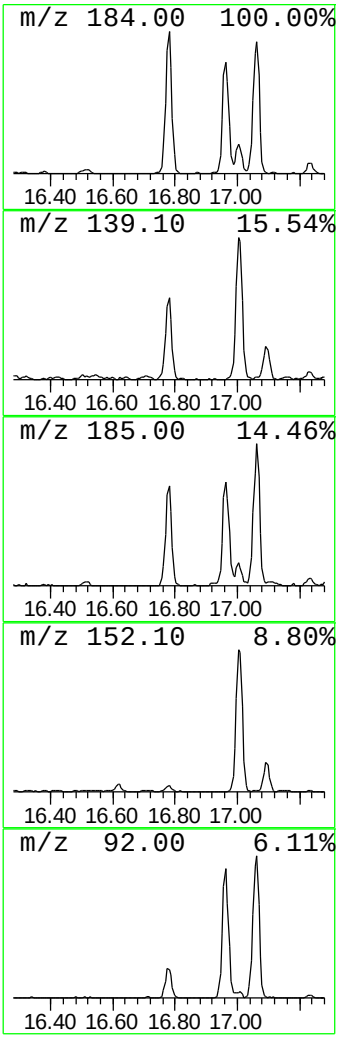
****

Peak Number 4 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	4.07 ng/ul	564065	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

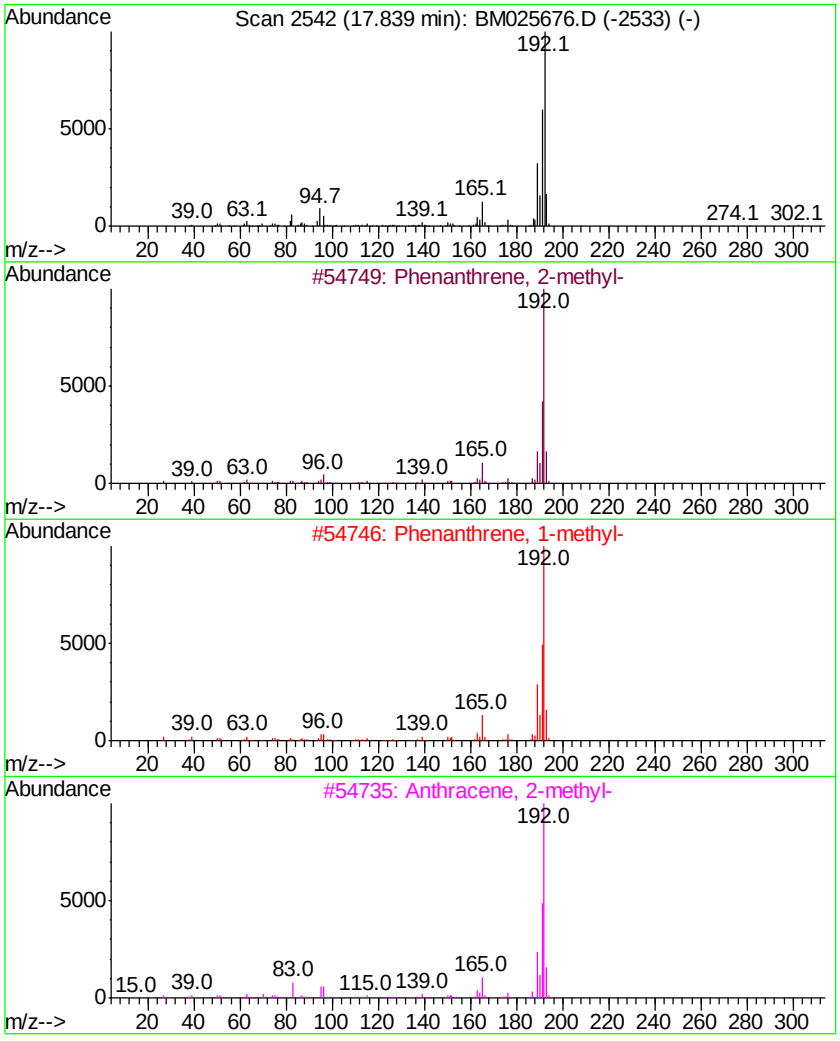
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

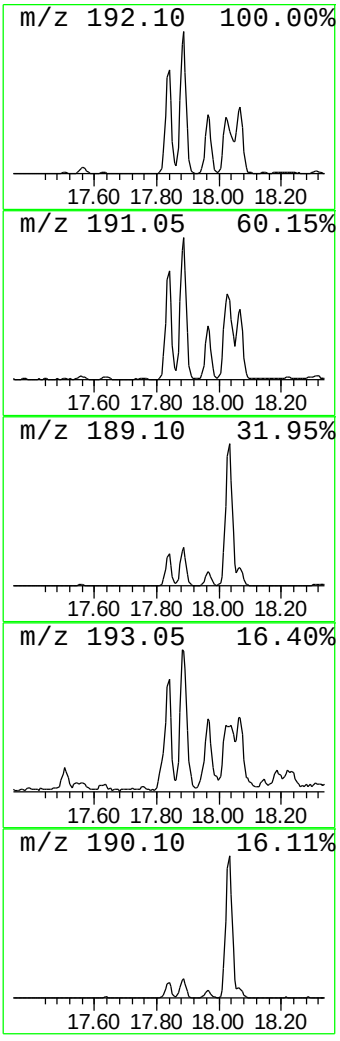
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	6.03 ng/ul	836339	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

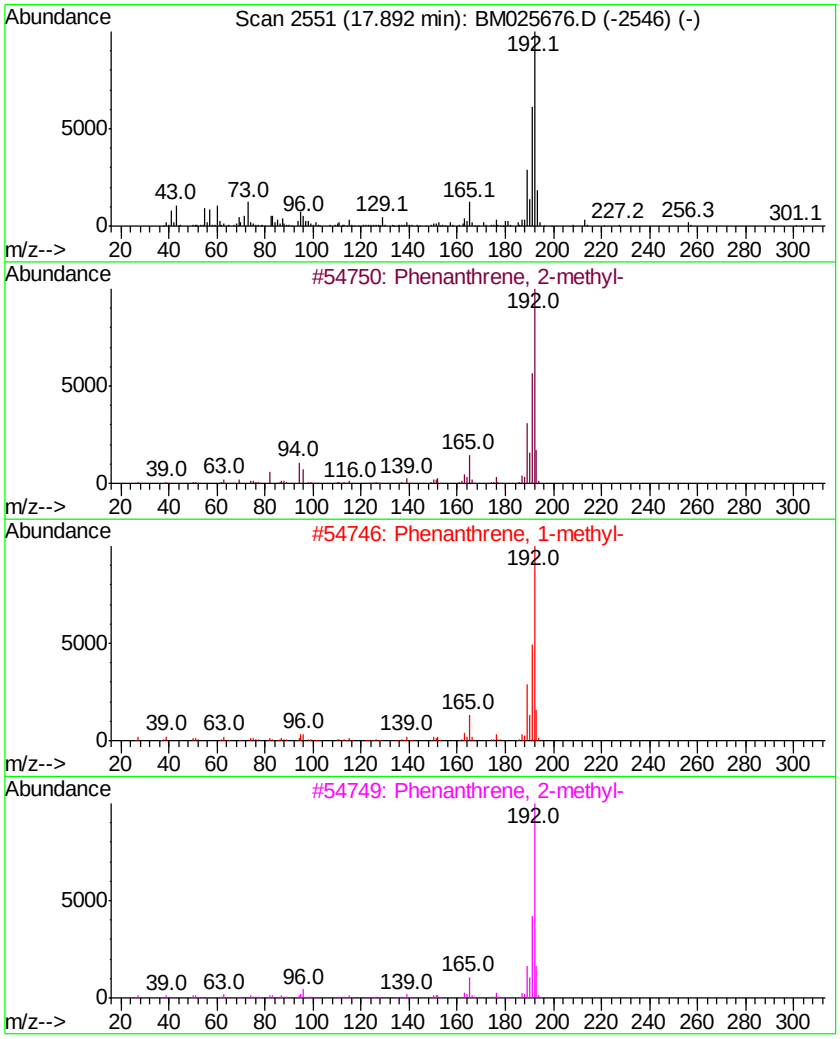
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

