LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

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-BM101419MA.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	6.834	647	654	668	rVB2	698401	1282121	9.76%	0.645%
2	6.998	675	682	690	rBV	524414	844934	6.43%	0.425%
3	7.193	708	715	726	rVB	746760	1200508	9.14%	0.604%
4	7.657	787	794	802	rBV	1290931	2056230	15.65%	1.035%
5	8.369	908	915	922	rBV	729545	1190611	9.06%	0.599%
6	8.804	980	989	1000	rBV	689530	1152545	8.77%	0.580%
7	9.528	1102	1112	1121	rBV	540079	913322	6.95%	0.460%
8	10.063	1196	1203	1214	rVB	955374	1594270	12.13%	0.802%
9	10.439	1259	1267	1273	rBV	1728178	2906406	22.12%	1.463%
10	10.575	1283	1290	1305	rBV	497461	942411	7.17%	0.474%
11	12.110	1543	1551	1558	rVB	231178	386220	2.94%	0.194%
12	12.333	1582	1589	1595	rBV	237618	377922	2.88%	0.190%
13	13.333	1754	1759	1768	rVB	147592	289270	2.20%	0.146%
14	13.475	1776	1783	1792	rVB4	121351	324299	2.47%	0.163%
15	13.627	1799	1809	1814	rBV	295044	527466	4.01%	0.265%
16	13.722	1820	1825	1829	rVV	1874329	2608032	19.85%	1.312%
17	13.769	1829	1833	1840	rVB	694590	949362	7.22%	0.478%
18	13.863	1845	1849	1853	rVV	160089	243563	1.85%	0.123%
19	13.998	1864	1872	1886	rBV	2102348	3497457	26.62%	1.760%
20	14.304	1917	1924	1930	rBV	2590341	4026566	30.64%	2.026%
21	14.369	1930	1935	1944	rVV	686229	999098	7.60%	0.503%
22	14.504	1952	1958	1970	rBV2	471805	985229	7.50%	0.496%
23	14.616	1972	1977	1981	rVV2	146425	267998	2.04%	0.135%
24	14.710	1987	1993	2001	rVB4	220665	547752	4.17%	0.276%
25	15.304	2081	2094	2099	rBV	2877260	4388786	33.40%	2.209%
26	15.357	2099	2103	2108	rVB	622772	858177	6.53%	0.432%
27	15.421	2108	2114	2117	rBV	421308	618481	4.71%	0.311%
28	15.480	2122	2124	2128	rVV	222617	273471	2.08%	0.138%
29	15.521	2128	2131	2136	rVV3	216646	321109	2.44%	0.162%
30	15.804	2174	2179	2187	rVB4	117921	308806	2.35%	0.155%
31	15.886	2187	2193	2202	rVB6	100634	242661	1.85%	0.122%
32	16.027	2209	2217	2224	rVV6	194617	507989	3.87%	0.256%
33	16.345	2264	2271	2272	rBV2	202553	347470	2.64%	0.175%
34	16.363	2272	2274	2278	rVV2	236135	330368	2.51%	0.166%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

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-BM101419MA.M
Title : SVOA CALIBRATION

35	16.410	2278	2282	2288	rVV2	247784	426612	3.25%	0.215%
36	16.510	2296	2299	2305	rVB3	157023	253072	1.93%	0.127%
37	16.704	2327	2332	2341	rVB	378531	644484	4.90%	0.324%
38	16.792	2341	2347	2352	rBV4	128730	306870	2.34%	0.154%
39	16.868	2355	2360	2364	rVB	471617	646045	4.92%	0.325%
40	17.051	2385	2391	2394	rBV2	3188231	4563845	34.73%	2.297%
41	17.092	2394	2398	2403	rVV	7087150	10158735	77.31%	5.112%
42	17.151	2403	2408	2411	rVV	3524387	5069738	38.58%	2.551%
43	17.186	2411	2414	2419	rVB	1518139	1963989	14.95%	0.988%
44	17.251	2420	2425	2430	rBV2	157345	283843	2.16%	0.143%
45	17.451	2455	2459	2464	rBV	187816	286422	2.18%	0.144%
46	17.633	2485	2490	2496	rBV	622898	882923	6.72%	0.444%
47	17.774	2510	2514	2521	rVB	328621	587153	4.47%	0.295%
48	17.927	2535	2540	2544	rVV	1971376	2837801	21.60%	1.428%
49	17.974	2544	2548	2556	rVB	2287121	3324654	25.30%	1.673%
50	18.057	2556	2562	2567	rBV	685340	1086054	8.27%	0.547%
51	18.115	2567	2572	2577	rVV2	2411093	4588968	34.92%	2.309%
52	18.157	2577	2579	2588	rVB	1547872	2028973	15.44%	1.021%
53	18.274	2596	2599	2604	rVB2	183040	250670	1.91%	0.126%
54	18.333	2605	2609	2613	rVB3	204964	279364	2.13%	0.141%
55	18.433	2622	2626	2629	rBV	944462	1257354	9.57%	0.633%
56	18.468	2629	2632	2644	rVB2	1054487	1632132	12.42%	0.821%
57	18.562	2644	2648	2651	rBV	315550	433202	3.30%	0.218%
58	18.657	2659	2664	2665	rBV2	206496	284132	2.16%	0.143%
59	18.686	2665	2669	2673	rVV	615439	965587	7.35%	0.486%
60	18.733	2673	2677	2680	rVV	466325	671073	5.11%	0.338%
61	18.768	2680	2683	2688	rVB2	391403	555926	4.23%	0.280%
62	18.857	2693	2698	2702	rVV	1371402	2127353	16.19%	1.071%
63	18.915	2702	2708	2711	rVV4	798425	1556053	11.84%	0.783%
64	18.951	2711	2714	2717	rVV	405649	479281	3.65%	0.241%
65	18.992	2717	2721	2729	rVV3	815843	1570366	11.95%	0.790%
66	19.115	2737	2742	2748	rVB	7075340	9239549	70.32%	4.650%
67	19.186	2751	2754	2757	rVV	348964	474286	3.61%	0.239%
68	19.221	2757	2760	2764	rVB4	297109	412522	3.14%	0.208%
69	19.315	2772	2776	2780	rBV4	400014	597720	4.55%	0.301%
70	19.362	2781	2784	2788	rVB4	264364	370597	2.82%	0.186%
71	19.451	2794	2799	2801	rBV2	5581116	8099459	61.64%	4.076%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

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-BM101419MA.M
Title : SVOA CALIBRATION

72	19.480	2801	2804	2812	rVB	8443238	11088530	84.39%	5.580%
73	19.657	2831	2834	2837	rBV2	279135	302513	2.30%	0.152%
74	19.721	2842	2845	2851	rVB3	370791	565419	4.30%	0.285%
75	19.809	2855	2860	2866	rBV2	934662	1911940	14.55%	0.962%
76	19.898	2872	2875	2878	rBV3	296628	376888	2.87%	0.190%
77	19.945	2879	2883	2885	rVV3	781182	1262715	9.61%	0.635%
78	19.974	2885	2888	2894	rVB	1558032	2304476	17.54%	1.160%
79	20.080	2902	2906	2910	rVB	976780	1233762	9.39%	0.621%
80	20.139	2911	2916	2919	rBV2	1387078	1947213	14.82%	0.980%
81	20.174	2919	2922	2927	rVB	415928	626985	4.77%	0.316%
82	20.274	2935	2939	2943	rBV	1011472	1316376	10.02%	0.662%
83	20.321	2943	2947	2952	rVB	1142886	1426919	10.86%	0.718%
84	20.533	2981	2983	2986	rBV3	226842	264159	2.01%	0.133%
85	20.727	3012	3016	3023	rVB	781188	1368957	10.42%	0.689%
86	20.892	3038	3044	3047	rBV2	1064574	1994753	15.18%	1.004%
87	20.927	3048	3050	3054	rVB	796372	873354	6.65%	0.439%
88	20.986	3054	3060	3063	rBV2	1244927	2161191	16.45%	1.088%
89	21.192	3090	3095	3098	rBV	10151052	11371693	86.54%	5.723%
90	21.233	3098	3102	3107	rVV2	6648363	13140054	100.00%	6.612%
91	21.280	3107	3110	3117	rVB	4876740	6396633	48.68%	3.219%
92	21.398	3128	3130	3134	rBV	446402	520269	3.96%	0.262%
93	21.798	3195	3198	3202	rVB	1237052	1553396	11.82%	0.782%
94	21.845	3203	3206	3209	rBV	721719	953487	7.26%	0.480%
95	22.315	3282	3286	3287	rBV2	857279	1124604	8.56%	0.566%
96	22.797	3363	3368	3372	rBV2	2725442	5634823	42.88%	2.836%
97	23.268	3443	3448	3452	rBV	1736099	3126807	23.80%	1.573%
98	23.315	3452	3456	3460	rVV	3263148	5678608	43.22%	2.858%
99	23.362	3460	3464	3469	rVB	2500975	4034200	30.70%	2.030%
100	23.456	3475	3480	3485	rVB	2899154	4650324	35.39%	2.340%

Sum of corrected areas: 198718765

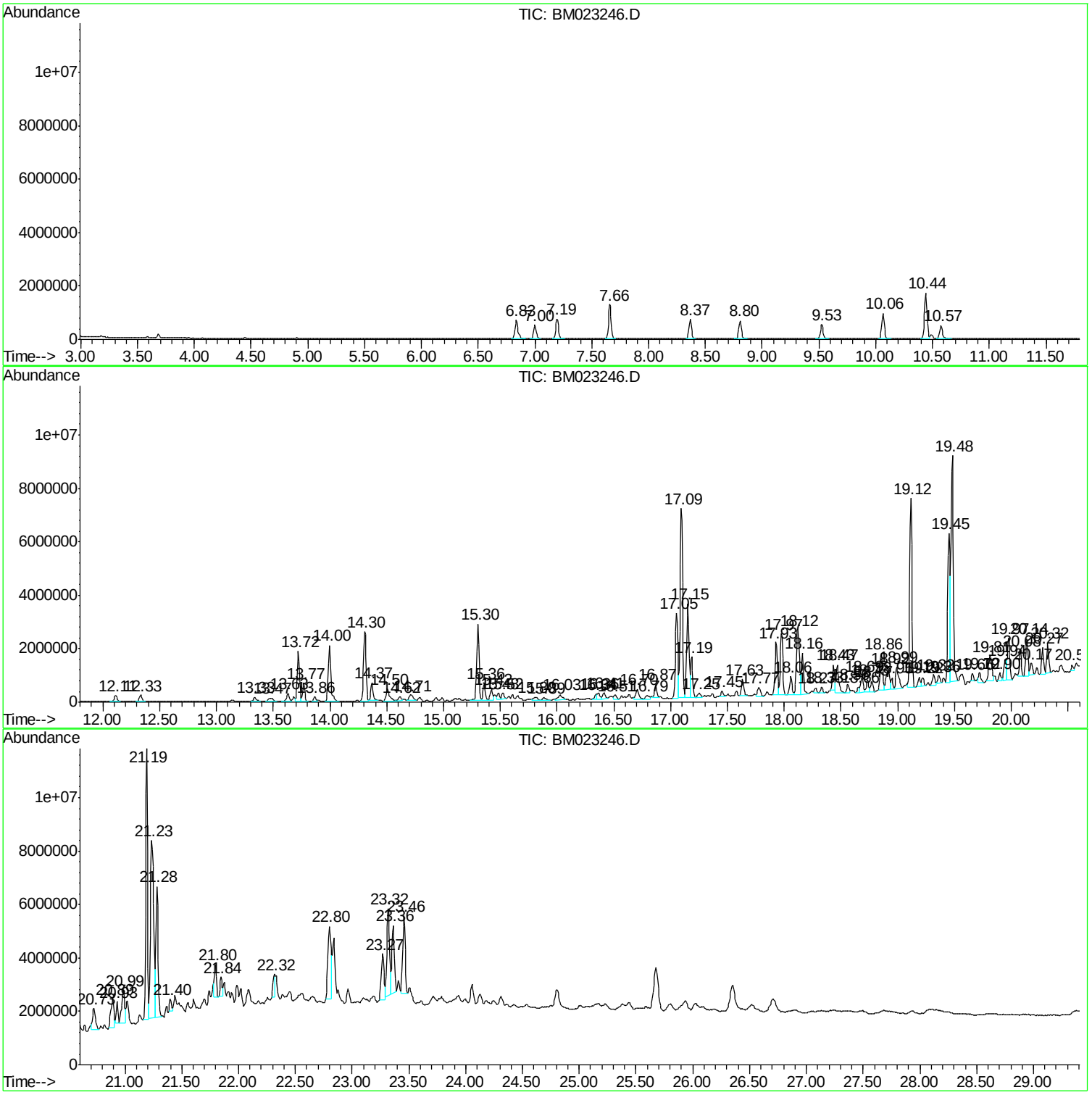
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

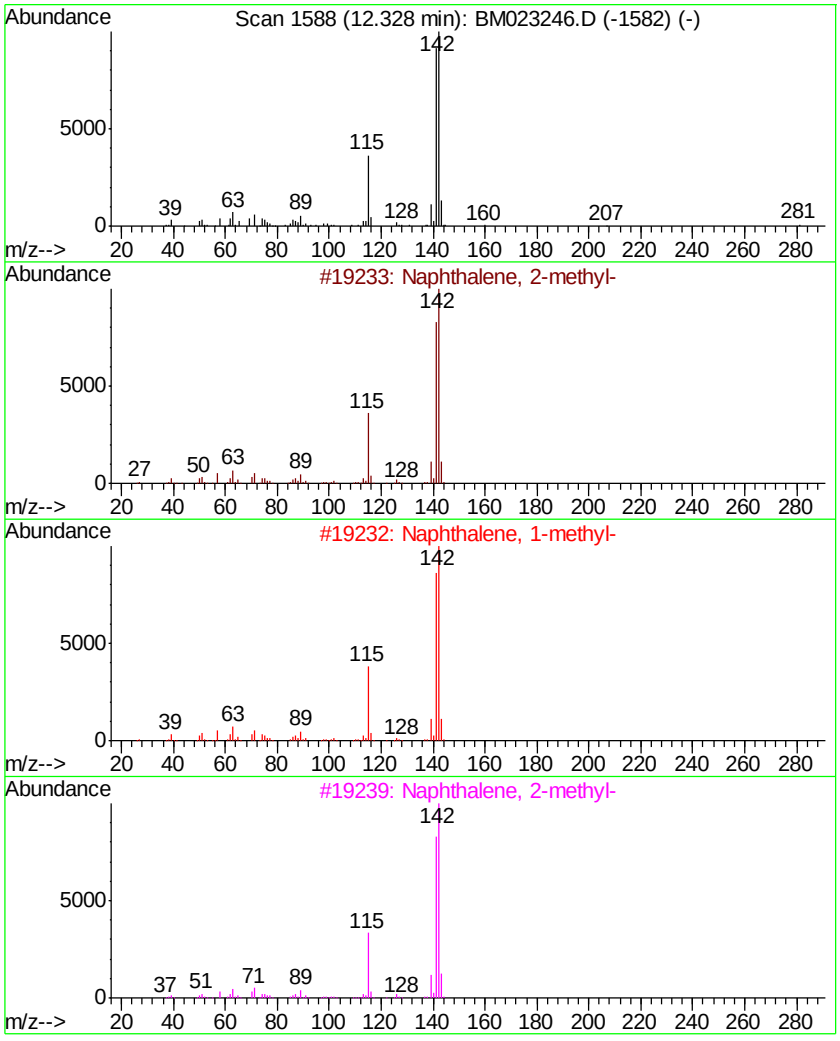
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

