LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

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	3.252	42	45	59	rVB2	35135	75484	1.13%	0.073%
2	3.763	128	132	139	rBV	32862	44813	0.67%	0.043%
3	3.981	165	169	173	rBV	33805	43881	0.66%	0.042%
4	6.934	665	671	690	rVB2	588156	1069893	16.06%	1.029%
5	7.104	693	700	717	rBV	458215	760186	11.41%	0.731%
6	7.304	727	734	745	rVB	633310	1016820	15.26%	0.978%
7	7.769	805	813	821	rBV	640434	1016167	15.25%	0.977%
8	8.469	926	932	939	rBV	679184	1093402	16.41%	1.051%
9	8.922	1002	1009	1018	rVV	569610	917052	13.77%	0.882%
10	9.639	1125	1131	1142	rBV	450298	743872	11.17%	0.715%
11	10.181	1213	1223	1234	rBV	719695	1235309	18.54%	1.188%
12	10.557	1278	1287	1293	rBV	878299	1460167	21.92%	1.404%
13	10.604	1293	1295	1301	rVB	39664	51698	0.78%	0.050%
14	10.692	1303	1310	1327	rBV	376945	730310	10.96%	0.702%
15	12.222	1563	1570	1577	rVB2	39180	67780	1.02%	0.065%
16	13.239	1736	1743	1750	rBV	30401	43630	0.65%	0.042%
17	13.727	1820	1826	1831	rBV2	34511	60490	0.91%	0.058%
18	13.816	1835	1841	1845	rVV	1209002	1656589	24.87%	1.593%
19	13.863	1845	1849	1854	rVV	430361	589033	8.84%	0.566%
20	14.098	1879	1889	1904	rBV	1458489	2302611	34.57%	2.214%
21	14.404	1932	1941	1949	rBV	1219312	1894415	28.44%	1.821%
22	14.469	1949	1952	1959	rVB	90719	126710	1.90%	0.122%
23	14.598	1968	1974	1985	rBV	359909	582645	8.75%	0.560%
24	14.804	2004	2009	2017	rVB2	74192	152785	2.29%	0.147%
25	15.021	2039	2046	2051	rBV5	27732	63370	0.95%	0.061%
26	15.269	2084	2088	2095	rVB2	32331	44759	0.67%	0.043%
27	15.398	2099	2110	2115	rBV	1813747	2555721	38.37%	2.457%
28	15.451	2115	2119	2124	rVB	98835	137574	2.07%	0.132%
29	15.516	2124	2130	2137	rBV	341297	499624	7.50%	0.480%
30	15.610	2143	2146	2152	rBV4	31697	72213	1.08%	0.069%
31	15.686	2152	2159	2165	rVB3	106492	184097	2.76%	0.177%
32	15.745	2166	2169	2179	rVB2	39509	85338	1.28%	0.082%
33	15.892	2187	2194	2196	rBV3	35066	60597	0.91%	0.058%
34	15.992	2202	2211	2216	rBV3	116103	203134	3.05%	0.195%

LSC Area Percent Report

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Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

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	16.127	2228	2234	2242	rBV4	82828	171642	2.58%	0.165%
36	16.239	2247	2253	2255	rBV3	34217	52957	0.79%	0.051%
37	16.398	2276	2280	2283	rVV	44569	62937	0.94%	0.061%
38	16.433	2283	2286	2294	rVV4	62504	138128	2.07%	0.133%
39	16.498	2294	2297	2301	rVV4	56022	84313	1.27%	0.081%
40	16.551	2303	2306	2311	rVB	49405	63327	0.95%	0.061%
41	16.745	2337	2339	2344	rVB2	50445	64829	0.97%	0.062%
42	16.798	2345	2348	2355	rVB3	46593	81156	1.22%	0.078%
43	16.963	2372	2376	2384	rVB2	106075	162491	2.44%	0.156%
44	17.057	2384	2392	2397	rVB2	65604	140613	2.11%	0.135%
45	17.145	2398	2407	2411	rBV2	1371776	2053724	30.83%	1.974%
46	17.186	2411	2414	2419	rVV	1280643	1695776	25.46%	1.630%
47	17.245	2419	2424	2428	rVV	1800776	2652213	39.81%	2.550%
48	17.274	2428	2429	2434	rVB	299356	292085	4.38%	0.281%
49	17.333	2434	2439	2445	rBV3	61378	127235	1.91%	0.122%
50	17.545	2471	2475	2480	rBV	93406	111640	1.68%	0.107%
51	17.727	2502	2506	2512	rBV2	104794	169962	2.55%	0.163%
52	17.862	2525	2529	2535	rBV4	77217	144729	2.17%	0.139%
53	18.021	2551	2556	2558	rBV	269732	403352	6.06%	0.388%
54	18.068	2558	2564	2569	rVB2	411999	833935	12.52%	0.802%
55	18.115	2569	2572	2574	rBV	55573	63654	0.96%	0.061%
56	18.145	2574	2577	2582	rVB	113669	159773	2.40%	0.154%
57	18.215	2583	2589	2593	rBV2	558362	1006654	15.11%	0.968%
58	18.251	2593	2595	2598	rVB	168610	160310	2.41%	0.154%
59	18.321	2604	2607	2609	rBV	65373	82271	1.24%	0.079%
60	18.521	2635	2641	2644	rBV3	174825	301645	4.53%	0.290%
61	18.557	2644	2647	2655	rVB4	172452	278598	4.18%	0.268%
62	18.645	2659	2662	2665	rBV	63459	74187	1.11%	0.071%
63	18.768	2680	2683	2687	rVB	131817	149082	2.24%	0.143%
64	18.815	2689	2691	2695	rVB	84699	92679	1.39%	0.089%
65	18.939	2708	2712	2716	rBV	299145	452359	6.79%	0.435%
66	18.998	2716	2722	2726	rVV5	161853	412241	6.19%	0.396%
67	19.033	2726	2728	2731	rVV2	130260	142042	2.13%	0.137%
68	19.074	2731	2735	2743	rVB3	234756	426877	6.41%	0.410%
69	19.204	2752	2757	2762	rBV	2794531	3504446	52.61%	3.369%
70	19.268	2765	2768	2771	rBV2	127203	167312	2.51%	0.161%
71	19.539	2808	2814	2816	rBV2	2527272	3612972	54.24%	3.473%

LSC Area Percent Report

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Acq On : 10 Oct 2019 02:55
Operator : JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

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	19.568	2816	2819	2827	rVV	2835527	3783484	56.80%	3.637%
73	19.645	2828	2832	2837	rVB3	156977	275554	4.14%	0.265%
74	19.798	2855	2858	2864	rVB2	211098	342393	5.14%	0.329%
75	19.892	2869	2874	2881	rBV3	275201	664410	9.97%	0.639%
76	20.062	2899	2903	2906	rVB	566686	694505	10.43%	0.668%
77	20.162	2916	2920	2924	rBV	371158	448546	6.73%	0.431%
78	20.221	2926	2930	2934	rVB2	407681	534671	8.03%	0.514%
79	20.356	2950	2953	2957	rBV	278946	316009	4.74%	0.304%
80	20.403	2958	2961	2965	rVB	304538	389064	5.84%	0.374%
81	20.803	3026	3029	3036	rVB	389872	550613	8.27%	0.529%
82	21.009	3062	3064	3066	rBV	234494	257782	3.87%	0.248%
83	21.045	3067	3070	3076	rVB3	1050734	1351900	20.29%	1.300%
84	21.245	3100	3104	3108	rVB	1900771	2085188	31.30%	2.005%
85	21.315	3111	3116	3121	rVV2	2464831	5073245	76.16%	4.877%
86	21.362	3121	3124	3134	rVB	1935899	2462155	36.96%	2.367%
87	21.486	3141	3145	3150	rBV3	763658	942566	14.15%	0.906%
88	21.874	3209	3211	3215	rVB	479686	544297	8.17%	0.523%
89	21.921	3215	3219	3225	rVB2	1252304	1774450	26.64%	1.706%
90	22.386	3294	3298	3303	rBV	1530202	2037440	30.59%	1.959%
91	22.897	3380	3385	3390	rBV2	3698347	6455936	96.92%	6.206%
92	23.380	3463	3467	3471	rBV	778892	1277020	19.17%	1.228%
93	23.433	3472	3476	3479	rVV	1467656	2704728	40.60%	2.600%
94	23.474	3479	3483	3492	rVB2	3690643	6661418	100.00%	6.404%
95	23.580	3495	3501	3506	rBV	1010439	1797194	26.98%	1.728%
96	24.127	3587	3594	3602	rVB	2768927	5596698	84.02%	5.380%
97	24.880	3715	3722	3730	rBV	2048670	4415030	66.28%	4.244%
98	25.762	3865	3872	3880	rBV	1498846	3727439	55.96%	3.583%
99	25.850	3882	3887	3903	rVB2	685435	1859353	27.91%	1.787%
100	26.809	4043	4050	4061	rVB	932589	2762476	41.47%	2.656%