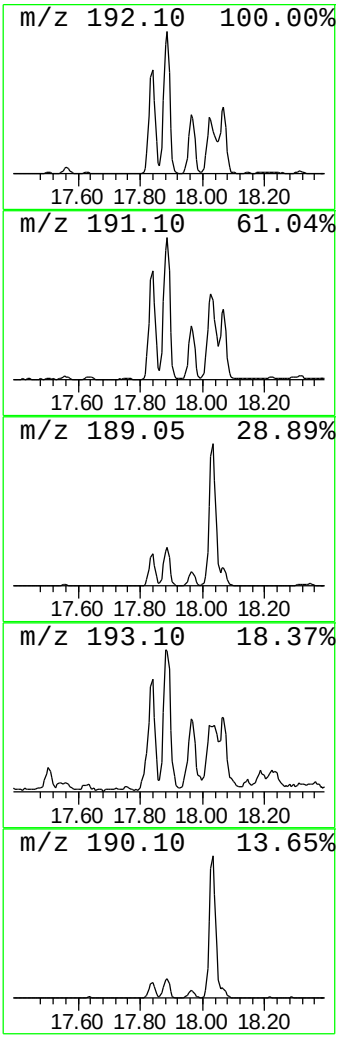
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	10.11 ng/ul	1401660	Phenanthrene-d10	16.96

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

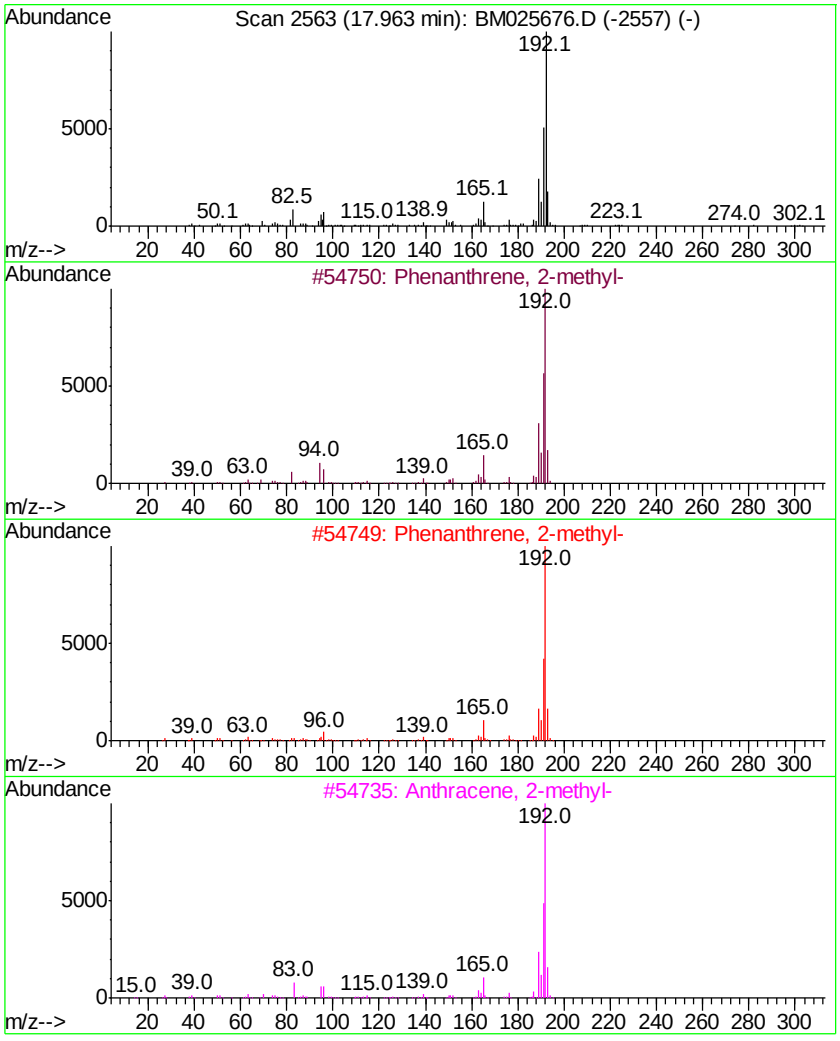
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

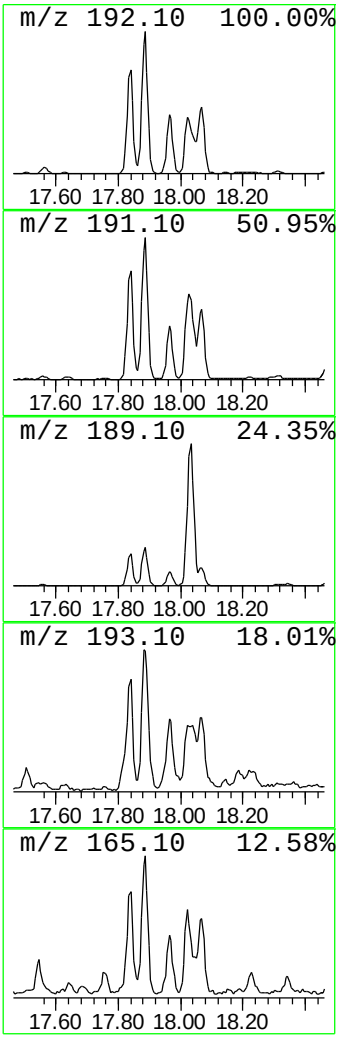
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.30 ng/ul	457813	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

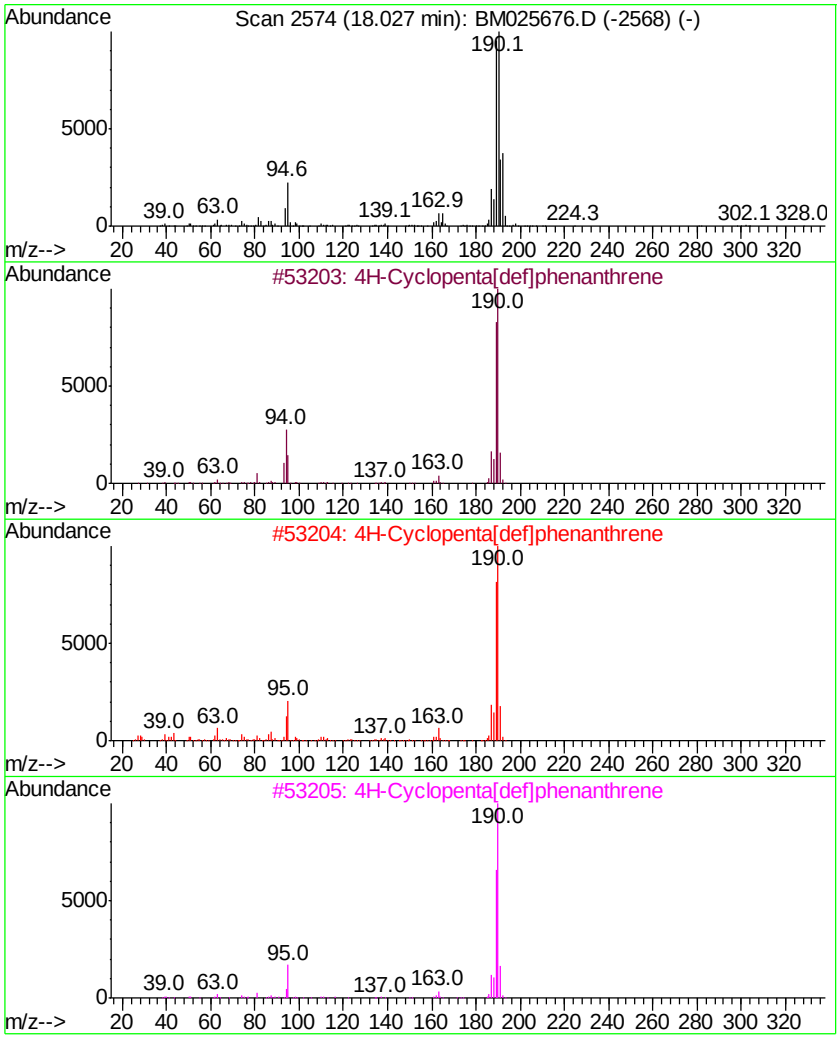
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

