LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

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-BM092719MA.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	3.258	42	46	52	rVB	21500	28721	0.78%	0.052%
2	3.769	129	133	141	rVV	21923	30357	0.82%	0.055%
3	3.893	150	154	162	rVV	13117	22216	0.60%	0.040%
4	3.981	165	169	176	rVB	13401	19247	0.52%	0.035%
5	6.934	664	671	685	rBV2	419874	768619	20.84%	1.383%
6	7.104	693	700	715	rBV	338553	557704	15.12%	1.003%
7	7.304	727	734	747	rVV	463543	743964	20.18%	1.338%
8	7.769	807	813	822	rVV	584169	893481	24.23%	1.607%
9	8.469	925	932	946	rBV	490540	794718	21.55%	1.430%
10	8.593	948	953	961	rVB	20434	35529	0.96%	0.064%
11	8.922	1002	1009	1018	rBV	424205	682923	18.52%	1.229%
12	9.640	1125	1131	1144	rBV	329389	530297	14.38%	0.954%
13	10.175	1214	1222	1237	rBV	541601	896805	24.32%	1.613%
14	10.557	1280	1287	1293	rBV	786323	1283372	34.80%	2.309%
15	10.692	1302	1310	1327	rBV	325510	595153	16.14%	1.071%
16	13.727	1821	1826	1831	rBV2	14159	21657	0.59%	0.039%
17	13.816	1831	1841	1845	rVV	916143	1256948	34.09%	2.261%
18	13.863	1845	1849	1854	rVV	279992	388529	10.54%	0.699%
19	14.098	1879	1889	1902	rBV	1100325	1649932	44.75%	2.968%
20	14.404	1932	1941	1948	rBV2	1111655	1615165	43.80%	2.906%
21	14.469	1948	1952	1958	rVB	32342	47341	1.28%	0.085%
22	14.598	1968	1974	1979	rBV	206373	316865	8.59%	0.570%
23	14.651	1979	1983	1991	rVB	184037	289187	7.84%	0.520%
24	14.822	2005	2012	2018	rVB4	31394	63967	1.73%	0.115%
25	15.398	2102	2110	2115	rBV	1444449	1987179	53.89%	3.575%
26	15.451	2115	2119	2124	rVV	45243	66676	1.81%	0.120%
27	15.510	2124	2129	2137	rVV	269027	387688	10.51%	0.697%
28	15.574	2137	2140	2143	rVV3	15694	21832	0.59%	0.039%
29	15.633	2143	2150	2152	rVV5	19801	40598	1.10%	0.073%
30	15.663	2153	2155	2165	rVV6	20028	42985	1.17%	0.077%
31	15.745	2165	2169	2178	rVB3	13330	29838	0.81%	0.054%
32	15.892	2186	2194	2201	rVB4	13555	34116	0.93%	0.061%
33	16.127	2229	2234	2241	rBV4	31420	56488	1.53%	0.102%
34	16.457	2282	2290	2294	rBV5	19035	40716	1.10%	0.073%

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Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

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-BM092719MA.M
Title : SVOA CALIBRATION

35	16.504	2294	2298	2304	rBV3	19674	24825	0.67%	0.045%
36	16.604	2312	2315	2319	rVB4	13668	18997	0.52%	0.034%
37	16.804	2345	2349	2356	rVB4	19827	30442	0.83%	0.055%
38	16.880	2358	2362	2364	rBV3	13053	19716	0.53%	0.035%
39	16.963	2372	2376	2384	rVB	35613	52833	1.43%	0.095%
40	17.057	2390	2392	2397	rVB4	15687	19100	0.52%	0.034%
41	17.145	2401	2407	2411	rBV2	1264314	1806132	48.98%	3.249%
42	17.186	2411	2414	2418	rVB	592889	744777	20.20%	1.340%
43	17.245	2418	2424	2428	rBV	1397714	2023488	54.88%	3.640%
44	17.333	2435	2439	2445	rVB4	29287	53958	1.46%	0.097%
45	17.421	2451	2454	2458	rBV4	12869	21611	0.59%	0.039%
46	17.545	2471	2475	2480	rBV	38695	51473	1.40%	0.093%
47	17.598	2480	2484	2487	rVB3	17980	22301	0.60%	0.040%
48	17.727	2502	2506	2514	rVB2	58088	105134	2.85%	0.189%
49	17.863	2525	2529	2536	rBV3	33830	58156	1.58%	0.105%
50	18.015	2551	2555	2558	rBV	142895	212165	5.75%	0.382%
51	18.068	2560	2564	2568	rVB	194329	286820	7.78%	0.516%
52	18.115	2568	2572	2574	rBV	34960	40490	1.10%	0.073%
53	18.145	2574	2577	2582	rVB	48863	68799	1.87%	0.124%
54	18.215	2583	2589	2593	rBV2	309892	542922	14.72%	0.977%
55	18.251	2593	2595	2598	rVB	62564	62384	1.69%	0.112%
56	18.321	2603	2607	2612	rBV4	47445	81891	2.22%	0.147%
57	18.421	2620	2624	2628	rBV2	27765	45306	1.23%	0.082%
58	18.521	2634	2641	2644	rBV3	104271	198187	5.37%	0.357%
59	18.557	2644	2647	2653	rVB4	67364	105654	2.87%	0.190%
60	18.627	2655	2659	2661	rBV3	39480	60551	1.64%	0.109%
61	18.745	2675	2679	2680	rBV4	25946	36350	0.99%	0.065%
62	18.768	2680	2683	2687	rVV	81631	109444	2.97%	0.197%
63	18.821	2688	2692	2694	rVV	65476	85692	2.32%	0.154%
64	18.857	2695	2698	2702	rVB2	51669	68865	1.87%	0.124%
65	18.939	2707	2712	2716	rBV	182911	283992	7.70%	0.511%
66	18.992	2716	2721	2726	rVV5	90469	225132	6.11%	0.405%
67	19.033	2726	2728	2731	rVV2	72437	83056	2.25%	0.149%
68	19.074	2731	2735	2743	rVB4	131484	243149	6.59%	0.437%
69	19.204	2751	2757	2763	rVB	1485341	2005081	54.38%	3.607%
70	19.268	2764	2768	2771	rBV2	79360	111536	3.02%	0.201%
71	19.304	2771	2774	2778	rVV3	54037	86428	2.34%	0.155%

LSC Area Percent Report

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Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

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-BM092719MA.M
Title : SVOA CALIBRATION

72	19.351	2778	2782	2785	rVB2	75927	107476	2.91%	0.193%
73	19.445	2796	2798	2802	rVB2	52519	52754	1.43%	0.095%
74	19.539	2808	2814	2816	rBV	2011465	2934875	79.59%	5.280%
75	19.562	2816	2818	2827	rVV	1586867	2079076	56.38%	3.740%
76	19.639	2828	2831	2837	rVB3	88573	147687	4.01%	0.266%
77	19.739	2845	2848	2854	rBV2	64117	98294	2.67%	0.177%
78	19.798	2855	2858	2864	rVB2	111352	170458	4.62%	0.307%
79	19.892	2869	2874	2880	rBV3	143093	354404	9.61%	0.638%
80	20.062	2893	2903	2906	rBV2	307521	591247	16.03%	1.064%
81	20.162	2916	2920	2924	rBV	217364	257673	6.99%	0.464%
82	20.221	2925	2930	2933	rBV2	231018	318748	8.64%	0.573%
83	20.356	2950	2953	2957	rBV	148191	166338	4.51%	0.299%
84	20.404	2957	2961	2965	rVV	167034	217267	5.89%	0.391%
85	20.821	3027	3032	3036	rVB2	204087	353966	9.60%	0.637%
86	20.974	3055	3058	3061	rVB	155623	172081	4.67%	0.310%
87	21.009	3061	3064	3067	rBV	176814	236221	6.41%	0.425%
88	21.045	3067	3070	3075	rVB3	324005	458617	12.44%	0.825%
89	21.245	3100	3104	3108	rBV	2885015	3045527	82.59%	5.479%
90	21.321	3111	3117	3121	rVV2	1938867	3687389	100.00%	6.634%
91	21.362	3121	3124	3134	rVB	973639	1309745	35.52%	2.356%
92	21.480	3141	3144	3150	rVB2	369108	476980	12.94%	0.858%
93	21.921	3215	3219	3225	rVB3	453637	646036	17.52%	1.162%
94	22.386	3294	3298	3307	rVB2	366096	595736	16.16%	1.072%
95	22.897	3379	3385	3390	rBV2	1210869	2483805	67.36%	4.468%
96	23.380	3462	3467	3471	rBV	477886	874346	23.71%	1.573%
97	23.427	3471	3475	3479	rVV	1302700	2420303	65.64%	4.354%
98	23.468	3479	3482	3492	rVB2	1119460	2035035	55.19%	3.661%
99	23.574	3494	3500	3505	rBV	1088135	2022583	54.85%	3.639%
100	24.121	3588	3593	3601	rVB	478507	933082	25.30%	1.679%