Sum of corrected areas: 104021879

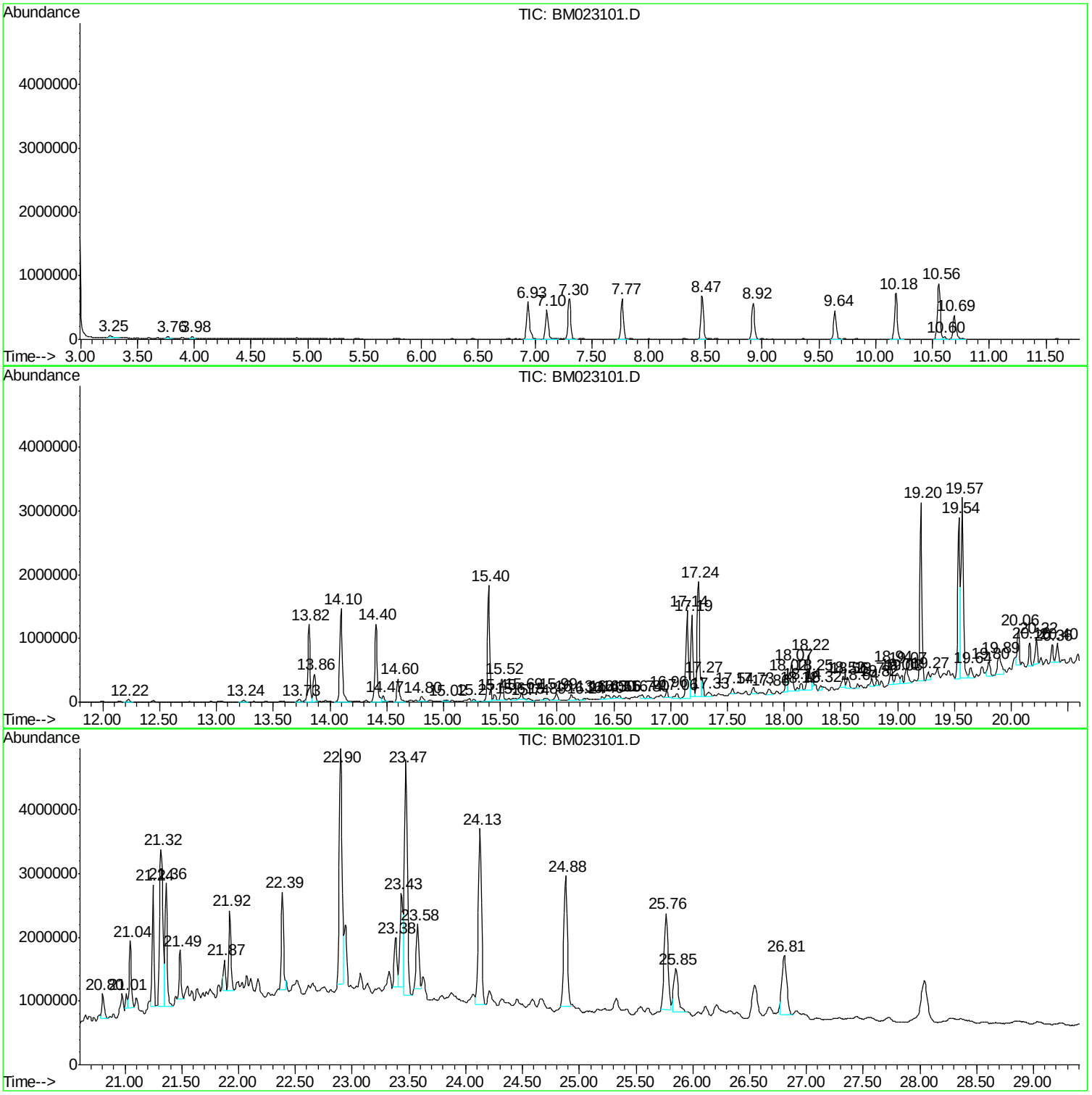
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

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 : BM023101.D
Acq On : 10 Oct 2019 02:55
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Misc :
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Instrument : BNA_M
ClientSampleId : BEP95

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

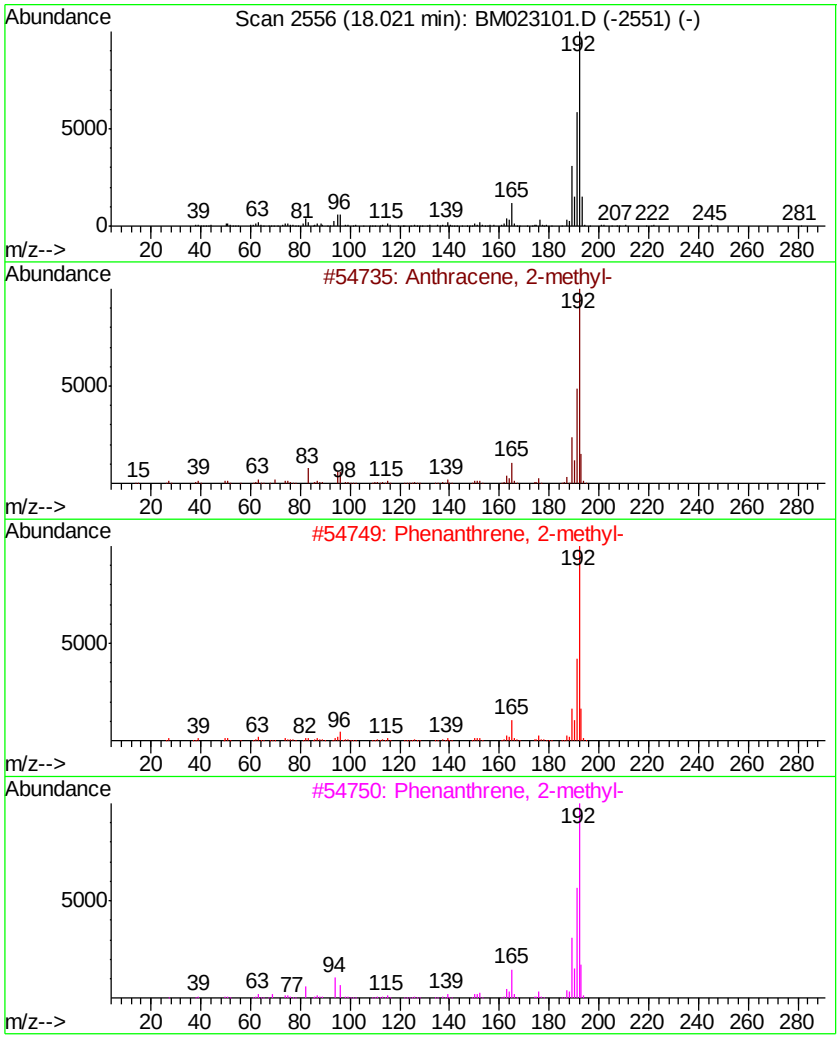
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

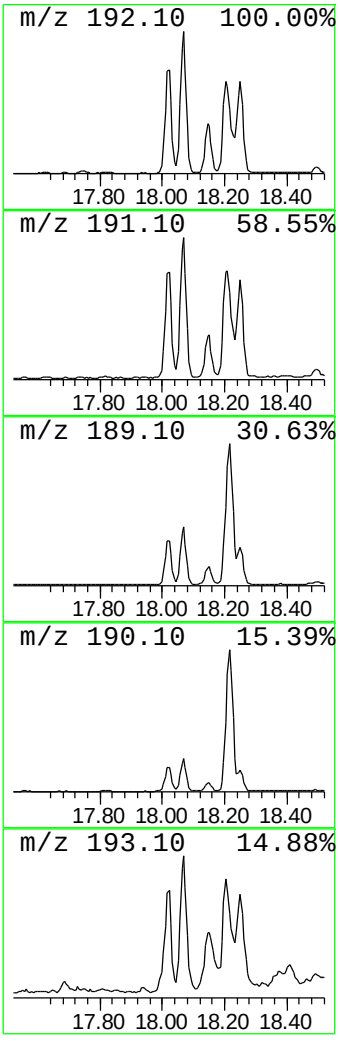
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.93 ng/ul	403352	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

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

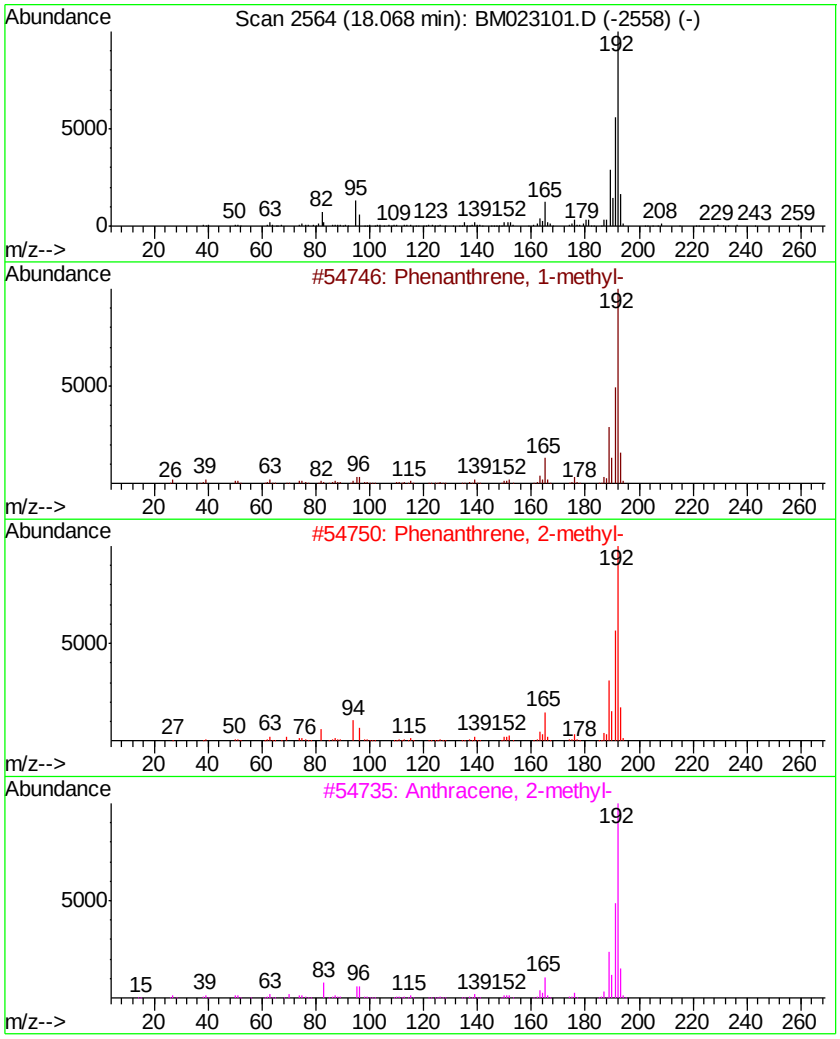
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