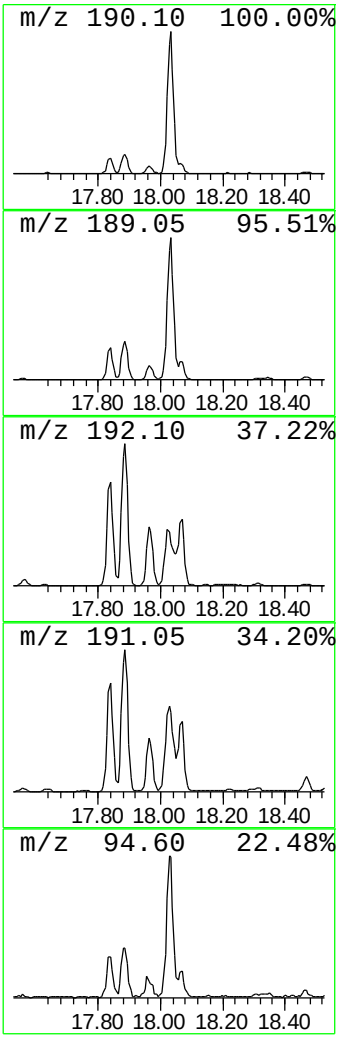
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	12.77 ng/ul	1771170	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	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

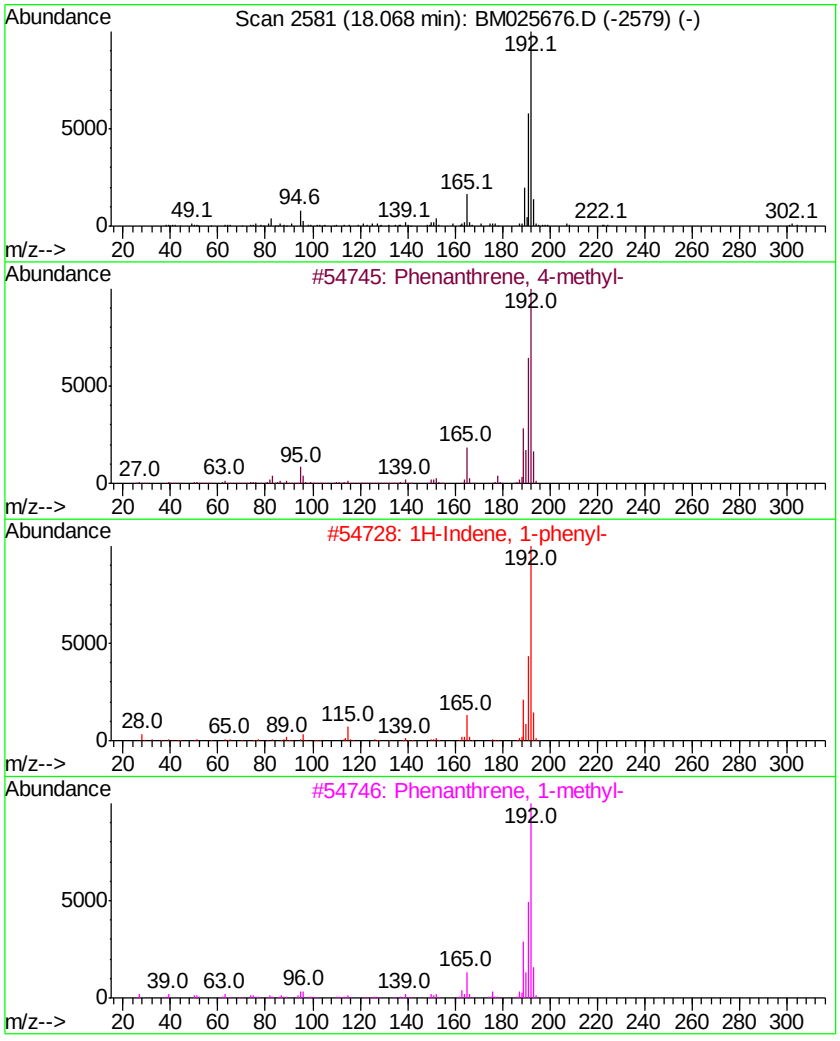
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

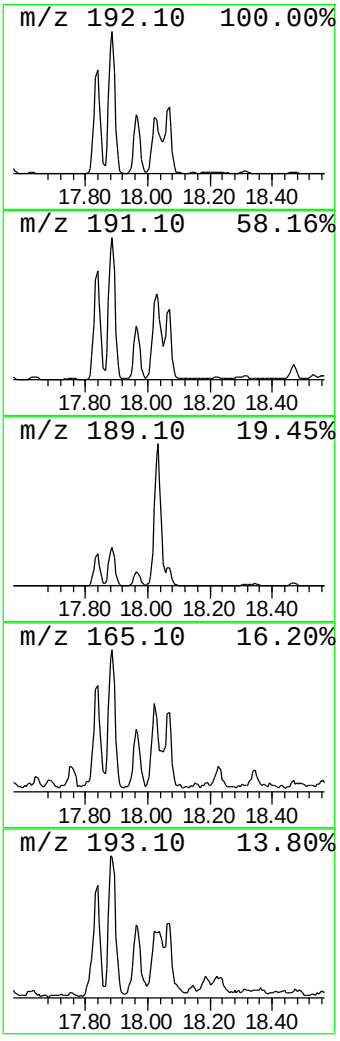
****

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.84 ng/ul	394053	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	74
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