Sum of corrected areas: 55585399

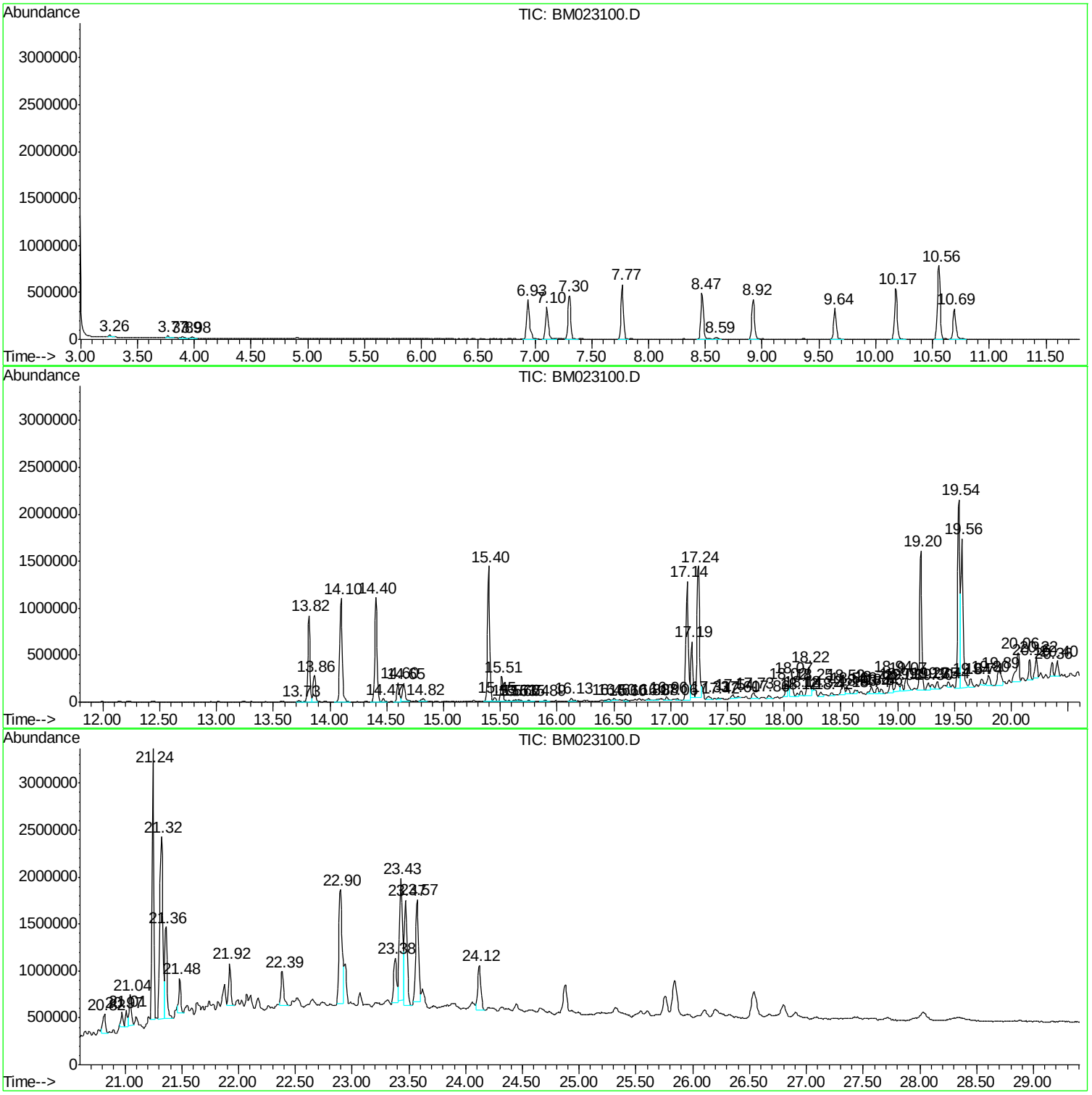
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

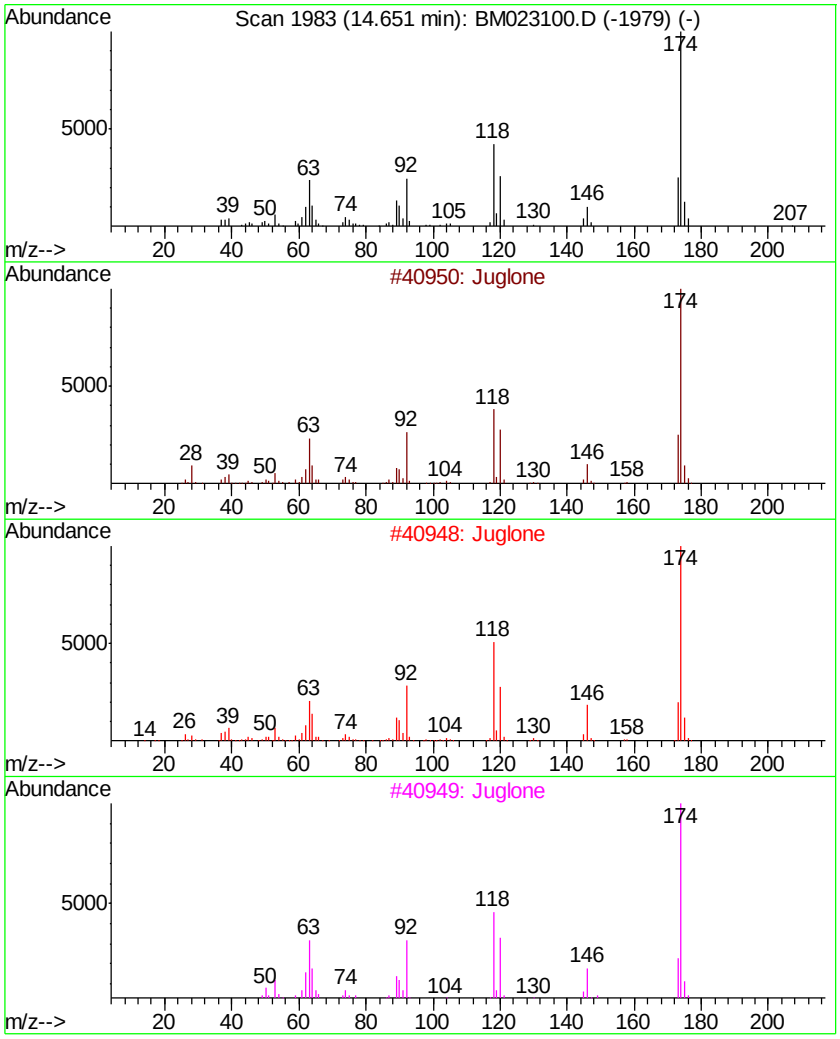
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

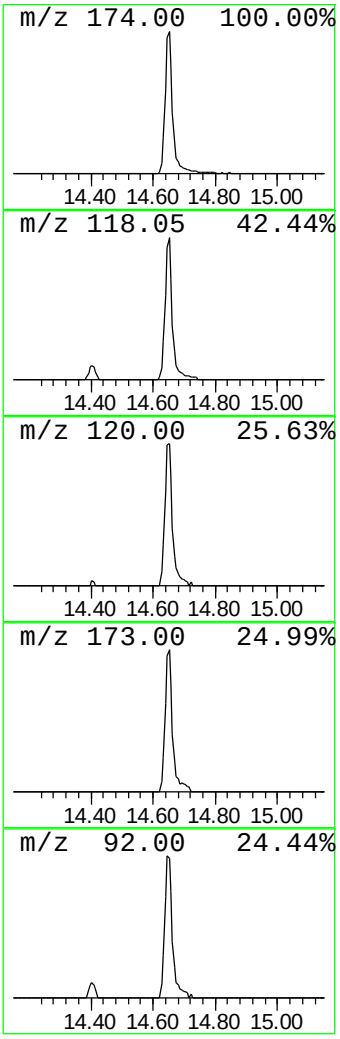
****

Peak Number 1 Juglone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	3.58 ng/ul	289187	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Juglone	174	C10H6O3	000481-39-0	98
2	Juglone	174	C10H6O3	000481-39-0	93
3	Juglone	174	C10H6O3	000481-39-0	74
4	8-Quinolinol, 5-nitroso-	174	C9H6N2O2	003565-26-2	43
5	Thieno[3,2-e]benzofuran	174	C10H6OS	000438-27-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