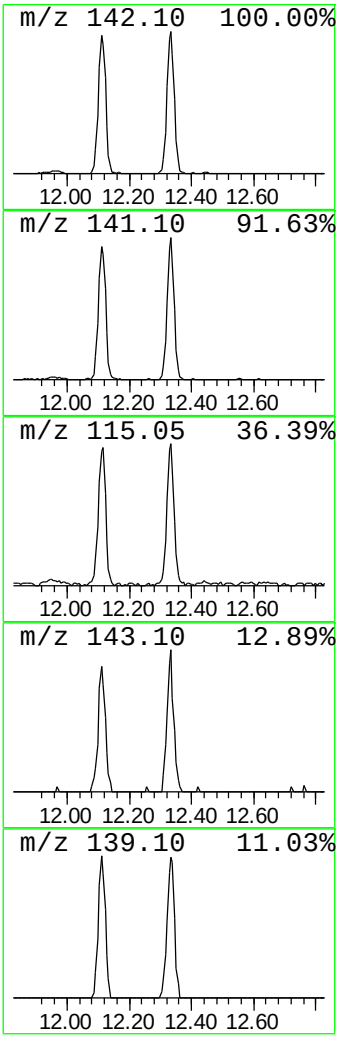
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.60 ng/ul	377922	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

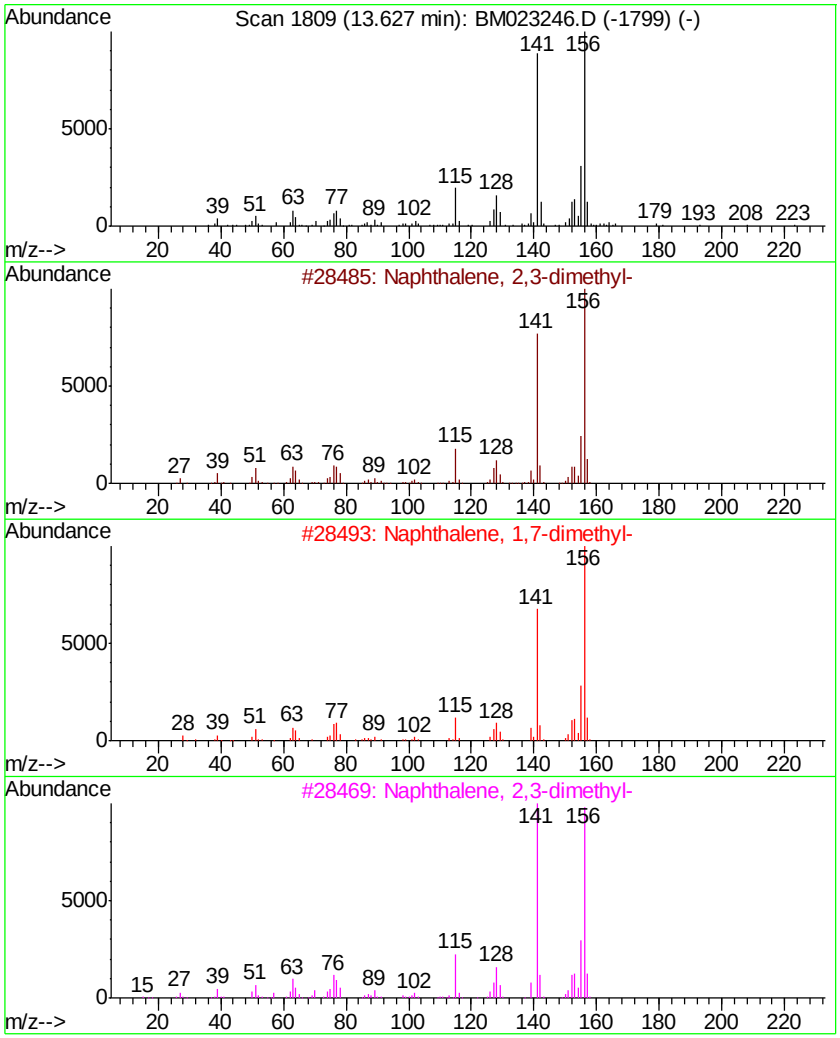
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

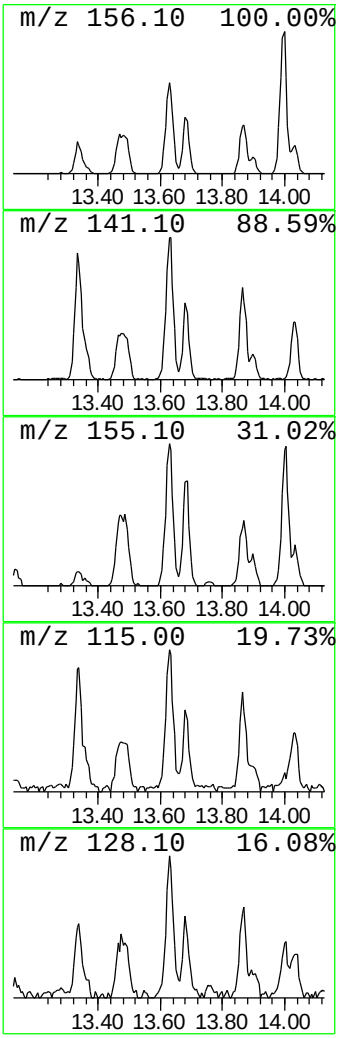
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.62 ng/ul	527466	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

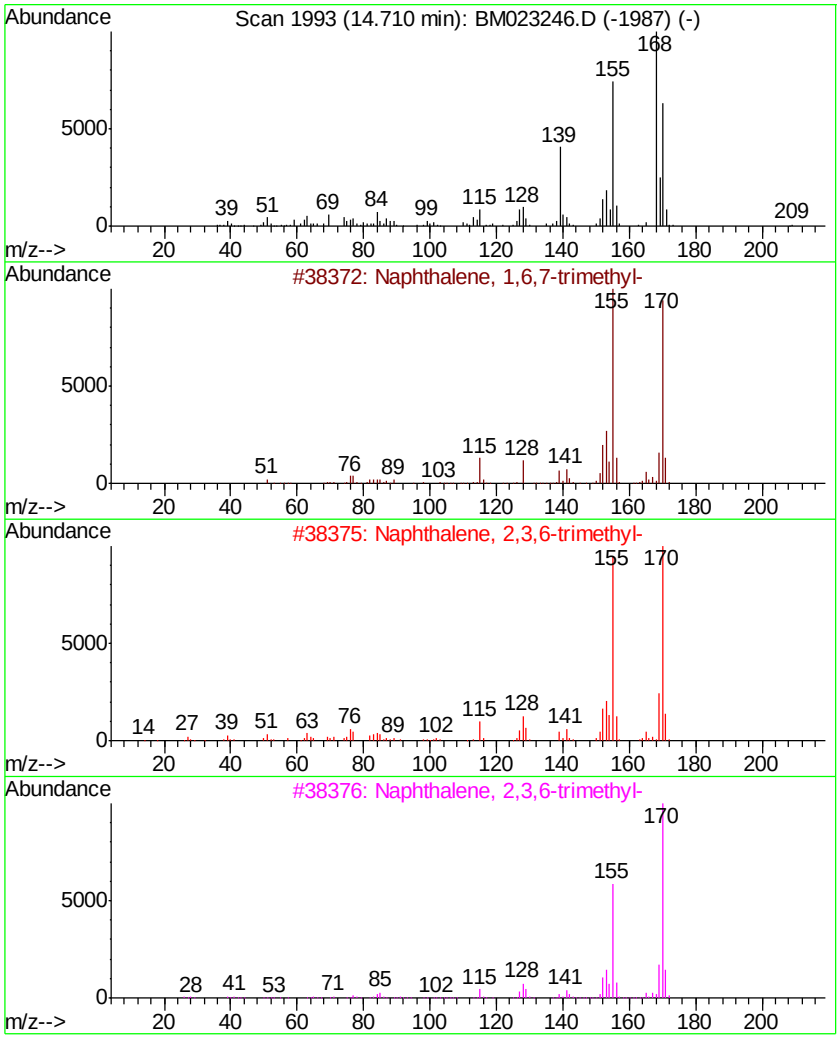
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

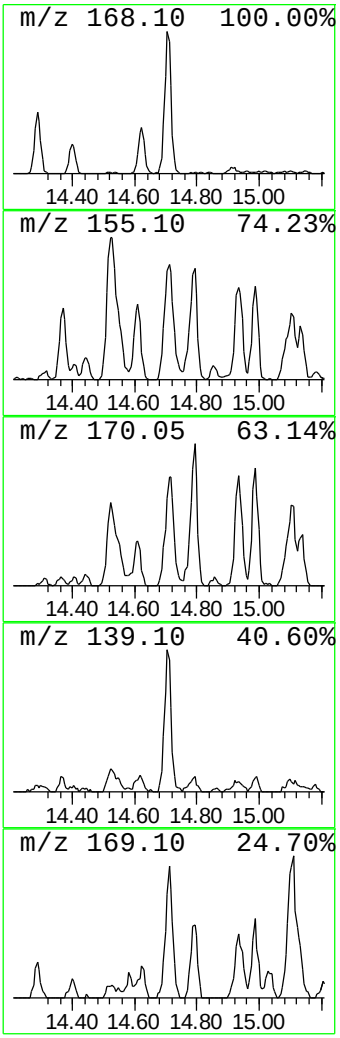
****

Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.72 ng/ul	547752	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

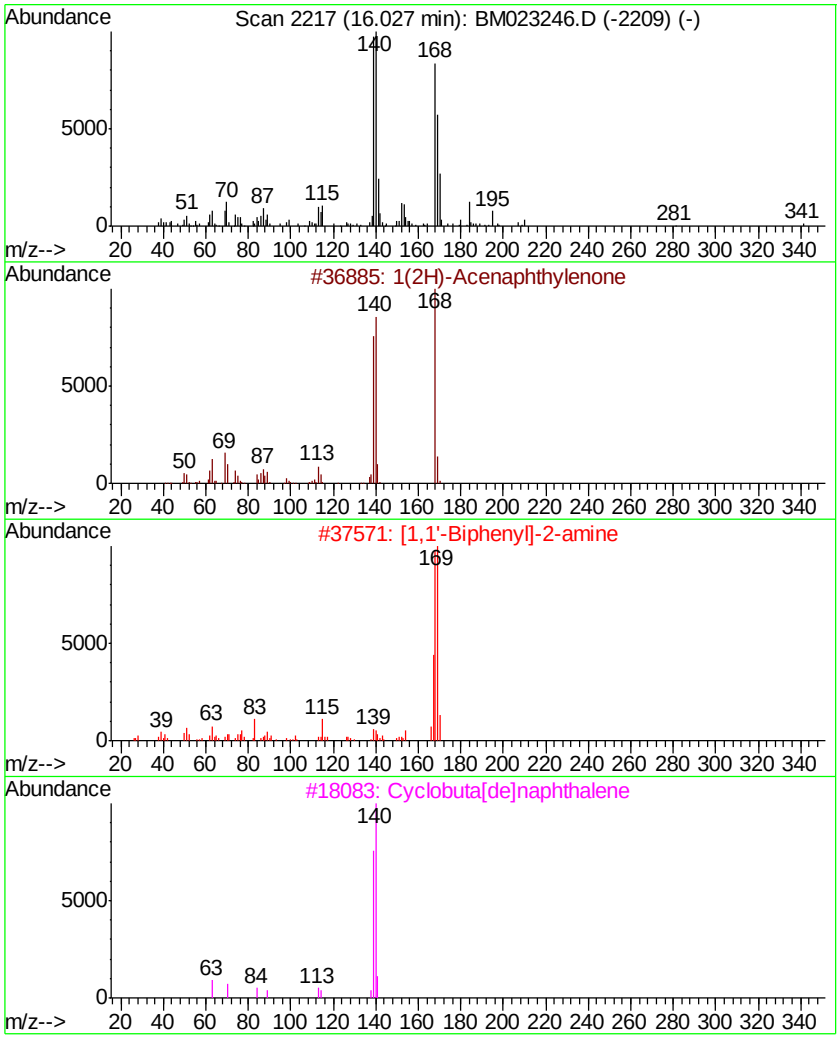
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

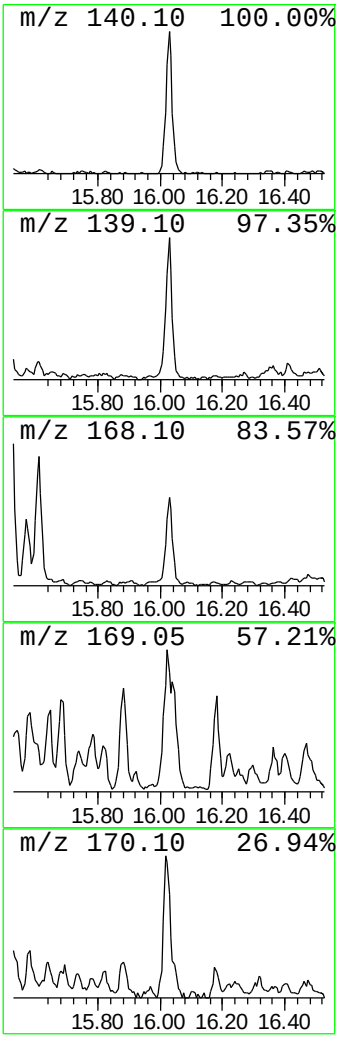
****

Peak Number 4 1(2H)-Acenaphthylenone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.23 ng/ul	507989	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	60
2	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	43
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43
4	Benzoic acid, 4-chloro-, methyl ...	170	C8H7ClO2	001126-46-1	25
5	Zoxazolamine	168	C7H5ClN2O	000061-80-3	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