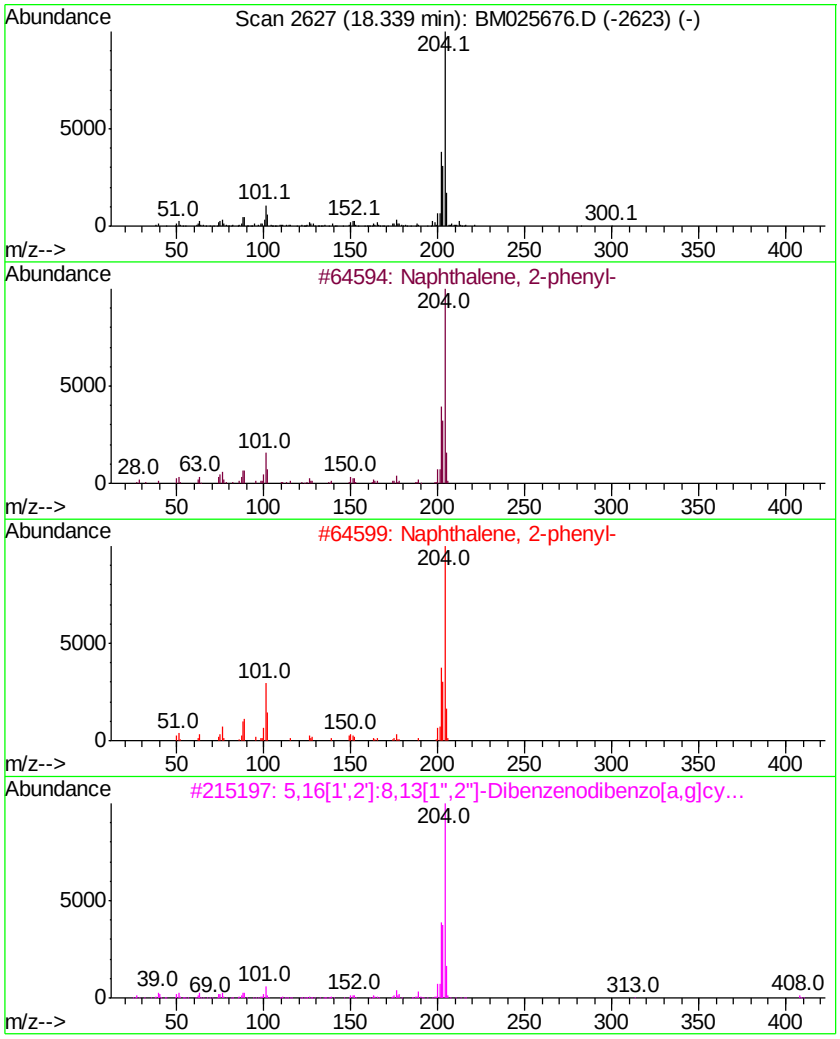
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

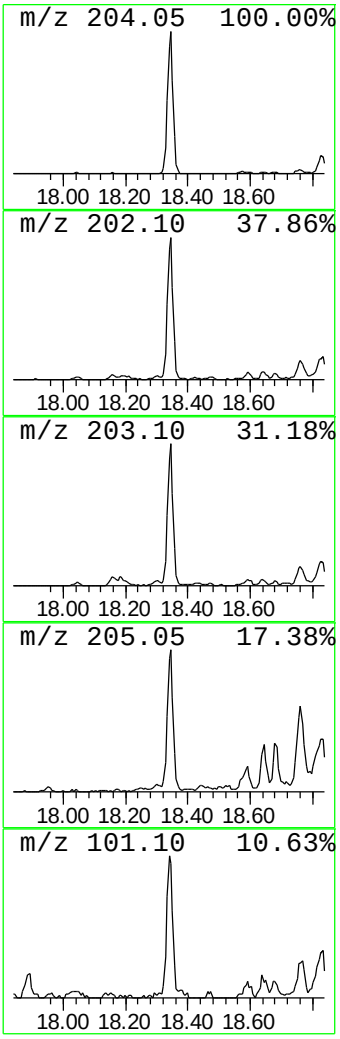
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.98 ng/ul	691064	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

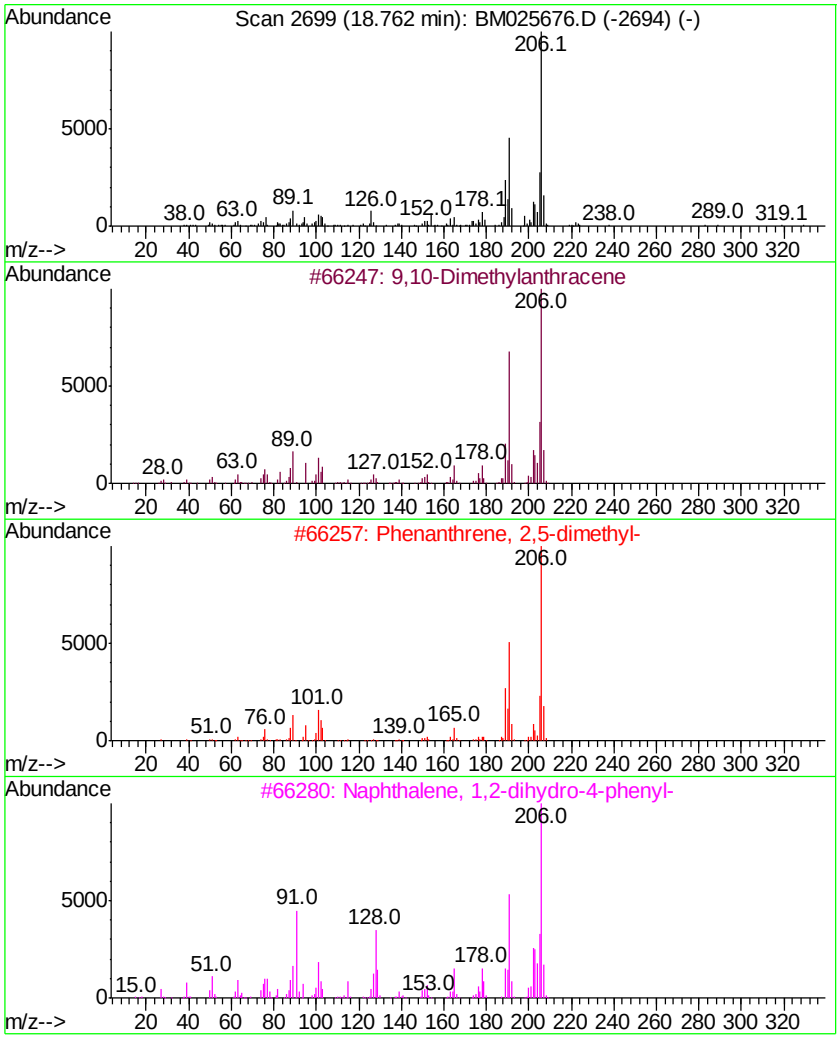
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

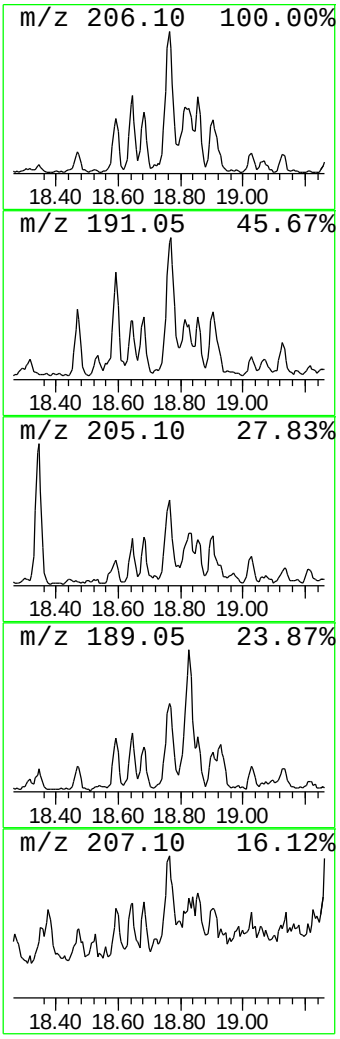
****

Peak Number 11 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.19 ng/ul	442579	Phenanthrene-d10	16.96

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	95
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