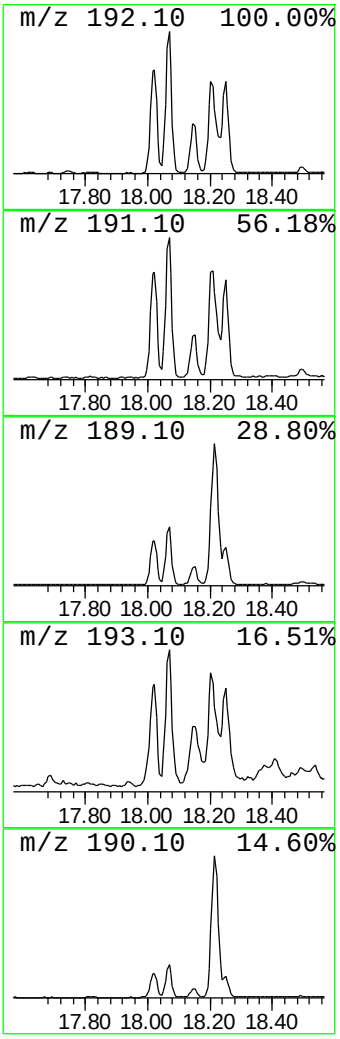
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	8.12 ng/ul	833935	Phenanthrene-d10	17.14

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
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Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

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

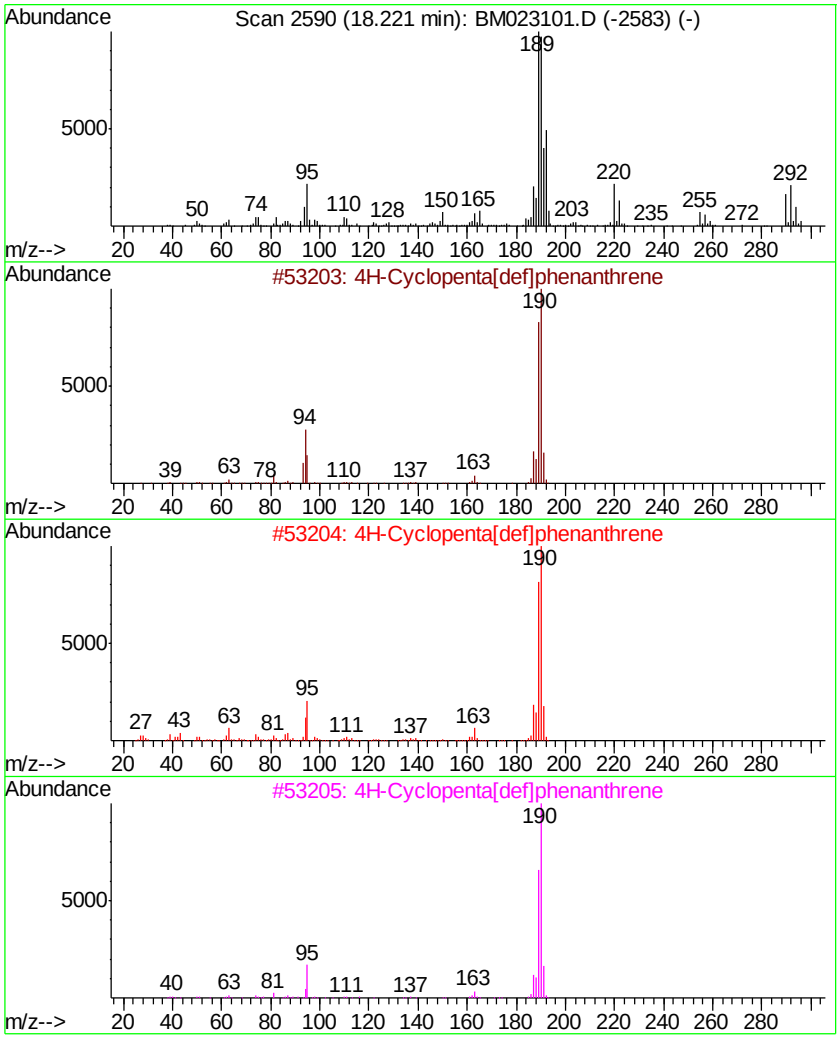
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

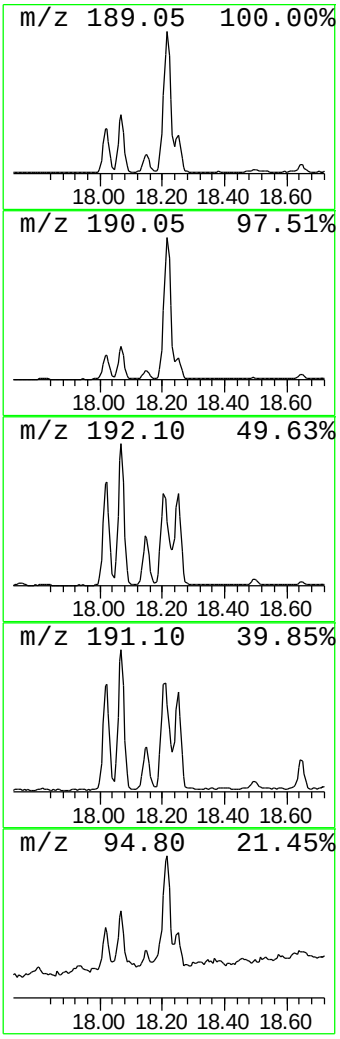
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	9.80 ng/ul	1006650	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	55
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4	4-Amino-3,5-dichloro-2,6-lutidine	190	C7H8Cl2N2	050978-40-0	25
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

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

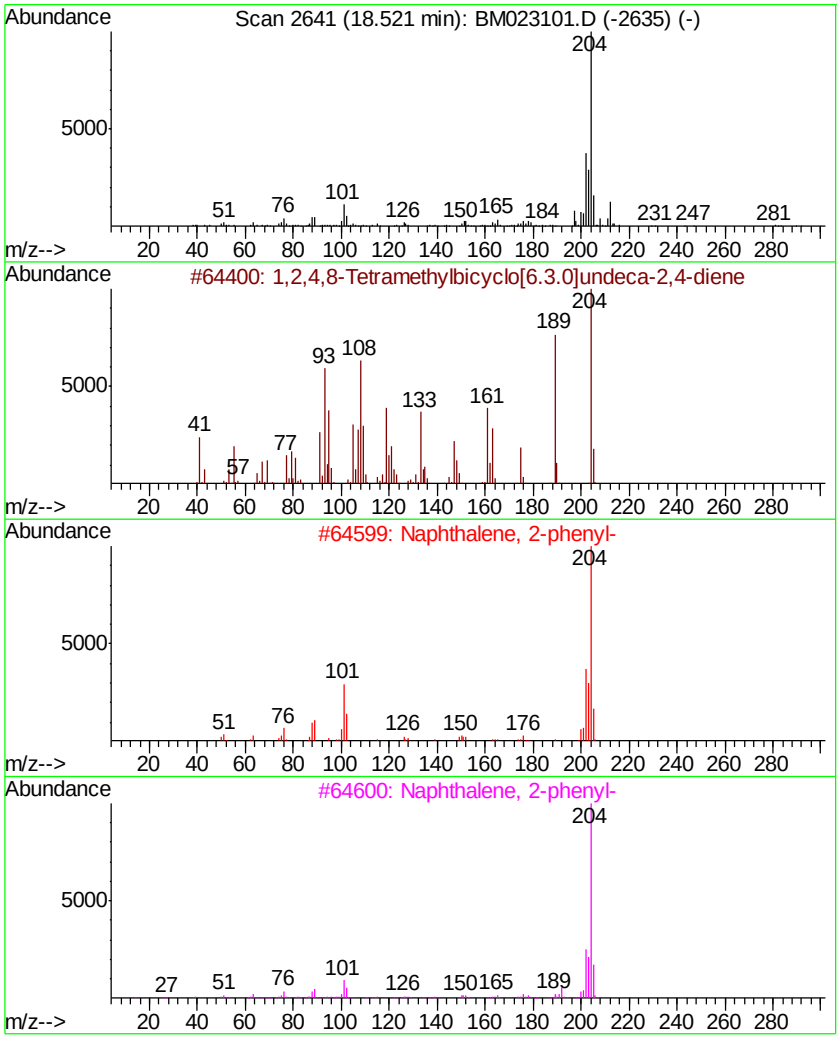
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