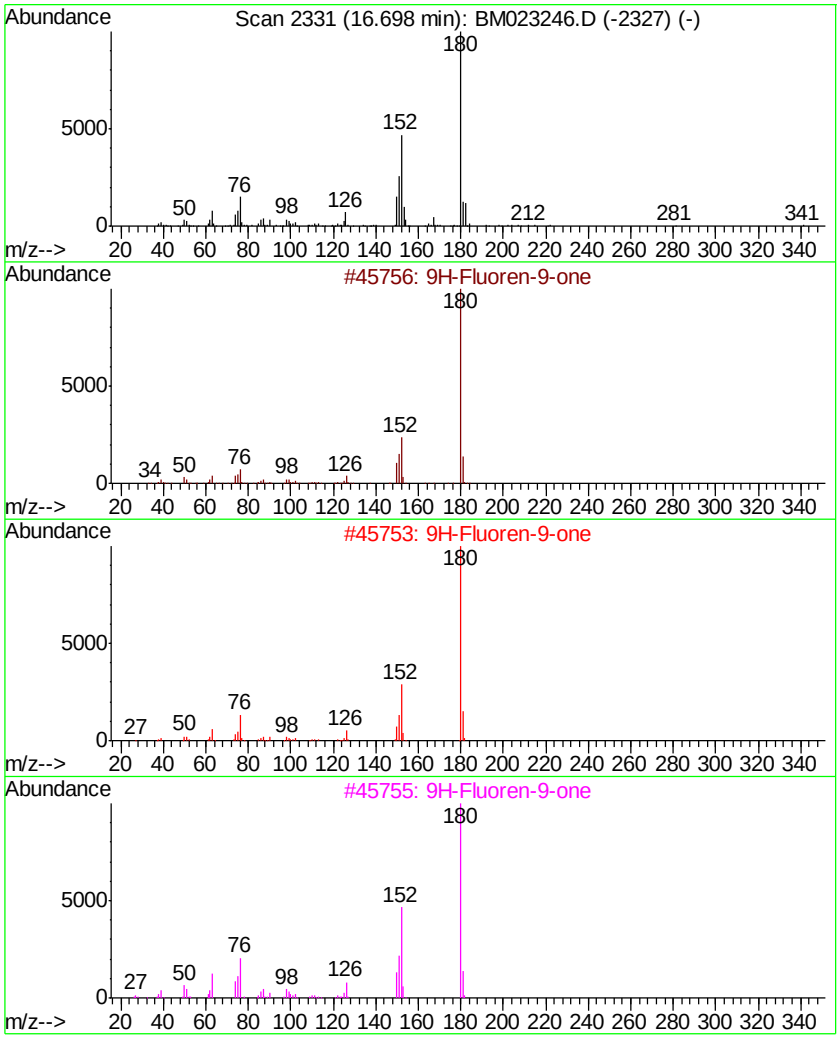
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

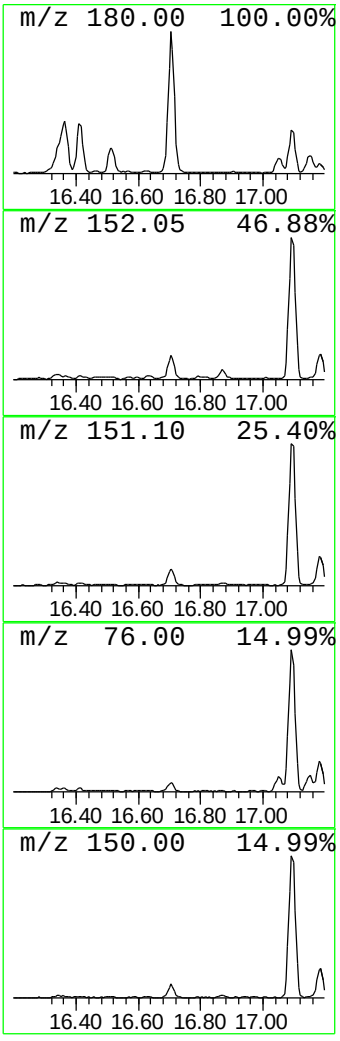
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.82 ng/ul	644484	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

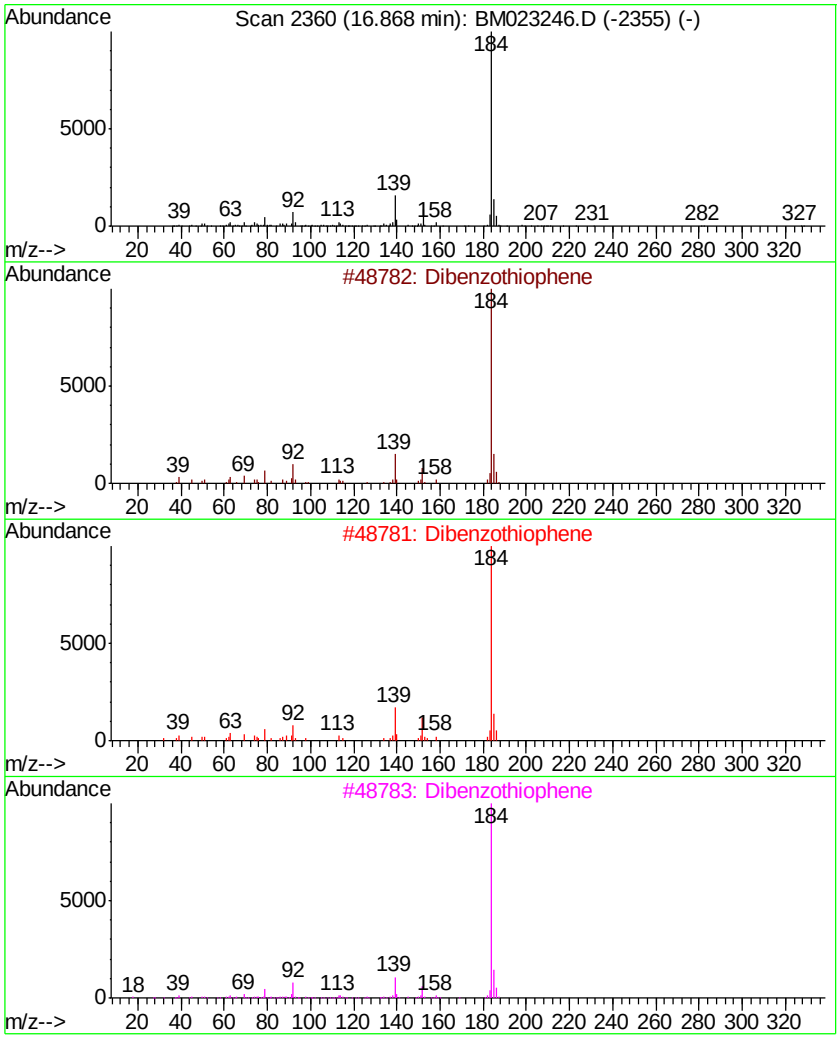
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

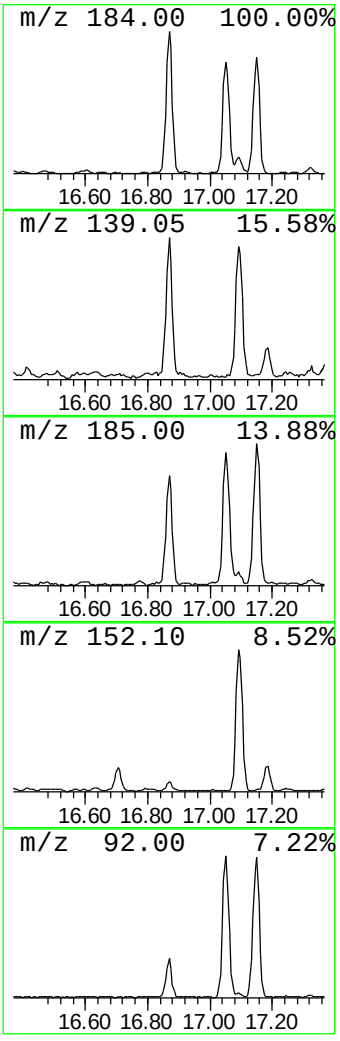
****

Peak Number 6 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	2.83 ng/ul	646045	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

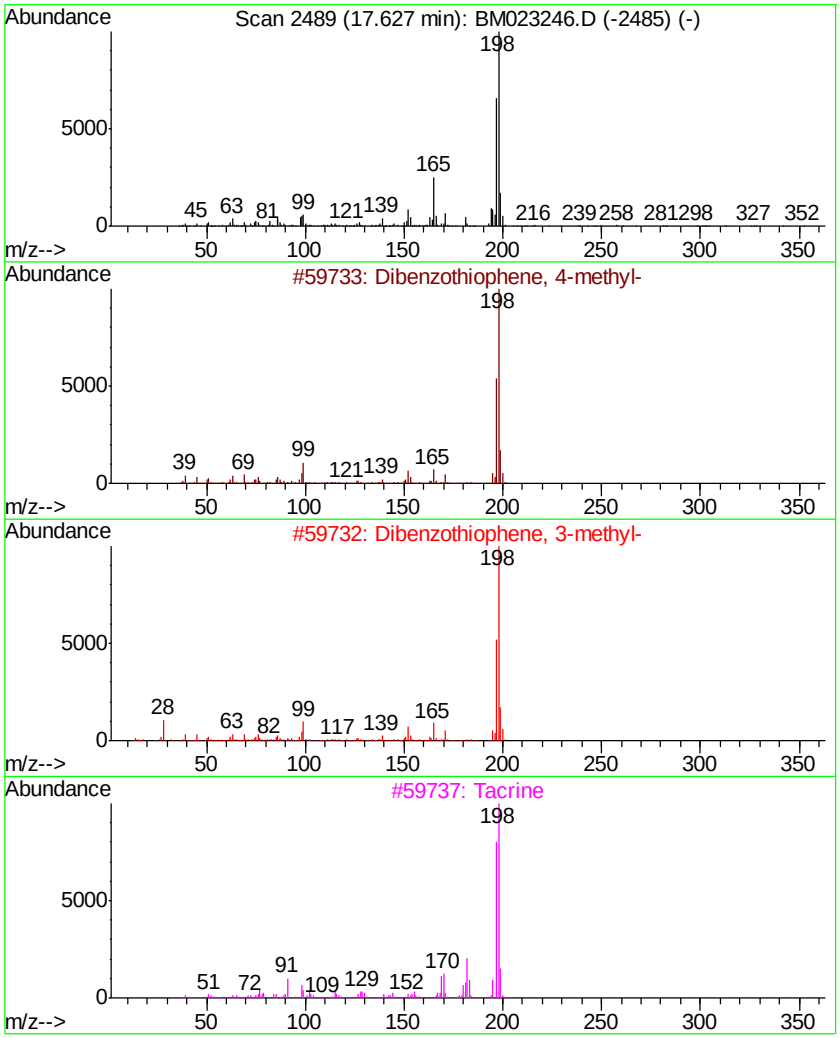
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

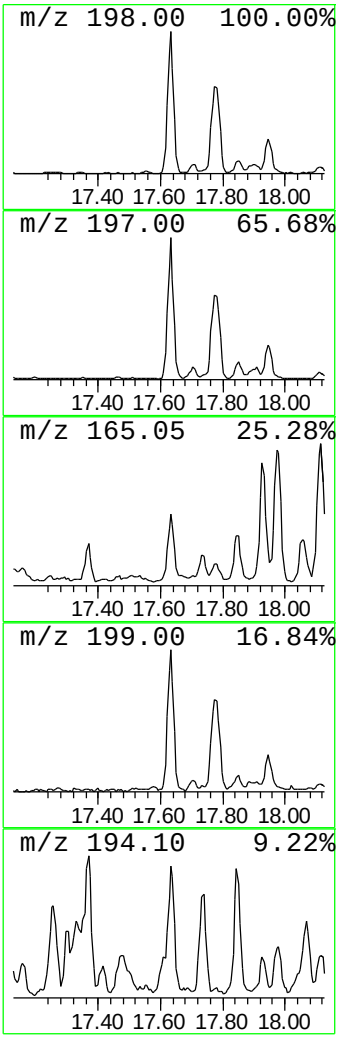
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dibenzothiophene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	3.87 ng/ul	882923	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
3	Tacrine	198	C13H14N2	000321-64-2	64
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	59
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

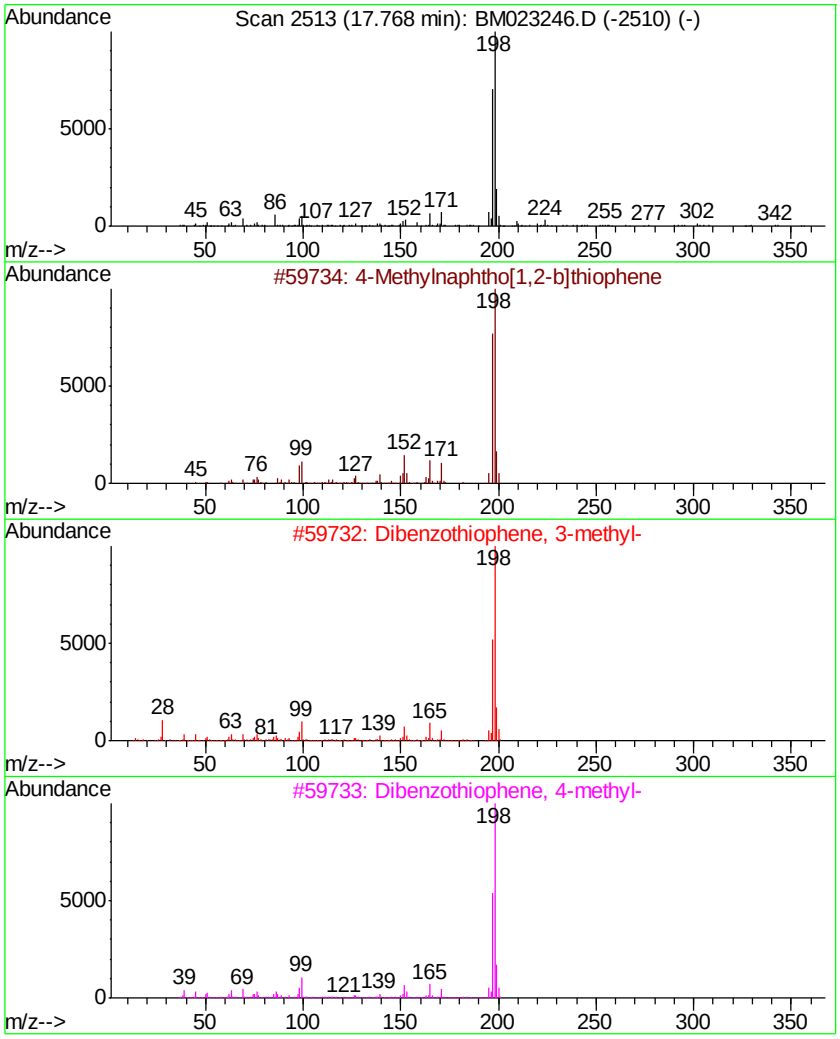
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

