LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

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-BM051619MA.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	3.875	146	151	161	rVB	655732	955460	8.86%	0.829%
2	6.857	652	658	669	rVB	159956	295893	2.74%	0.257%
3	7.022	681	686	694	rVB	130164	211918	1.97%	0.184%
4	7.210	712	718	726	rVB	188198	299115	2.77%	0.260%
5	7.675	792	797	810	rVB	276966	460907	4.28%	0.400%
6	8.393	913	919	926	rBV	161466	272720	2.53%	0.237%
7	8.846	991	996	1008	rVB	157647	277180	2.57%	0.241%
8	9.563	1112	1118	1127	rBV	142924	238787	2.22%	0.207%
9	10.098	1203	1209	1219	rBV	217319	364488	3.38%	0.316%
10	10.469	1266	1272	1277	rBV	380182	626698	5.81%	0.544%
11	10.622	1292	1298	1310	rBV	100964	204930	1.90%	0.178%
12	12.139	1550	1556	1562	rBV	96313	144318	1.34%	0.125%
13	13.651	1807	1813	1818	rBV	109392	198022	1.84%	0.172%
14	13.751	1825	1830	1834	rVV	408417	561275	5.21%	0.487%
15	13.798	1834	1838	1844	rVV	130280	176810	1.64%	0.153%
16	14.033	1872	1878	1881	rBV	432808	690876	6.41%	0.600%
17	14.339	1919	1930	1936	rVV2	584239	947558	8.79%	0.823%
18	14.404	1936	1941	1949	rVB	319001	482021	4.47%	0.418%
19	14.575	1959	1970	1975	rBV5	75682	191526	1.78%	0.166%
20	14.739	1988	1998	2006	rVV	347970	547134	5.08%	0.475%
21	15.333	2090	2099	2104	rVV	586845	868006	8.05%	0.753%
22	15.392	2104	2109	2119	rVB	480488	746751	6.93%	0.648%
23	15.486	2119	2125	2128	rBV	144058	231886	2.15%	0.201%
24	15.551	2133	2136	2140	rVV	85540	129512	1.20%	0.112%
25	15.680	2154	2158	2165	rVB	191372	290742	2.70%	0.252%
26	15.827	2179	2183	2191	rVV	217903	414917	3.85%	0.360%
27	16.063	2213	2223	2235	rVB6	56923	150888	1.40%	0.131%
28	16.398	2268	2280	2284	rBV4	161104	371893	3.45%	0.323%
29	16.622	2309	2318	2321	rBV3	149843	288095	2.67%	0.250%
30	16.663	2321	2325	2328	rVV3	130297	188288	1.75%	0.163%
31	16.751	2335	2340	2346	rVB	225922	342091	3.17%	0.297%
32	16.822	2346	2352	2358	rBV	148989	290232	2.69%	0.252%
33	16.910	2363	2367	2375	rVB	291375	452570	4.20%	0.393%
34	17.092	2393	2398	2401	rBV	754627	1110809	10.30%	0.964%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

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-BM051619MA.M
Title : SVOA CALIBRATION

35	17.139	2401	2406	2411	rVV	4945660	6844548	63.49%	5.942%
36	17.192	2411	2415	2418	rVV	654158	952864	8.84%	0.827%
37	17.227	2418	2421	2426	rVV	1255040	1609393	14.93%	1.397%
38	17.510	2459	2469	2475	rBV3	341443	783301	7.27%	0.680%
39	17.610	2482	2486	2492	rBV2	135193	216854	2.01%	0.188%
40	17.674	2492	2497	2504	rVB5	111204	241046	2.24%	0.209%
41	17.810	2517	2520	2529	rVB4	78187	148520	1.38%	0.129%
42	17.968	2538	2547	2551	rBV	663852	1063082	9.86%	0.923%
43	18.016	2551	2555	2561	rVB	912652	1264597	11.73%	1.098%
44	18.098	2564	2569	2574	rVB	519088	703946	6.53%	0.611%
45	18.163	2574	2580	2584	rBV2	978809	1827494	16.95%	1.586%
46	18.198	2584	2586	2593	rVB	486807	610292	5.66%	0.530%
47	18.468	2627	2632	2637	rVB	566313	782183	7.26%	0.679%
48	18.527	2637	2642	2647	rBV	297579	413791	3.84%	0.359%
49	18.715	2666	2674	2679	rBV4	183616	344252	3.19%	0.299%
50	18.768	2679	2683	2686	rVV	191232	251807	2.34%	0.219%
51	18.810	2686	2690	2693	rVB	181823	238142	2.21%	0.207%
52	18.886	2698	2703	2707	rBV	453414	756254	7.02%	0.656%
53	18.957	2712	2715	2717	rVV3	309798	423888	3.93%	0.368%
54	18.980	2717	2719	2723	rVV	218547	288913	2.68%	0.251%
55	19.045	2723	2730	2736	rVB2	422691	845280	7.84%	0.734%
56	19.168	2743	2751	2756	rBV	7759385	10779937	100.00%	9.358%
57	19.221	2756	2760	2763	rVV	141628	172857	1.60%	0.150%
58	19.257	2763	2766	2771	rVB3	216332	318436	2.95%	0.276%
59	19.310	2771	2775	2779	rBV	253088	327310	3.04%	0.284%
60	19.404	2787	2791	2794	rBV	147562	180812	1.68%	0.157%
61	19.498	2801	2807	2809	rBV3	2018447	3181659	29.51%	2.762%
62	19.533	2809	2813	2819	rVV	6630725	8842040	82.02%	7.676%
63	19.592	2819	2823	2830	rVB2	484644	774060	7.18%	0.672%
64	19.704	2837	2842	2847	rVB	494552	680923	6.32%	0.591%
65	19.774	2848	2854	2860	rVB	323718	580990	5.39%	0.504%
66	19.857	2860	2868	2874	rBV2	543114	1416201	13.14%	1.229%
67	19.910	2874	2877	2884	rBV3	111137	245455	2.28%	0.213%
68	19.986	2884	2890	2892	rBV4	462677	920969	8.54%	0.799%
69	20.021	2892	2896	2900	rVB	1012532	1417181	13.15%	1.230%
70	20.121	2909	2913	2916	rBV	548480	690558	6.41%	0.599%
71	20.180	2916	2923	2927	rVV2	764710	1545754	14.34%	1.342%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

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-BM051619MA.M
Title : SVOA CALIBRATION

72	20.215	2927	2929	2932	rVB2	153962	150323	1.39%	0.130%
73	20.257	2933	2936	2941	rVB2	184649	265289	2.46%	0.230%
74	20.315	2943	2946	2950	rBV	354804	461892	4.28%	0.401%
75	20.362	2950	2954	2958	rVV3	397306	503936	4.67%	0.437%
76	20.451	2966	2969	2972	rBV3	132408	198550	1.84%	0.172%
77	20.774	3019	3024	3030	rBV	783906	1126293	10.45%	0.978%
78	20.933	3047	3051	3054	rBV2	566682	817328	7.58%	0.709%
79	20.974	3054	3058	3061	rVV	796026	1117244	10.36%	0.970%
80	21.015	3061	3065	3070	rVV2	580092	1074961	9.97%	0.933%
81	21.074	3071	3075	3084	rVB	890160	1308777	12.14%	1.136%
82	21.280	3102	3110	3115	rBV3	5086655	8809790	81.72%	7.648%
83	21.327	3115	3118	3128	rVB	3493073	4792835	44.46%	4.161%
84	21.445	3134	3138	3144	rBV	455891	667941	6.20%	0.580%
85	21.498	3144	3147	3151	rBV2	357834	539781	5.01%	0.469%
86	21.609	3161	3166	3169	rBV2	431846	646904	6.00%	0.562%
87	21.651	3170	3173	3176	rVB3	208658	242836	2.25%	0.211%
88	21.780	3192	3195	3198	rBV	301973	379710	3.52%	0.330%
89	21.839	3201	3205	3209	rVV	1022094	1502407	13.94%	1.304%
90	21.886	3211	3213	3219	rVB	408192	522918	4.85%	0.454%
91	22.033	3235	3238	3242	rBV	384757	590060	5.47%	0.512%
92	22.609	3332	3336	3341	rBV3	321137	535697	4.97%	0.465%
93	22.874	3374	3381	3385	rBV	2687616	6213966	57.64%	5.394%
94	23.039	3404	3409	3414	rBV	659188	1036490	9.61%	0.900%
95	23.356	3457	3463	3468	rBV	1143244	2333165	21.64%	2.025%
96	23.456	3474	3480	3487	rVB	2502939	4495190	41.70%	3.902%
97	23.545	3490	3495	3499	rVV	727275	1437792	13.34%	1.248%
98	23.598	3500	3504	3511	rVB2	691843	1318975	12.24%	1.145%
99	25.839	3877	3885	3895	rVB	1109918	3283070	30.46%	2.850%
100	26.544	3998	4005	4020	rVB	685196	2113738	19.61%	1.835%

Sum of corrected areas: 115197763

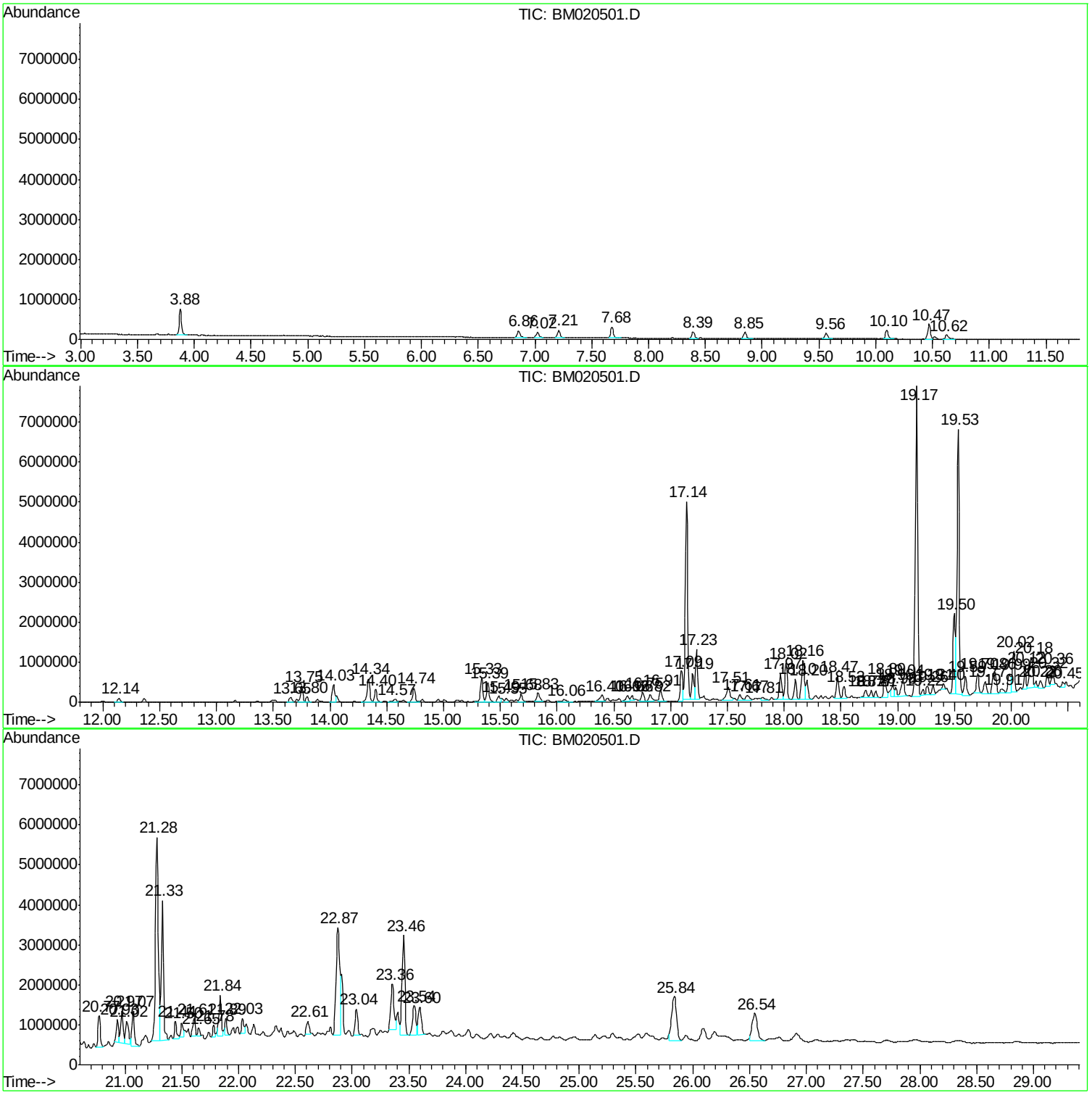
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

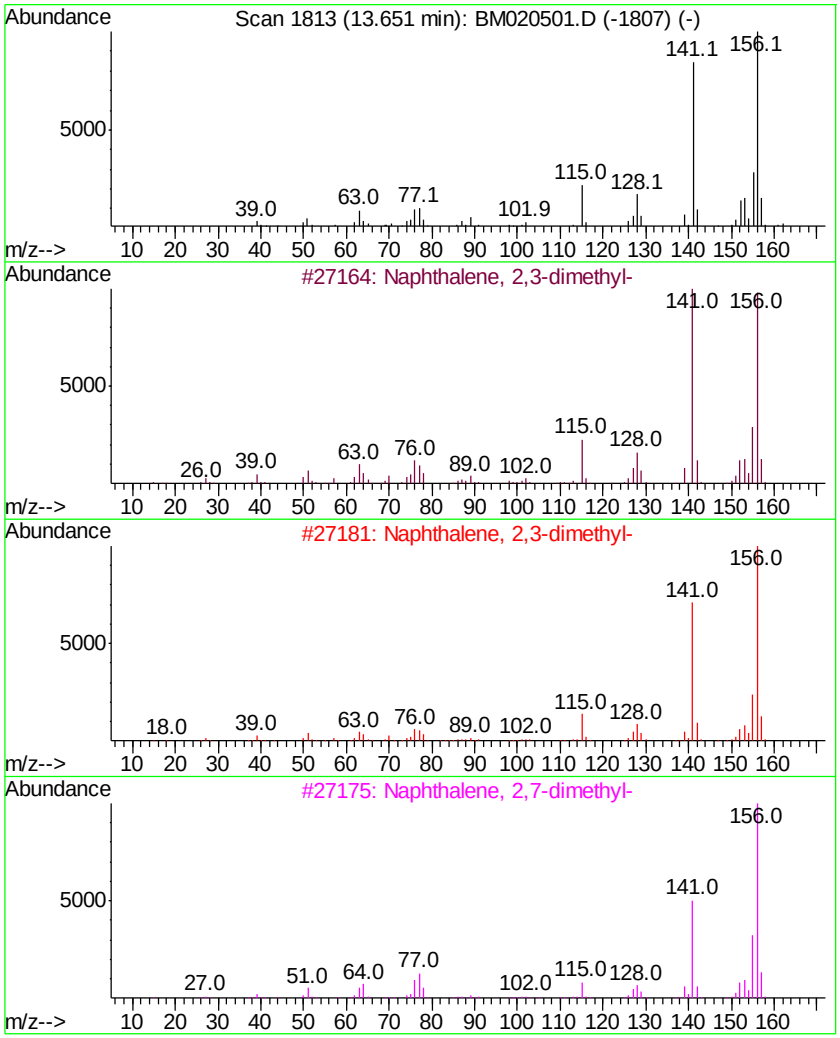
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

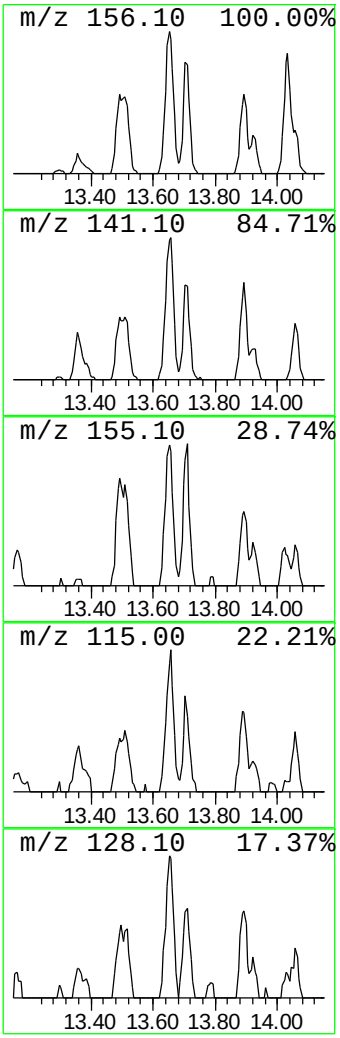
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	4.18 ng/ul	198022	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