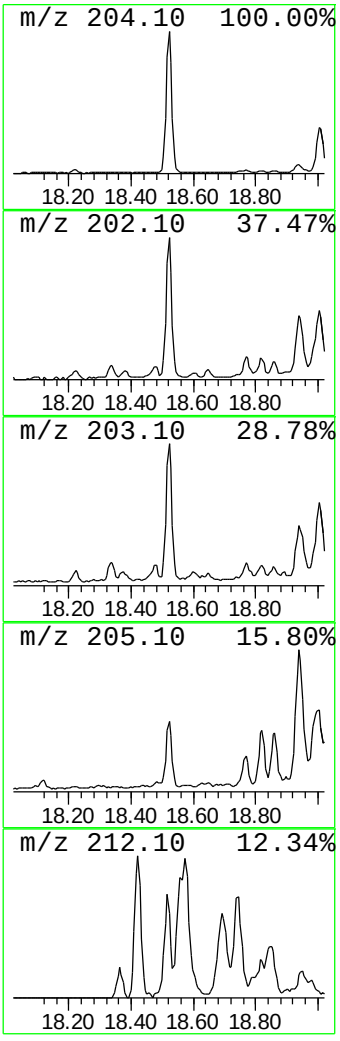
****

Peak Number 4 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.94 ng/ul	301645	Phenanthrene-d10	17.14

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	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

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

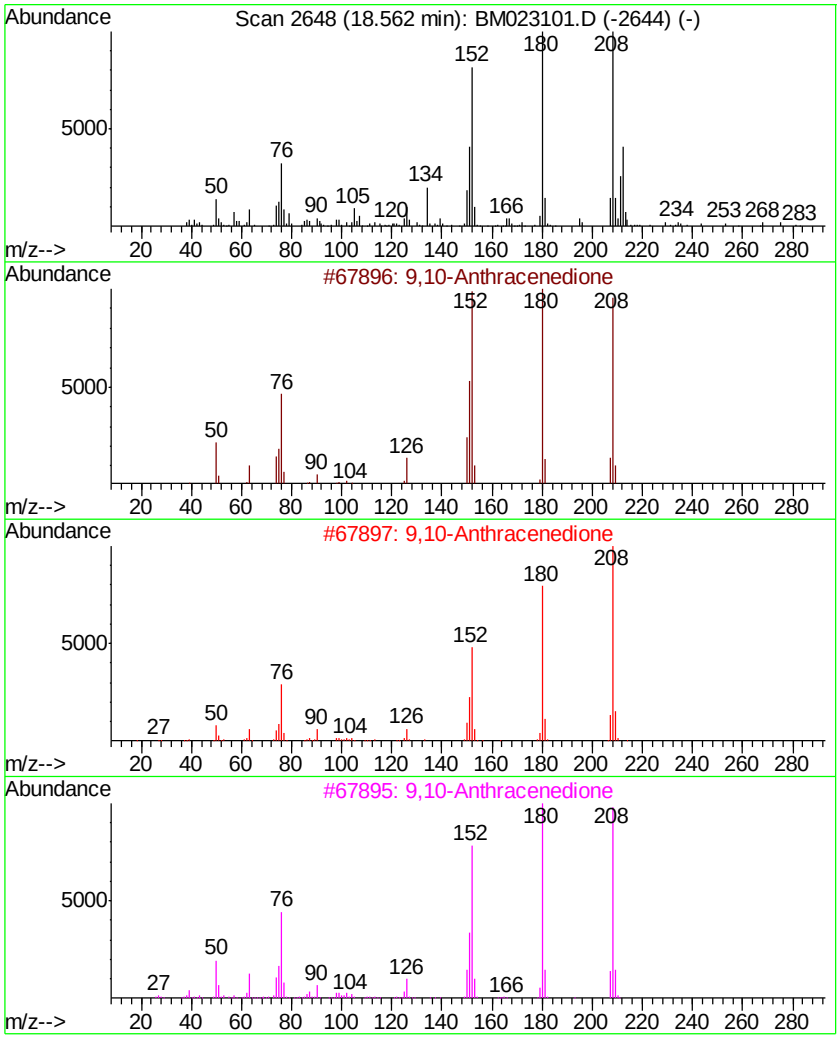
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

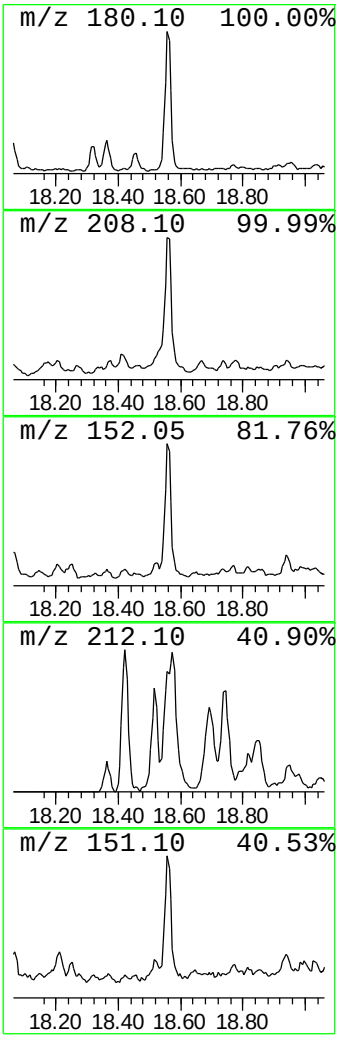
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.71 ng/ul	278598	Phenanthrene-d10	17.14

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	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
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Instrument : BNA_M
ClientSampleId : BEP95

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Quant Title : SVOA CALIBRATION