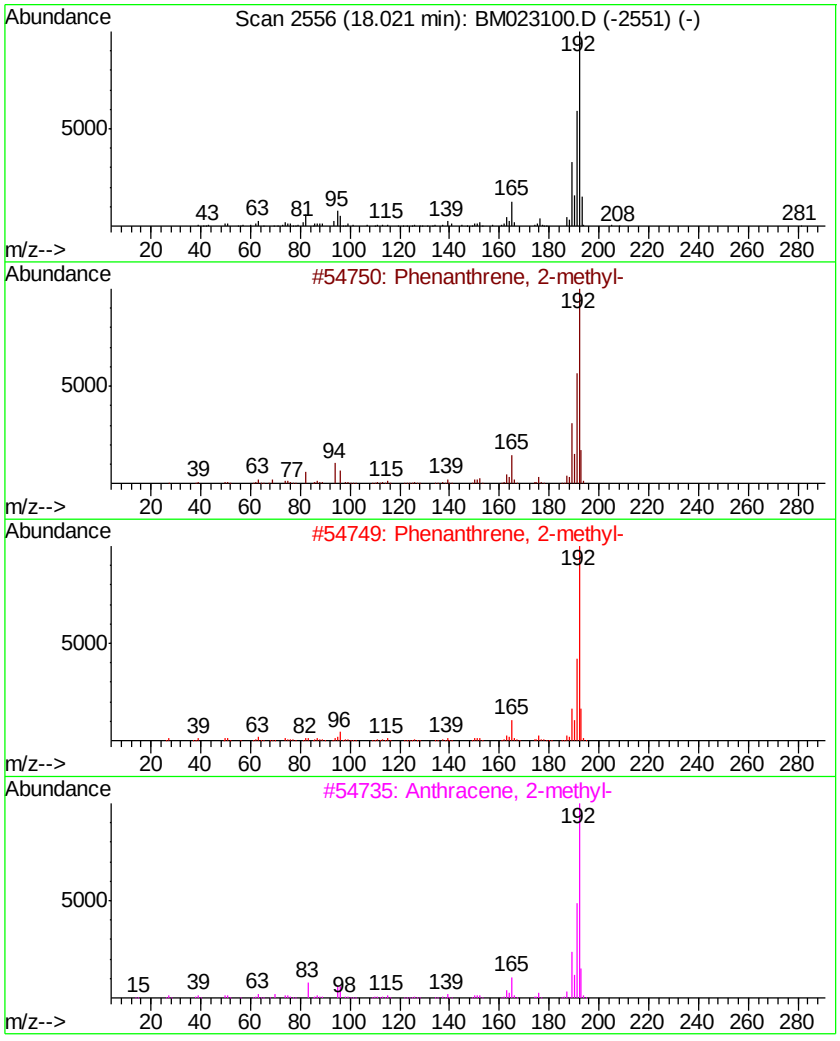
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

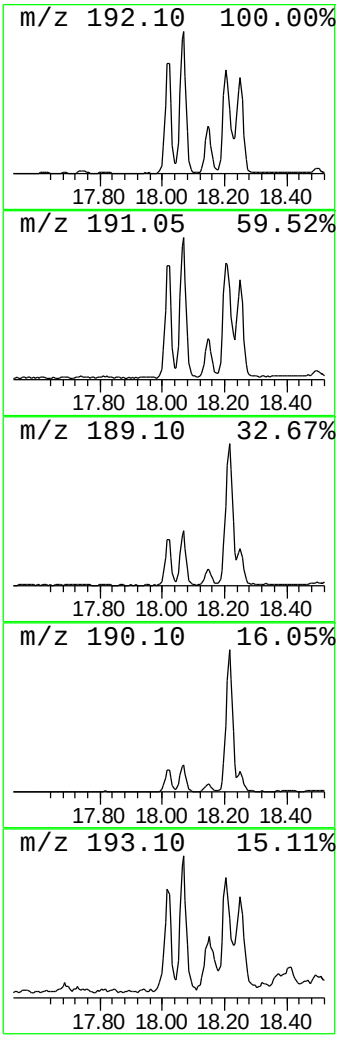
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.35 ng/ul	212165	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

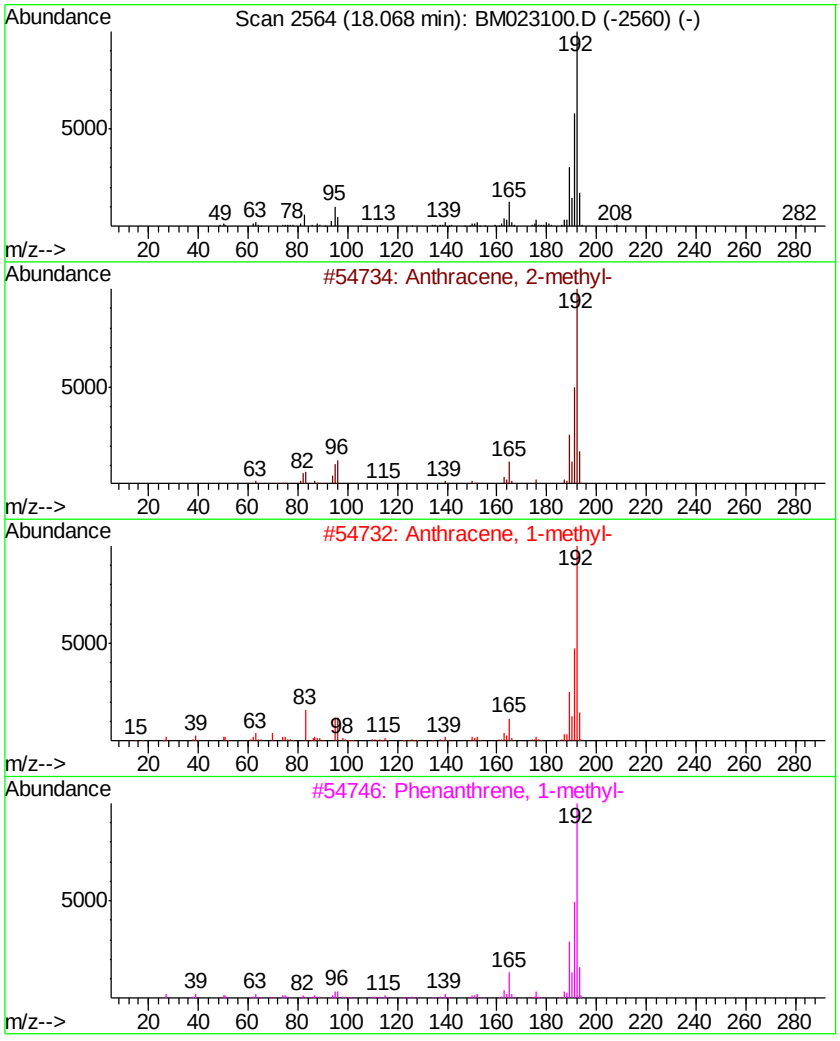
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

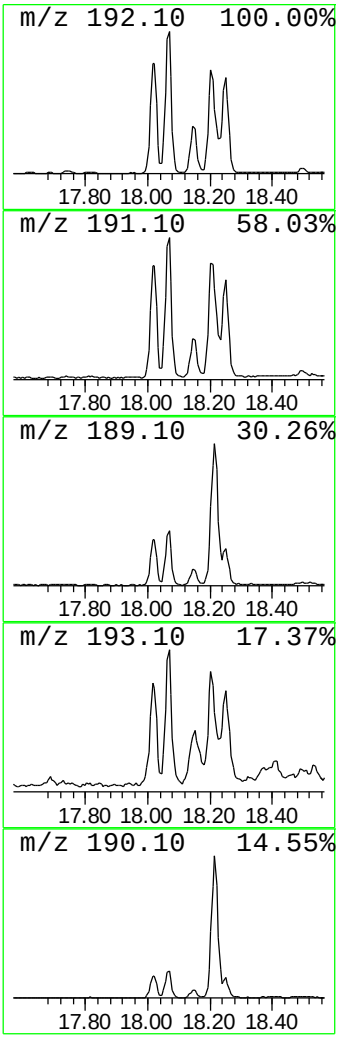
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.18 ng/ul	286820	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

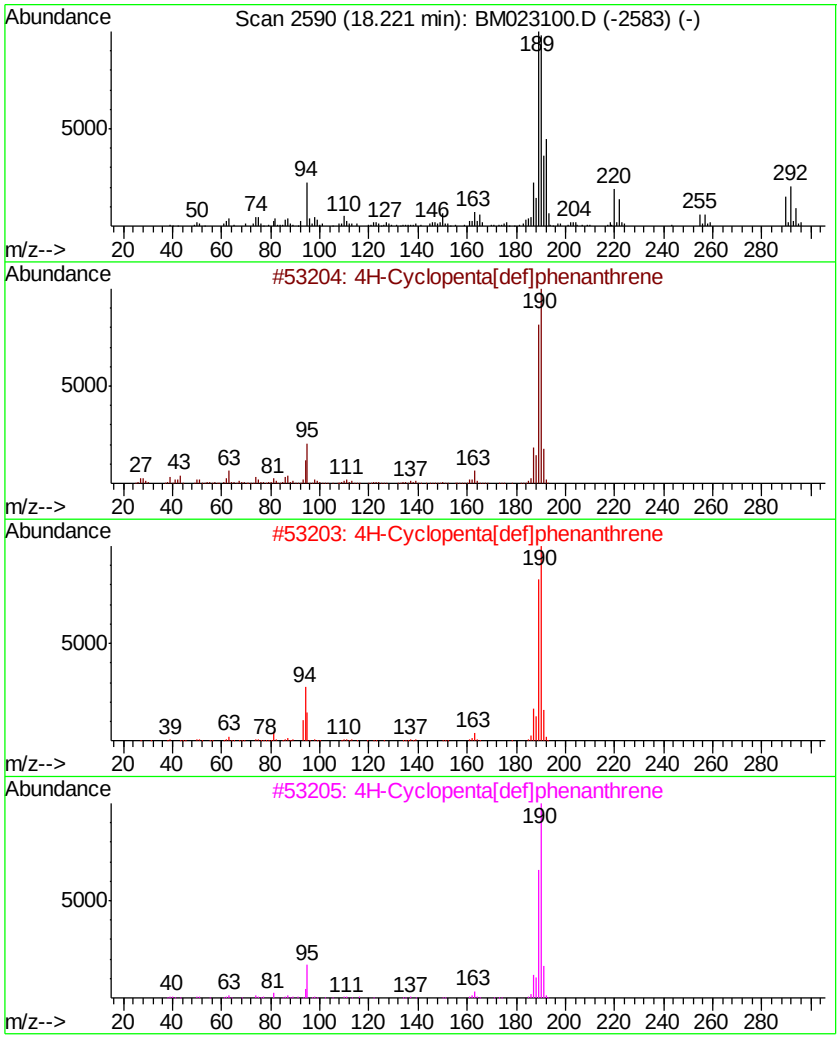
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