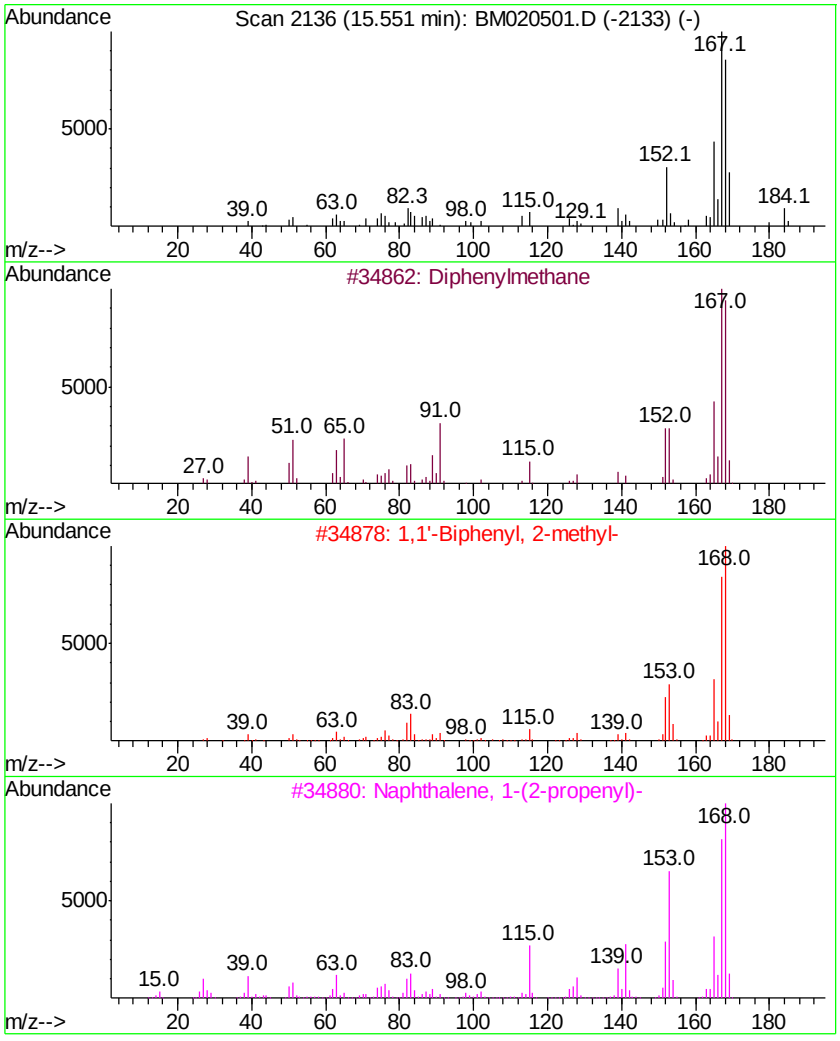
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

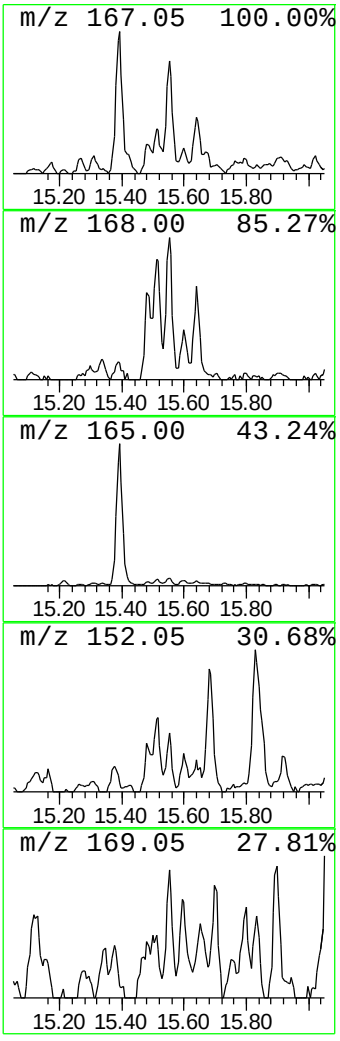
****

Peak Number 3 Diphenylmethane Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.73 ng/ul	129512	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	76
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4	Diphenylmethane	168	C13H12	000101-81-5	58
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

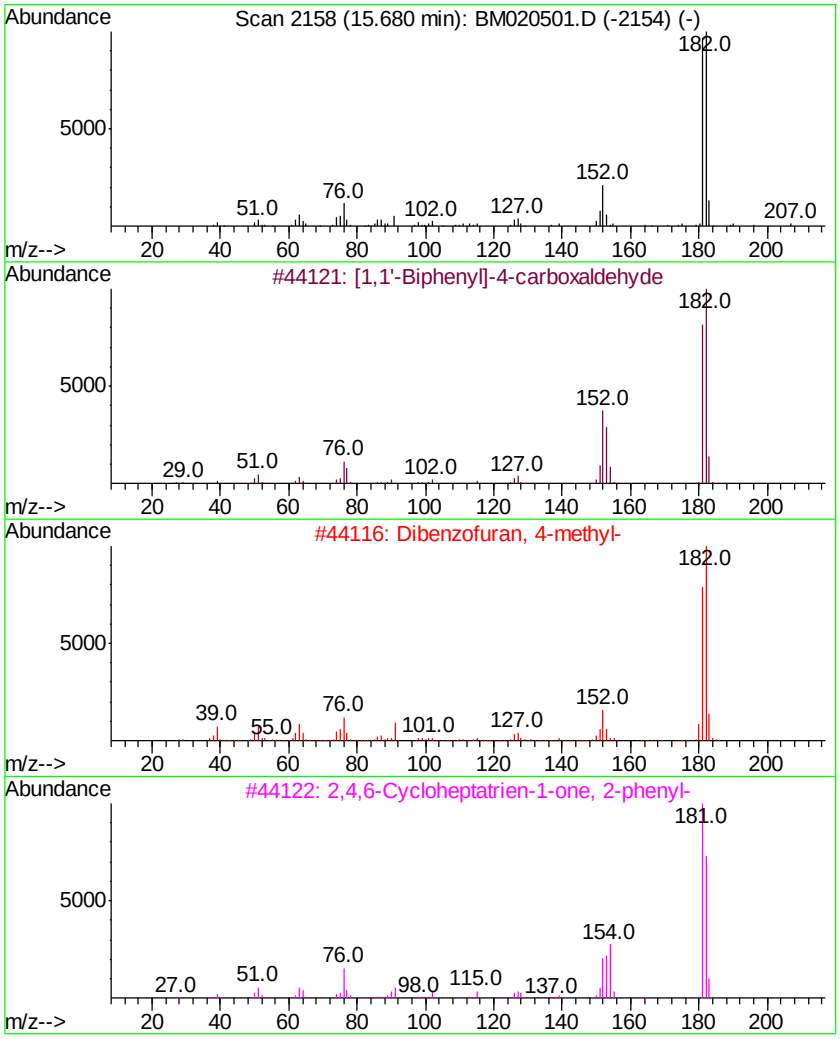
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

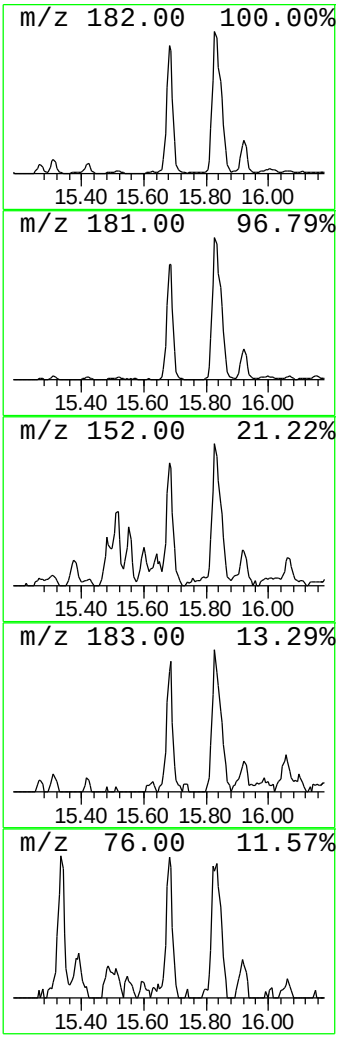
****

Peak Number 4 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	6.14 ng/ul	290742	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

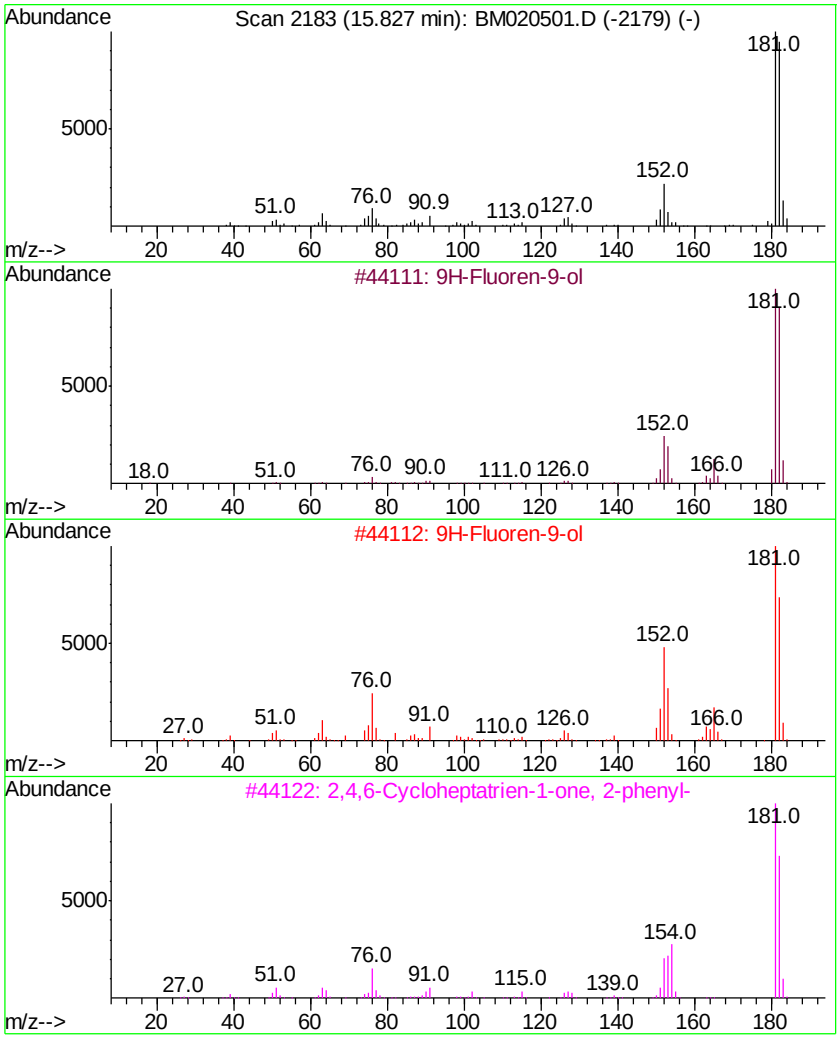
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

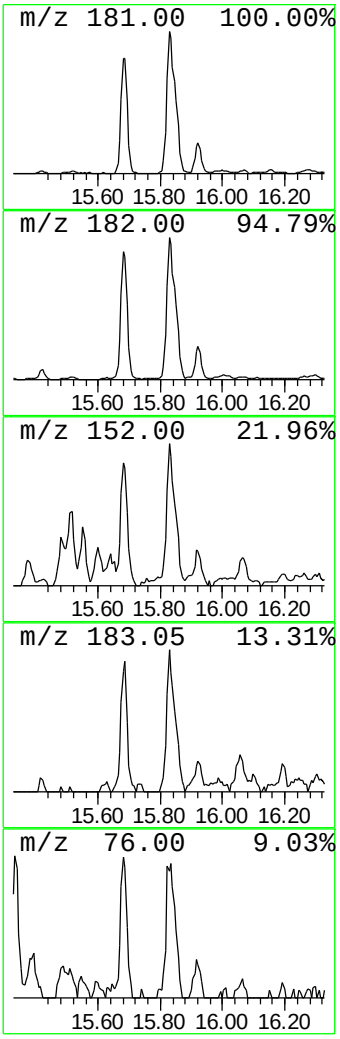
****

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	7.47 ng/ul	414917	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

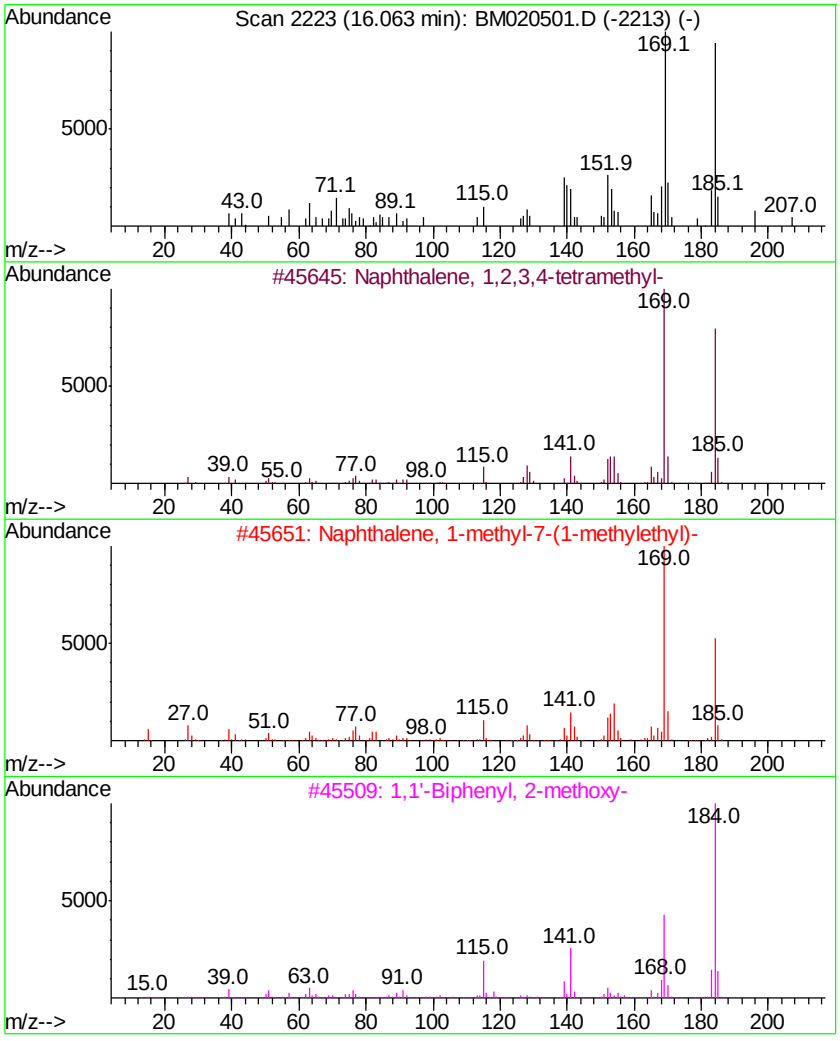
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

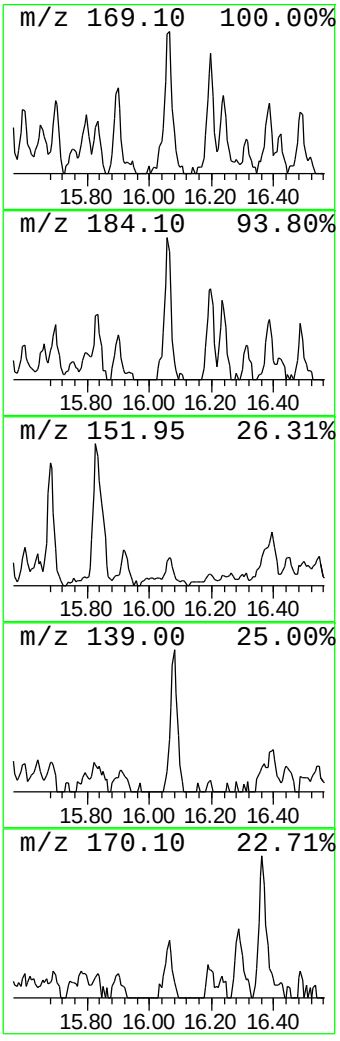
****

Peak Number 6 Naphthalene, 1,2,3,4-tetram... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.72 ng/ul	150888	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64
3	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	62
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	62
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