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

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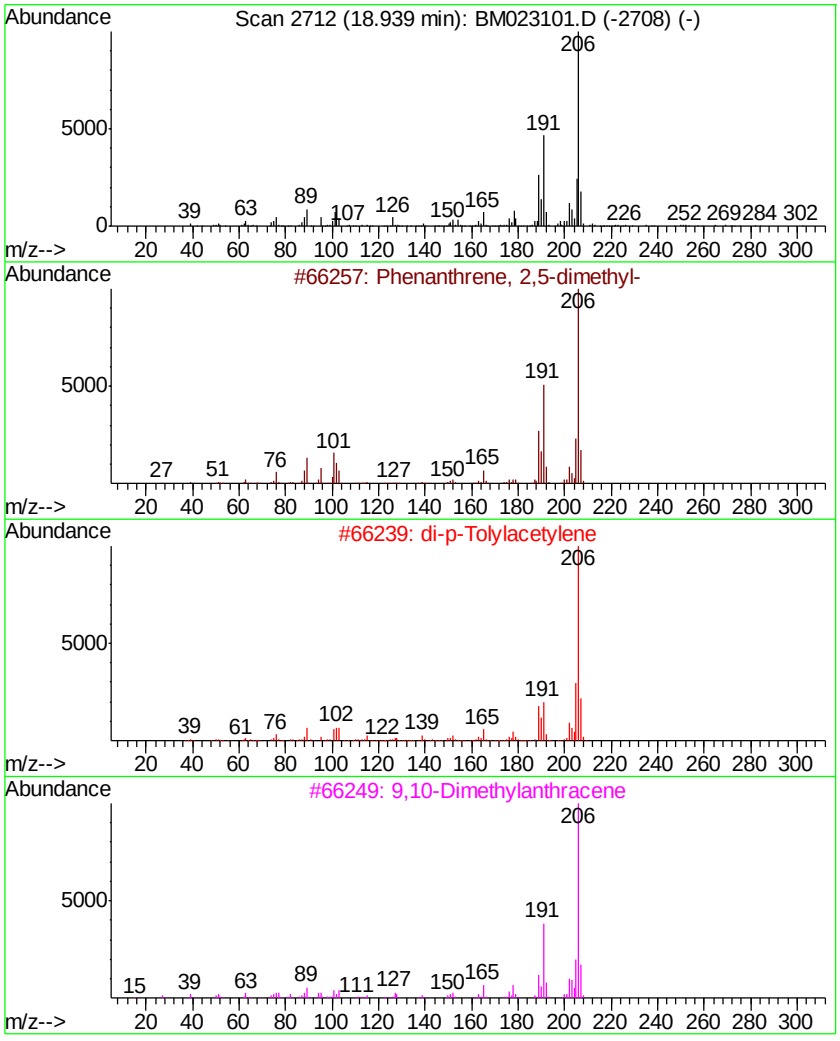
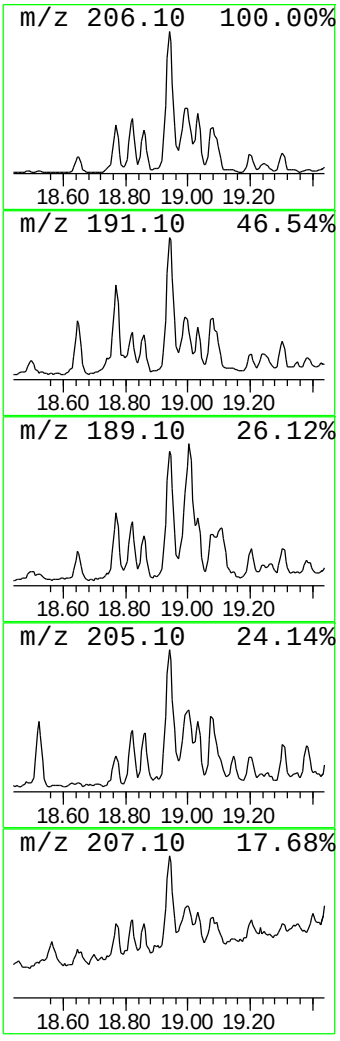
Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	4.41 ng/ul	452359	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	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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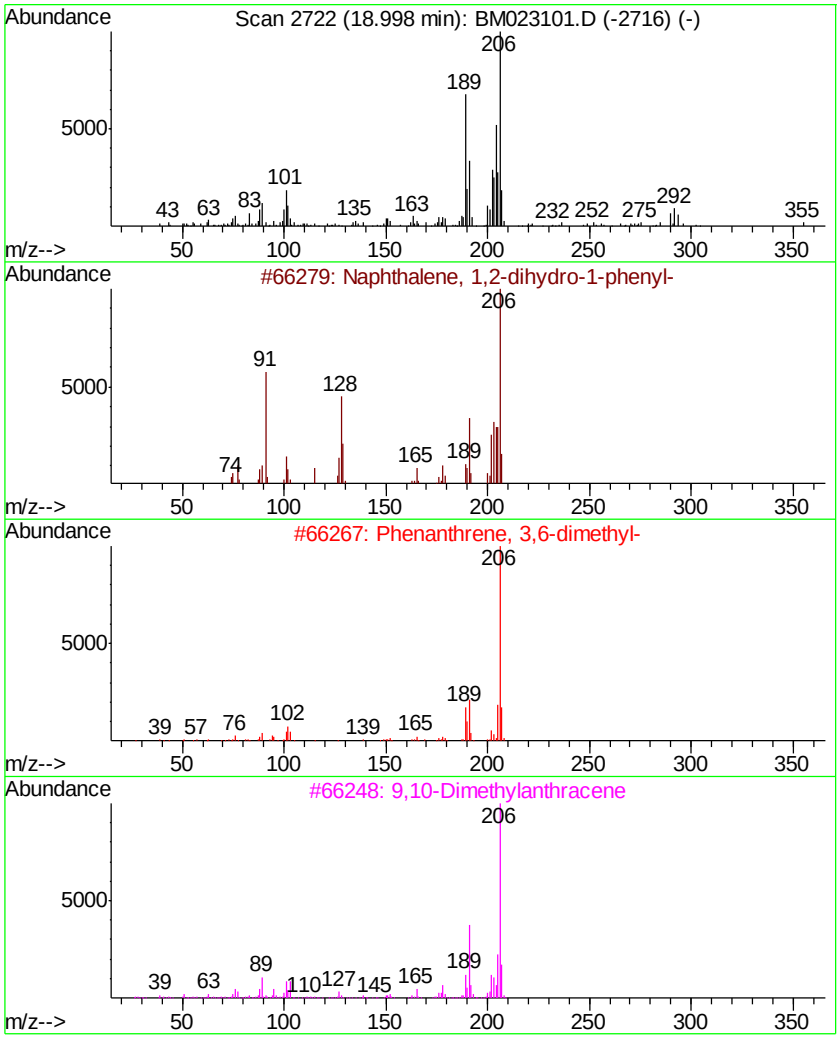
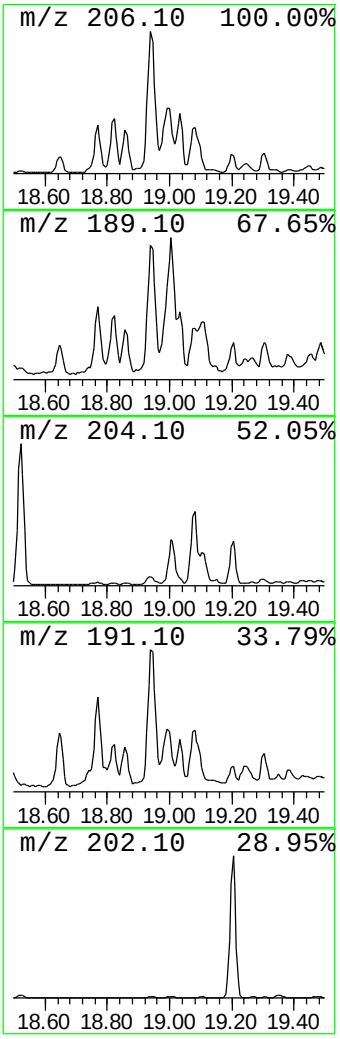
Peak Number 7 Naphthalene, 1,2-dihydro-1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	4.01 ng/ul	412241	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	50
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	45
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	43





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ClientSampleId : BEP95

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Quant Title : SVOA CALIBRATION

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

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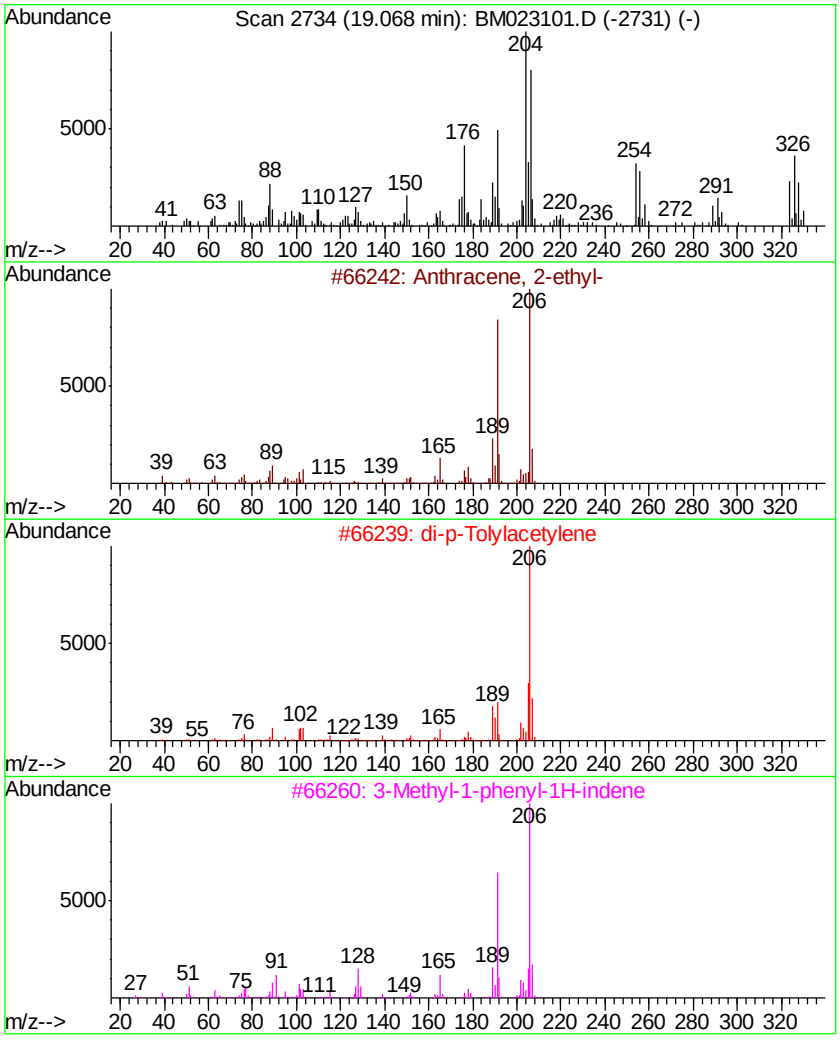
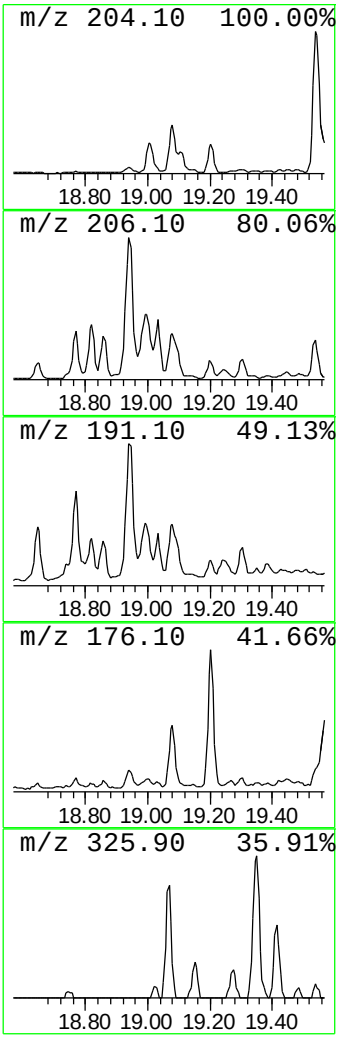
Peak Number 8 Anthracene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	4.16 ng/ul	426877	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	80
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	60
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	55
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	55
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49





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Quant Title : SVOA CALIBRATION