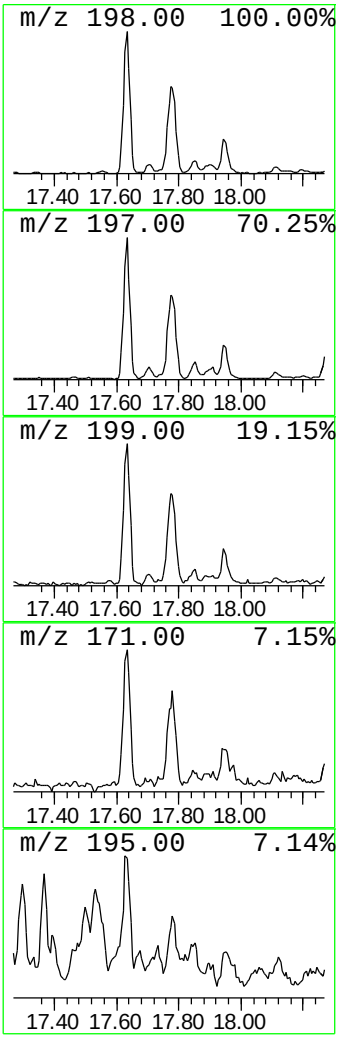
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.57 ng/ul	587153	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	91
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	83
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

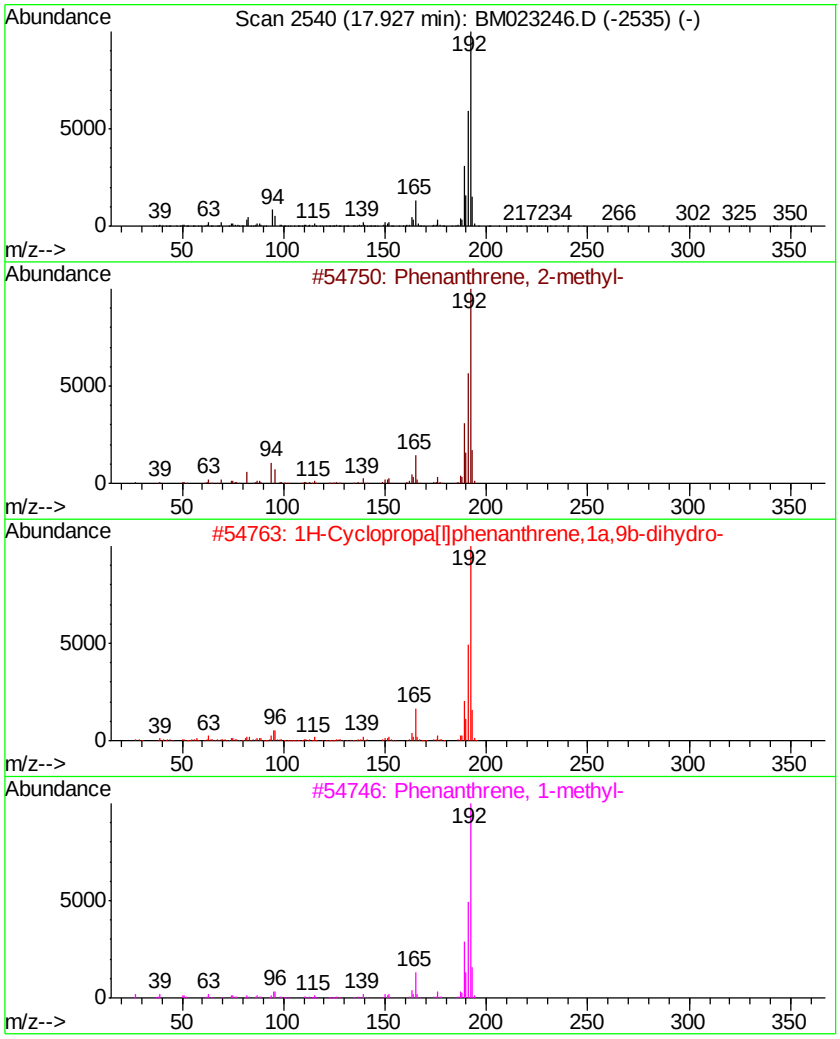
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

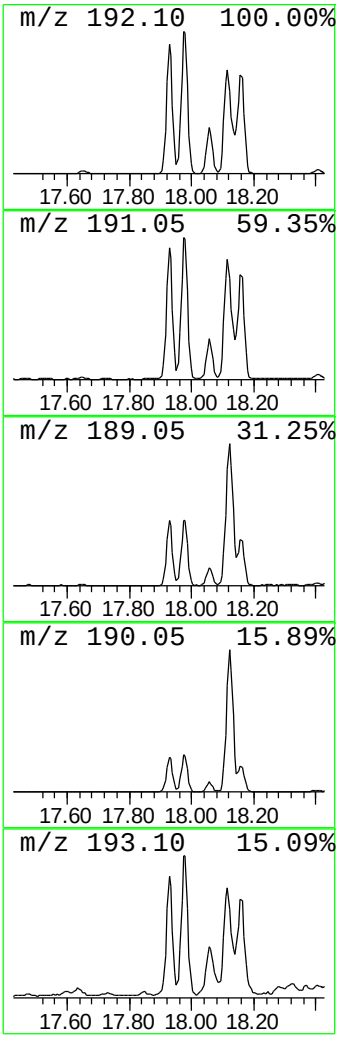
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	12.44 ng/ul	2837800	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

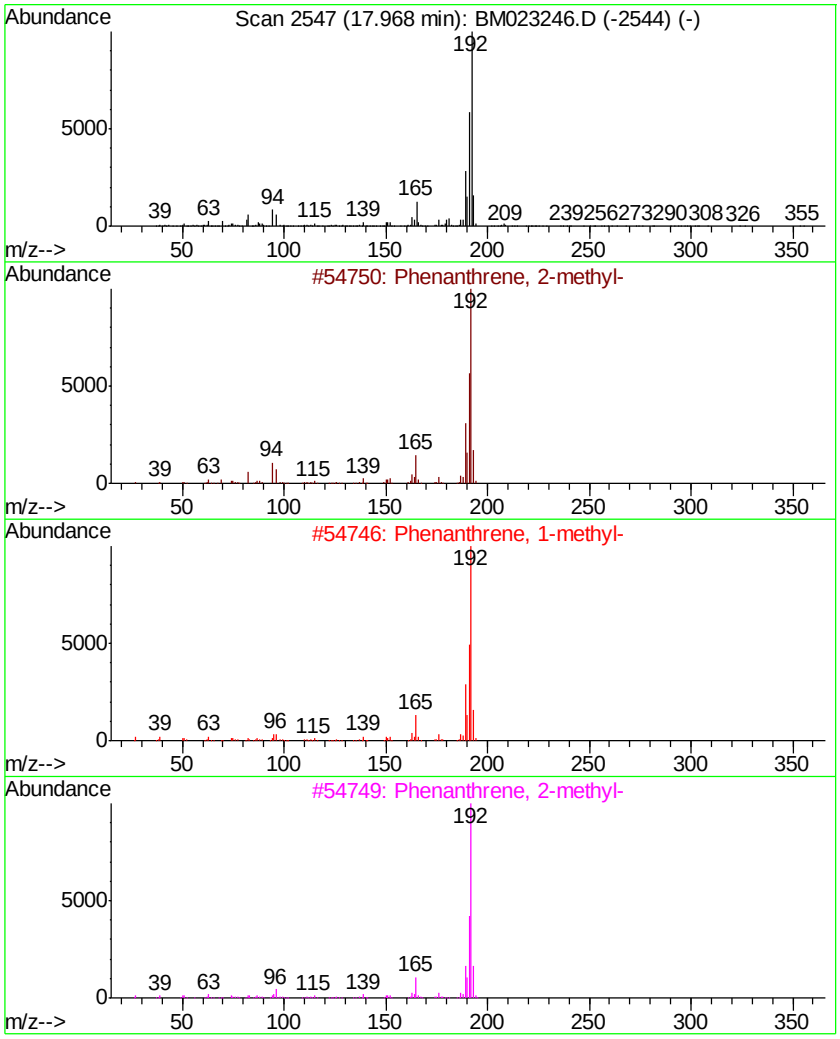
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

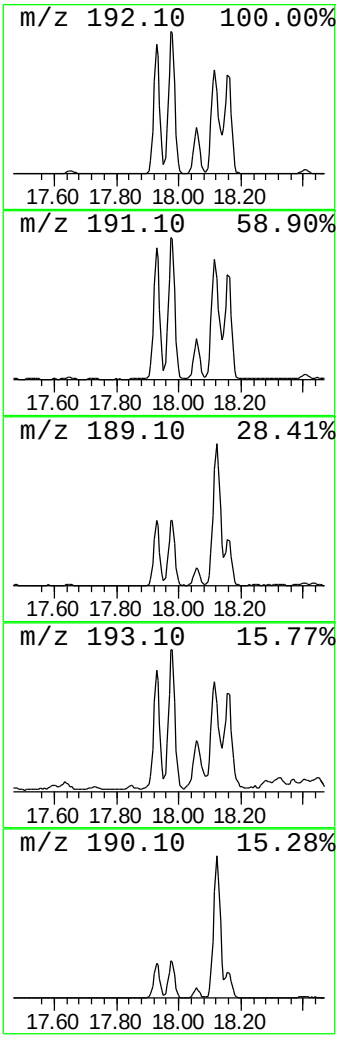
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	14.57 ng/ul	3324650	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
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-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

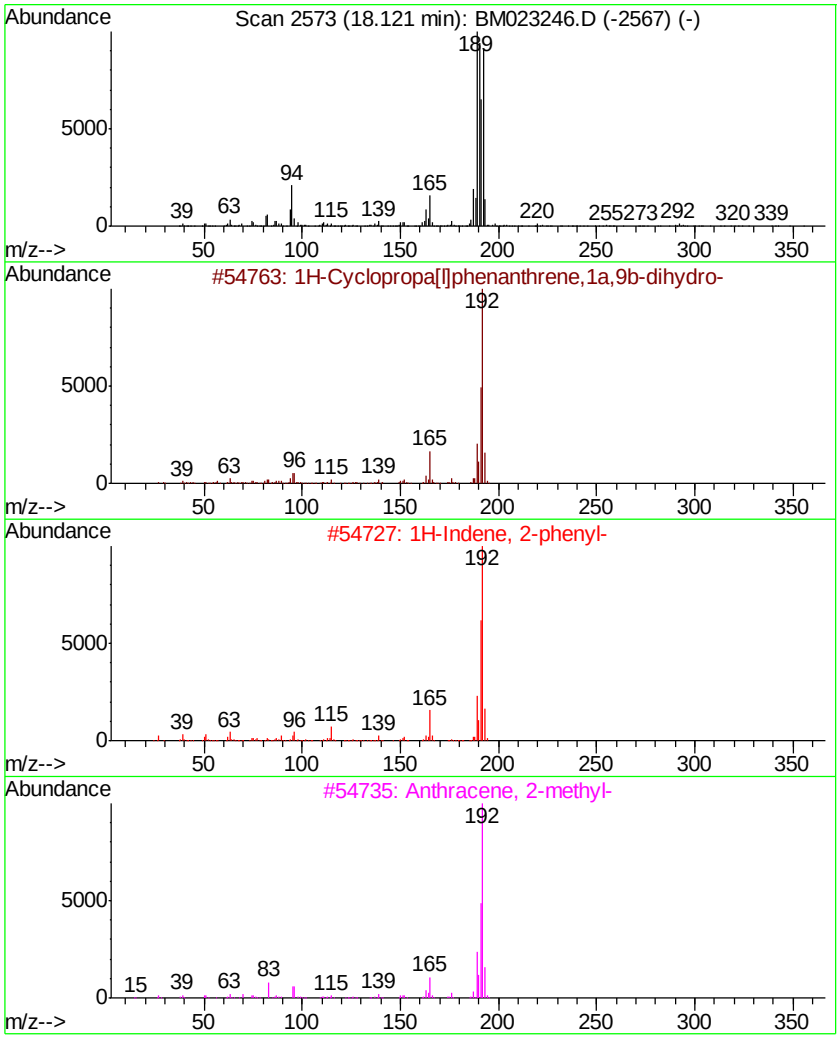
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

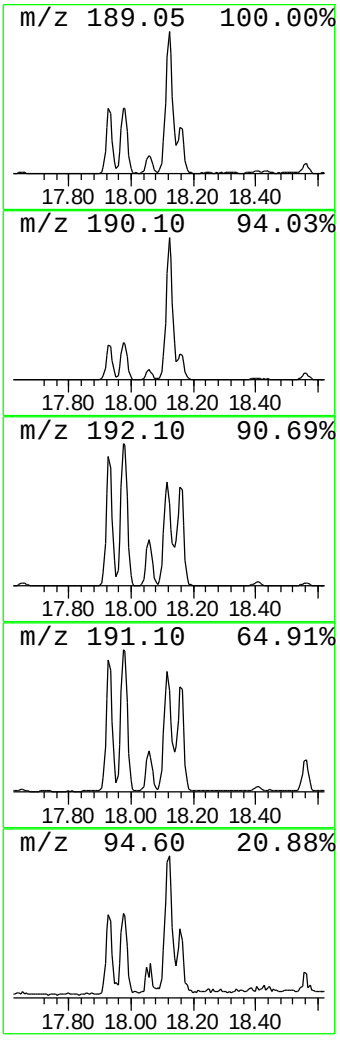
****

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	20.11 ng/ul	4588970	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