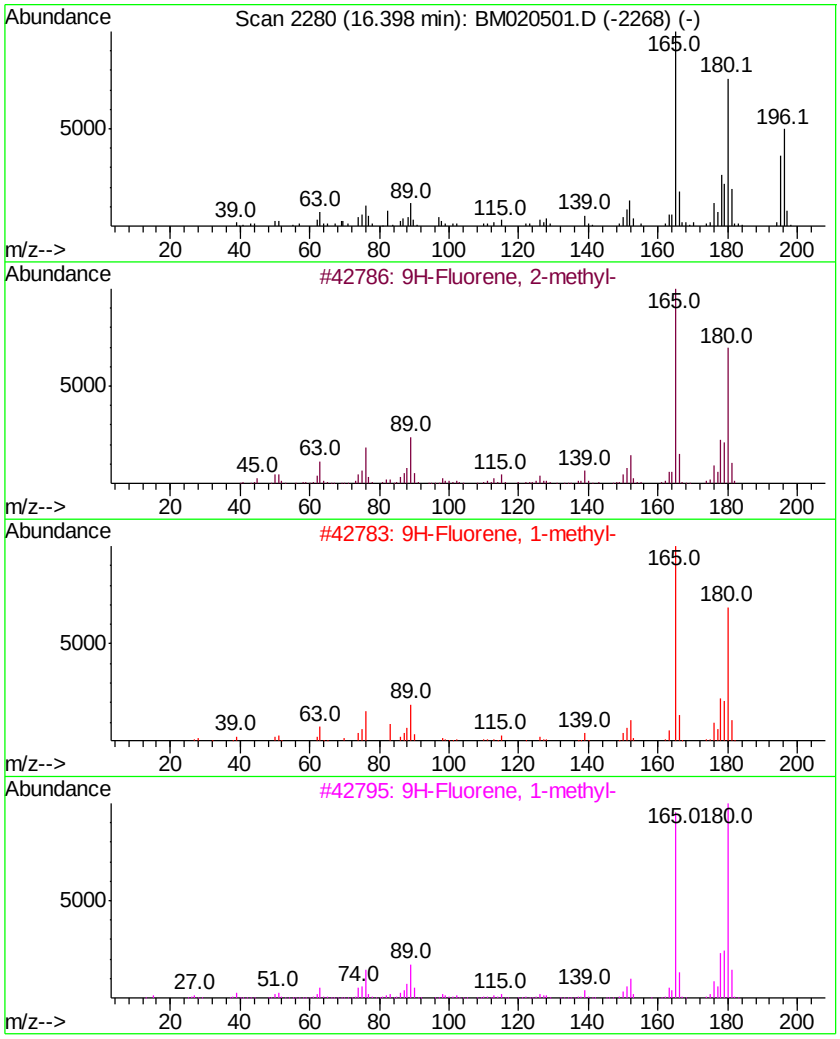
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

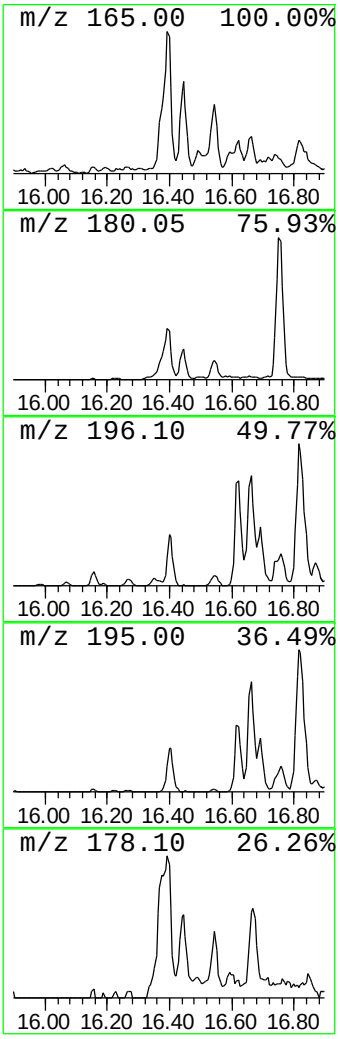
****

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	6.70 ng/ul	371893	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

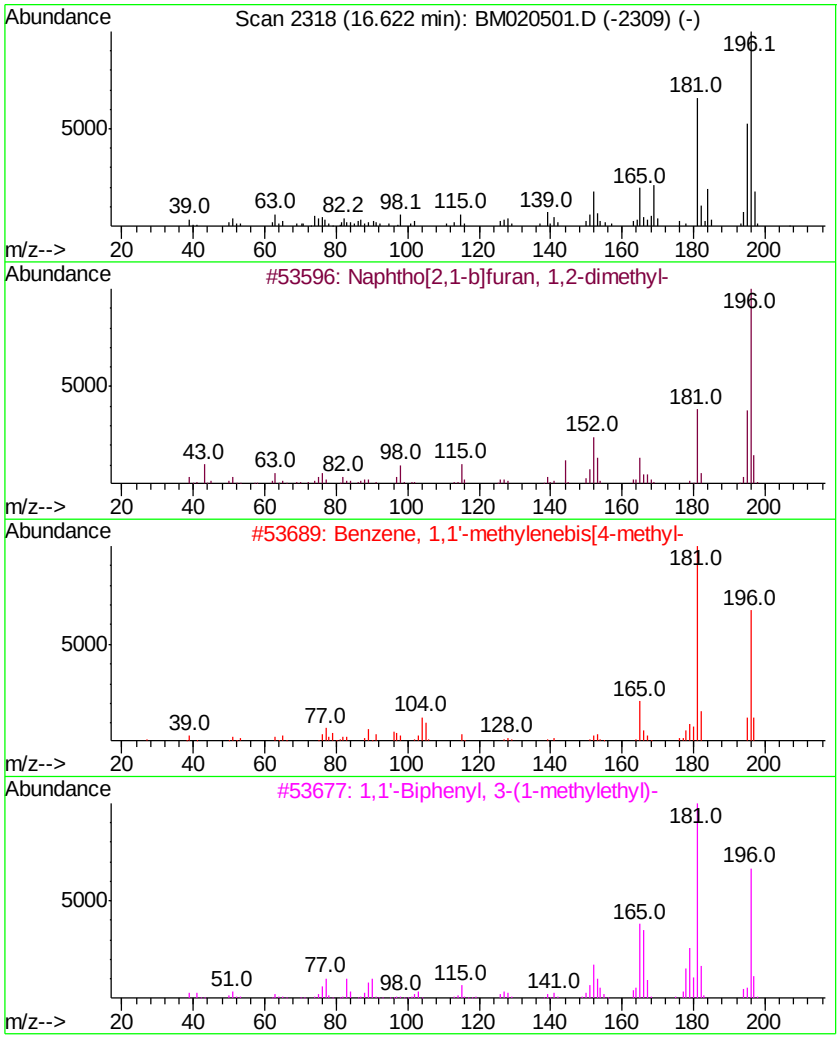
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

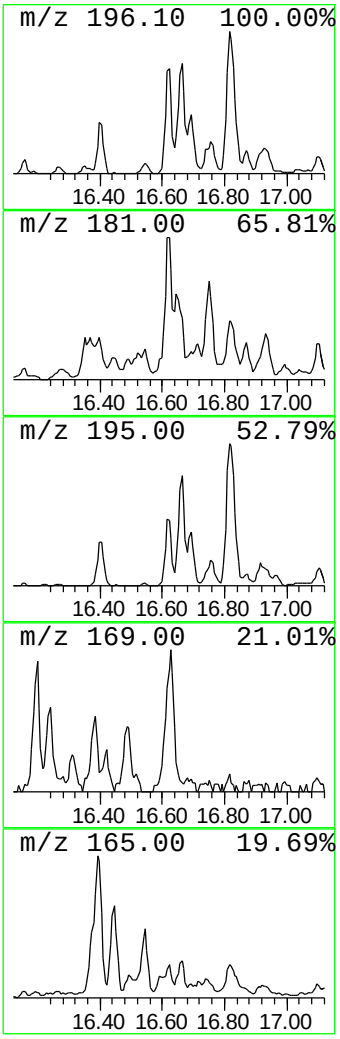
****

Peak Number 8 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	5.19 ng/ul	288095	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	49
2	Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	47
3	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	47
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

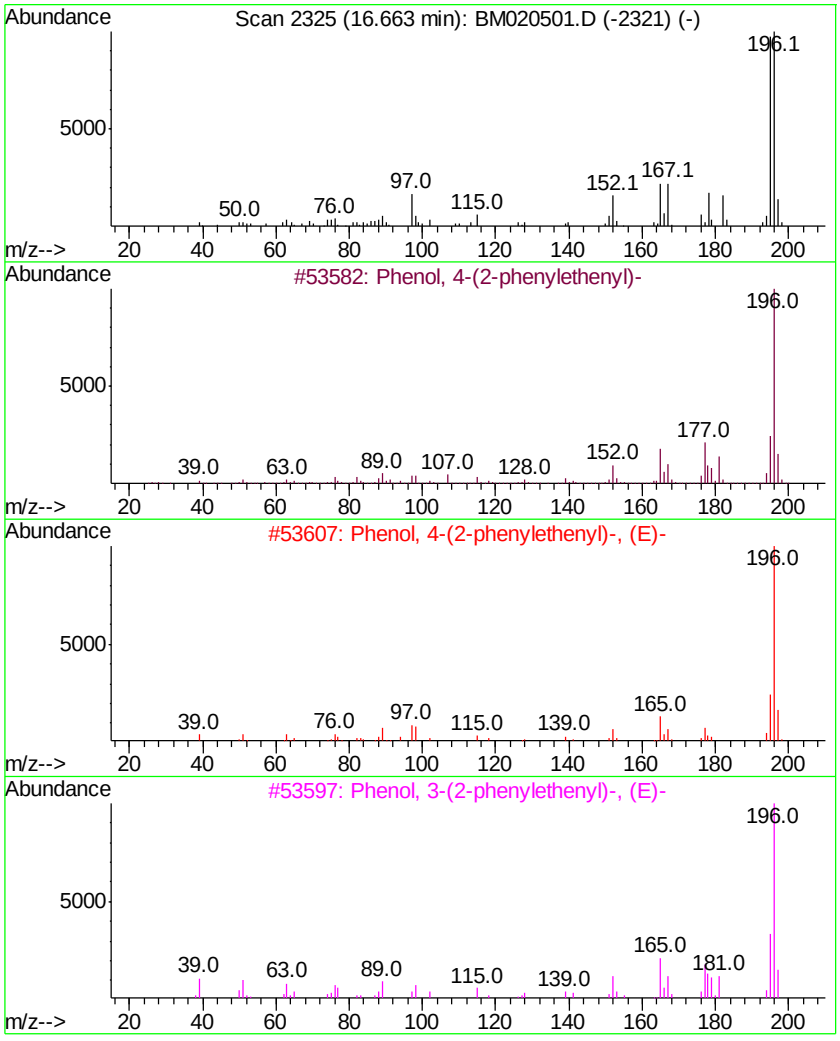
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

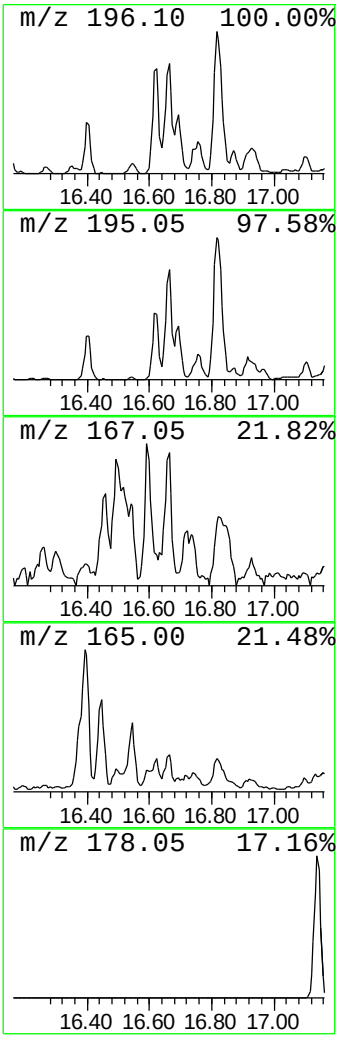
****

Peak Number 9 Phenol, 4-(2-phenylethenyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	3.39 ng/ul	188288	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	64
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

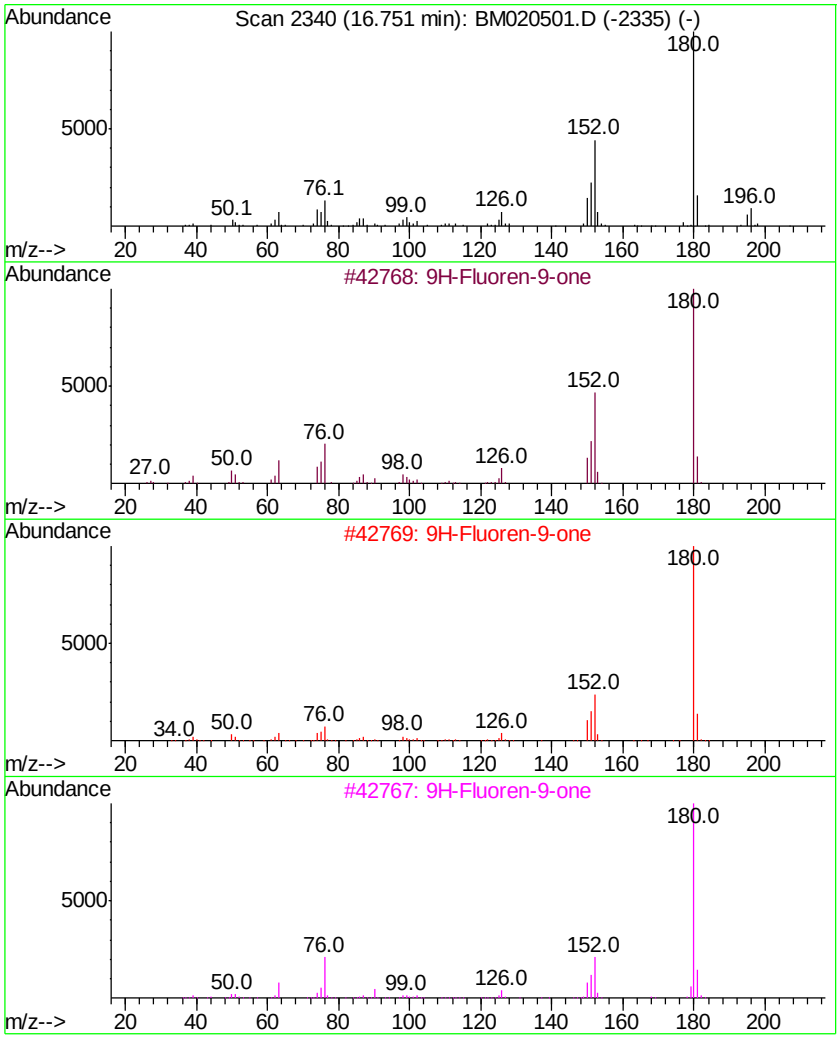
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

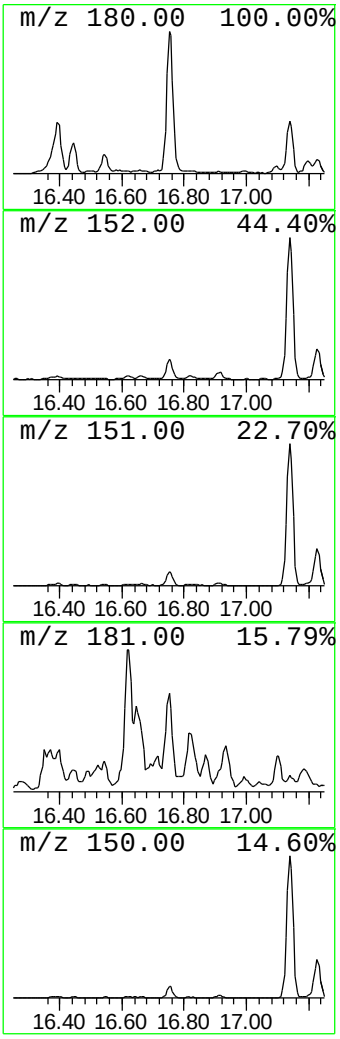
****

Peak Number 10 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	6.16 ng/ul	342091	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