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

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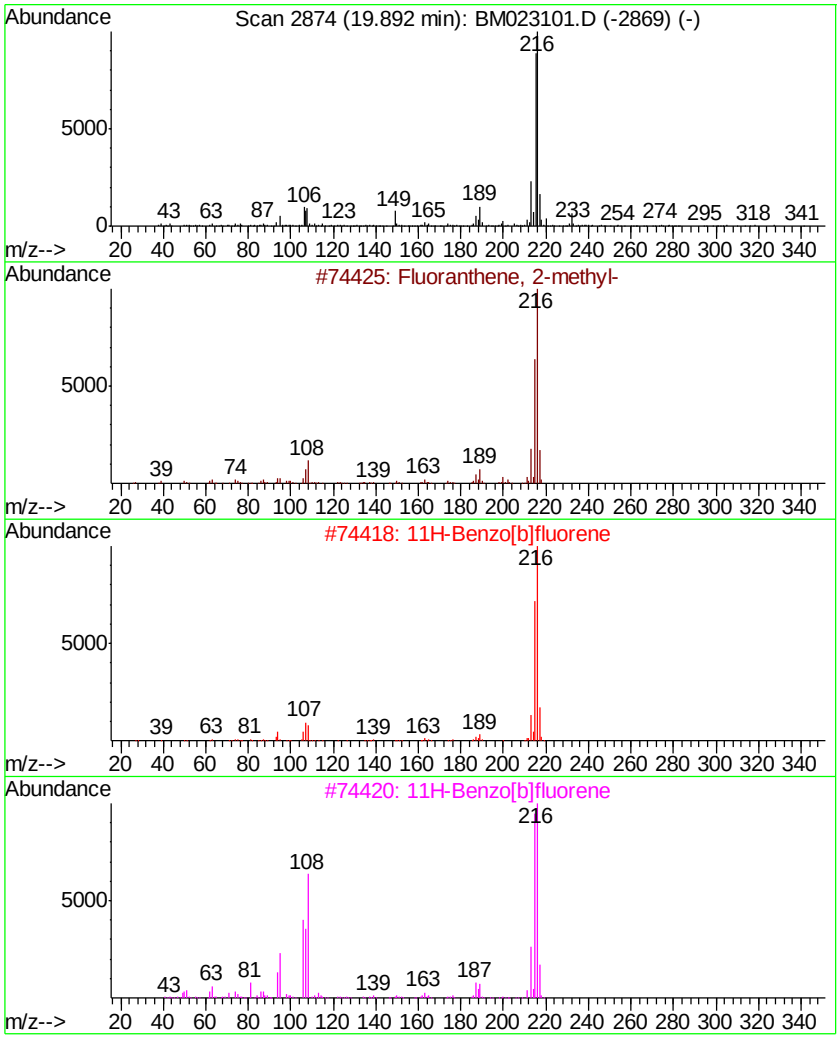
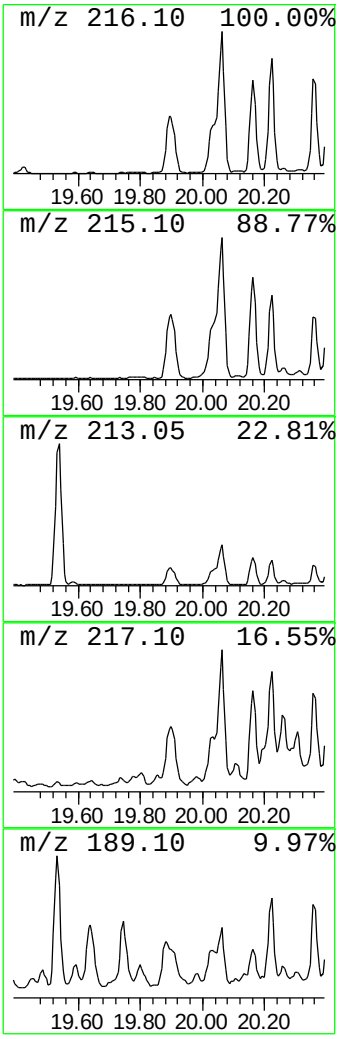
Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.62 ng/ul	664410	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90





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ClientSampleId : BEP95

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Quant Title : SVOA CALIBRATION

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

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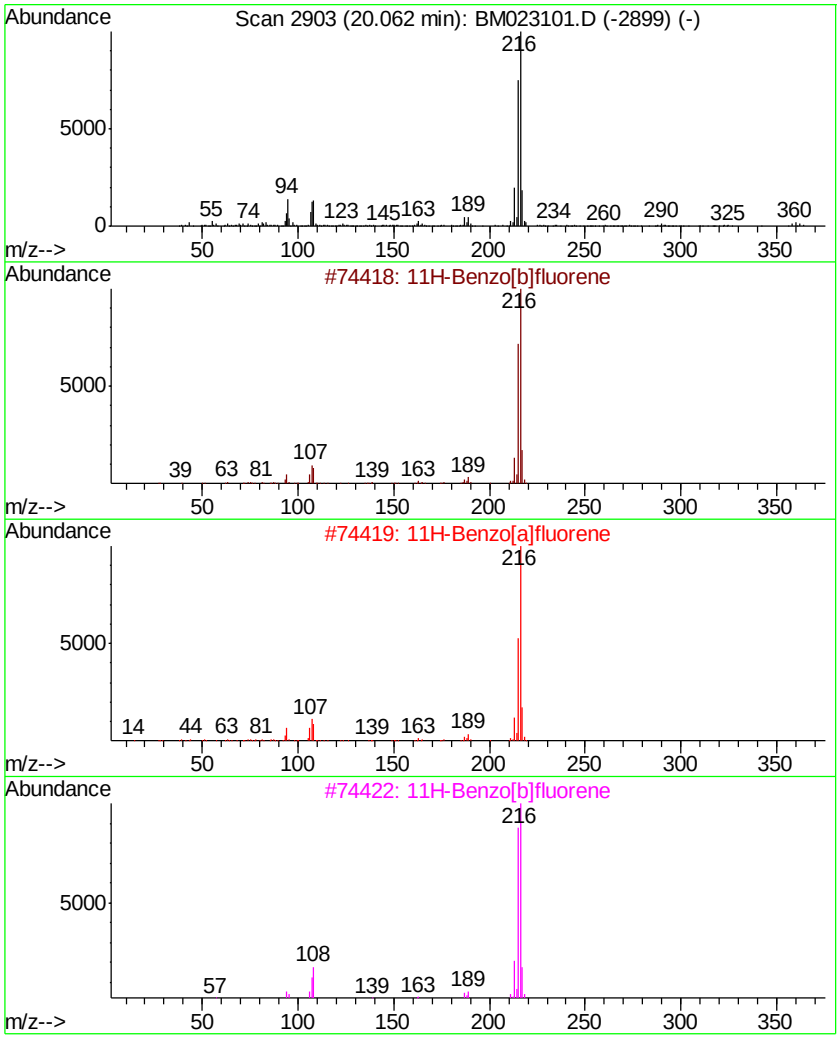
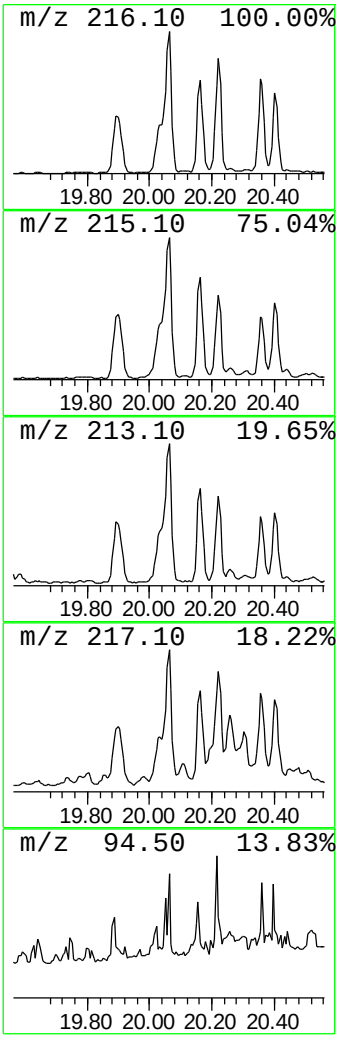
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.74 ng/ul	694505	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





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Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
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Instrument : BNA_M
ClientSampleId : BEP95

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Quant Title : SVOA CALIBRATION