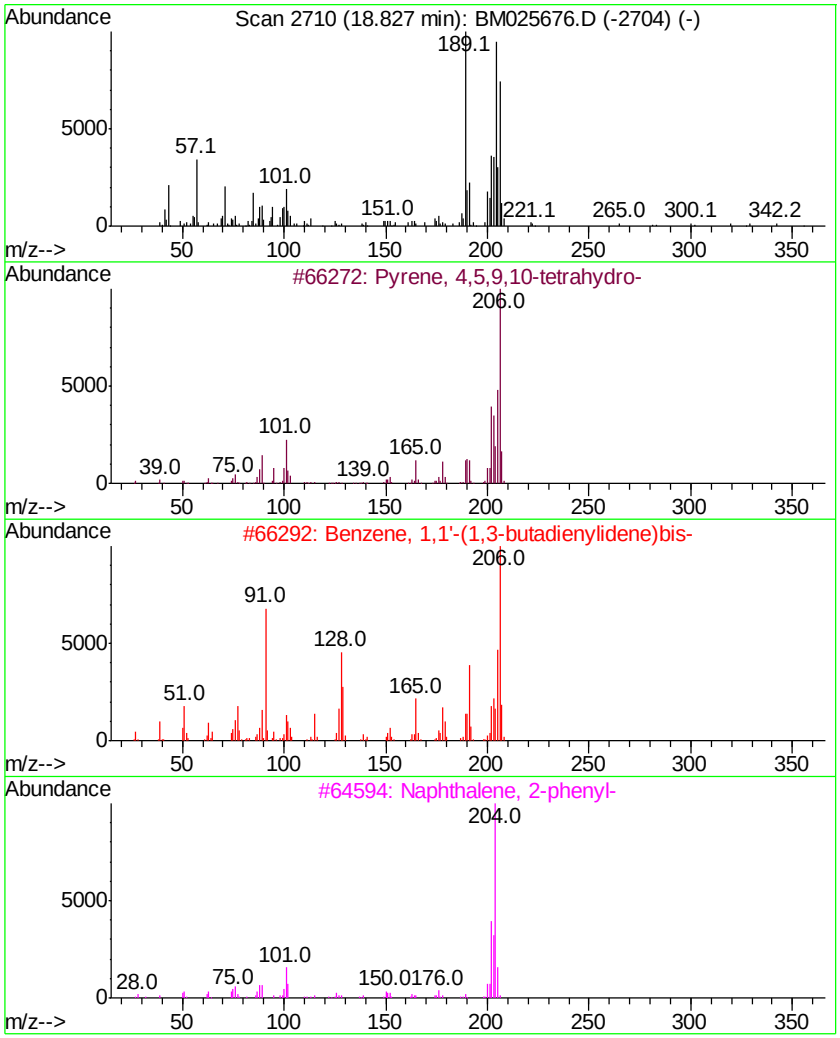
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

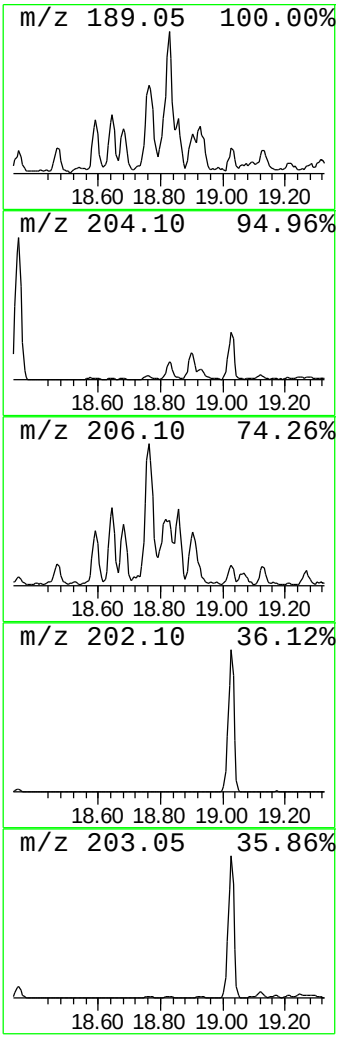
****

Peak Number 12 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.75 ng/ul	381090	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	38
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	35
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

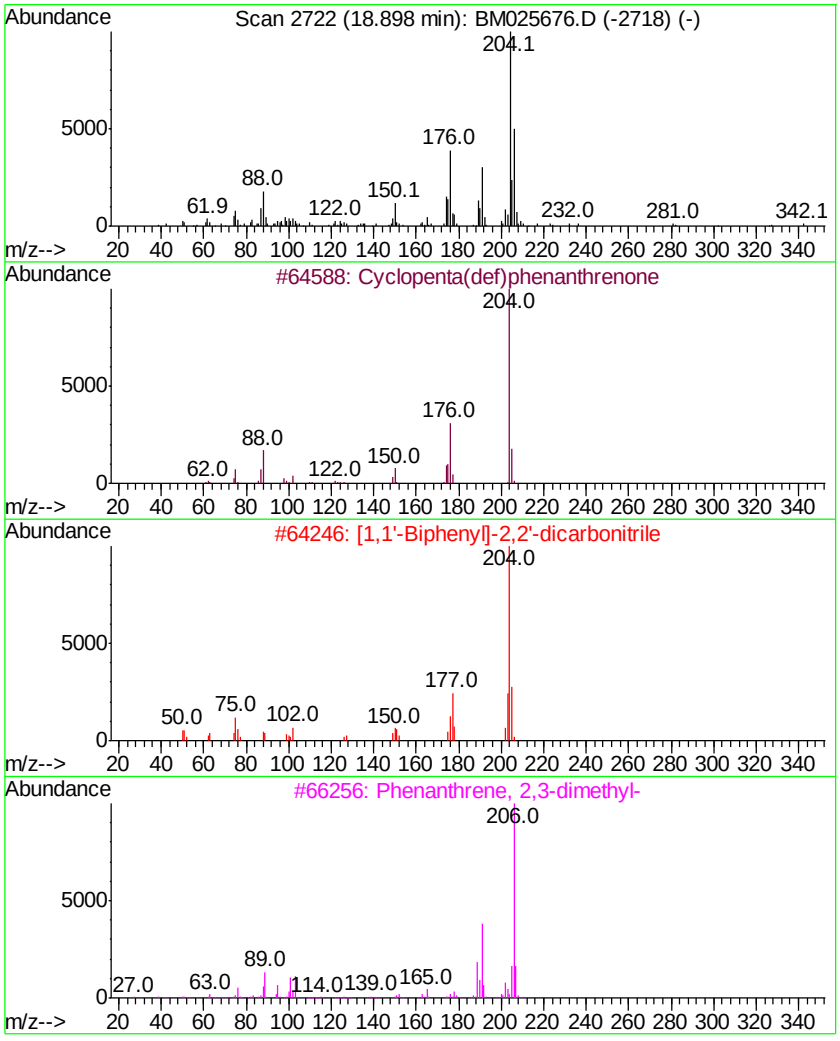
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

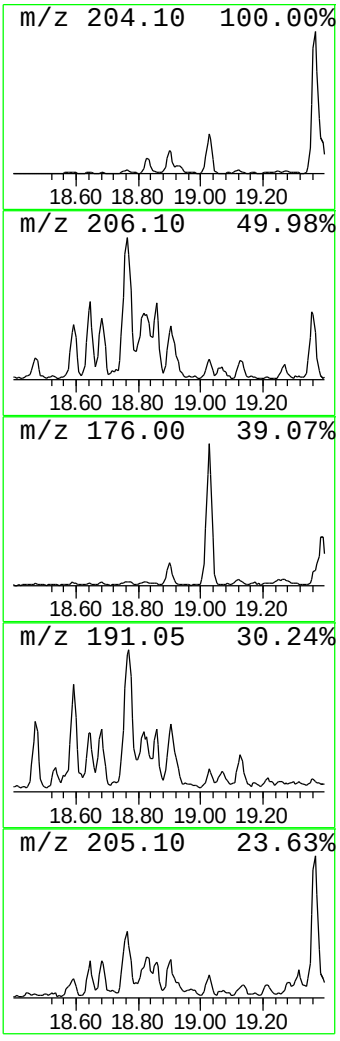
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.32 ng/ul	322228	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	42
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