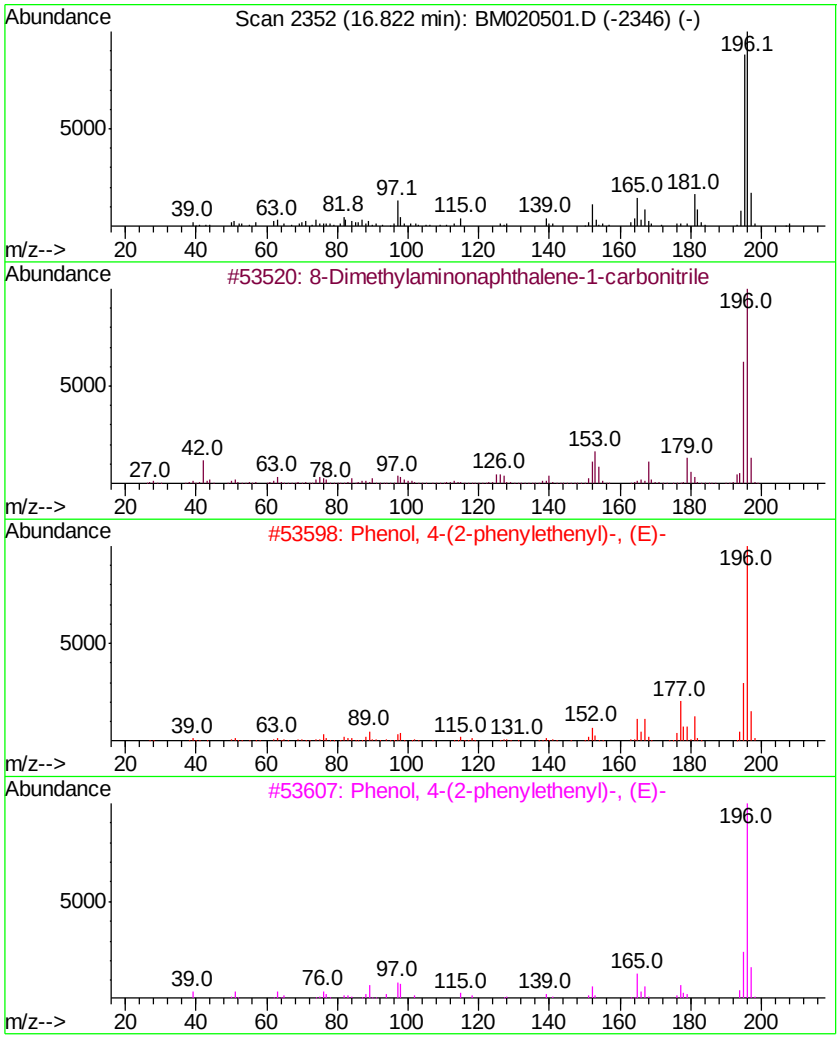
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

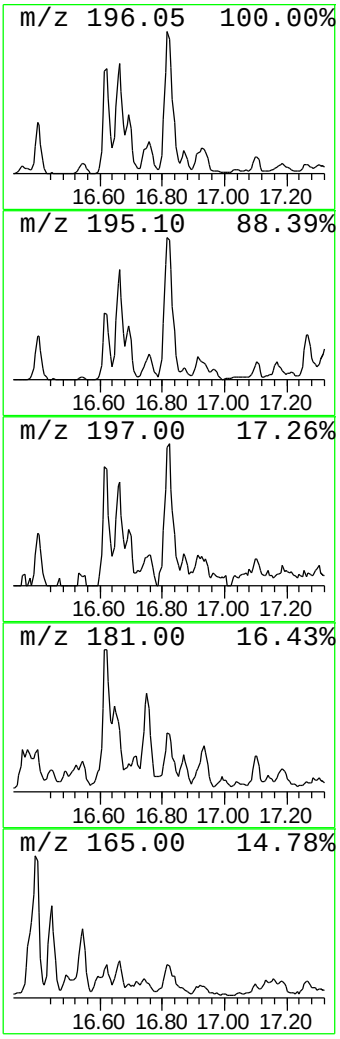
****

Peak Number 11 8-Dimethylaminonaphthalene-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	5.23 ng/ul	290232	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

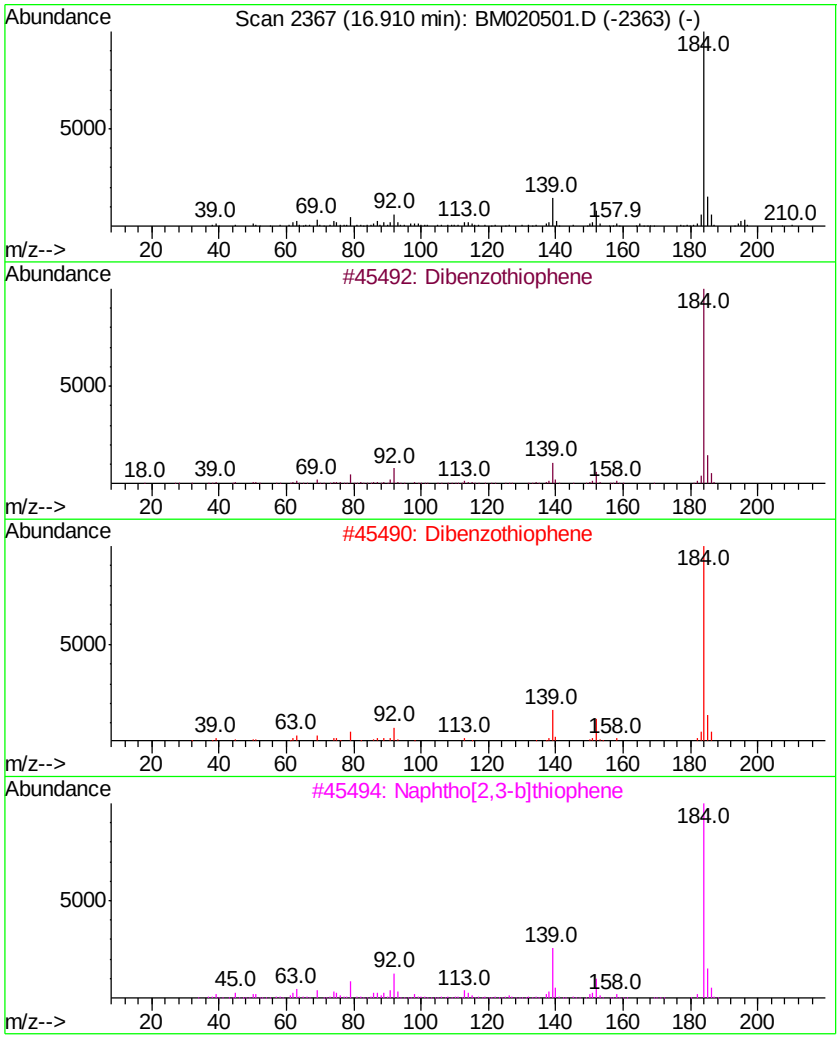
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

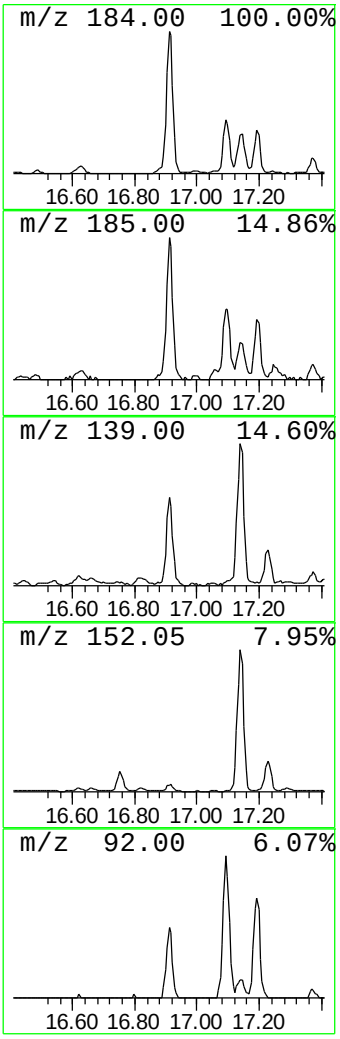
****

Peak Number 12 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	8.15 ng/ul	452570	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

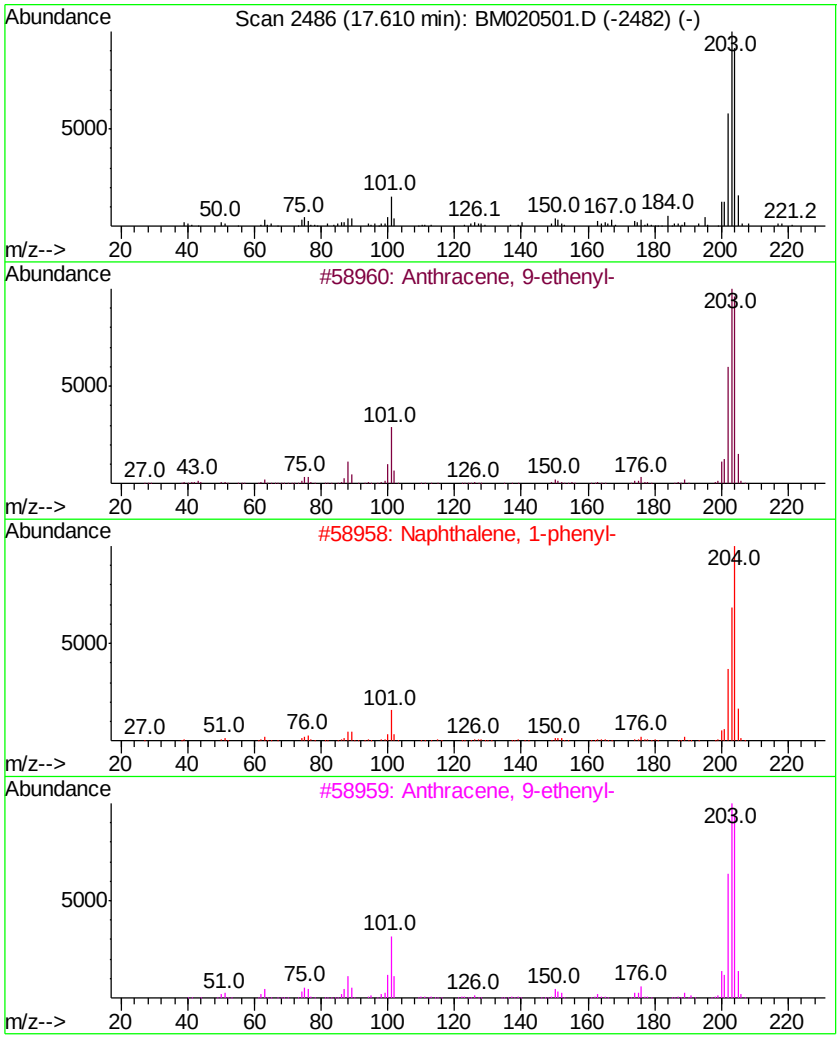
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

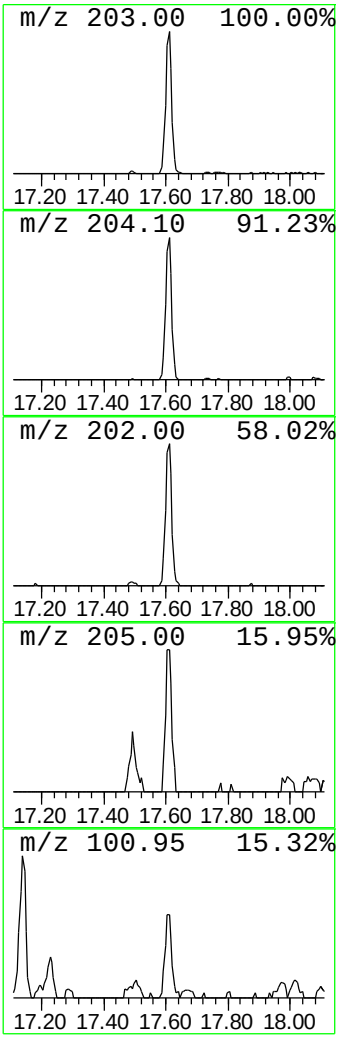
****

Peak Number 13 Anthracene, 9-ethenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	3.90 ng/ul	216854	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	76
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

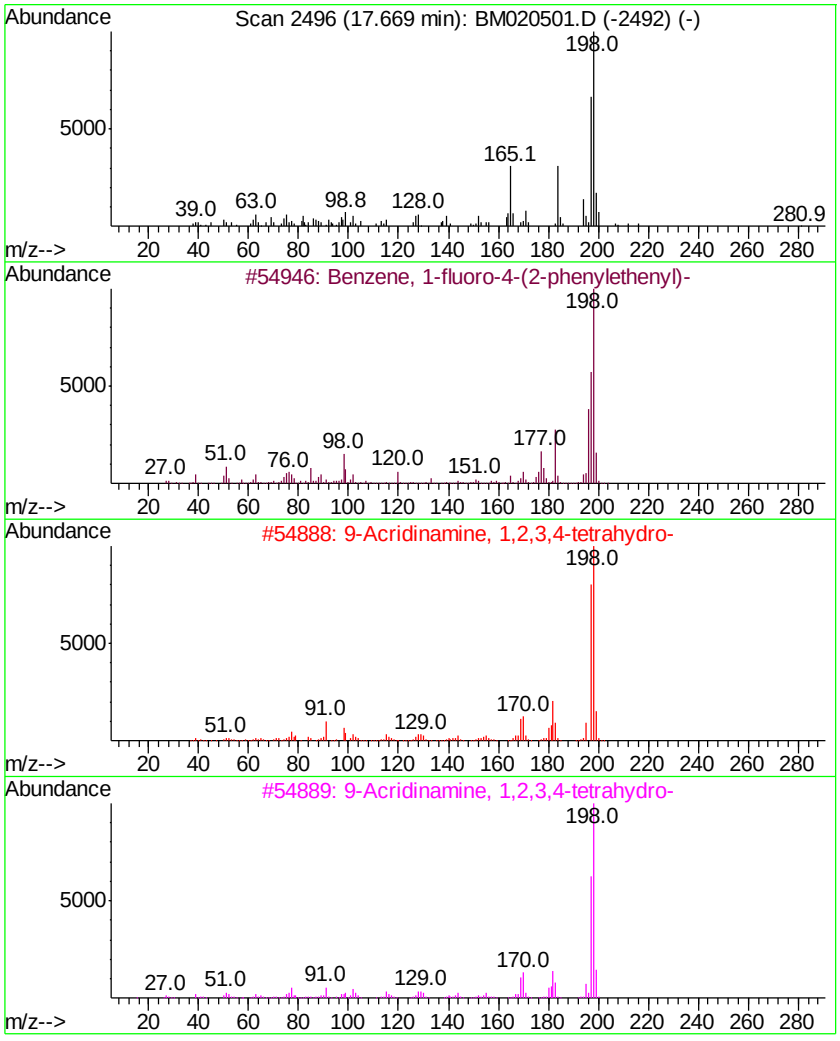
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

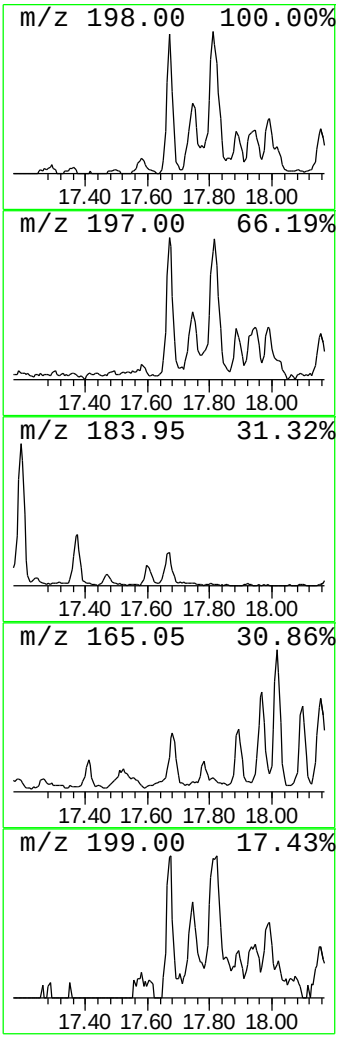
****

Peak Number 14 unknown-02 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	4.34 ng/ul	241046	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	49
2	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	46
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	46
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	43
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

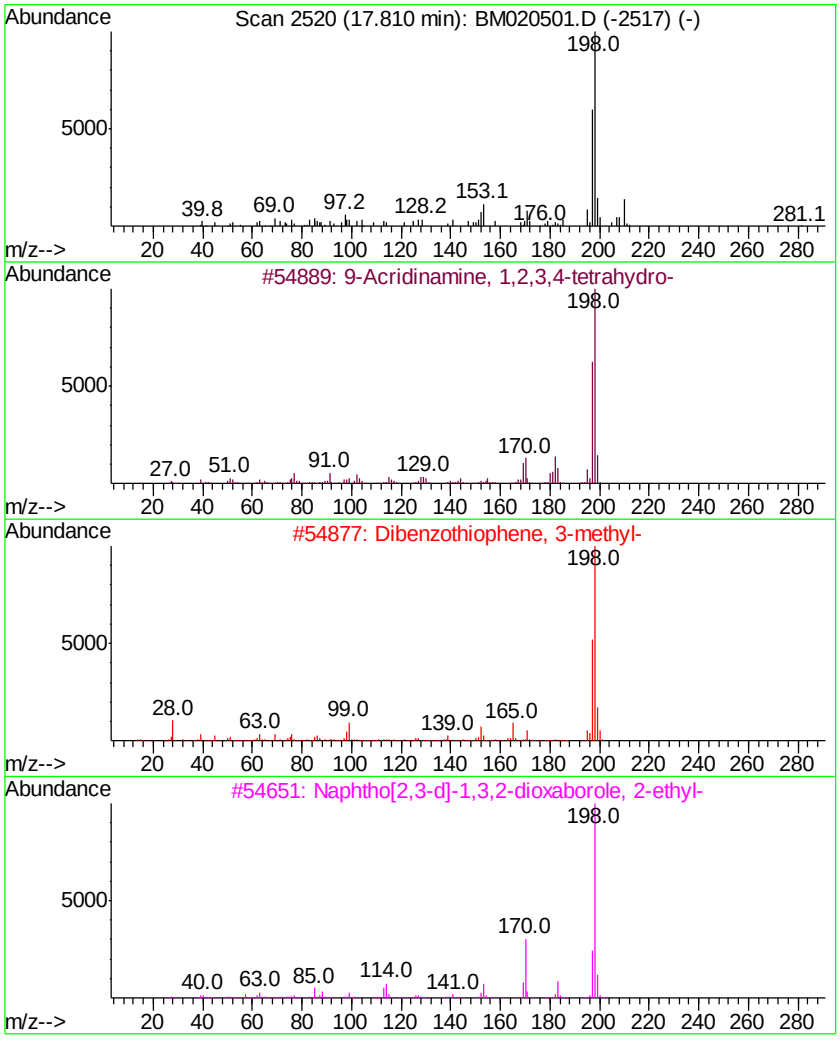
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