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

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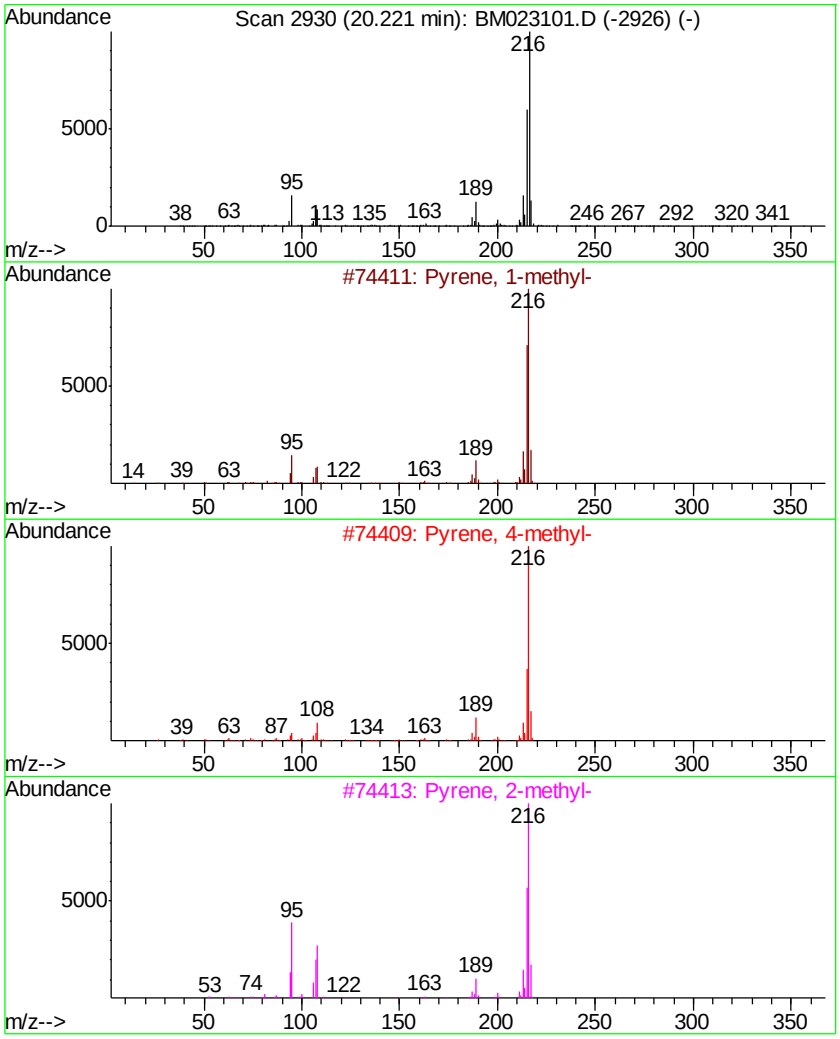
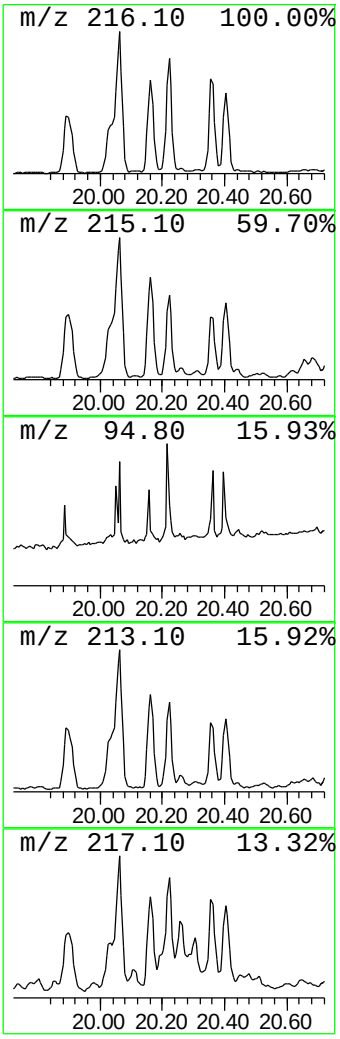
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.11 ng/ul	534671	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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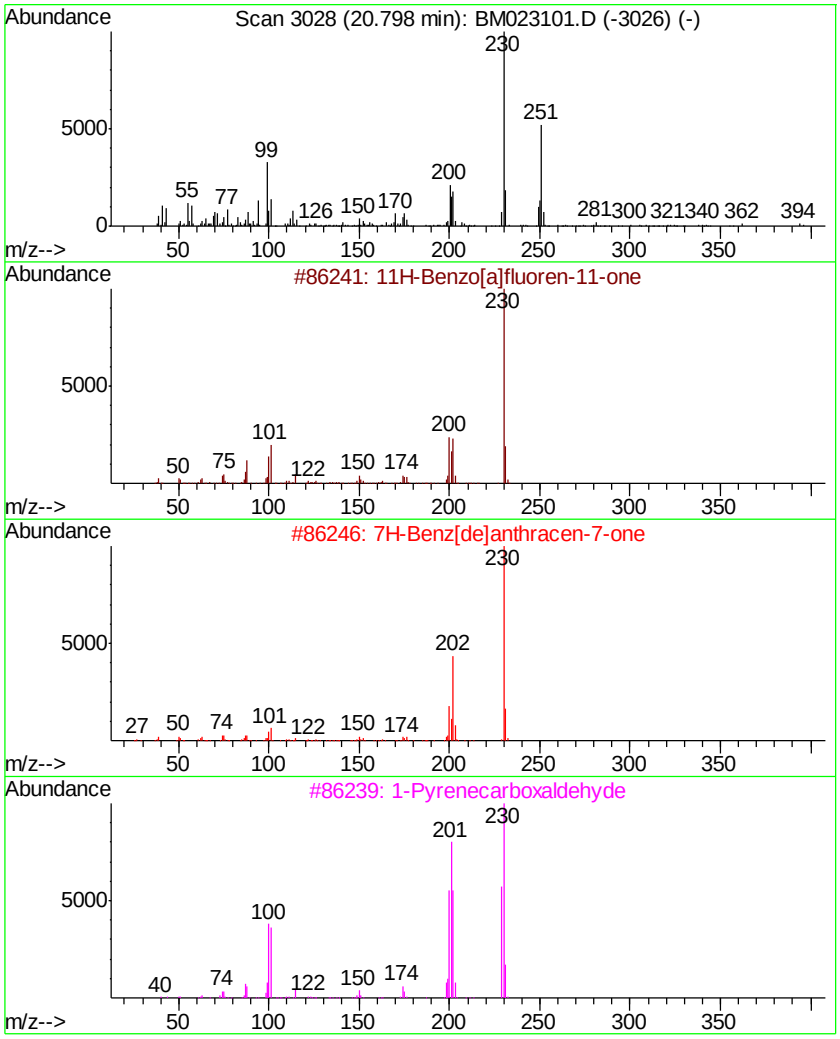
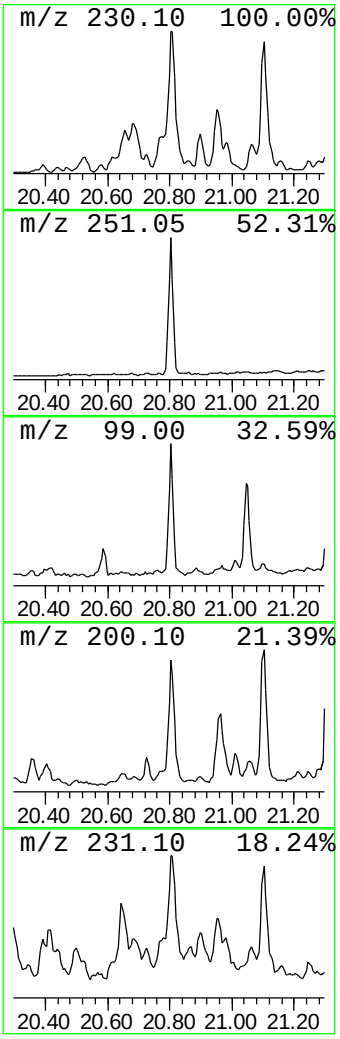
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.17 ng/ul	550613	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	53
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	49
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46





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Quant Title : SVOA CALIBRATION

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

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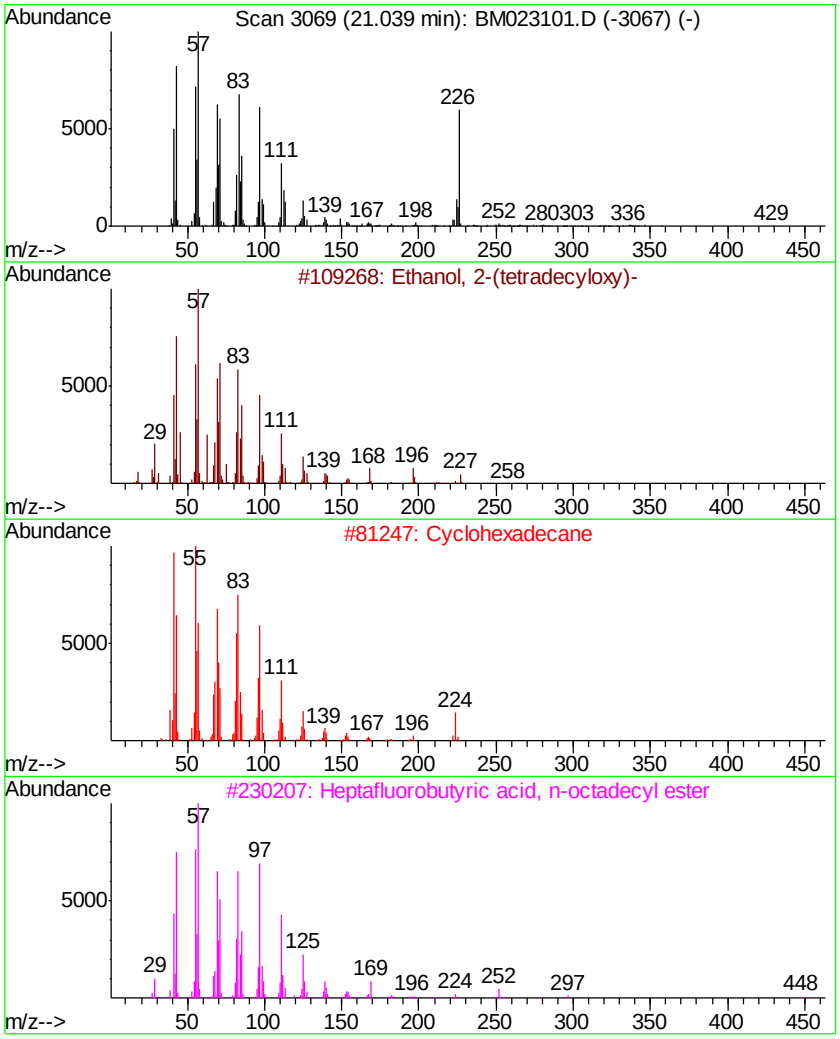
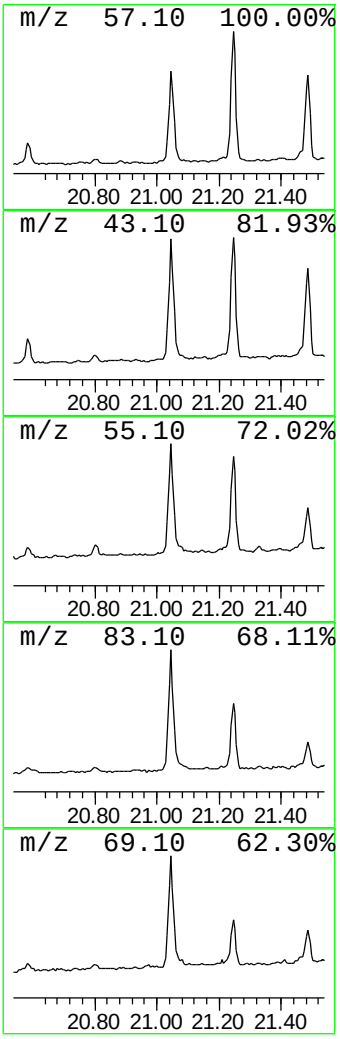
Peak Number 13 Ethanol, 2-(tetradecyloxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	5.33 ng/ul	1351900	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	64
2	Cyclohexadecane	224	C16H32	000295-65-8	60
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	50
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	50
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	50