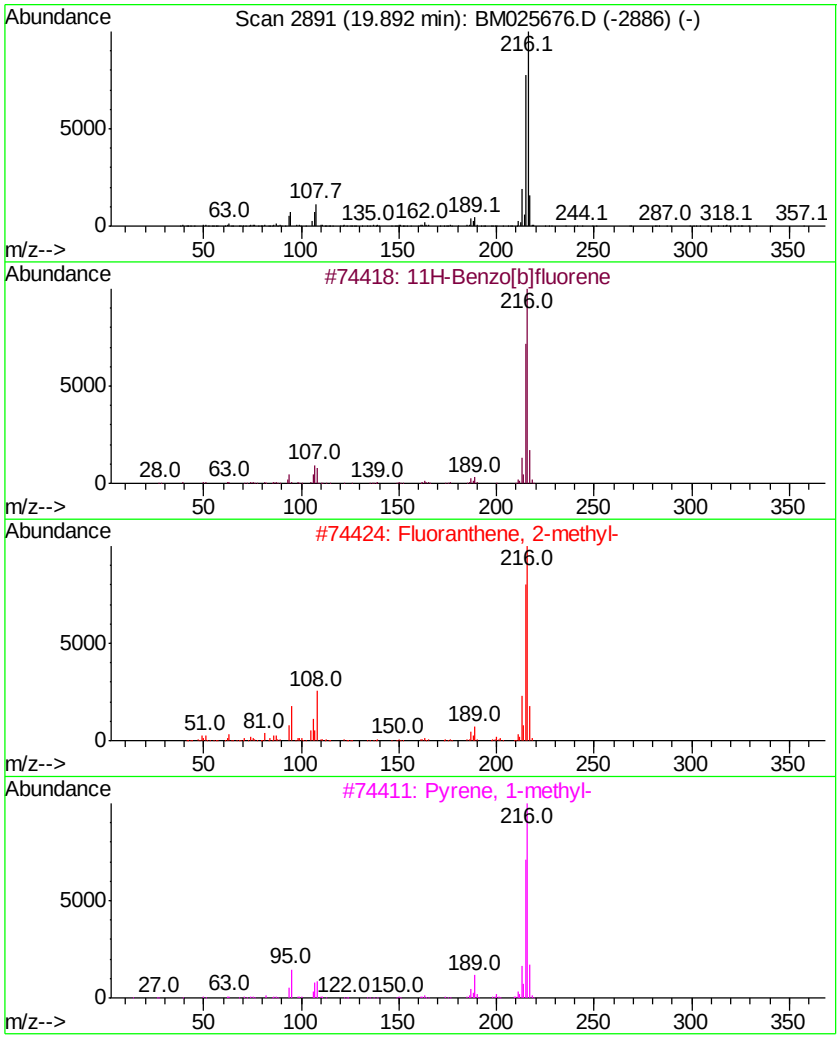
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

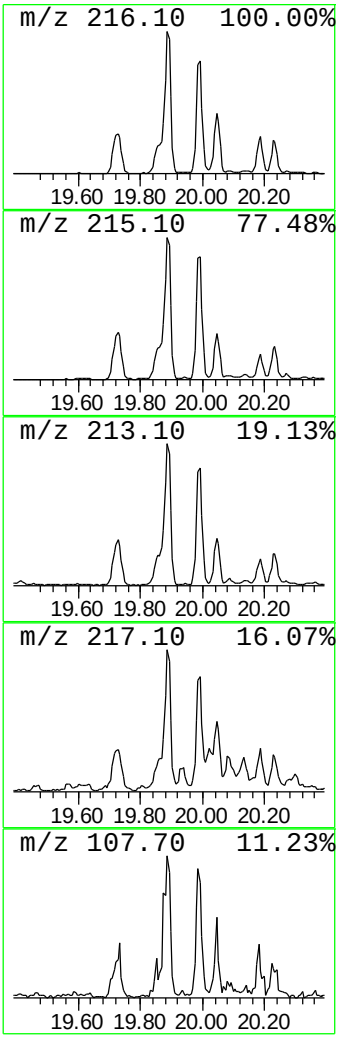
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	3.24 ng/ul	1240500	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

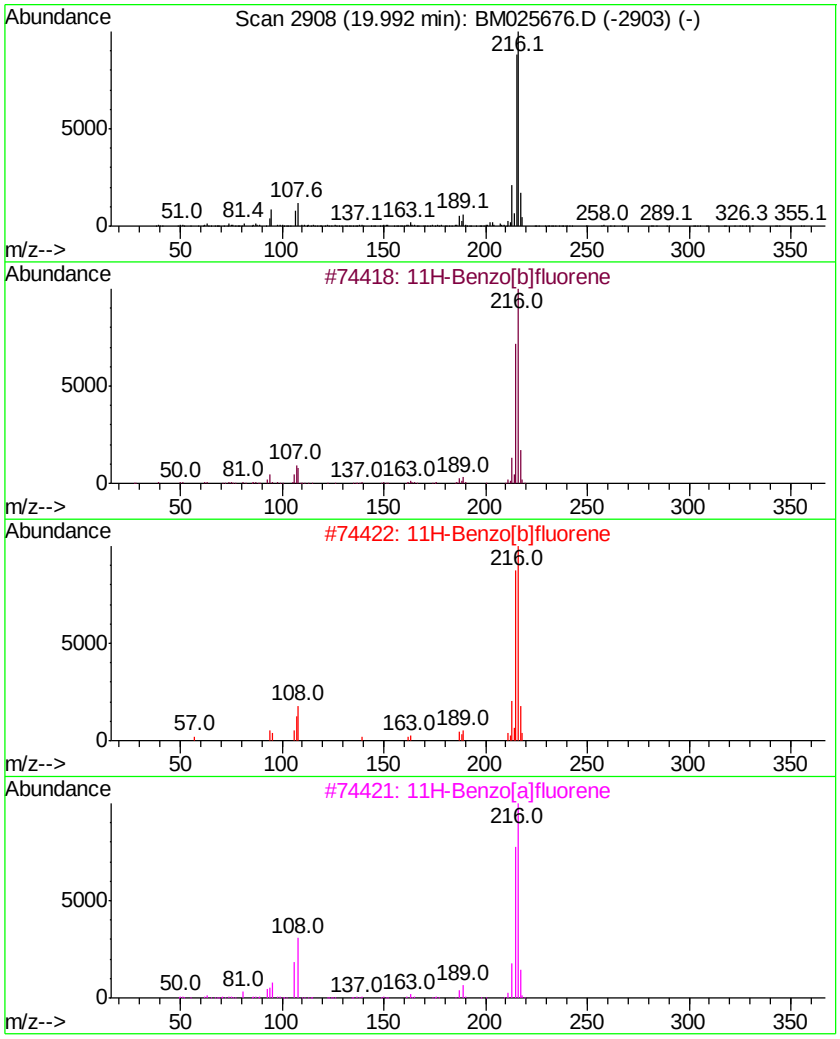
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

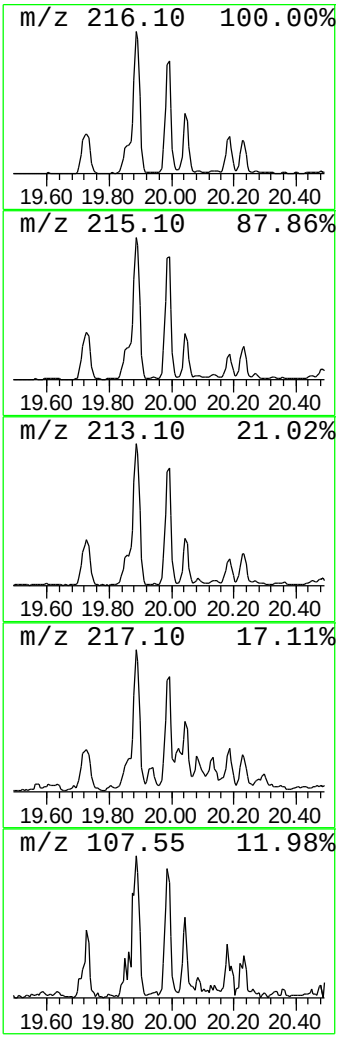
****

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.40 ng/ul	919326	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