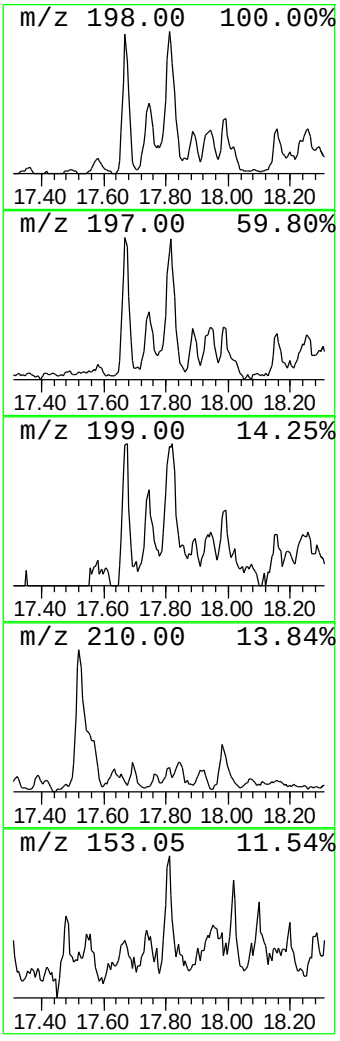
****

Peak Number 15 9-Acridinamine, 1,2,3,4-tet... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	2.67 ng/ul	148520	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	53
3	Naphtho[2,3-d]-1,3,2-dioxaborole...	198	C12H11BO2	125452-15-5	53
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	53
5	9H-Pyrido[3,4-b]indole, 8-hydrox...	198	C12H10N2O	1000248-36-3	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

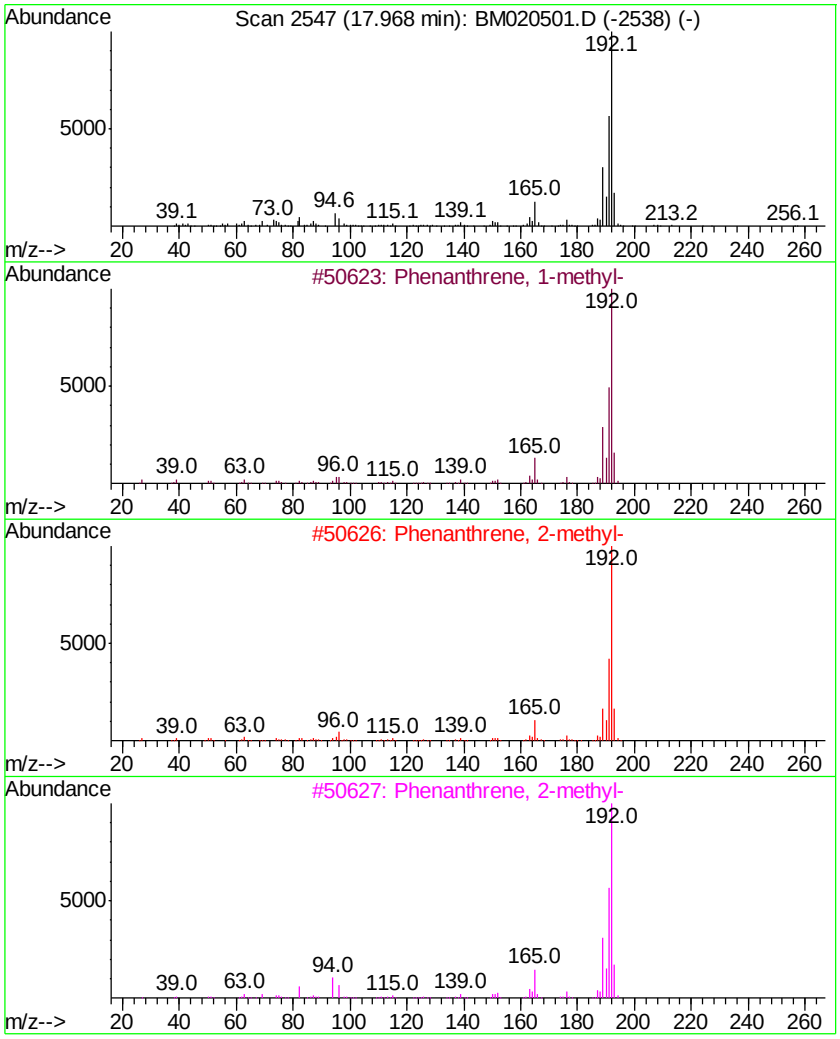
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

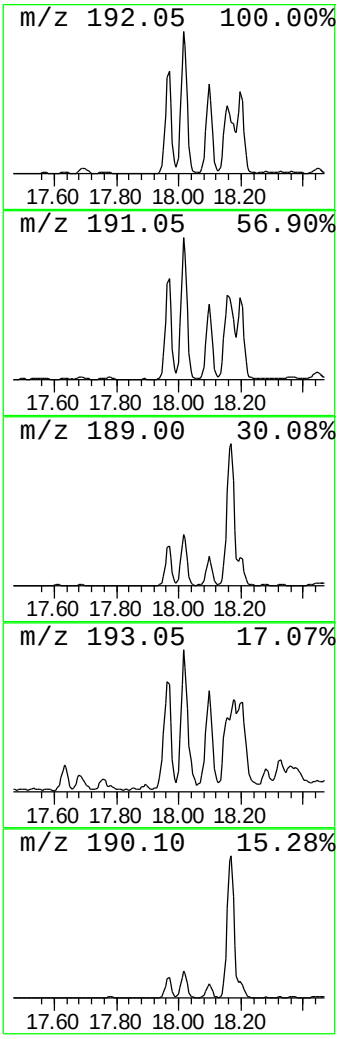
****

Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	19.14 ng/ul	1063080	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

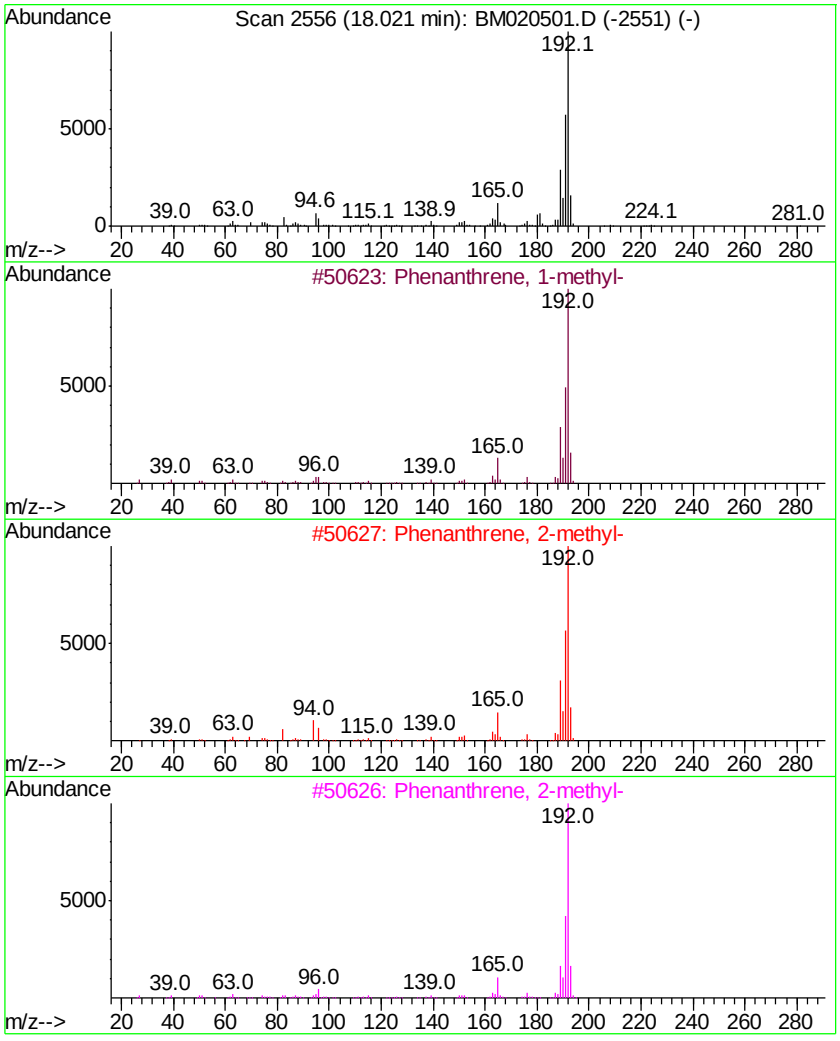
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

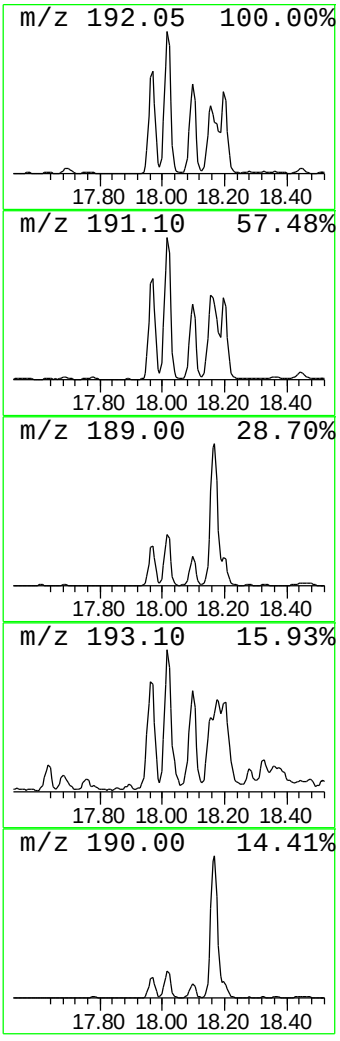
****

Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	22.77 ng/ul	1264600	Phenanthrene-d10	17.09

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

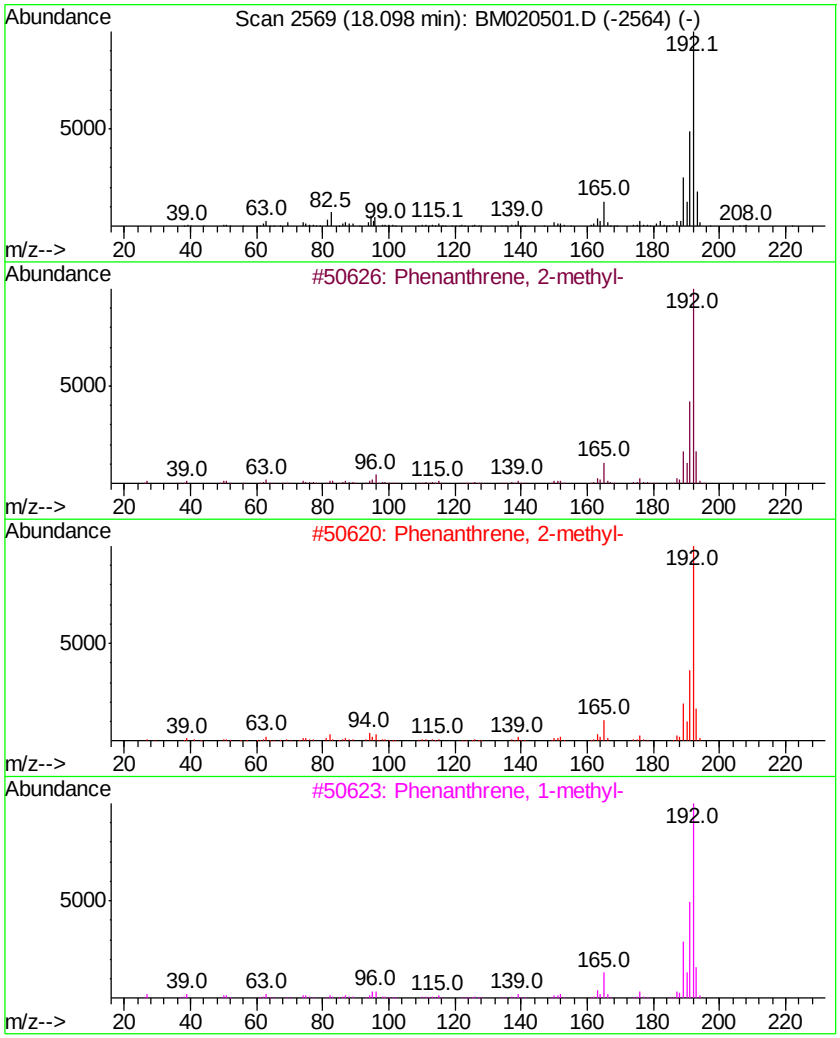
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

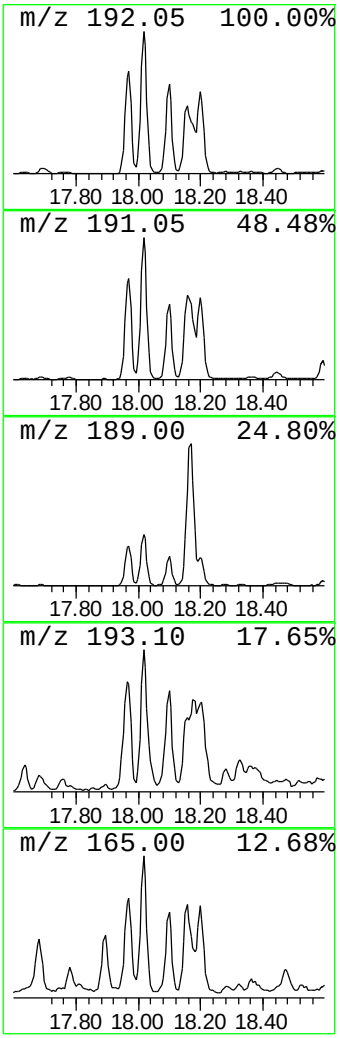
****

Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	12.67 ng/ul	703946	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

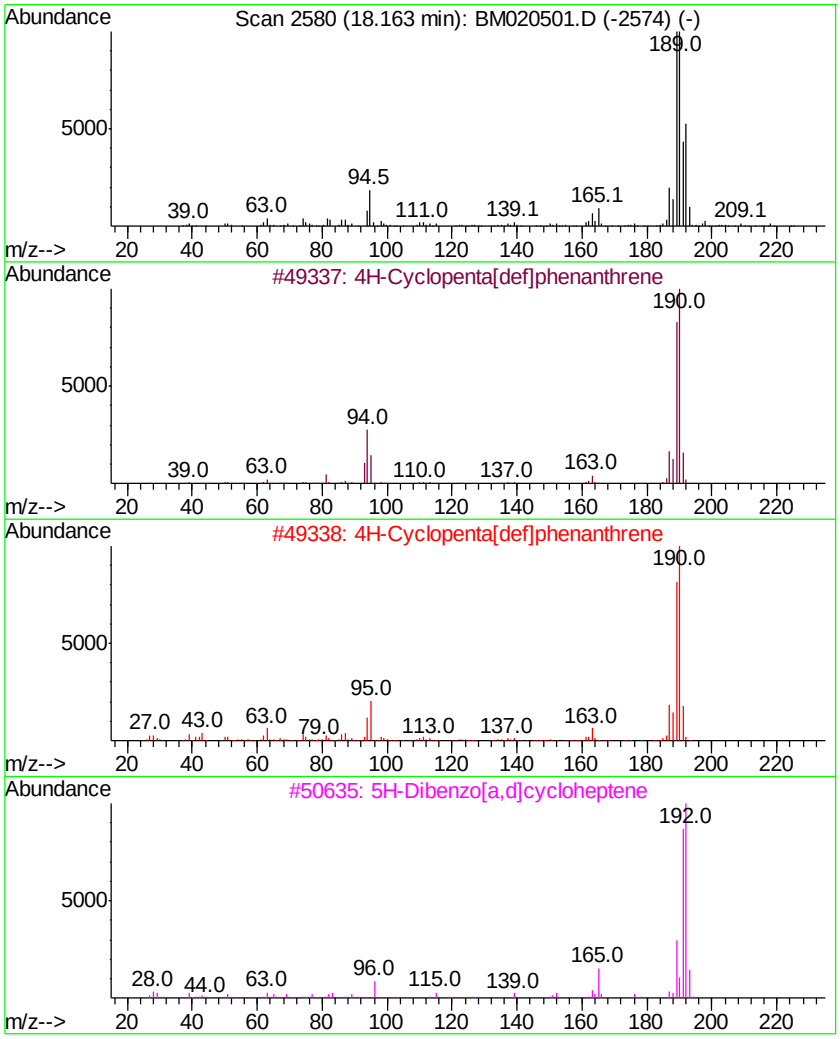
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