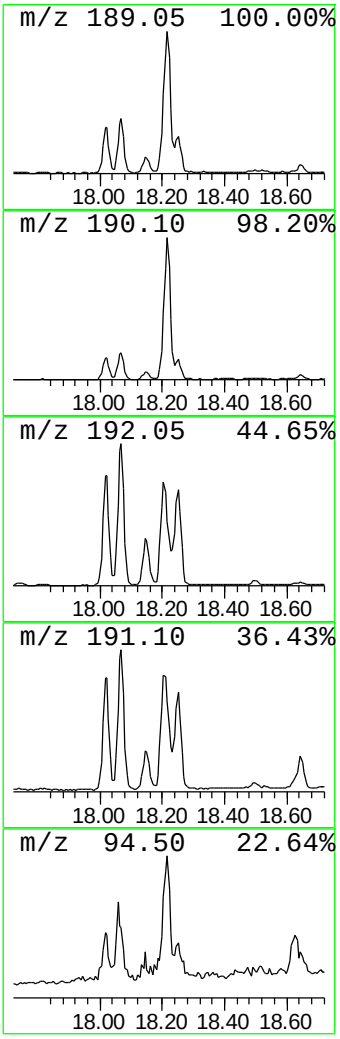
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	6.01 ng/ul	542922	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

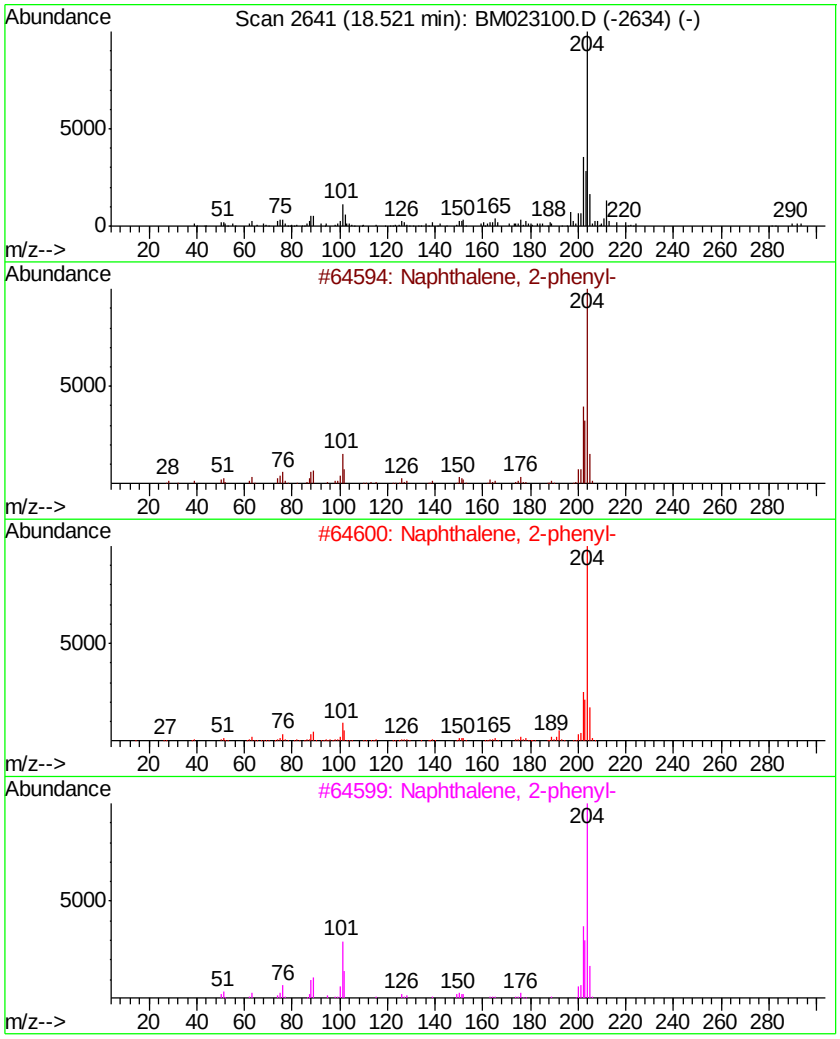
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

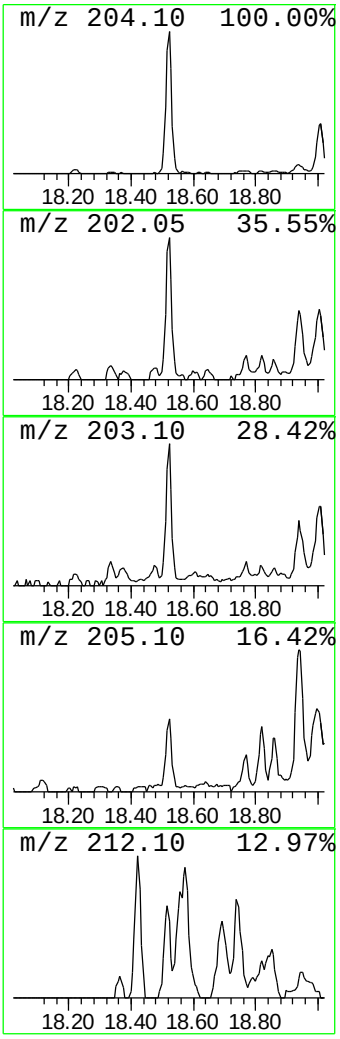
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.19 ng/ul	198187	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

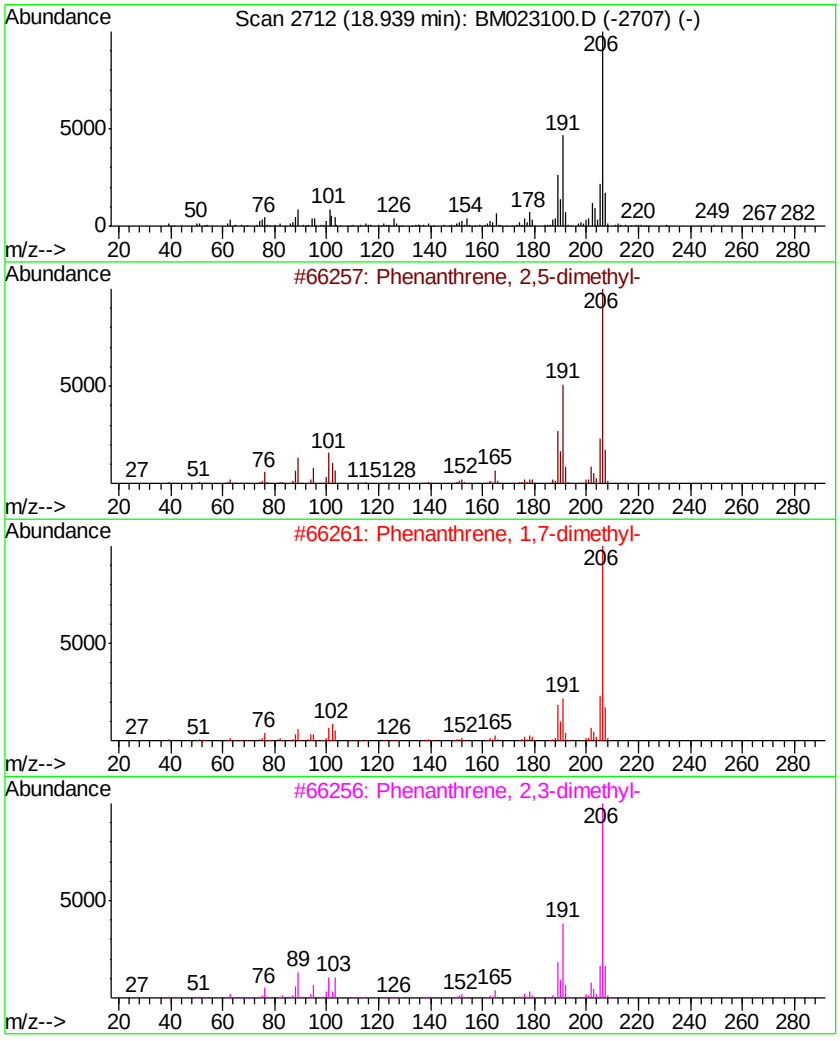
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