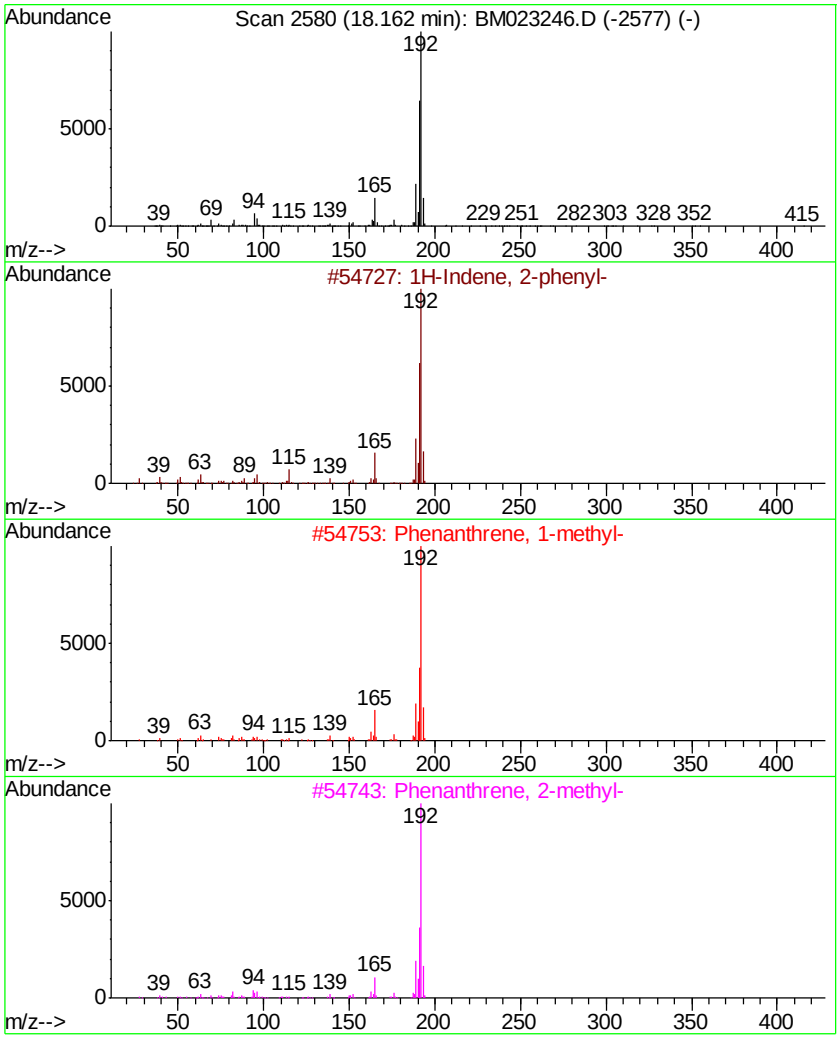
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

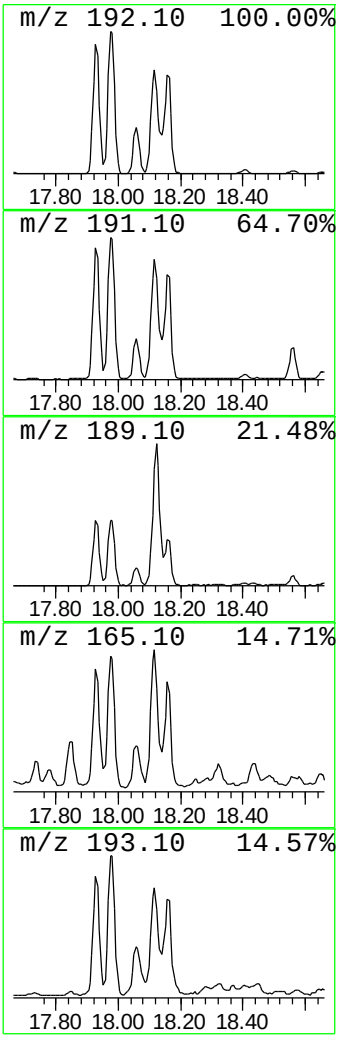
****

Peak Number 13 1H-Indene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	8.89 ng/ul	2028970	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

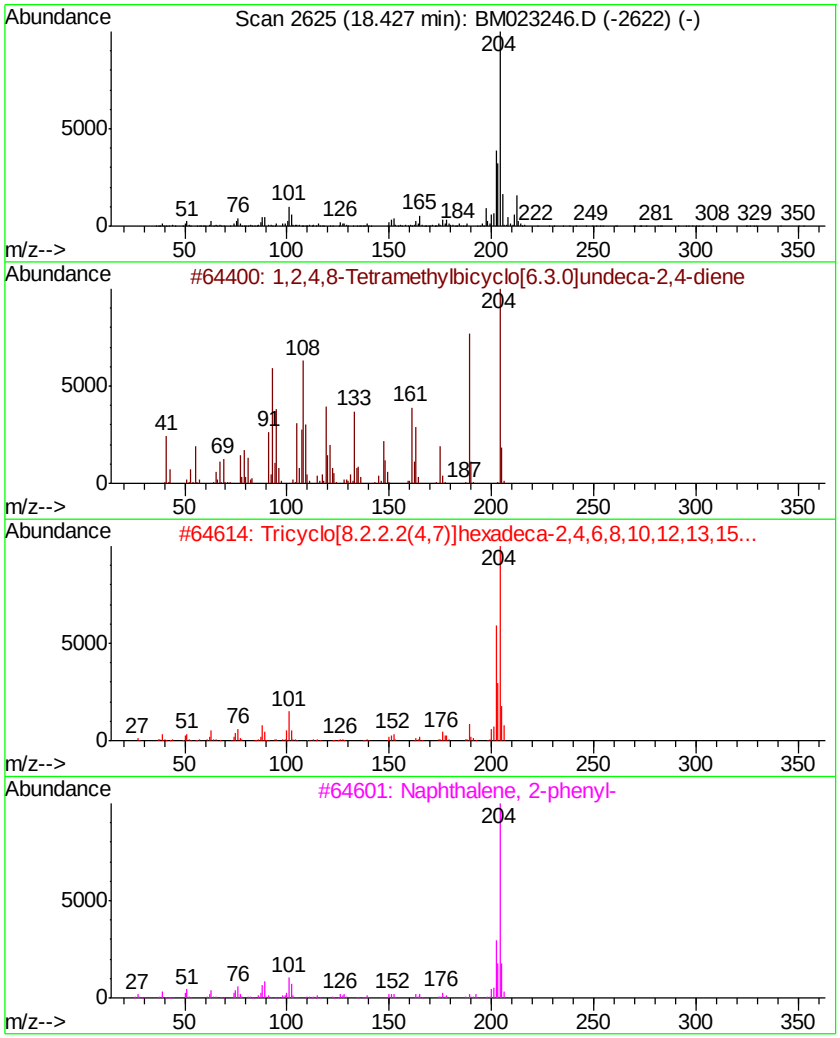
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

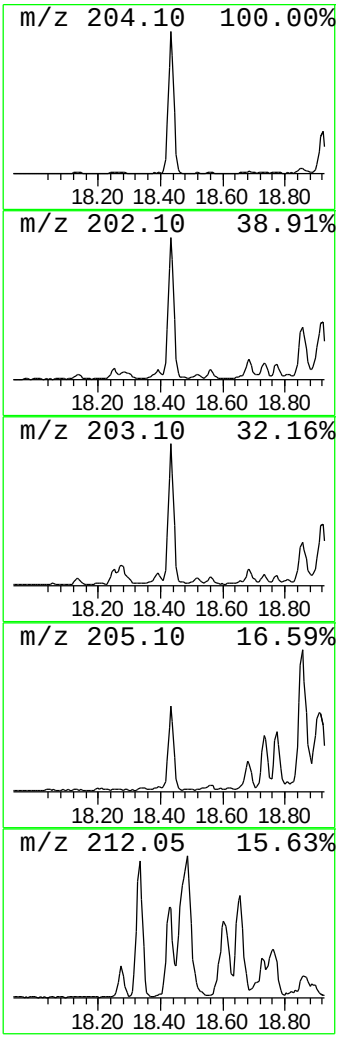
****

Peak Number 14 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	5.51 ng/ul	1257350	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

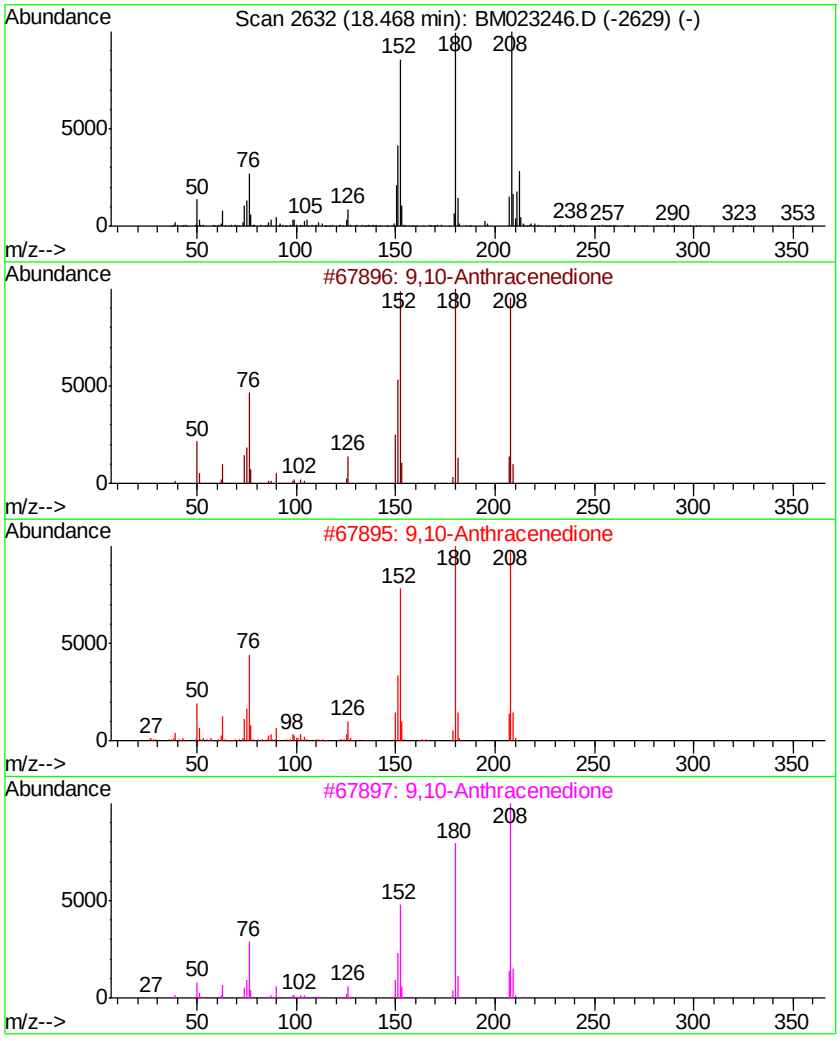
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

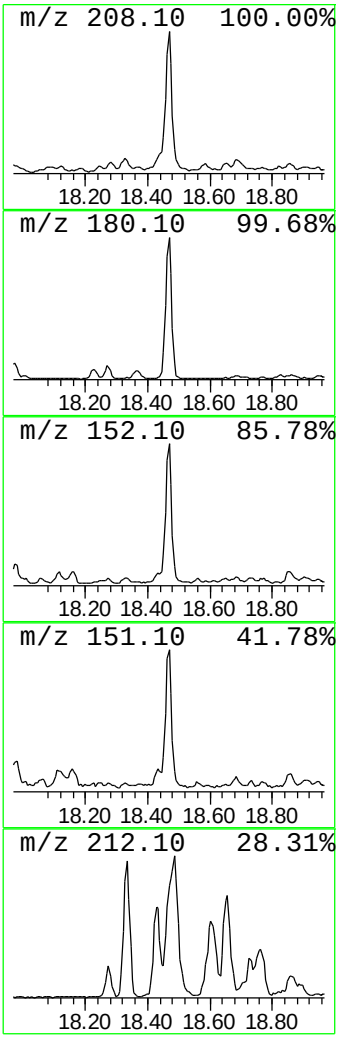
****

Peak Number 15 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	7.15 ng/ul	1632130	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

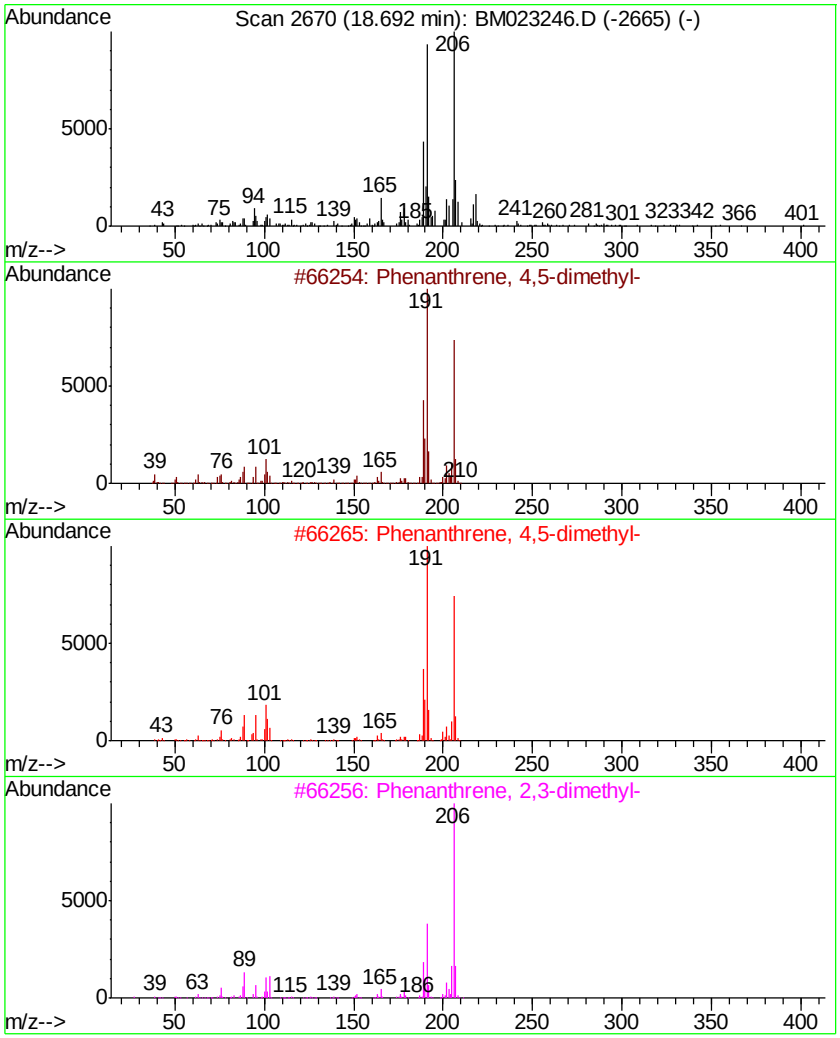
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

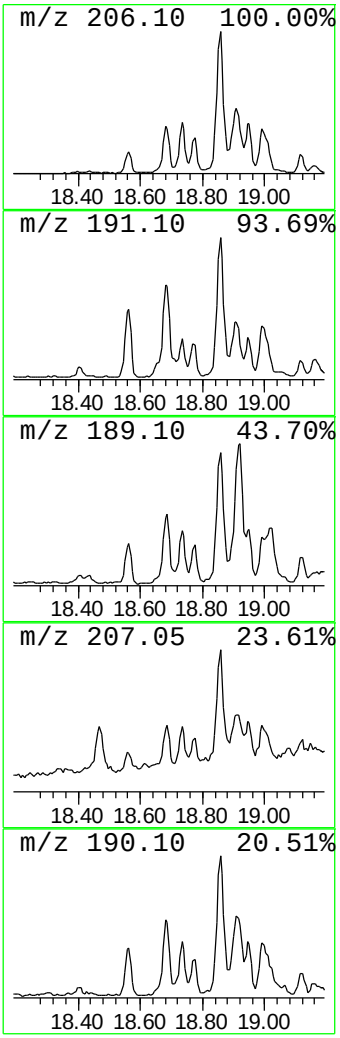
****

Peak Number 16 Phenanthrene, 4,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	4.23 ng/ul	965587	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	87
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