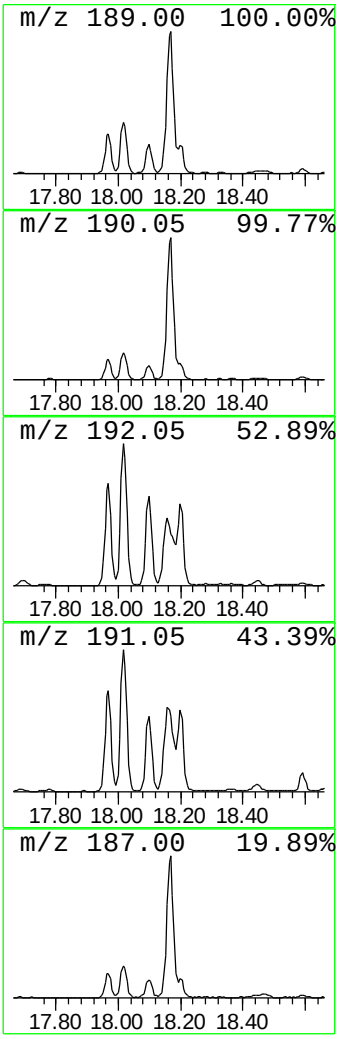
****

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	32.90 ng/ul	1827490	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	20





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

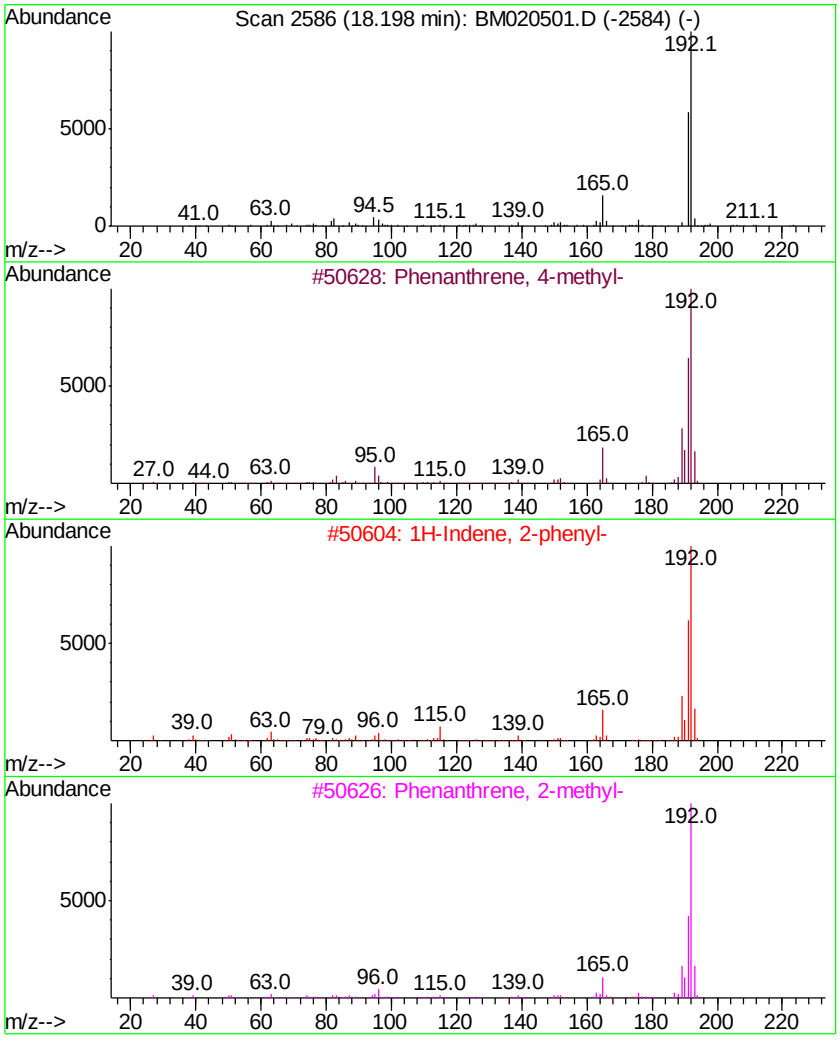
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

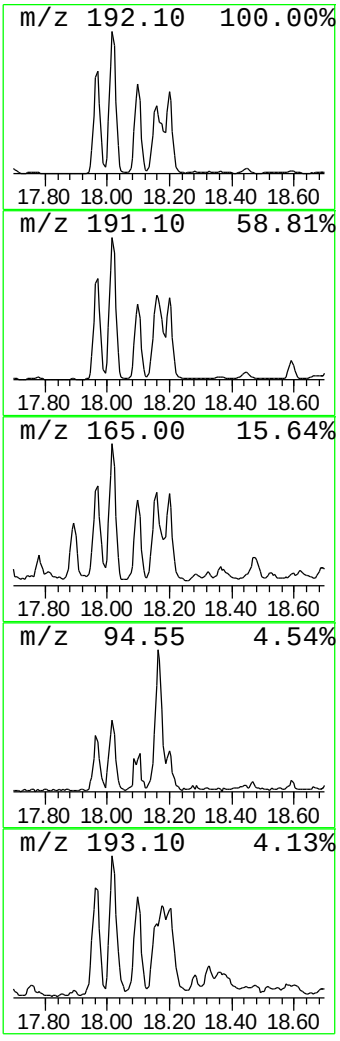
****

Peak Number 20 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	10.99 ng/ul	610292	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

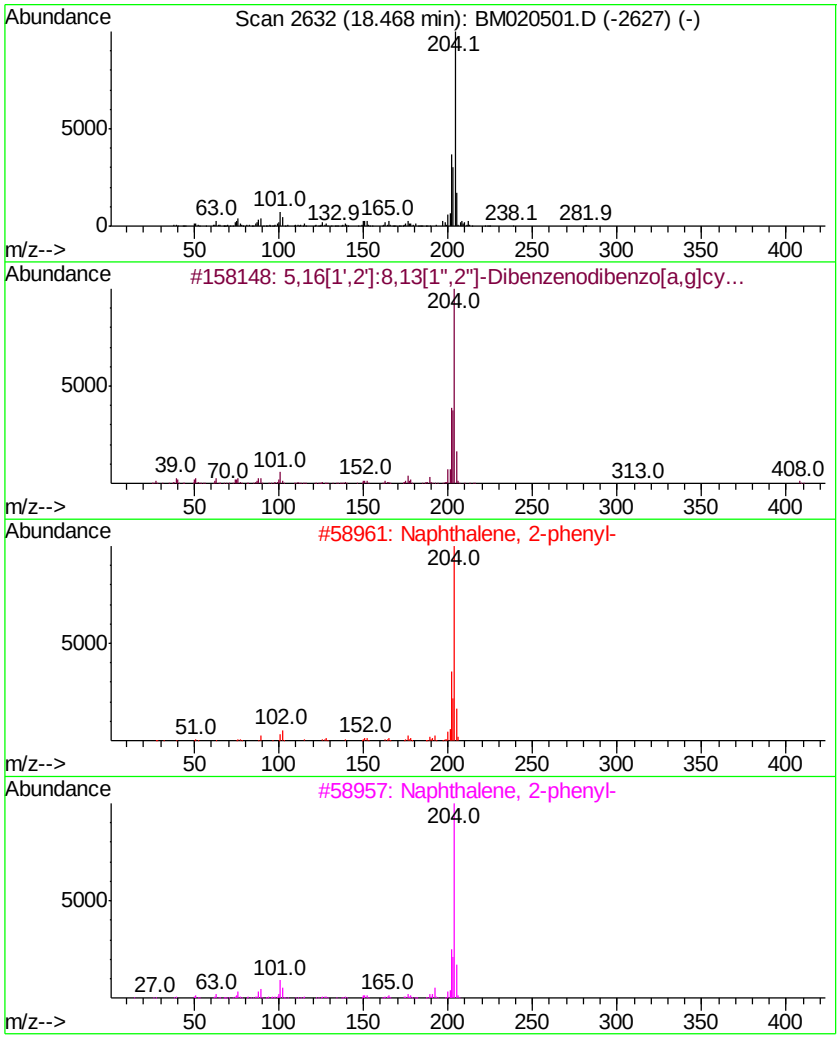
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

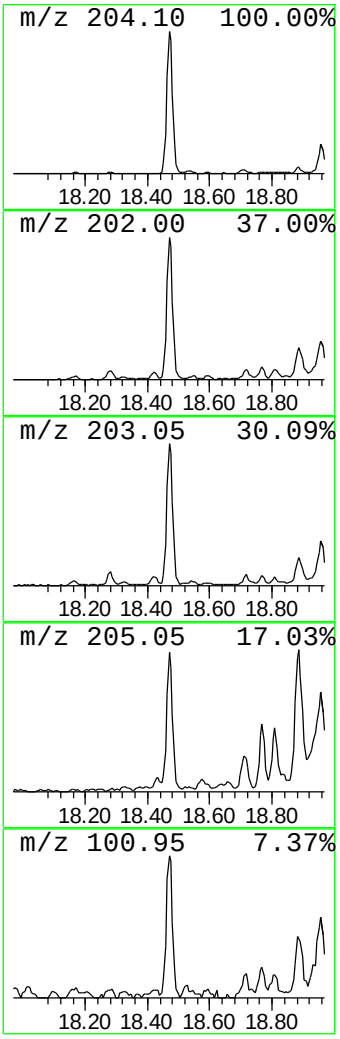
****

Peak Number 21 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	14.08 ng/ul	782183	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

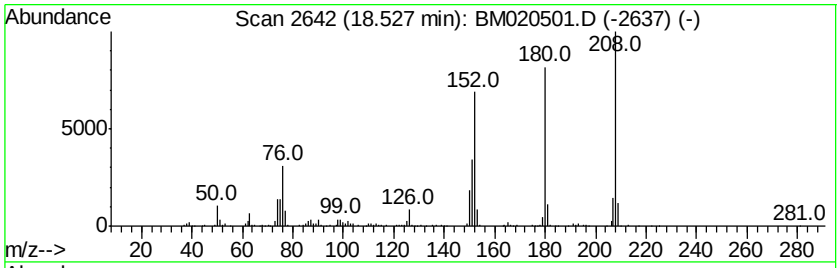
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

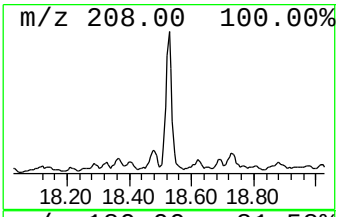
****

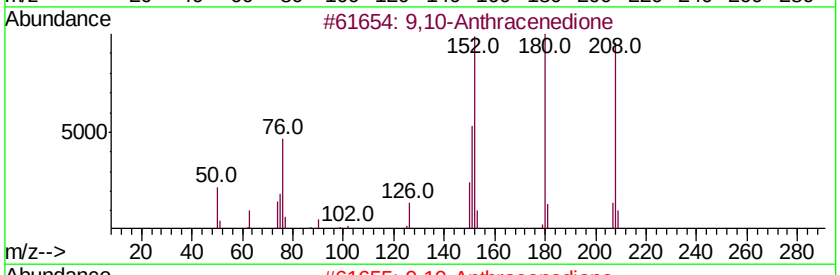
Peak Number 22 9,10-Anthracenedione Concentration Rank 16

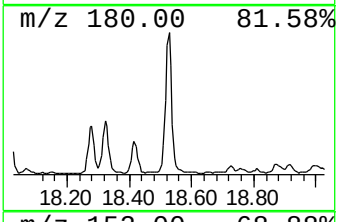
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	7.45 ng/ul	413791	Phenanthrene-d10	17.09

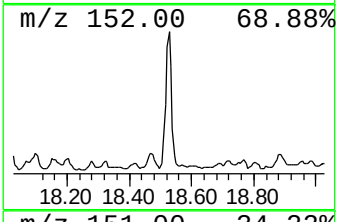
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	2-Thiophenecarboxylic acid, 5-br...	206	C5H3BrO2S	007311-63-9	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60

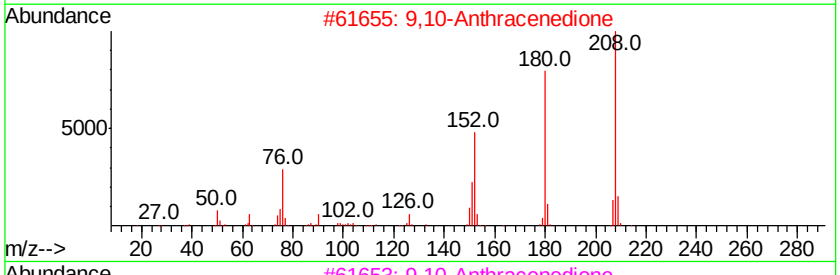


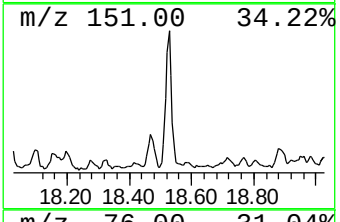


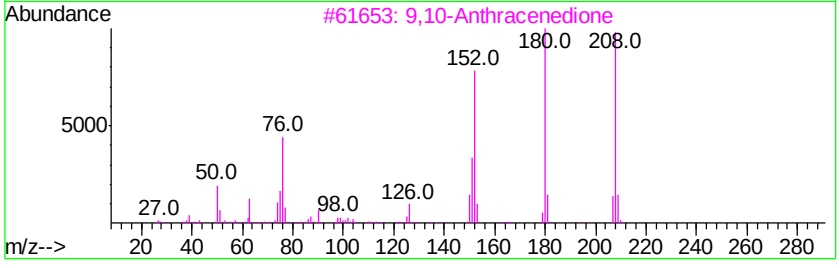


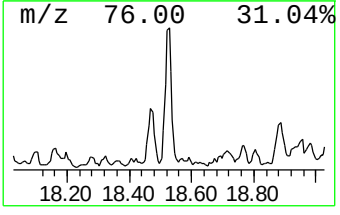












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

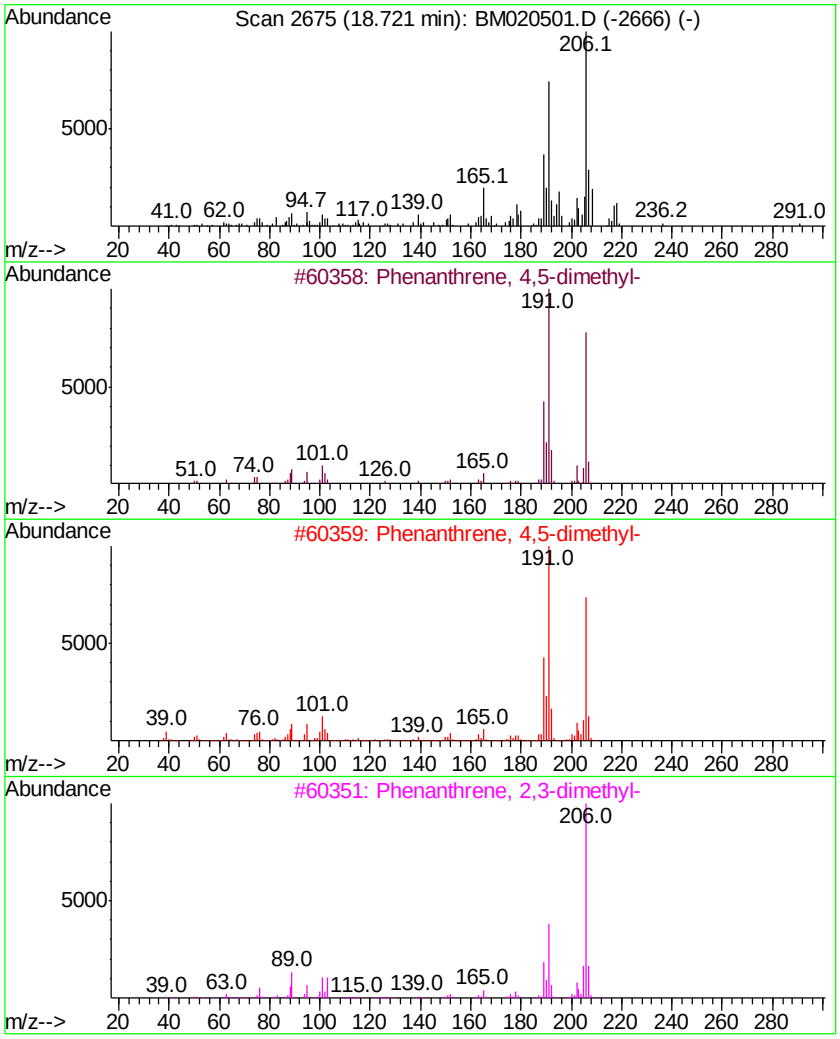
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