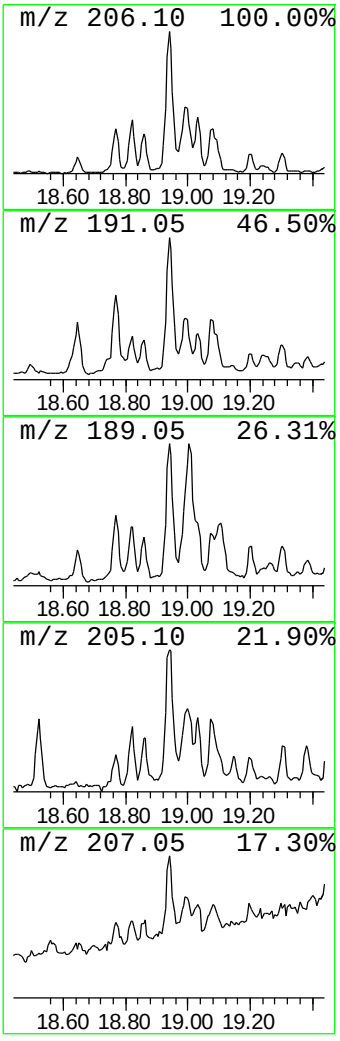
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	3.14 ng/ul	283992	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

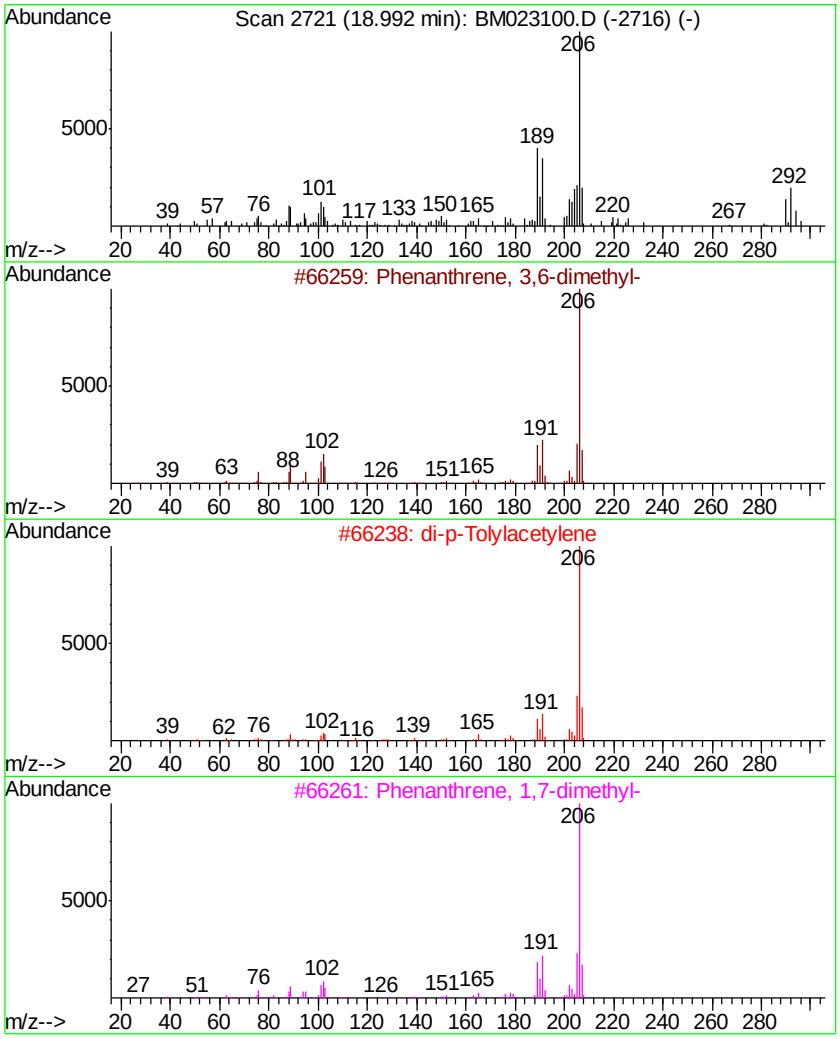
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

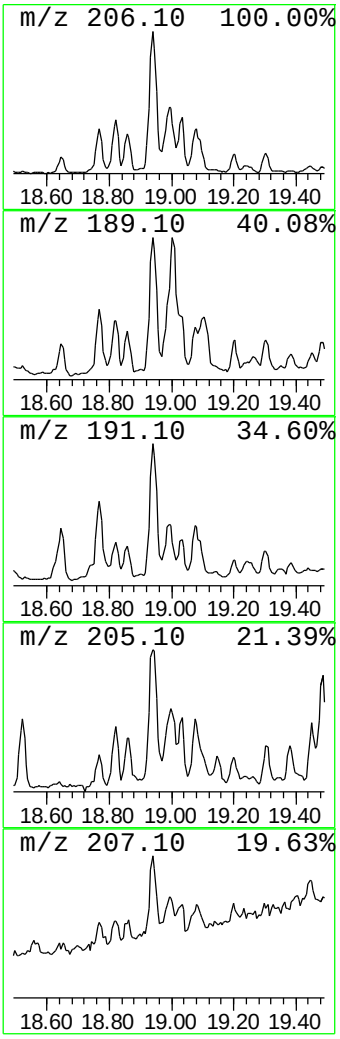
****

Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.49 ng/ul	225132	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58





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Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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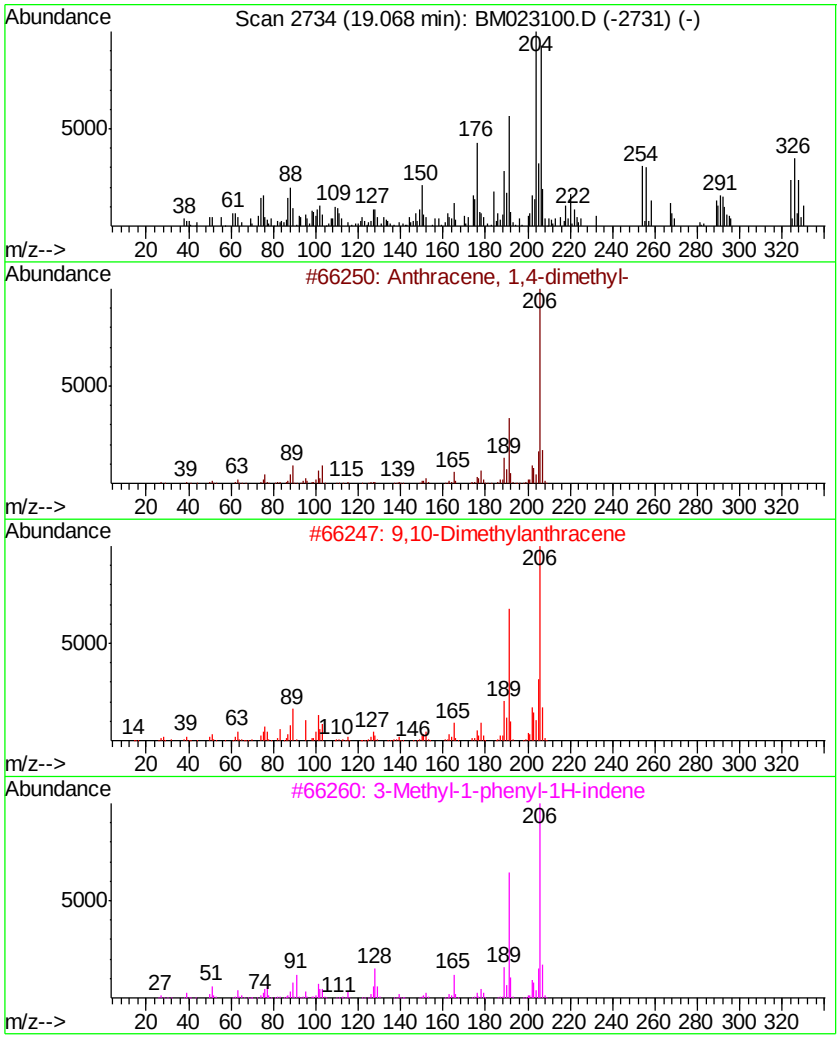
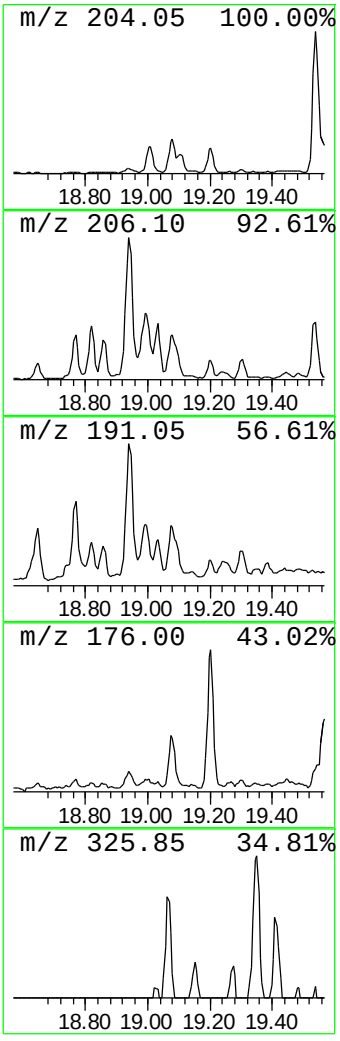
Peak Number 8 Anthracene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.69 ng/ul	243149	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	51
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	38
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	38