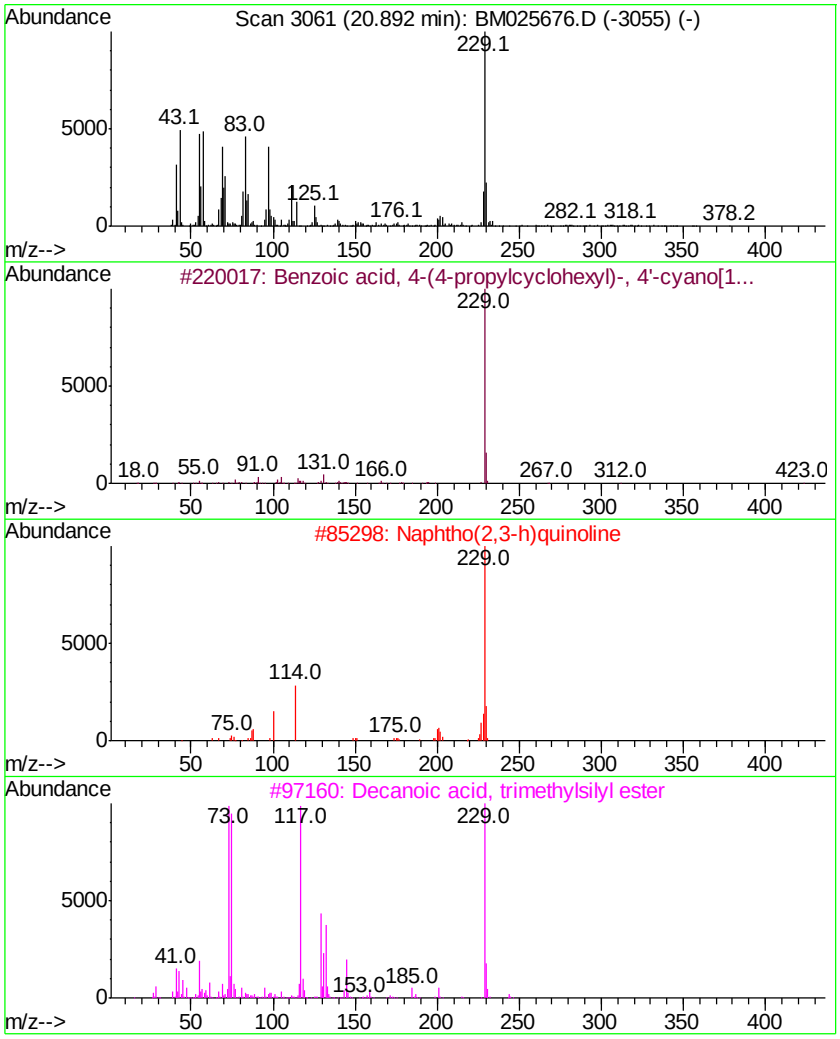
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

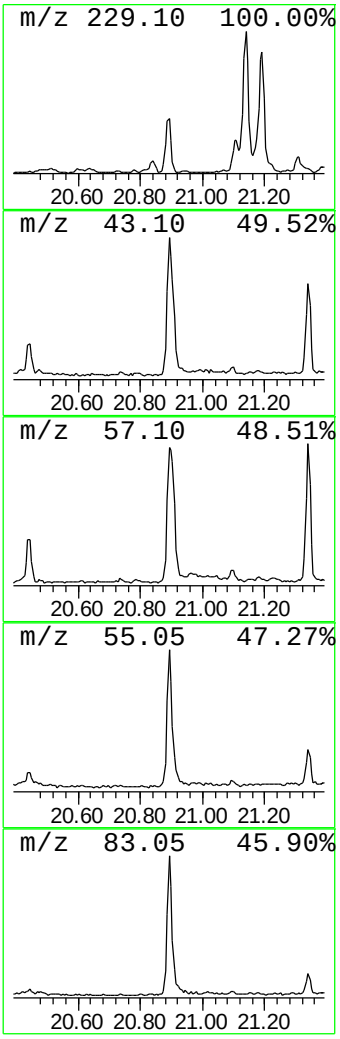
****

Peak Number 16 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.65 ng/ul	1397420	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-(4-propylcyclohe...	423	C29H29NO2	082406-83-5	27
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	27
3	Decanoic acid, trimethylsilyl ester	244	C13H28O2Si	055494-15-0	27
4	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	25
5	Malononitrile, 2-indeno[1,2-b]py...	229	C15H7N3	1000316-60-9	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

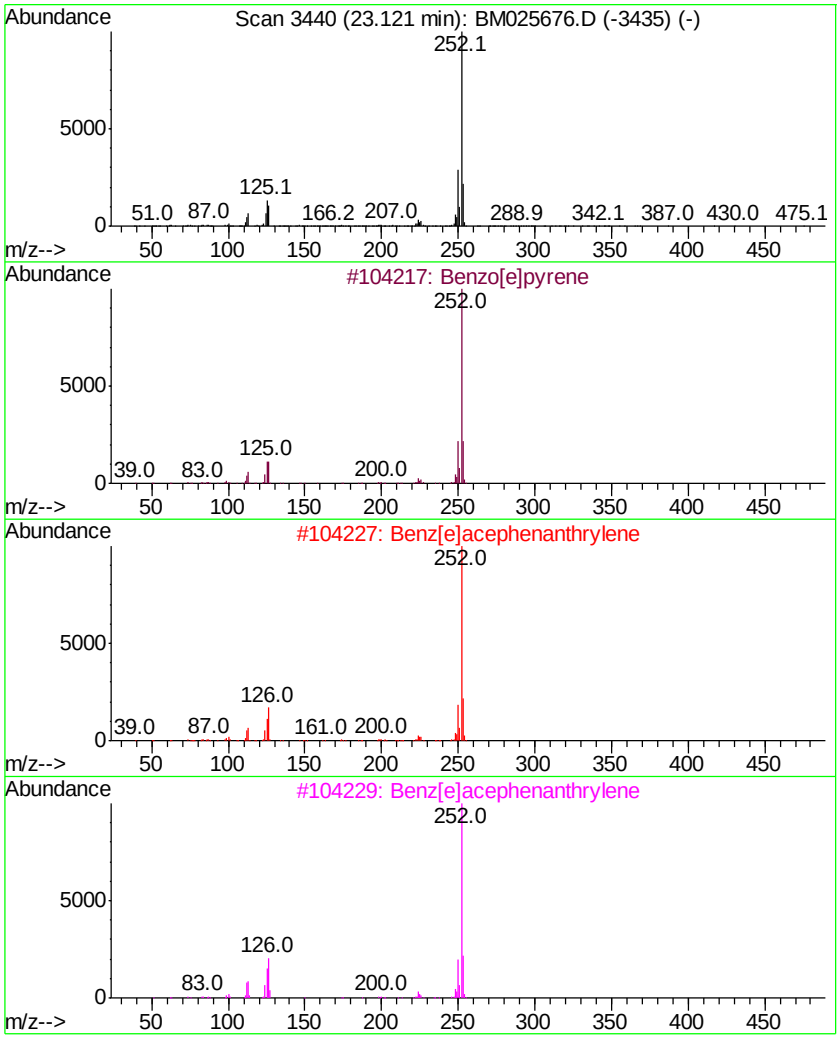
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