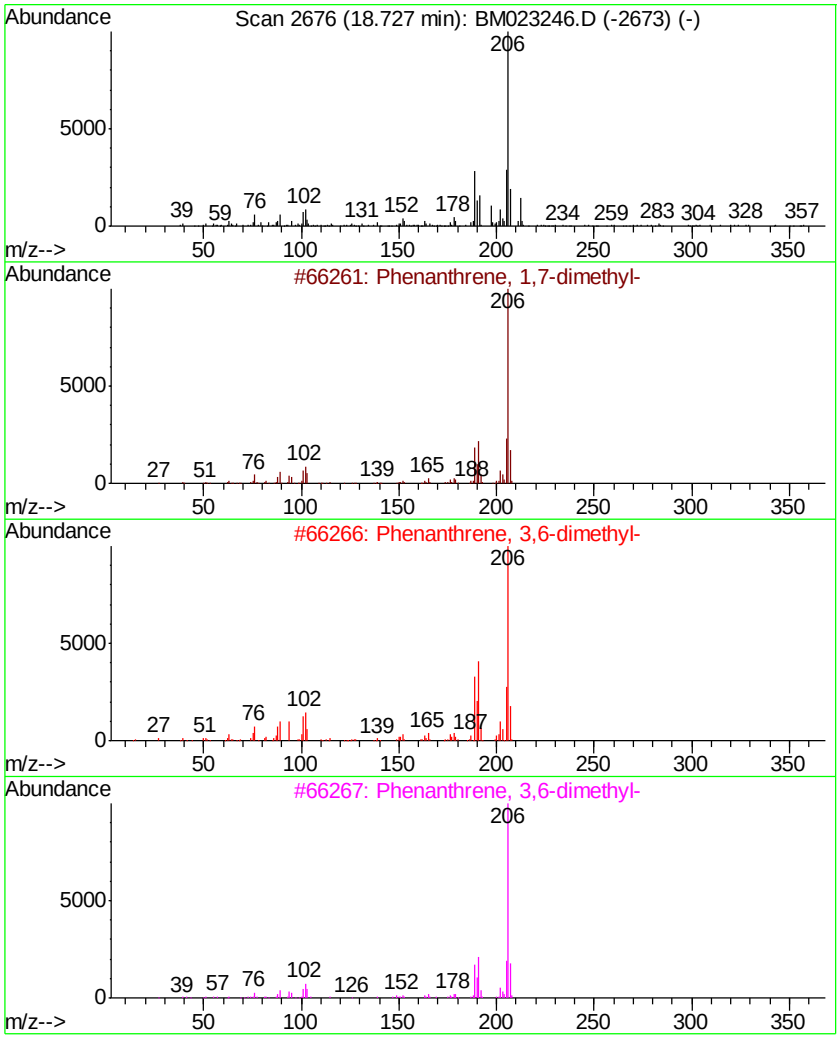
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

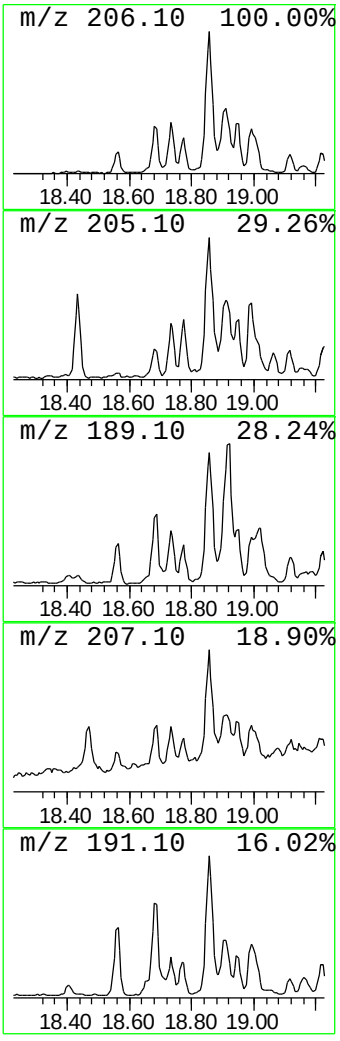
****

Peak Number 17 Phenanthrene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	2.94 ng/ul	671073	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

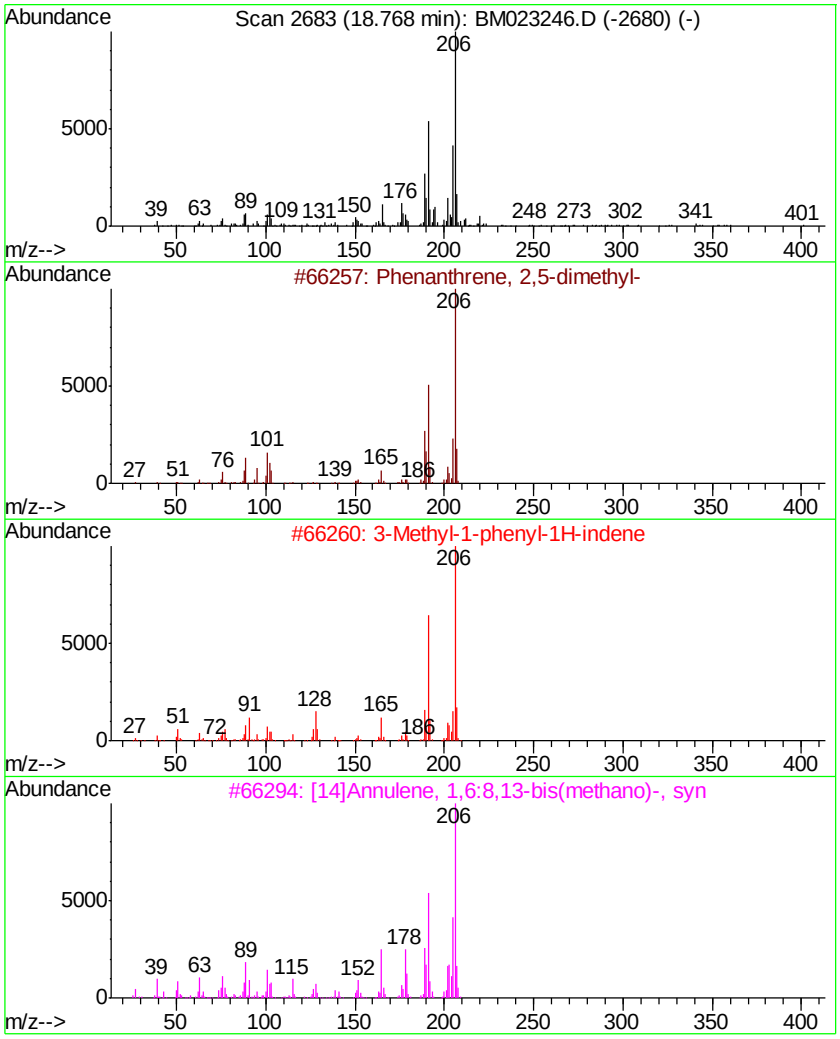
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

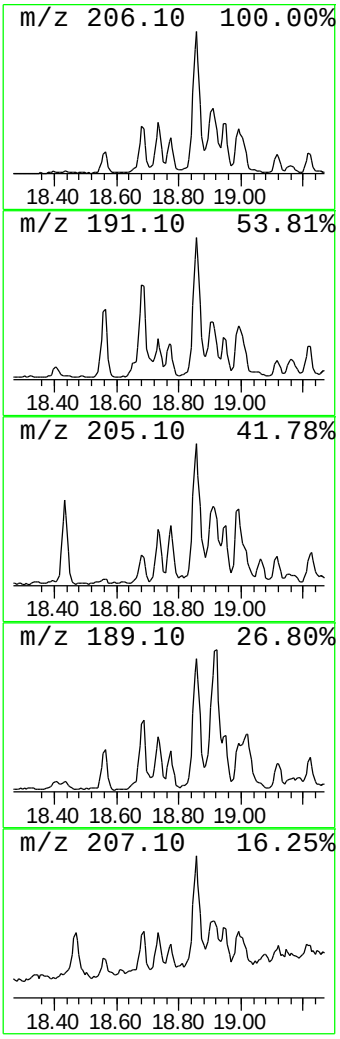
****

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.44 ng/ul	555926	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	92
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	83
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

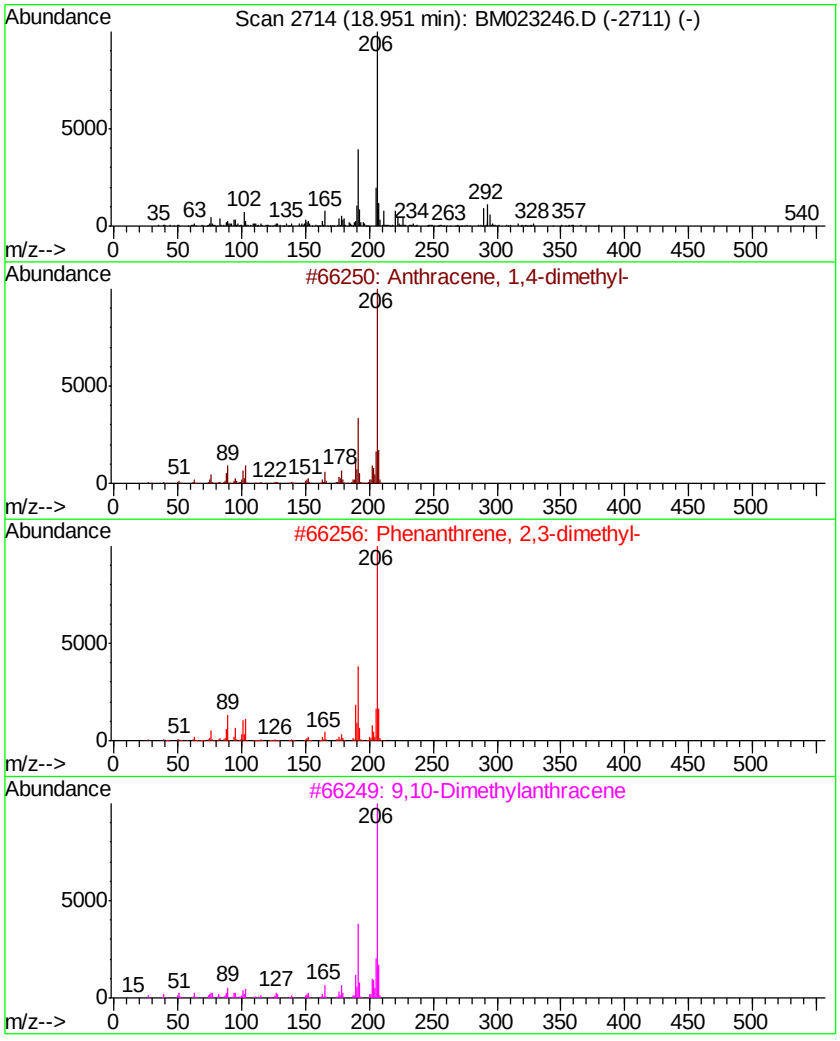
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

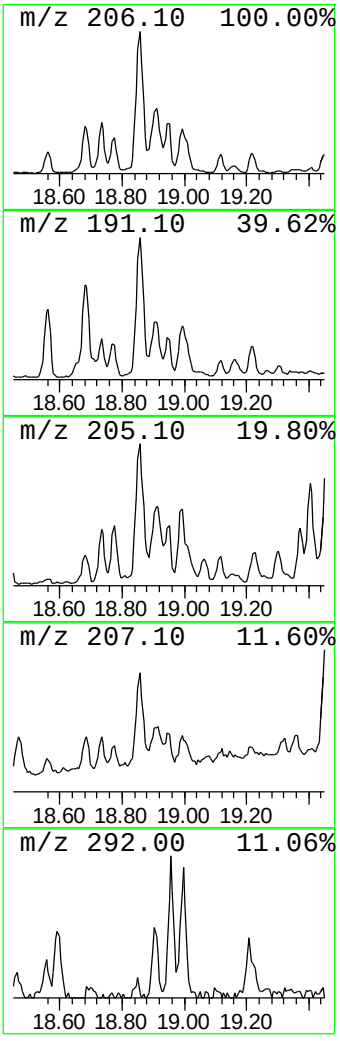
****

Peak Number 21 Anthracene, 1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	2.10 ng/ul	479281	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	68
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	68
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	68
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

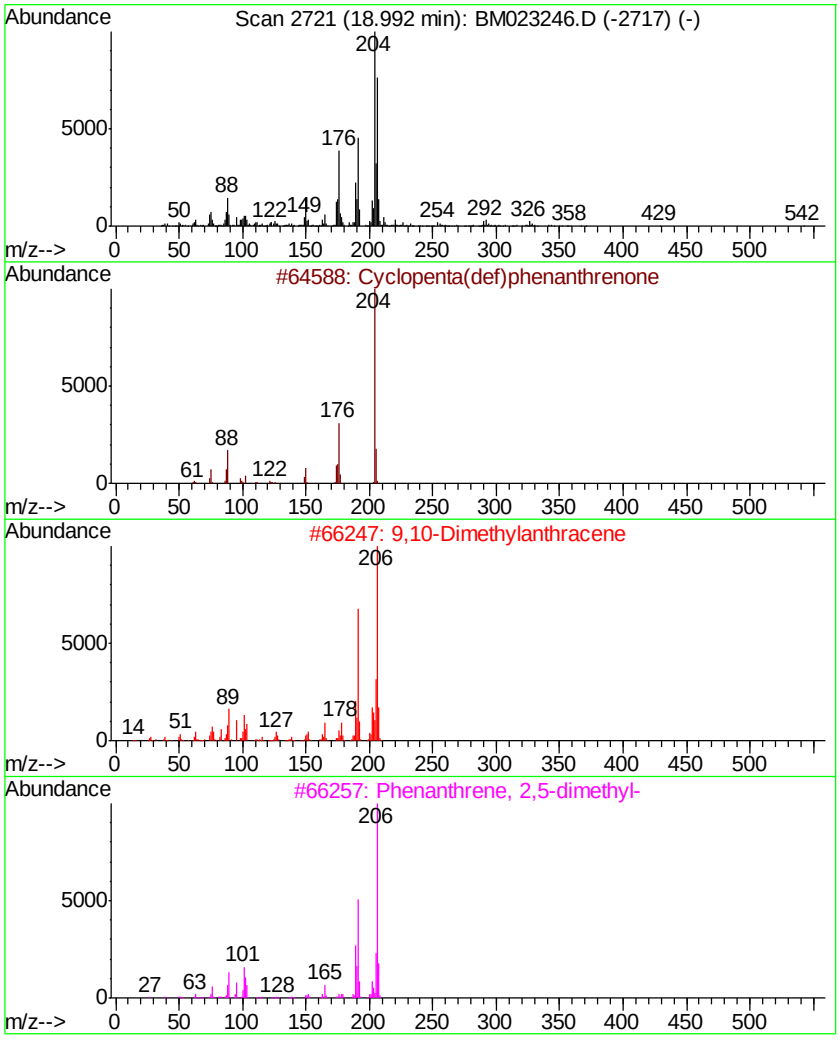
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