Library Search Compound Report

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Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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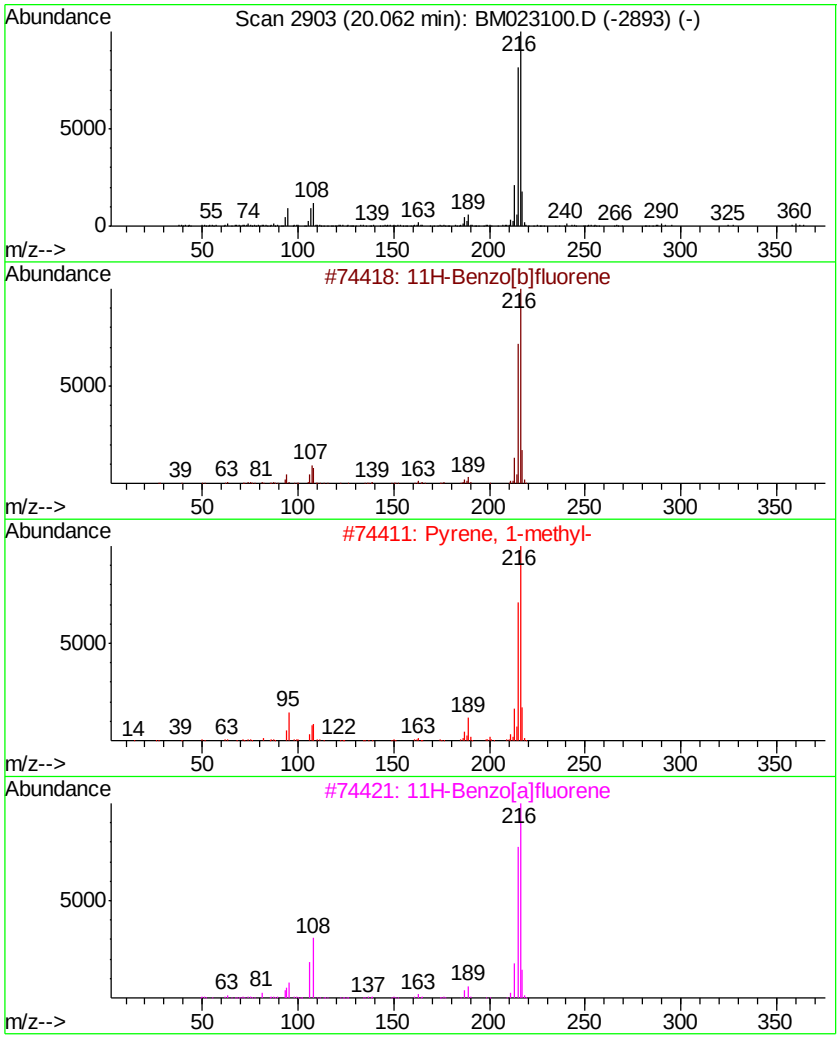
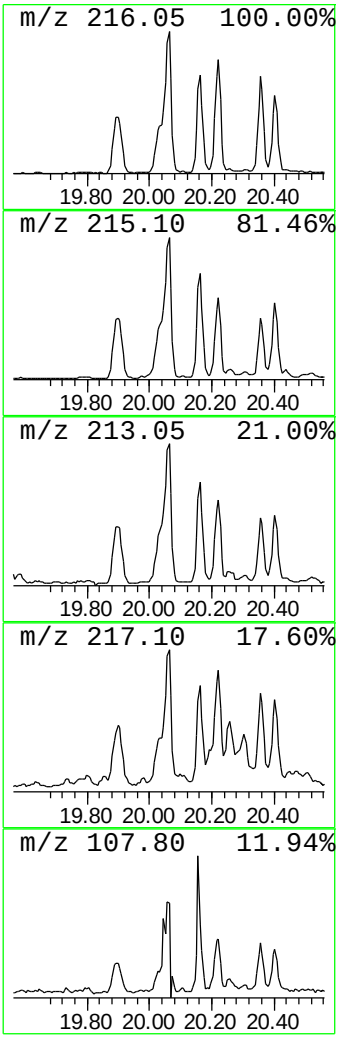
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.21 ng/ul	591247	Chrysene-d12	21.33

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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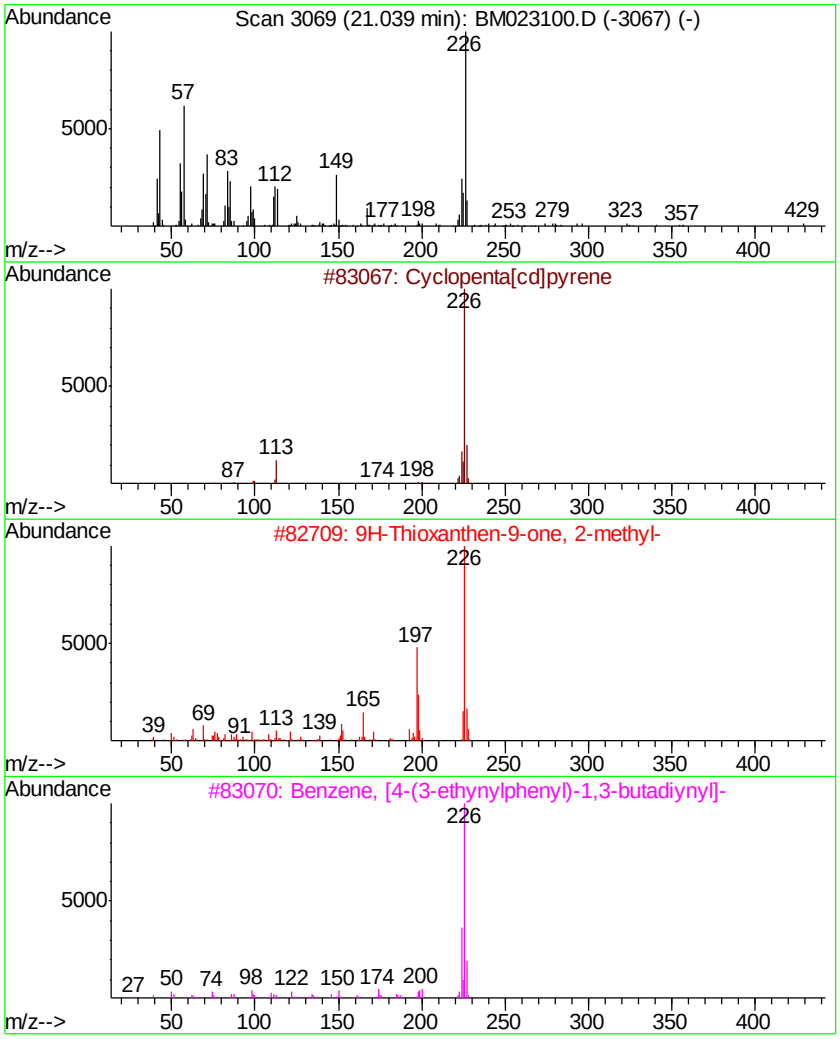
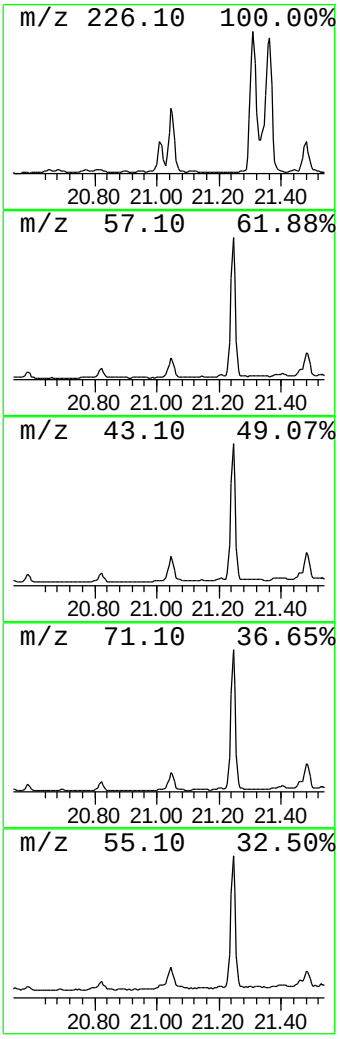
Peak Number 10 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.49 ng/ul	458617	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
4	13-Methylheptacosane	394	C28H58	015689-72-2	22
5	Oxalic acid, isobutyl tridecyl e...	328	C19H36O4	1000309-37-8	18





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Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