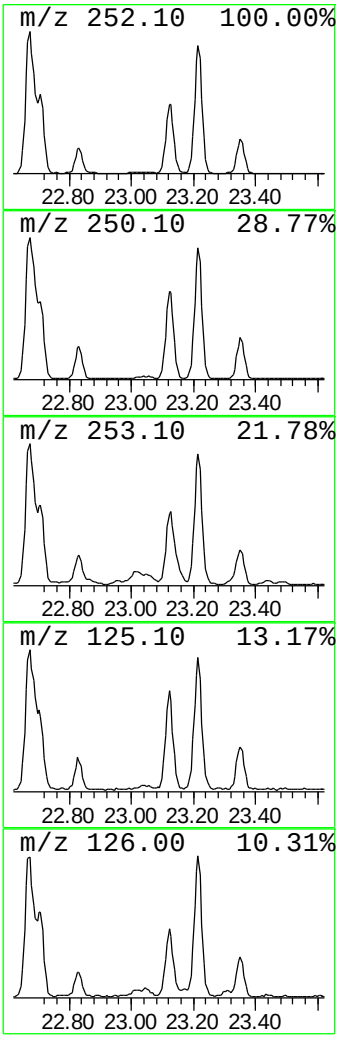
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	11.27 ng/ul	1857310	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Perylene	252	C20H12	000198-55-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

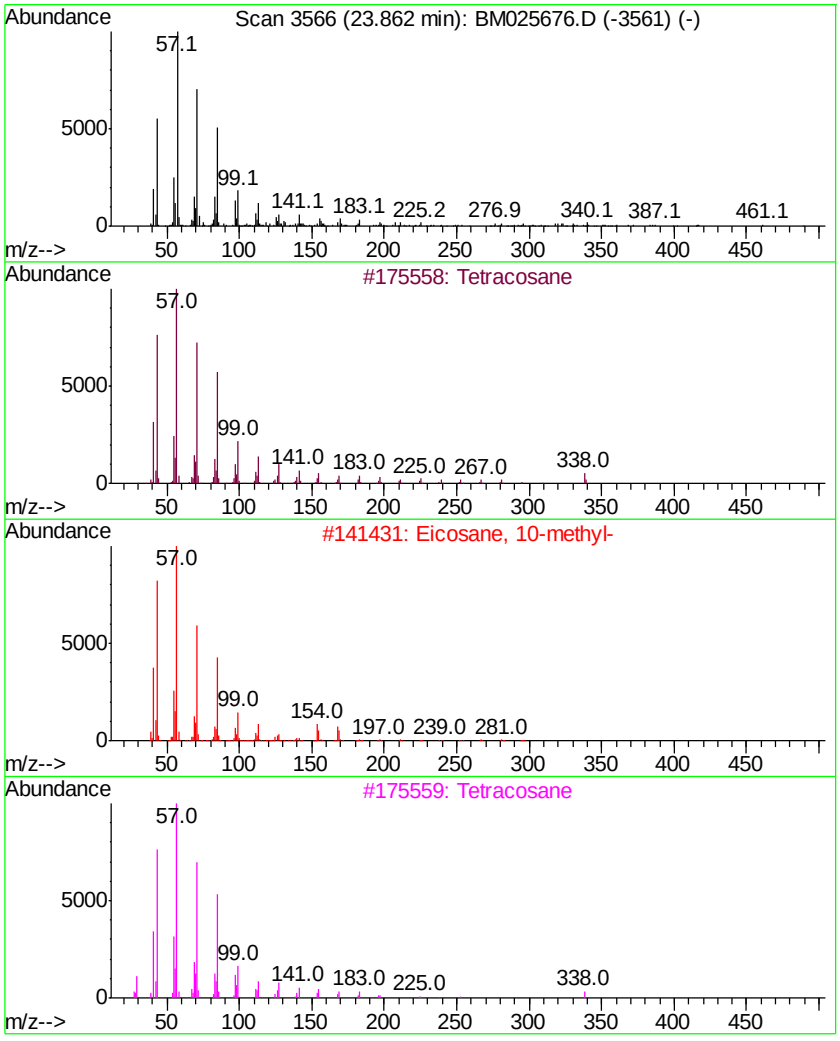
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

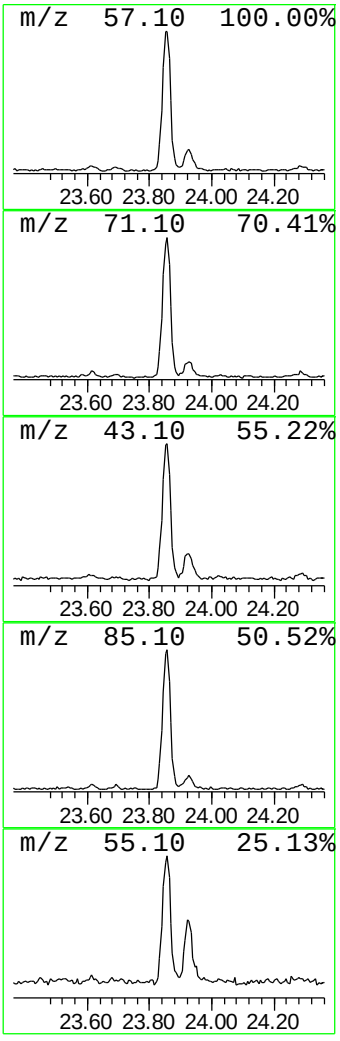
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	4.39 ng/ul	723921	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032020\
Data File : BM025676.D
Acq On : 21 Mar 2020 00:20
Operator : CG/JU
Sample : L1972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG9

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4,6-Cycloheptat...	15.57	2.5	ng/ul	308798	3	14.22	2517800	20.0
Dibenzofuran, 4-m...	15.72	2.9	ng/ul	406470	4	16.96	2774190	20.0
9H-Fluorene, 1-me...	16.27	2.6	ng/ul	359295	4	16.96	2774190	20.0
Dibenzothiophene	16.78	4.1	ng/ul	564065	4	16.96	2774190	20.0
Phenanthrene, 2-m...	17.84	6.0	ng/ul	836339	4	16.96	2774190	20.0
Phenanthrene, 1-m...	17.89	10.1	ng/ul	1401660	4	16.96	2774190	20.0
Anthracene, 2-met...	17.96	3.3	ng/ul	457813	4	16.96	2774190	20.0
4H-Cyclopenta[def...	18.03	12.8	ng/ul	1771170	4	16.96	2774190	20.0
Phenanthrene, 4-m...	18.07	2.8	ng/ul	394053	4	16.96	2774190	20.0
Naphthalene, 2-ph...	18.34	5.0	ng/ul	691064	4	16.96	2774190	20.0
9,10-Dimethylanth...	18.76	3.2	ng/ul	442579	4	16.96	2774190	20.0
unknown-01	18.83	2.8	ng/ul	381090	4	16.96	2774190	20.0
Cyclopenta(def)ph...	18.90	2.3	ng/ul	322228	4	16.96	2774190	20.0
11H-Benzo[b]fluorene	19.89	3.2	ng/ul	1240500	5	21.16	7652240	20.0
11H-Benzo[a]fluorene	19.99	2.4	ng/ul	919326	5	21.16	7652240	20.0
unknown-02	20.89	3.6	ng/ul	1397420	5	21.16	7652240	20.0
Benzo[e]pyrene	23.12	11.3	ng/ul	1857310	6	23.31	3297400	20.0
(DEL) Alkane: Str...	23.86	4.4	ng/ul	723921	6	23.31	3297400	20.0