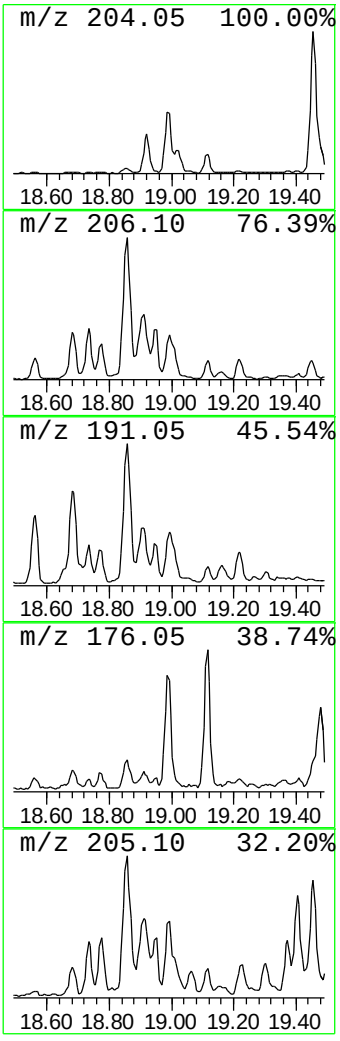
****

Peak Number 22 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	6.88 ng/ul	1570370	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	50
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

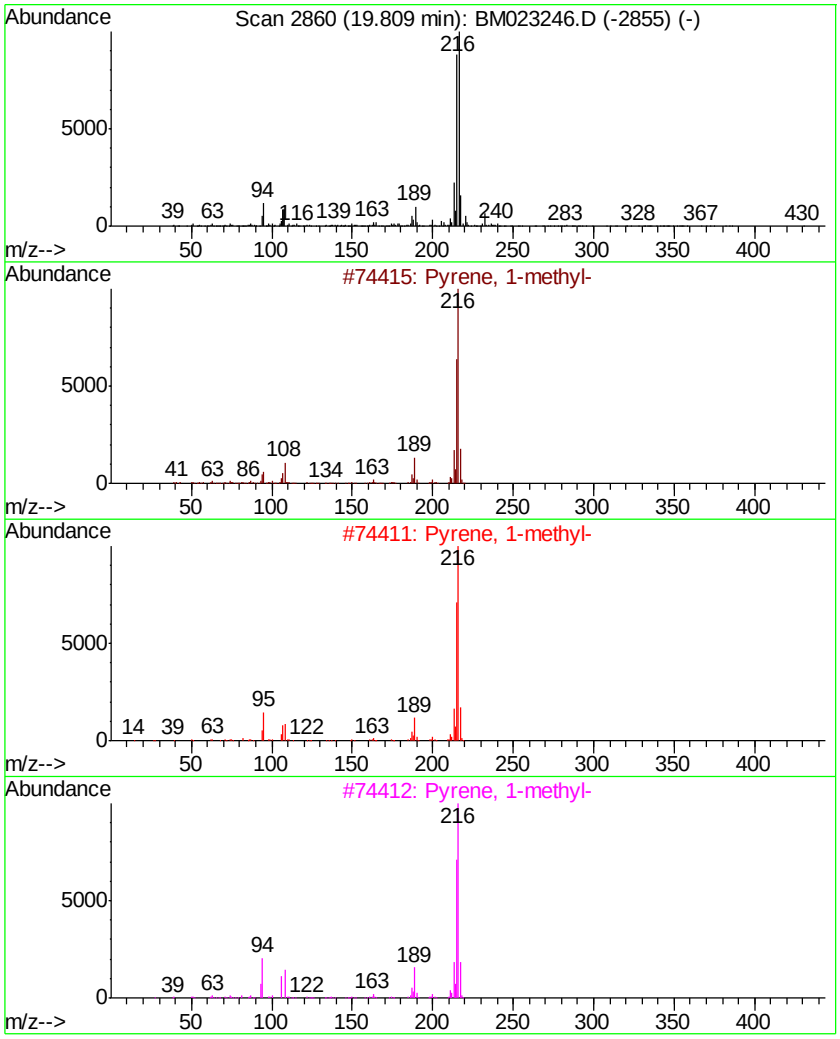
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

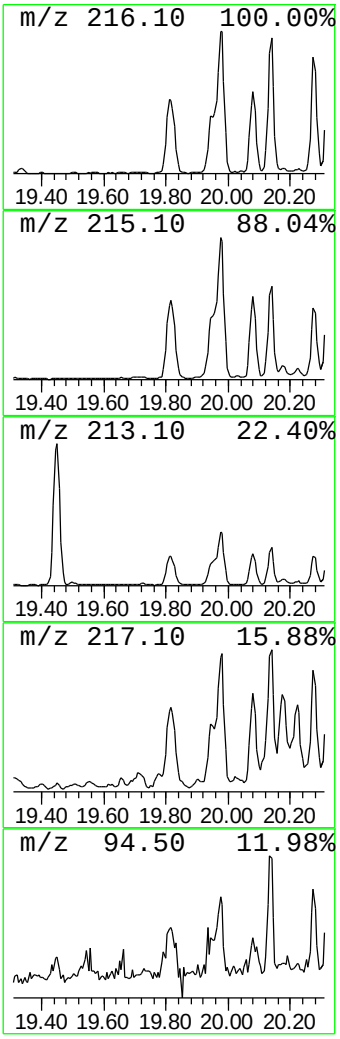
****

Peak Number 23 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.91 ng/ul	1911940	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

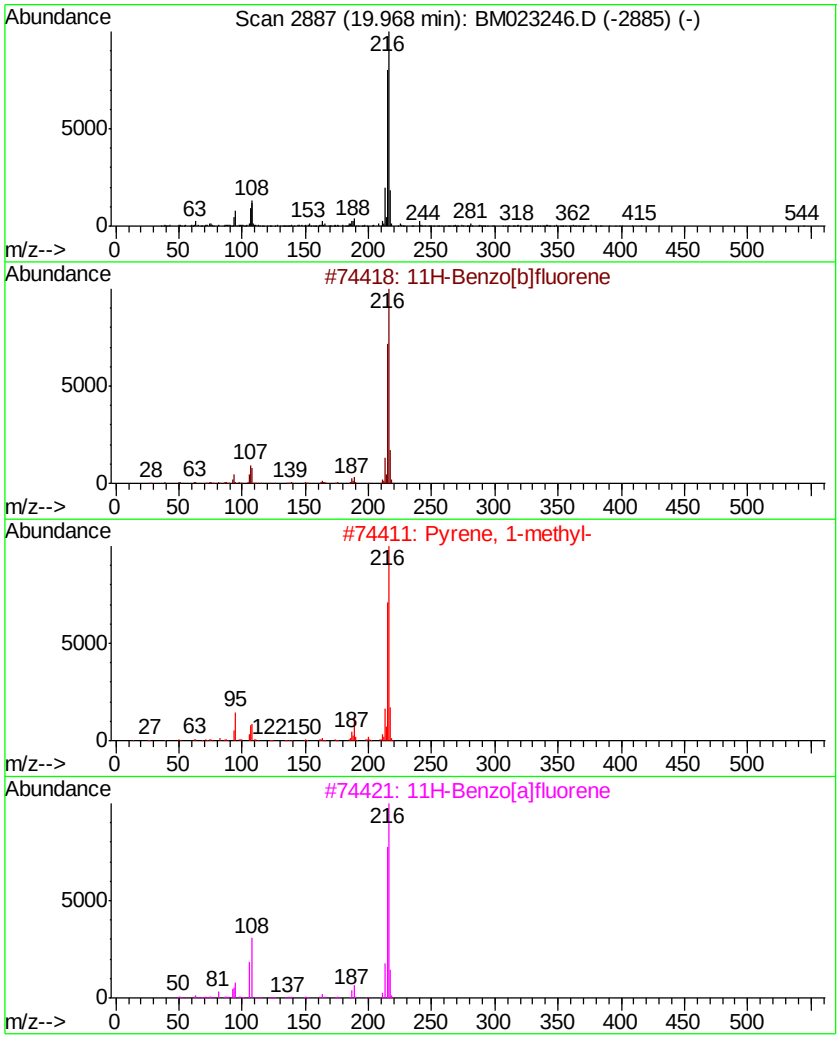
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

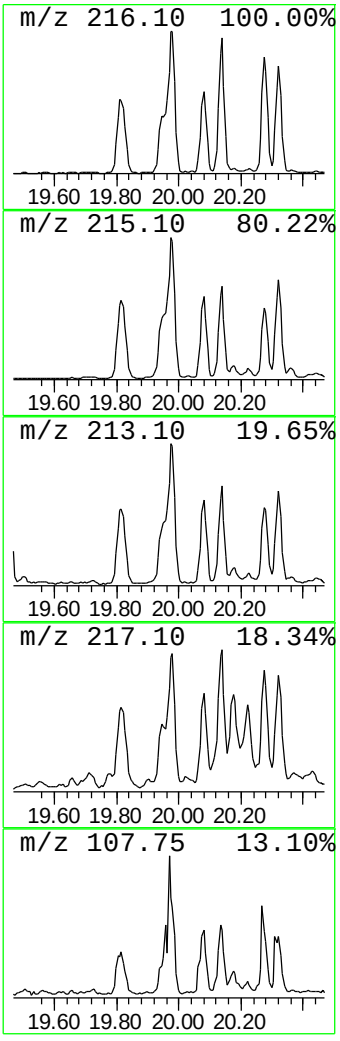
****

Peak Number 24 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	3.51 ng/ul	2304480	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

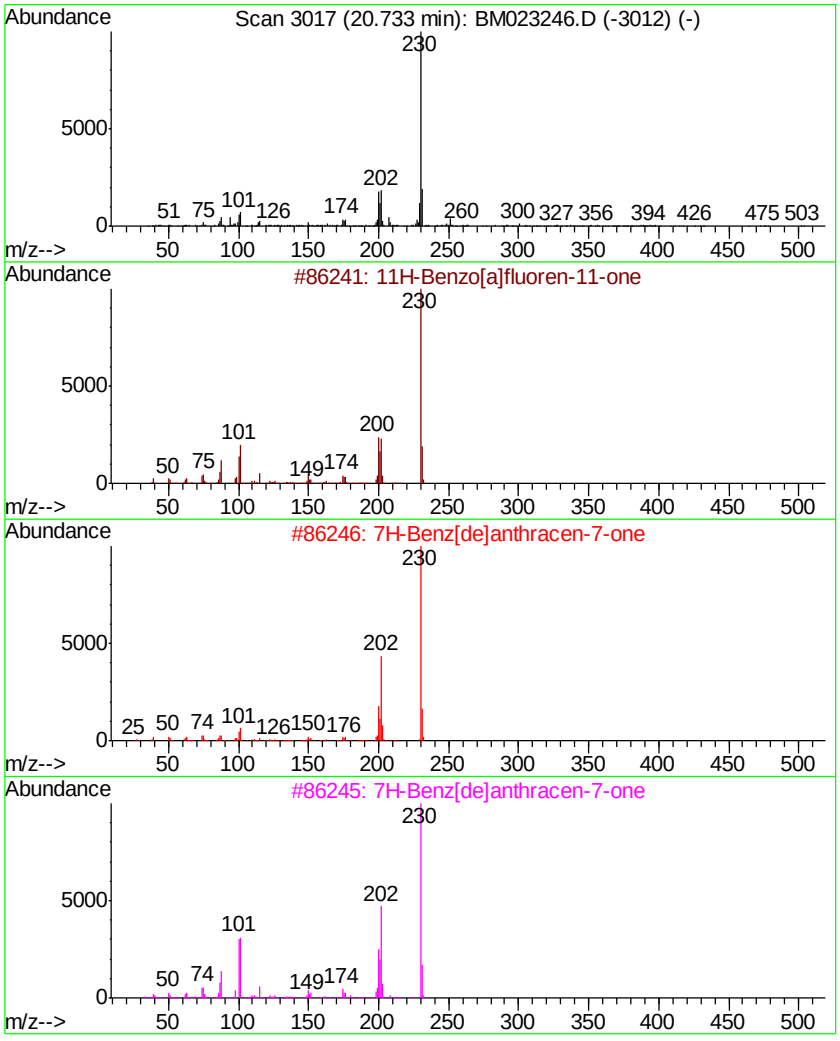
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

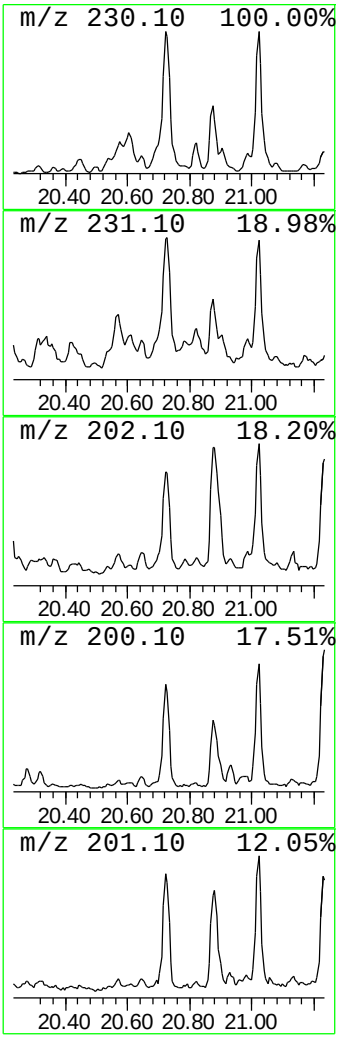
****

Peak Number 28 11H-Benzo[a]fluoren-11-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	2.08 ng/ul	1368960	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	6,9-Dimethoxy-4-methyl-2,3-dihyd...	245	C14H15NO3	001723-11-1	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