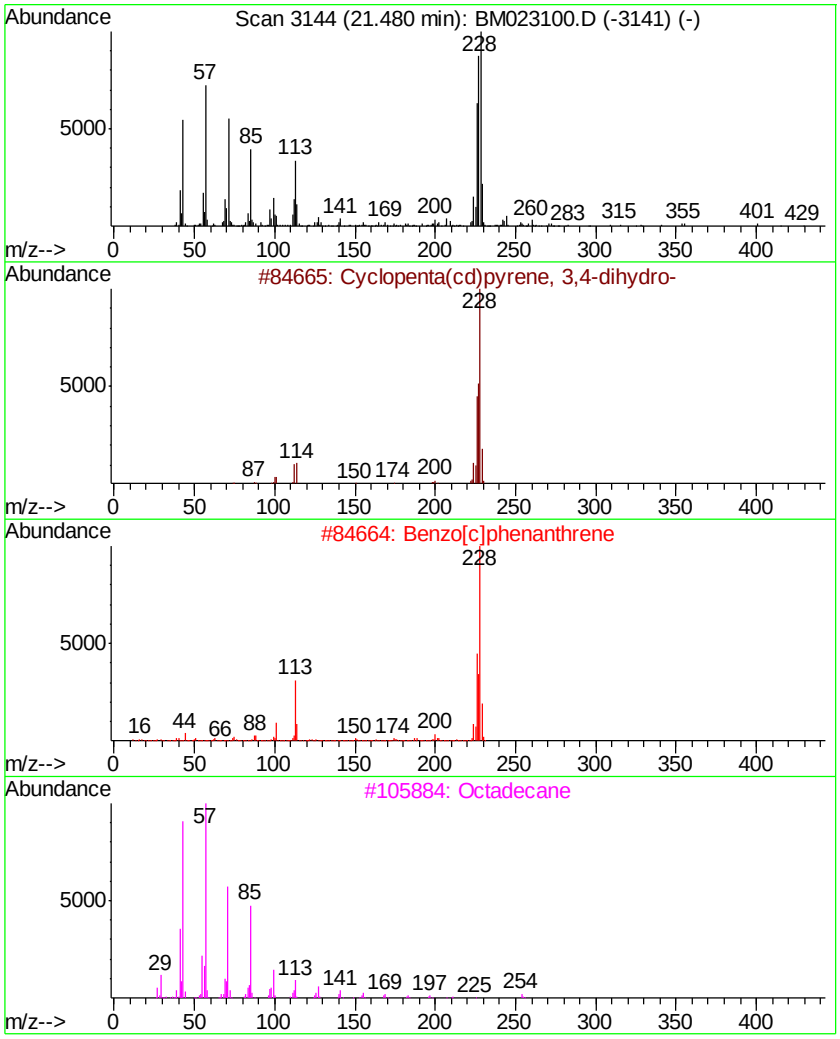
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

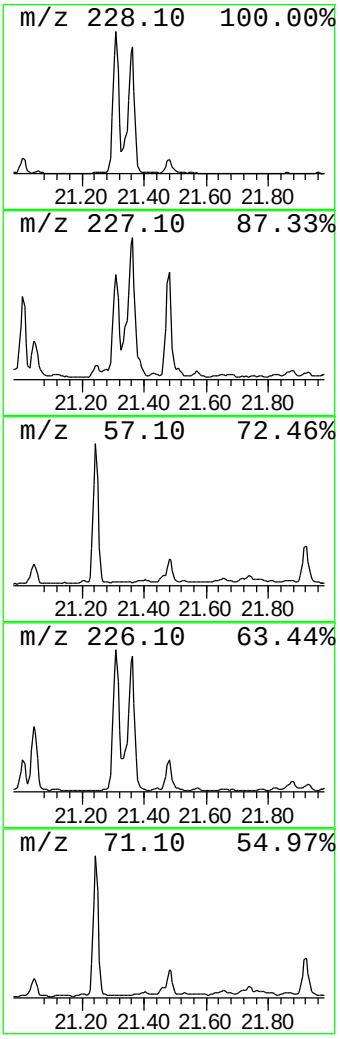
****

Peak Number 11 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	2.59 ng/ul	476980	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3	Octadecane	254	C18H38	000593-45-3	43
4	Triphenylene	228	C18H12	000217-59-4	38
5	Chrysene	228	C18H12	000218-01-9	35





Library Search Compound Report

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Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

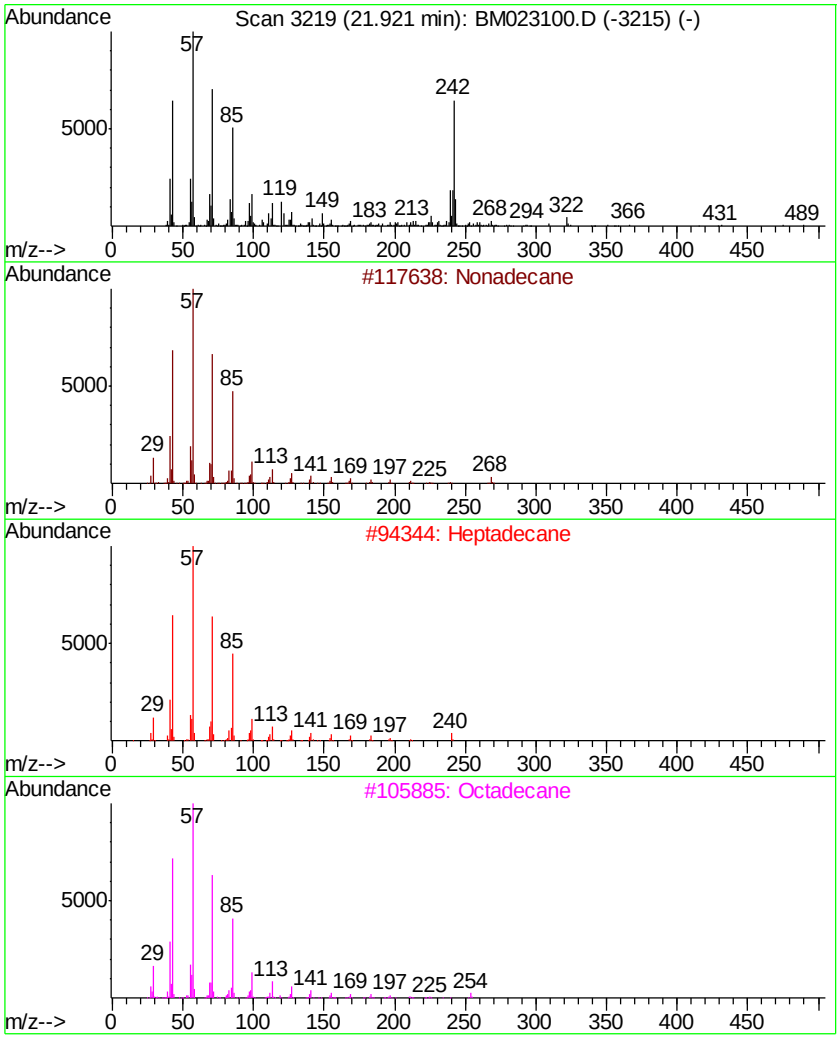
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

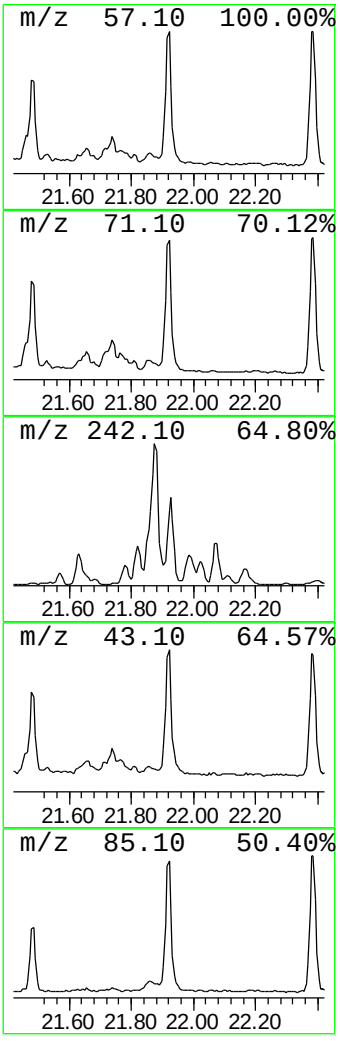
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	3.50 ng/ul	646036	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heptadecane	240	C17H36	000629-78-7	95
3	Octadecane	254	C18H38	000593-45-3	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

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Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