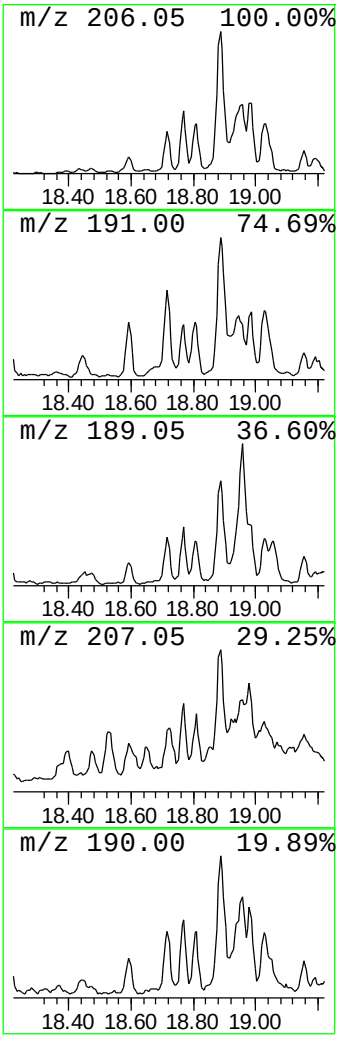
****

Peak Number 23 Phenanthrene, 4,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	6.20 ng/ul	344252	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	93
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

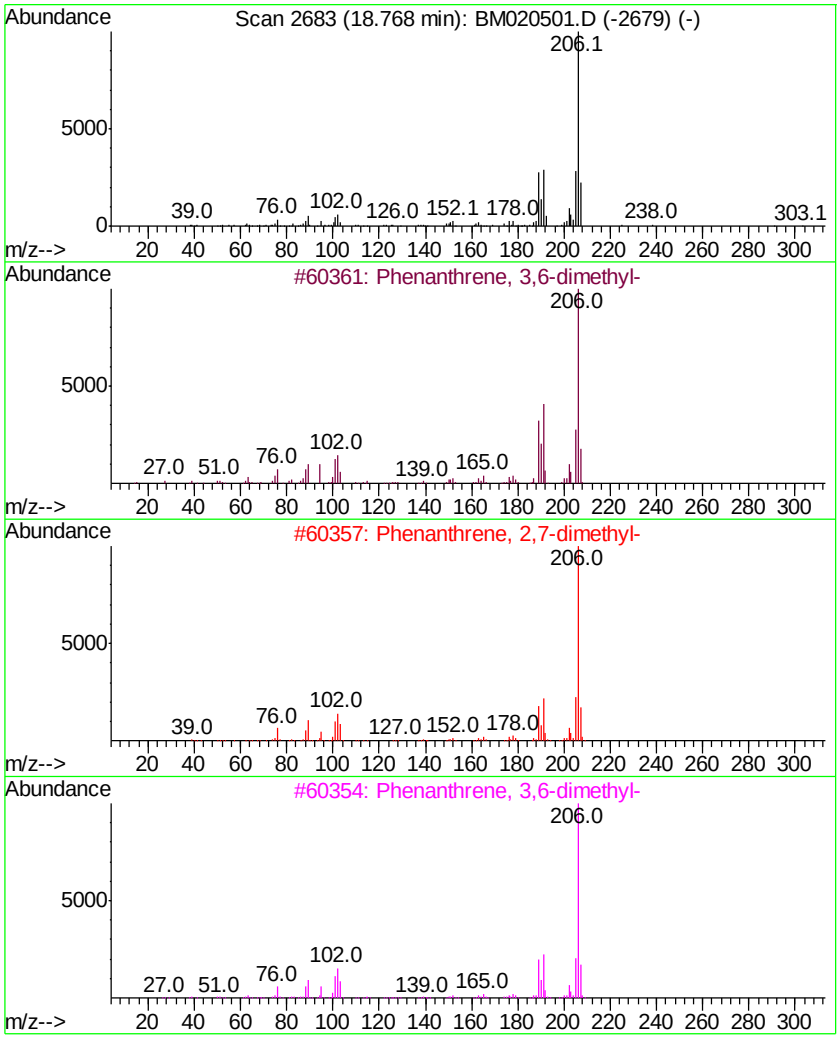
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

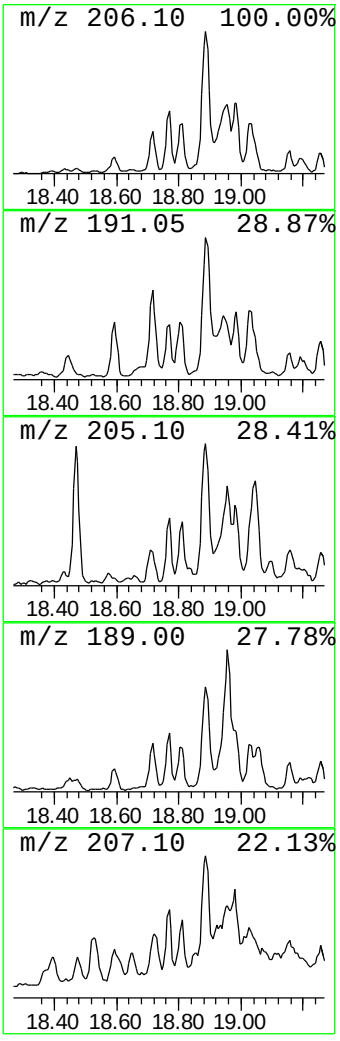
****

Peak Number 24 Phenanthrene, 3,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	4.53 ng/ul	251807	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

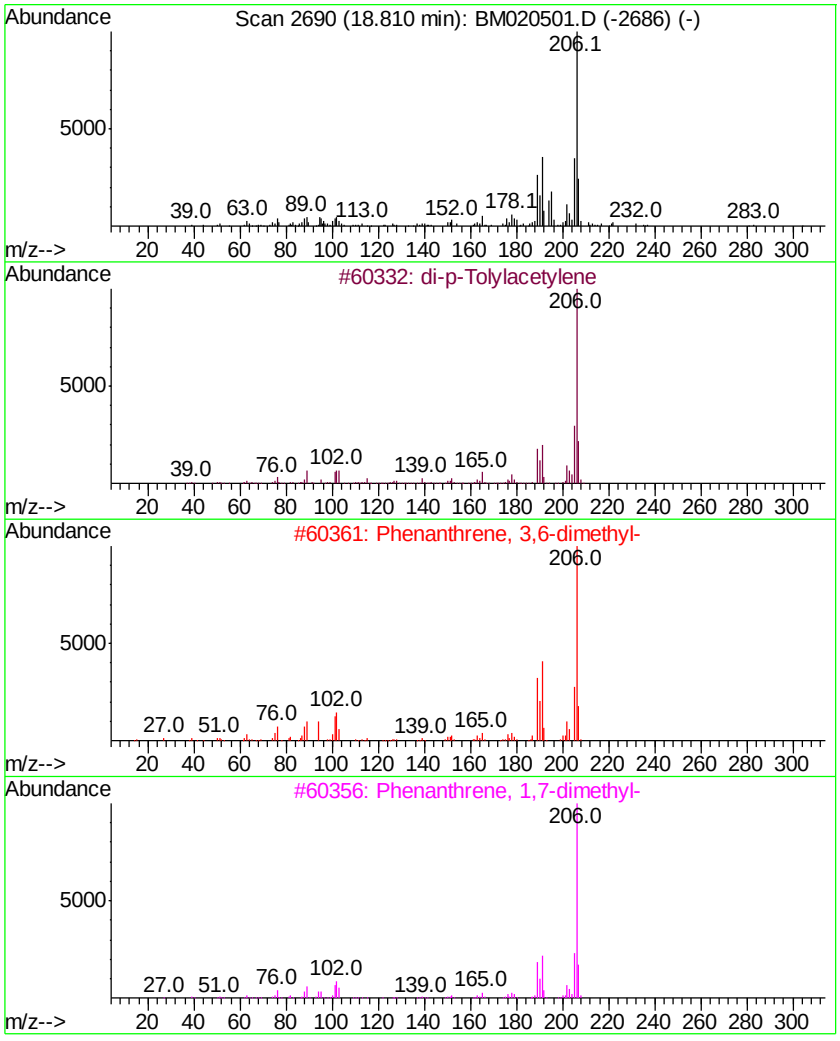
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

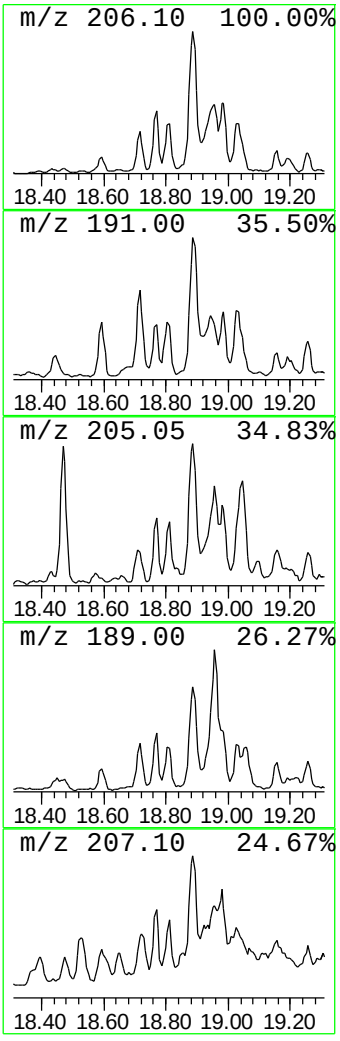
****

Peak Number 25 di-p-Tolylacetylene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	4.29 ng/ul	238142	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

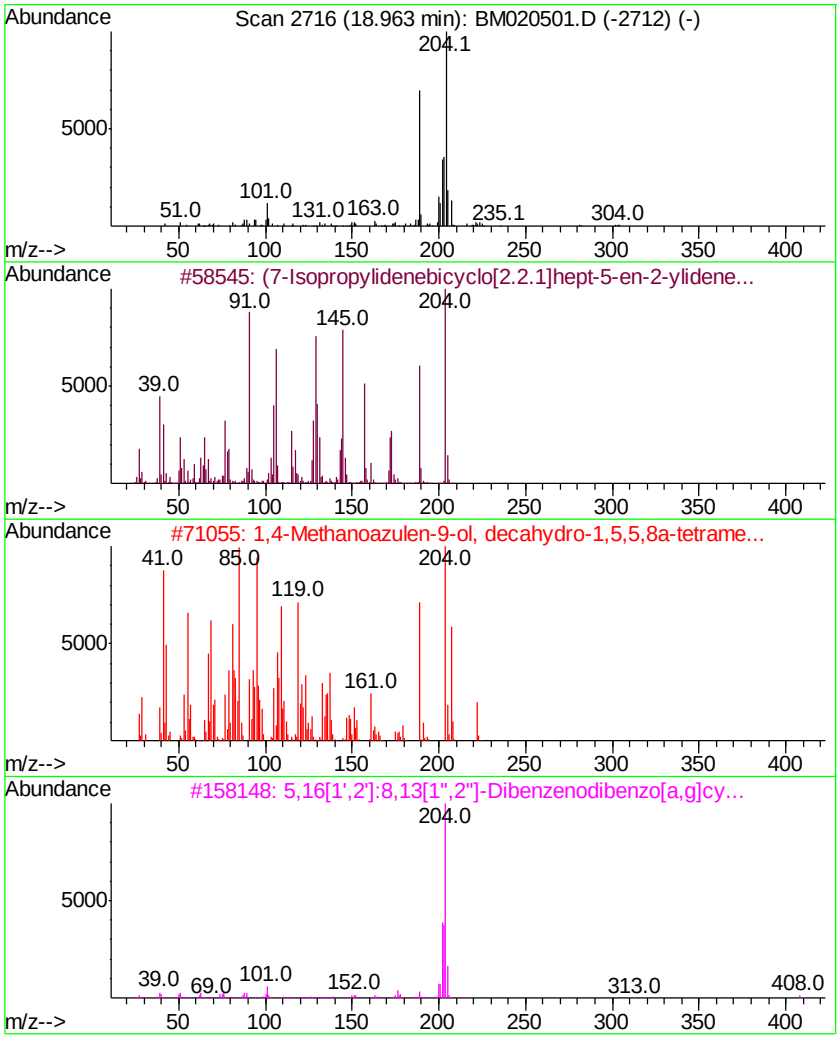
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

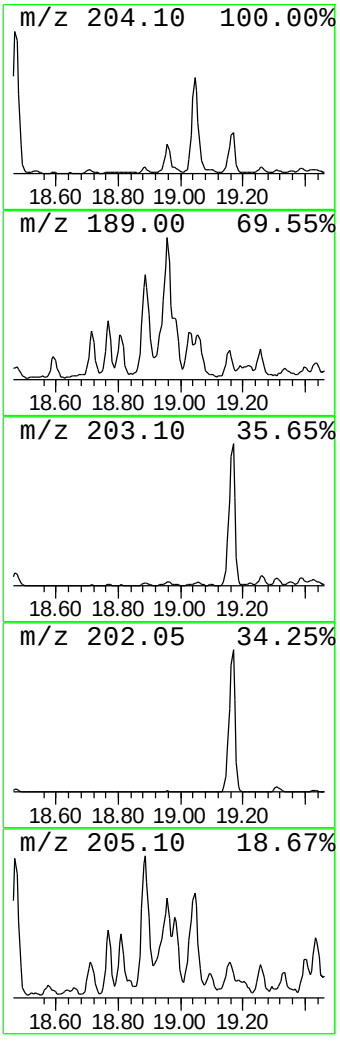
****

Peak Number 27 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	7.63 ng/ul	423888	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7-Isopropylidenebicyclo[2.2.1]h...	204	C13H16O2	1000211-02-2	47
2	1,4-Methanoazulen-9-ol, decahydr...	222	C15H26O	000465-24-7	47
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

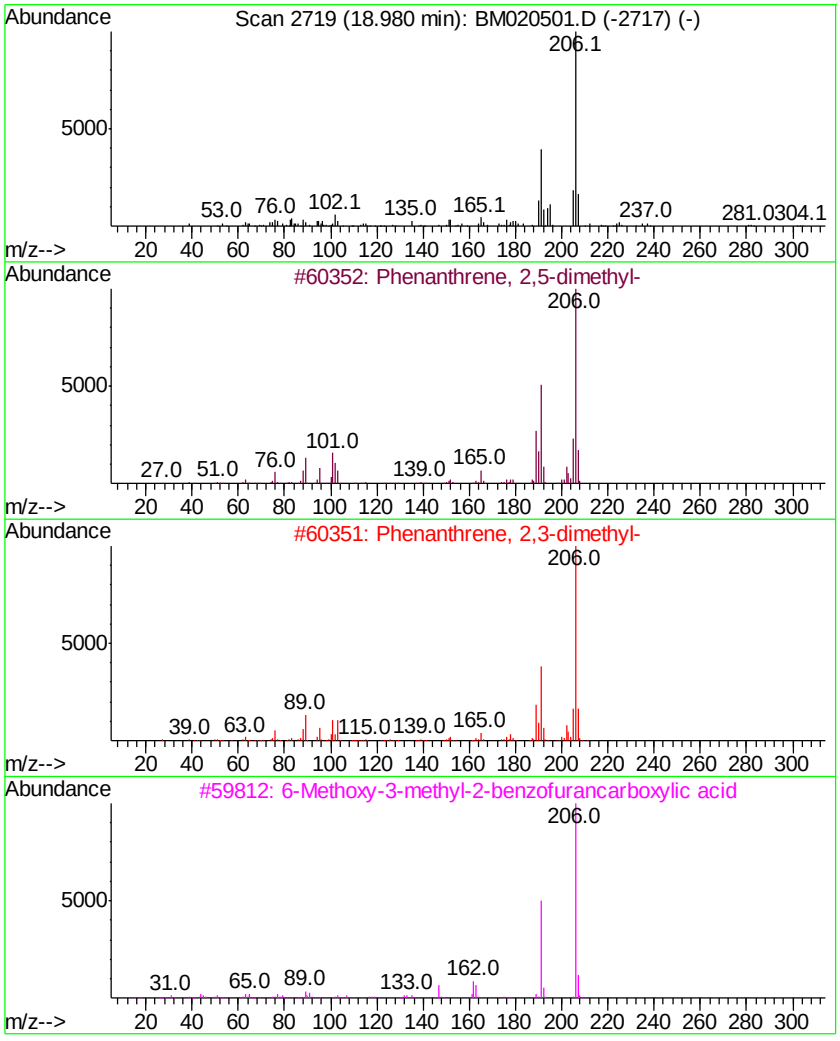
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