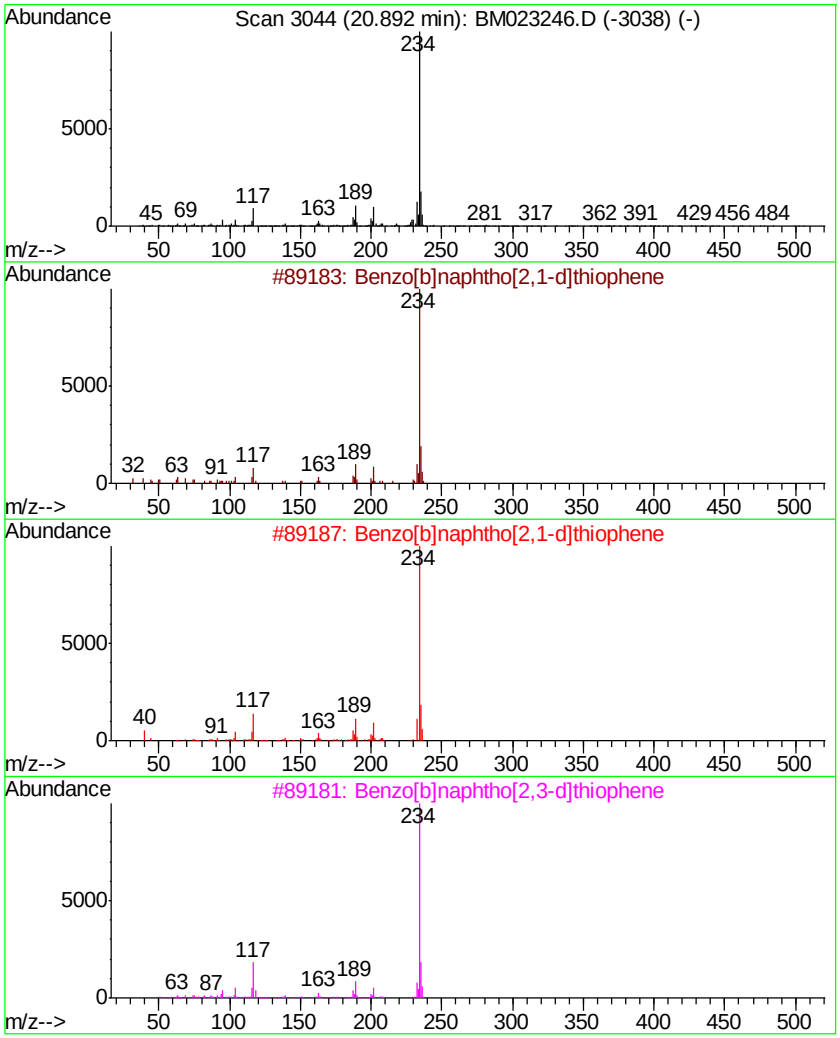
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

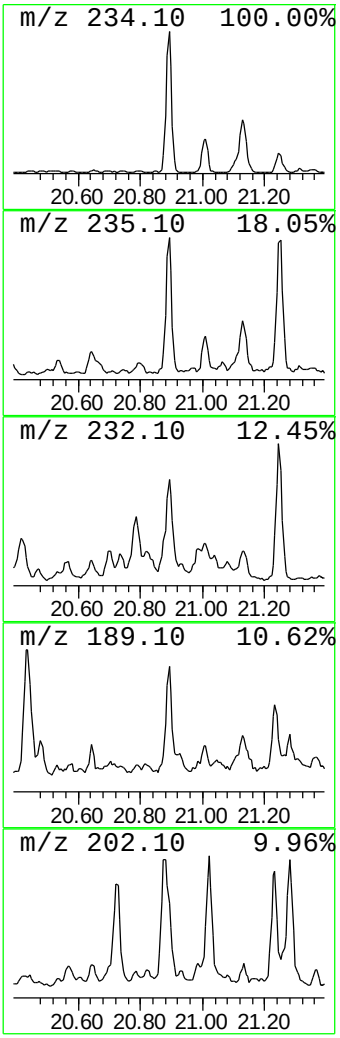
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.04 ng/ul	1994750	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	95
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

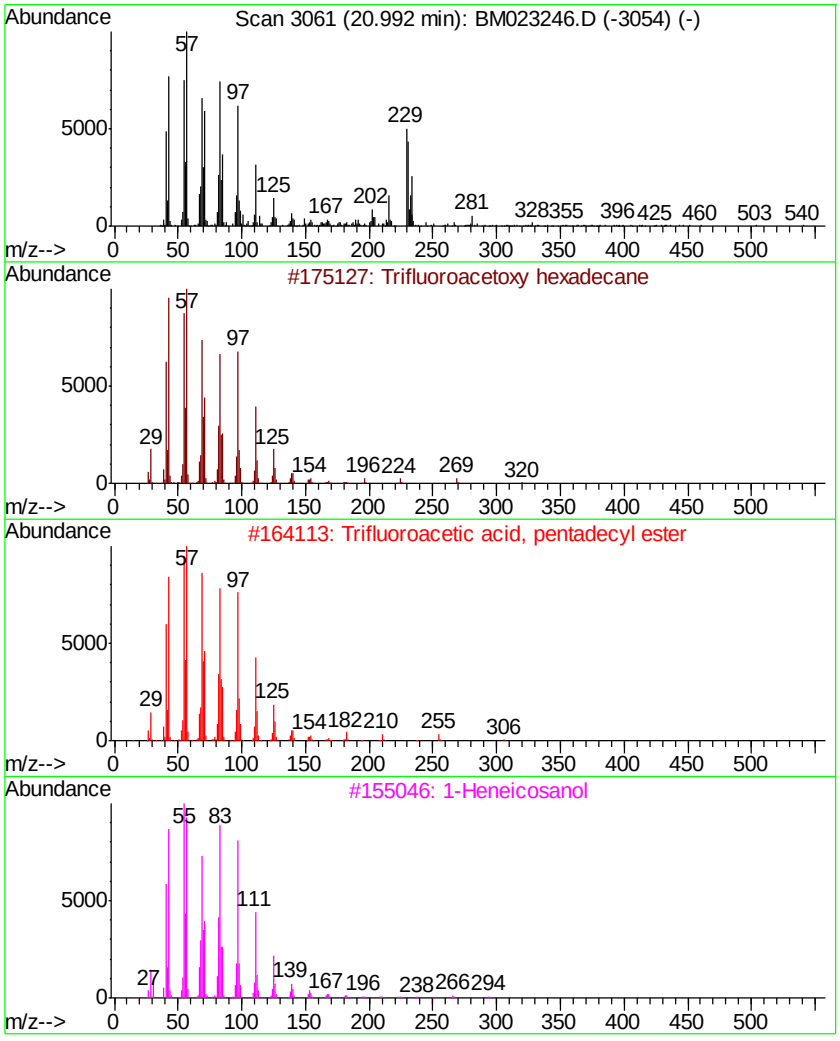
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

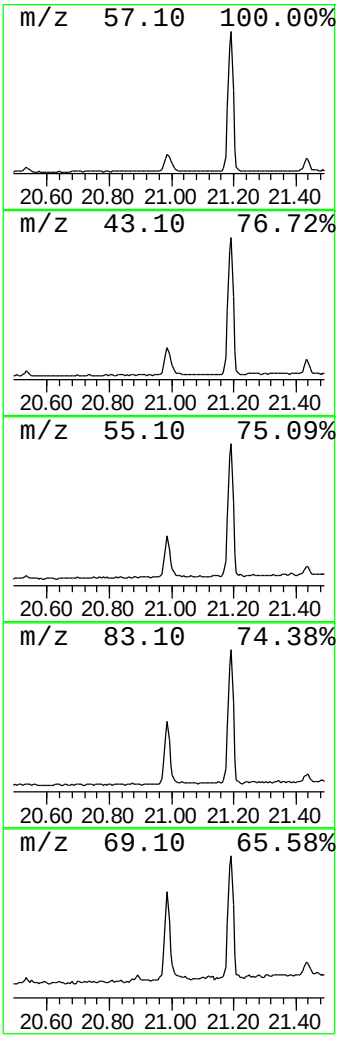
****

Peak Number 30 Trifluoroacetoxy hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.29 ng/ul	2161190	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

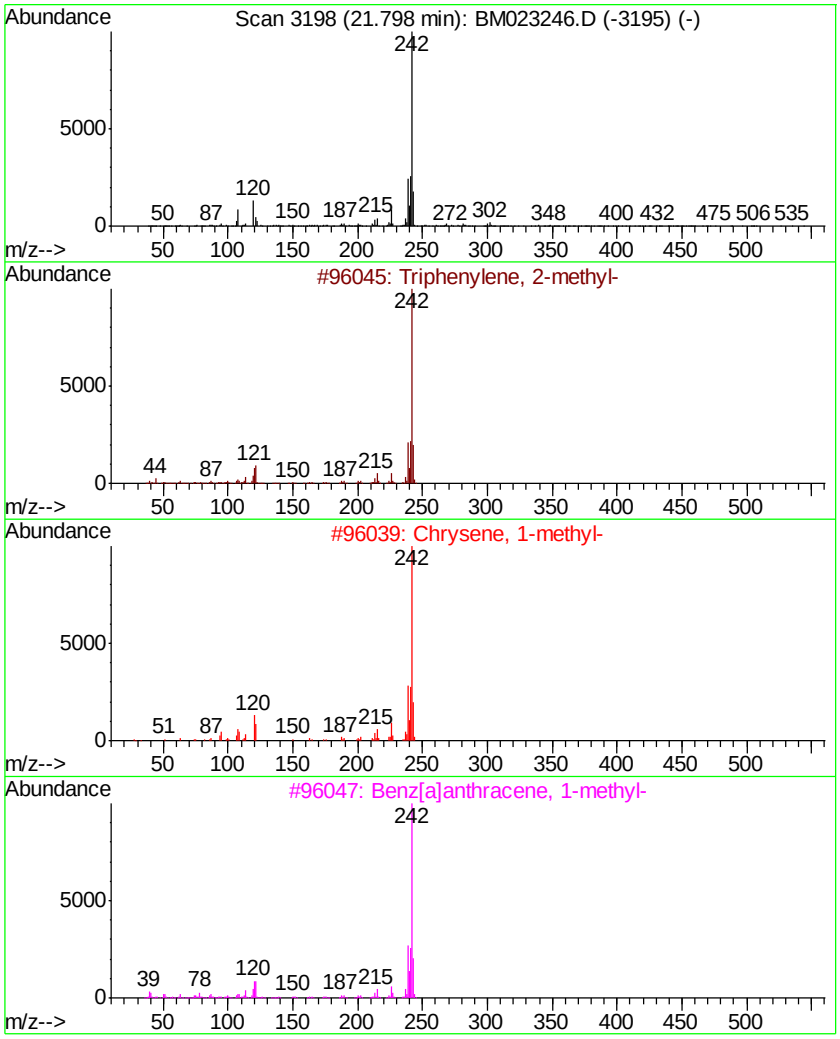
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

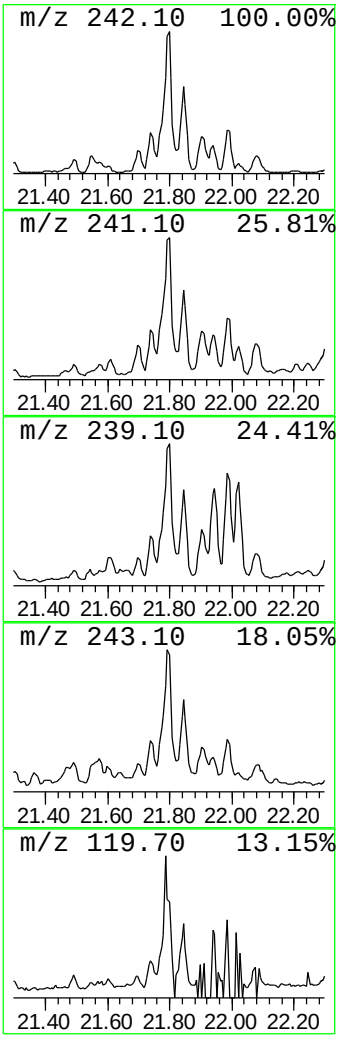
****

Peak Number 31 Triphenylene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.36 ng/ul	1553400	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	86
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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
Naphthalene, 1-me...	12.33	2.6	ng/ul	377922	2	10.44	2906410	20.0
Naphthalene, 2,3-...	13.63	2.6	ng/ul	527466	3	14.30	4026570	20.0
Naphthalene, 1,6,...	14.71	2.7	ng/ul	547752	3	14.30	4026570	20.0
1(2H)-Acenaphthyl...	16.03	2.2	ng/ul	507989	4	17.05	4563850	20.0
9H-Fluoren-9-one	16.70	2.8	ng/ul	644484	4	17.05	4563850	20.0
Dibenzothiophene	16.87	2.8	ng/ul	646045	4	17.05	4563850	20.0
Dibenzothiophene,...	17.63	3.9	ng/ul	882923	4	17.05	4563850	20.0
4-Methylnaphtho[1...	17.77	2.6	ng/ul	587153	4	17.05	4563850	20.0
Phenanthrene, 2-m...	17.93	12.4	ng/ul	2837800	4	17.05	4563850	20.0
Phenanthrene, 1-m...	17.97	14.6	ng/ul	3324650	4	17.05	4563850	20.0
1H-Cyclopropa[l]p...	18.12	20.1	ng/ul	4588970	4	17.05	4563850	20.0
1H-Indene, 2-phenyl-	18.16	8.9	ng/ul	2028970	4	17.05	4563850	20.0
1,2,4,8-Tetrameth...	18.43	5.5	ng/ul	1257350	4	17.05	4563850	20.0
9,10-Anthracenedione	18.47	7.2	ng/ul	1632130	4	17.05	4563850	20.0
Phenanthrene, 4,5...	18.69	4.2	ng/ul	965587	4	17.05	4563850	20.0
Phenanthrene, 1,7...	18.73	2.9	ng/ul	671073	4	17.05	4563850	20.0
Phenanthrene, 2,5...	18.77	2.4	ng/ul	555926	4	17.05	4563850	20.0
Anthracene, 1,4-d...	18.95	2.1	ng/ul	479281	4	17.05	4563850	20.0
Cyclopenta(def)ph...	18.99	6.9	ng/ul	1570370	4	17.05	4563850	20.0
Pyrene, 1-methyl-	19.81	2.9	ng/ul	1911940	5	21.24	13140100	20.0
11H-Benzo[b]fluorene	19.97	3.5	ng/ul	2304480	5	21.24	13140100	20.0
11H-Benzo[a]fluor...	20.73	2.1	ng/ul	1368960	5	21.24	13140100	20.0
Benzo[b]naphtho[2...	20.89	3.0	ng/ul	1994750	5	21.24	13140100	20.0
Trifluoroacetoxy ...	20.99	3.3	ng/ul	2161190	5	21.24	13140100	20.0
Triphenylene, 2-m...	21.80	2.4	ng/ul	1553400	5	21.24	13140100	20.0