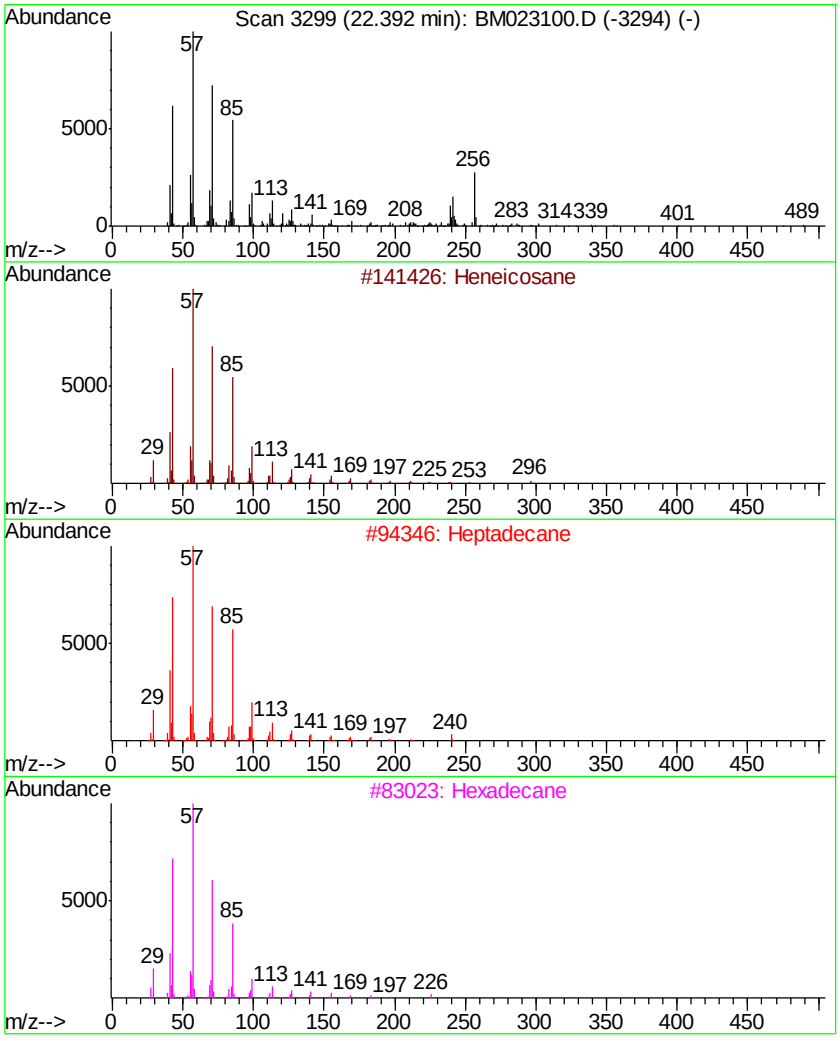
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

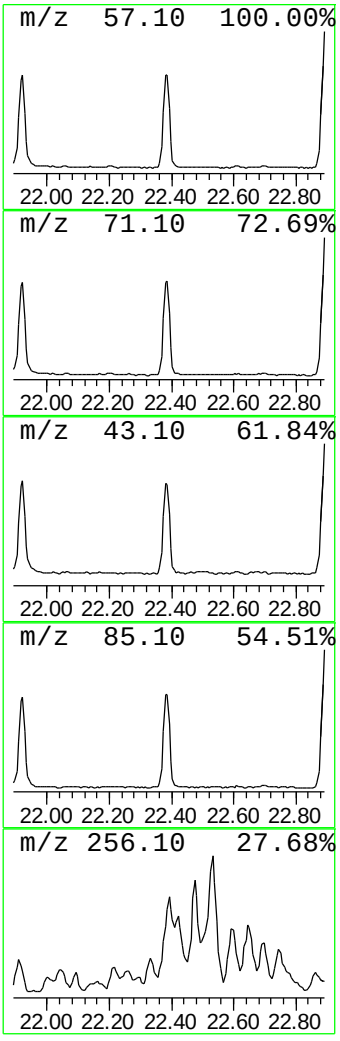
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	3.23 ng/ul	595736	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane	240	C17H36	000629-78-7	95
3	Hexadecane	226	C16H34	000544-76-3	95
4	Heptadecane	240	C17H36	000629-78-7	91
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90





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Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

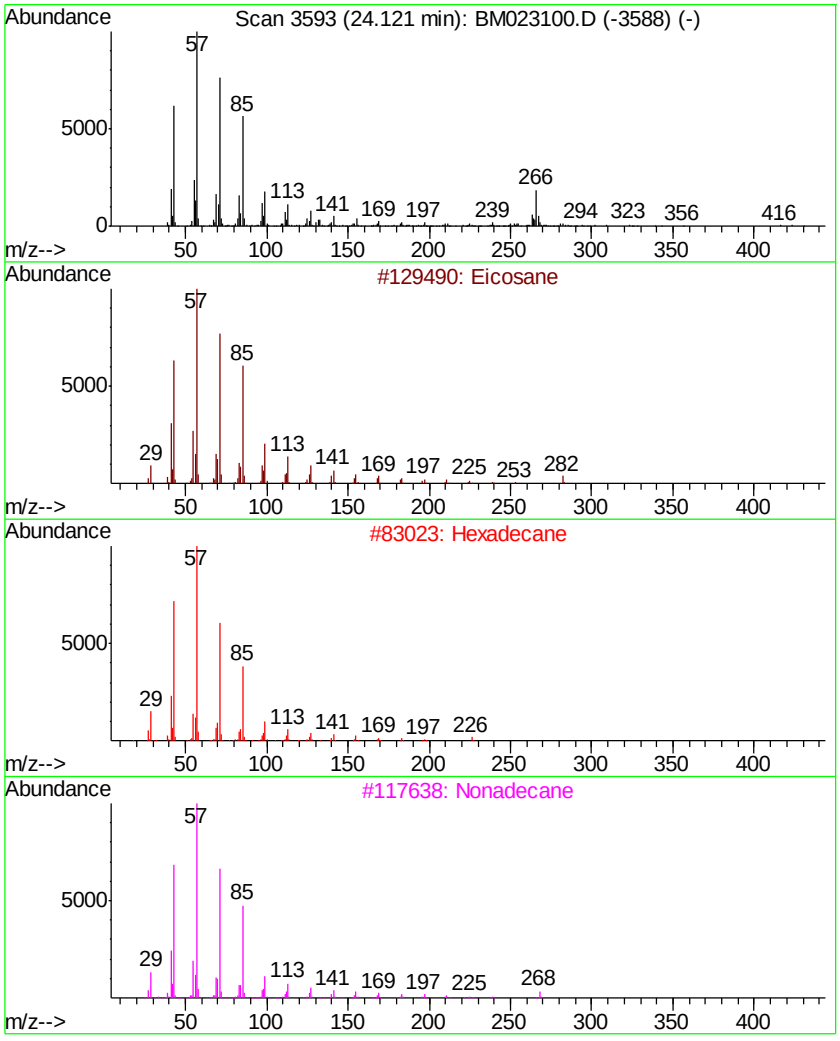
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

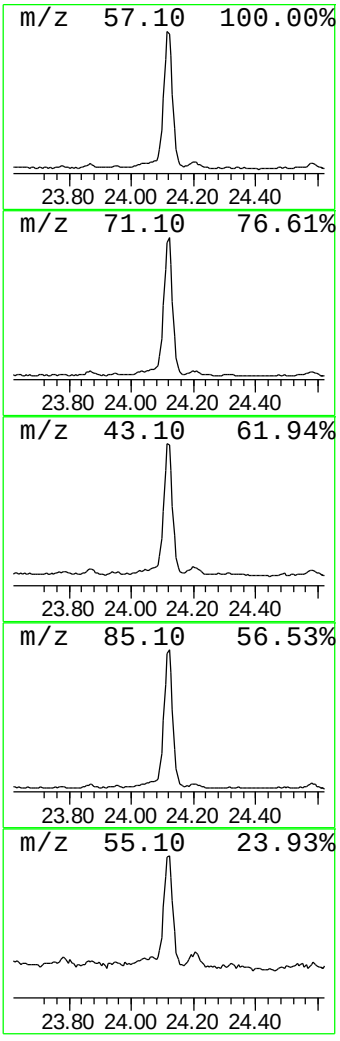
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	9.23 ng/ul	933082	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Hexadecane	226	C16H34	000544-76-3	95
3	Nonadecane	268	C19H40	000629-92-5	94
4	Hexacosane	366	C26H54	000630-01-3	93
5	Nonadecane	268	C19H40	000629-92-5	91





Tentatively Identified Compound (LSC) summary

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Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Juglone	14.65	3.6	ng/ul	289187	3	14.40	1615170	20.0
Phenanthrene, 2-m...	18.02	2.4	ng/ul	212165	4	17.14	1806130	20.0
Anthracene, 2-met...	18.07	3.2	ng/ul	286820	4	17.14	1806130	20.0
4H-Cyclopenta[def...	18.22	6.0	ng/ul	542922	4	17.14	1806130	20.0
Naphthalene, 2-ph...	18.52	2.2	ng/ul	198187	4	17.14	1806130	20.0
Phenanthrene, 2,5...	18.94	3.1	ng/ul	283992	4	17.14	1806130	20.0
Phenanthrene, 3,6...	18.99	2.5	ng/ul	225132	4	17.14	1806130	20.0
Anthracene, 1,4-d...	19.07	2.7	ng/ul	243149	4	17.14	1806130	20.0
11H-Benzo[b]fluorene	20.06	3.2	ng/ul	591247	5	21.33	3687390	20.0
Cyclopenta[cd]pyrene	21.04	2.5	ng/ul	458617	5	21.33	3687390	20.0
Cyclopenta(cd)pyr...	21.48	2.6	ng/ul	476980	5	21.33	3687390	20.0
(DEL) Alkane: Str...	21.92	3.5	ng/ul	646036	5	21.33	3687390	20.0
(DEL) Alkane: Str...	22.39	3.2	ng/ul	595736	5	21.33	3687390	20.0
(DEL) Alkane: Str...	24.12	9.2	ng/ul	933082	6	23.57	2022580	20.0