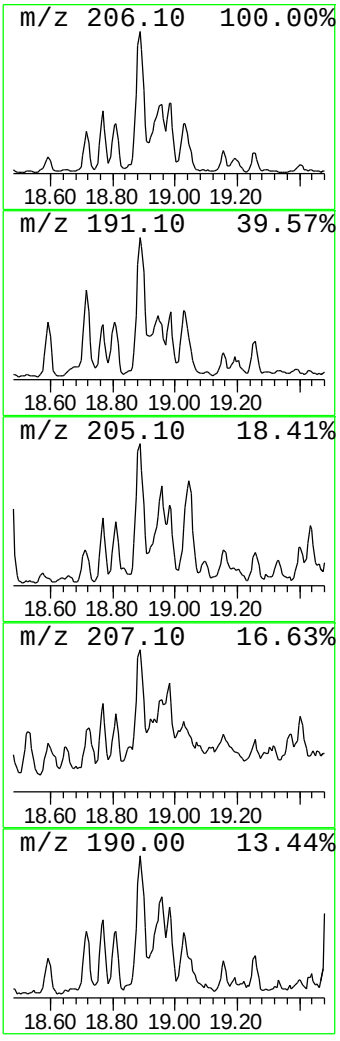
****

Peak Number 28 Phenanthrene, 2,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	5.20 ng/ul	288913	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	72
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72
3	6-Methoxy-3-methyl-2-benzofuranc...	206	C11H10O4	010410-29-4	64
4	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	64
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

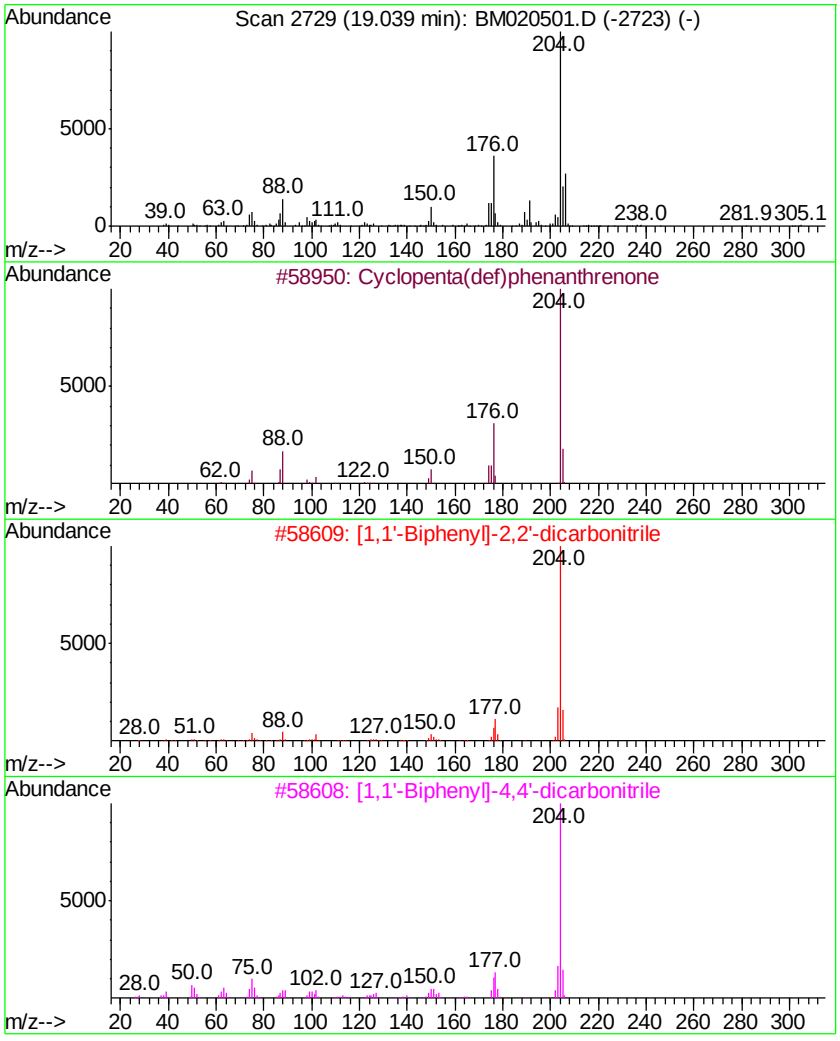
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

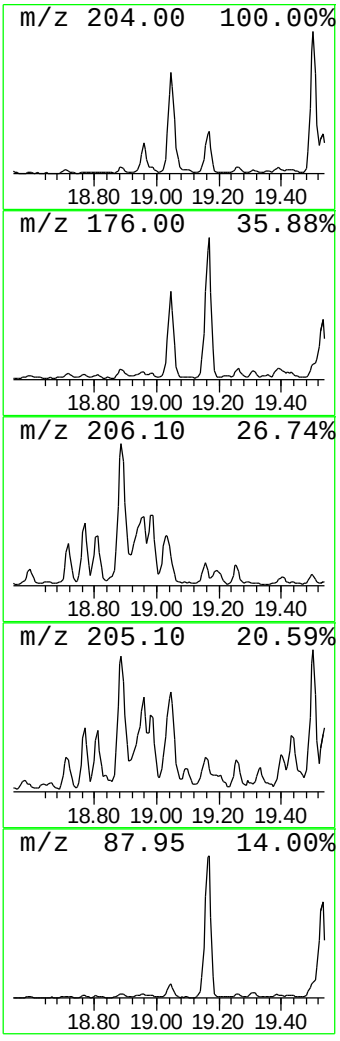
****

Peak Number 29 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	15.22 ng/ul	845280	Phenanthrene-d10	17.09

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	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

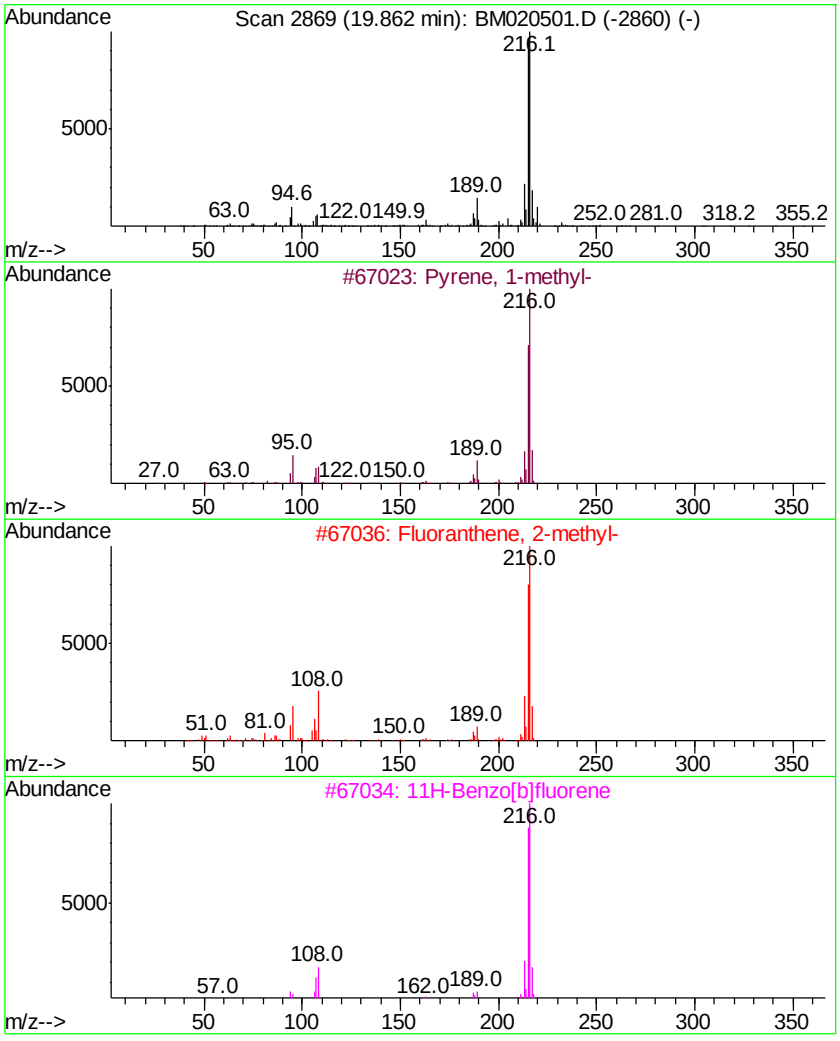
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

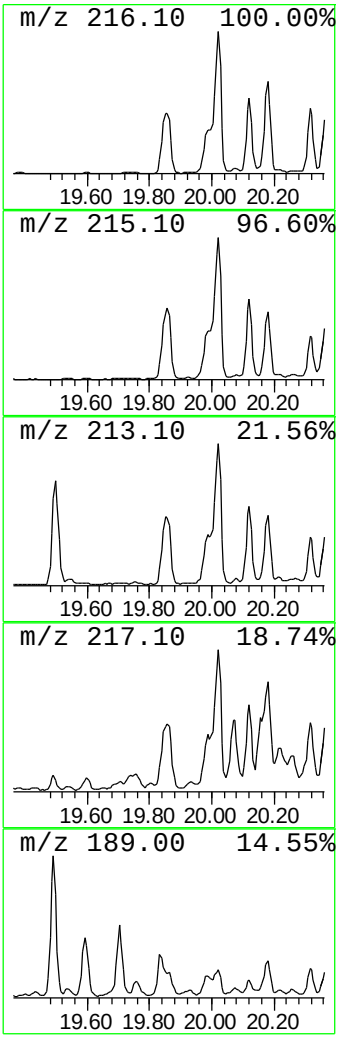
****

Peak Number 30 Pyrene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	3.22 ng/ul	1416200	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

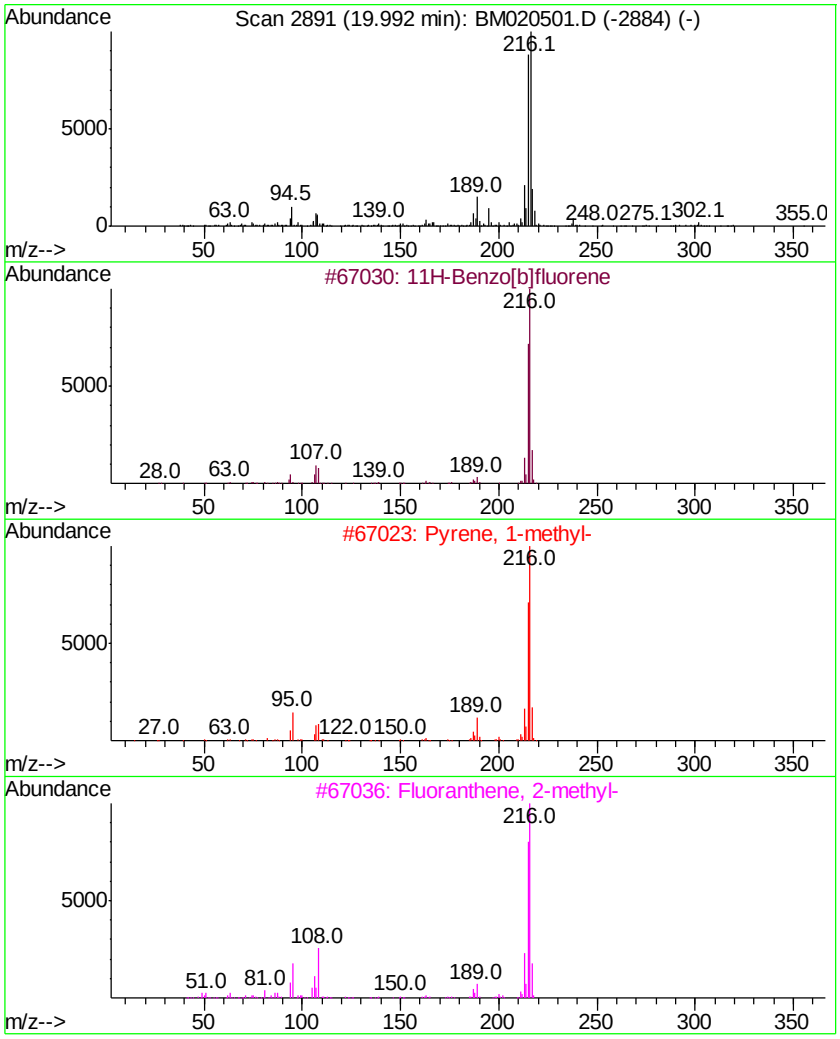
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

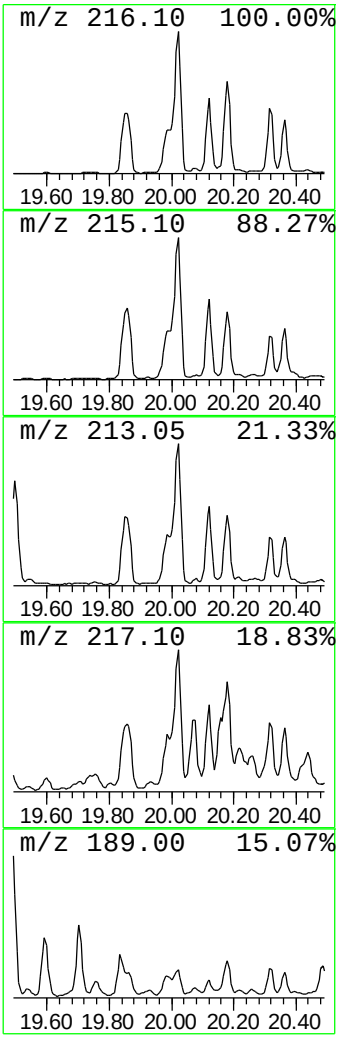
****

Peak Number 31 11H-Benzo[b]fluorene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.09 ng/ul	920969	Chrysene-d12	21.29

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,3-...	13.65	4.2	ng/ul	198022	3	14.34	947558	20.0
Diphenylmethane	15.55	2.7	ng/ul	129512	3	14.34	947558	20.0
[1,1'-Biphenyl]-4...	15.68	6.1	ng/ul	290742	3	14.34	947558	20.0
9H-Fluoren-9-ol	15.83	7.5	ng/ul	414917	4	17.09	1110810	20.0
Naphthalene, 1,2,...	16.06	2.7	ng/ul	150888	4	17.09	1110810	20.0
9H-Fluorene, 2-me...	16.40	6.7	ng/ul	371893	4	17.09	1110810	20.0
unknown-01	16.62	5.2	ng/ul	288095	4	17.09	1110810	20.0
Phenol, 4-(2-phen...	16.66	3.4	ng/ul	188288	4	17.09	1110810	20.0
9H-Fluoren-9-one	16.75	6.2	ng/ul	342091	4	17.09	1110810	20.0
8-Dimethylaminona...	16.82	5.2	ng/ul	290232	4	17.09	1110810	20.0
Dibenzothiophene	16.91	8.2	ng/ul	452570	4	17.09	1110810	20.0
Anthracene, 9-eth...	17.61	3.9	ng/ul	216854	4	17.09	1110810	20.0
unknown-02	17.67	4.3	ng/ul	241046	4	17.09	1110810	20.0
9-Acridinamine, 1...	17.81	2.7	ng/ul	148520	4	17.09	1110810	20.0
Phenanthrene, 1-m...	17.97	19.1	ng/ul	1063080	4	17.09	1110810	20.0
Phenanthrene, 2-m...	18.02	22.8	ng/ul	1264600	4	17.09	1110810	20.0
1H-Cyclopropa[l]p...	18.10	12.7	ng/ul	703946	4	17.09	1110810	20.0
4H-Cyclopenta[def...	18.16	32.9	ng/ul	1827490	4	17.09	1110810	20.0
Phenanthrene, 4-m...	18.20	11.0	ng/ul	610292	4	17.09	1110810	20.0
5,16[1',2']:8,13[...	18.47	14.1	ng/ul	782183	4	17.09	1110810	20.0
9,10-Anthracenedione	18.53	7.5	ng/ul	413791	4	17.09	1110810	20.0
Phenanthrene, 4,5...	18.72	6.2	ng/ul	344252	4	17.09	1110810	20.0
Phenanthrene, 3,6...	18.77	4.5	ng/ul	251807	4	17.09	1110810	20.0
di-p-Tolylacetylene	18.81	4.3	ng/ul	238142	4	17.09	1110810	20.0
unknown-03	18.96	7.6	ng/ul	423888	4	17.09	1110810	20.0
Phenanthrene, 2,5...	18.98	5.2	ng/ul	288913	4	17.09	1110810	20.0
Cyclopenta(def)ph...	19.04	15.2	ng/ul	845280	4	17.09	1110810	20.0
Pyrene, 1-methyl-	19.86	3.2	ng/ul	1416200	5	21.29	8809790	20.0
11H-Benzo[b]fluorene	19.99	2.1	ng/ul	920969	5	21.29	8809790	20.0