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Quant Title : SVOA CALIBRATION

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

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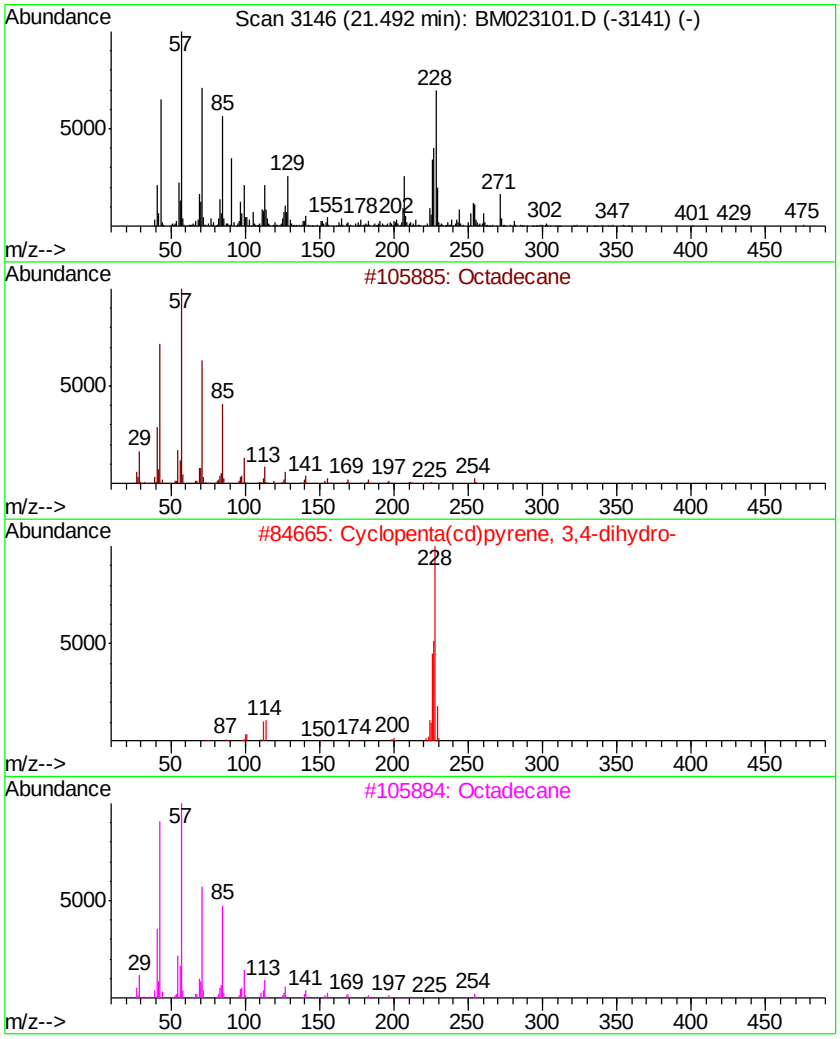
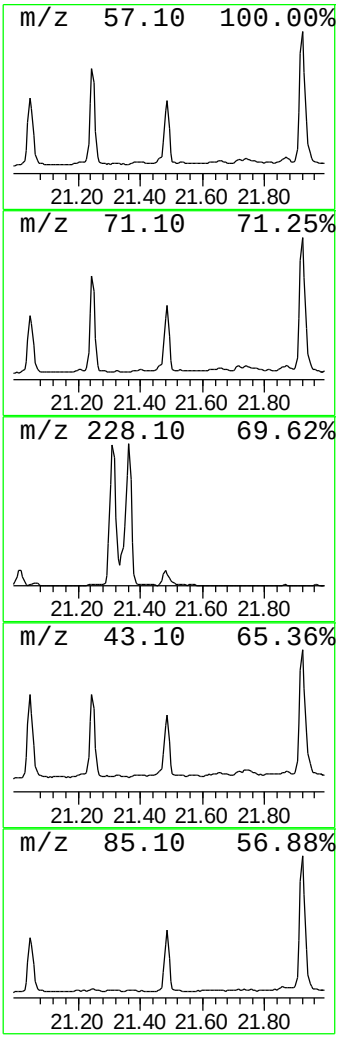
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.72 ng/ul	942566	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	83
3	Octadecane	254	C18H38	000593-45-3	55
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
5	Hexadecane	226	C16H34	000544-76-3	55





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Quant Title : SVOA CALIBRATION

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

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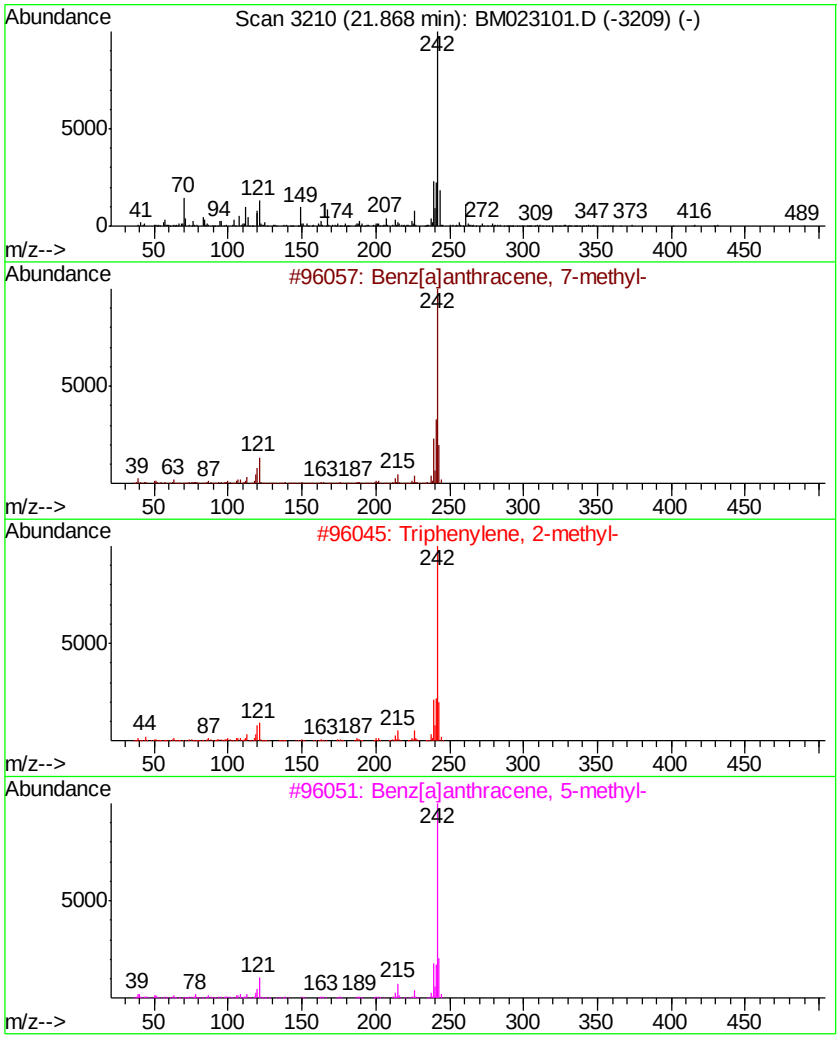
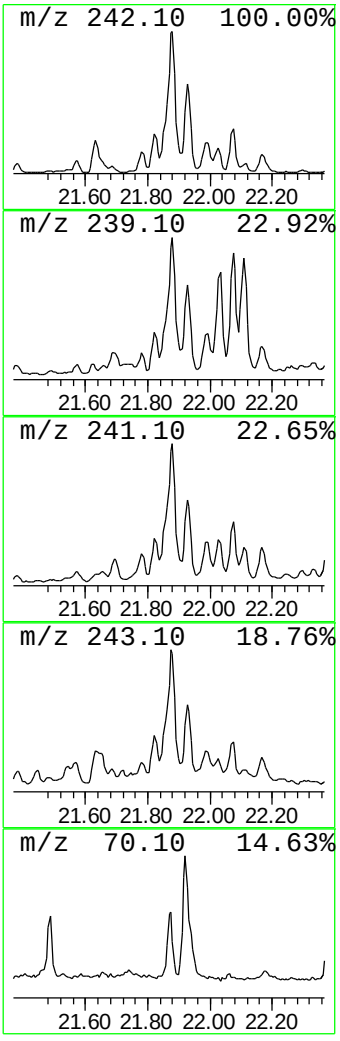
Peak Number 15 Benz[a]anthracene, 7-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.15 ng/ul	544297	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Benz[a]anthracene, 5-methyl-	242	C19H14	002319-96-2	90
4	Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	90
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90





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Quant Title : SVOA CALIBRATION

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

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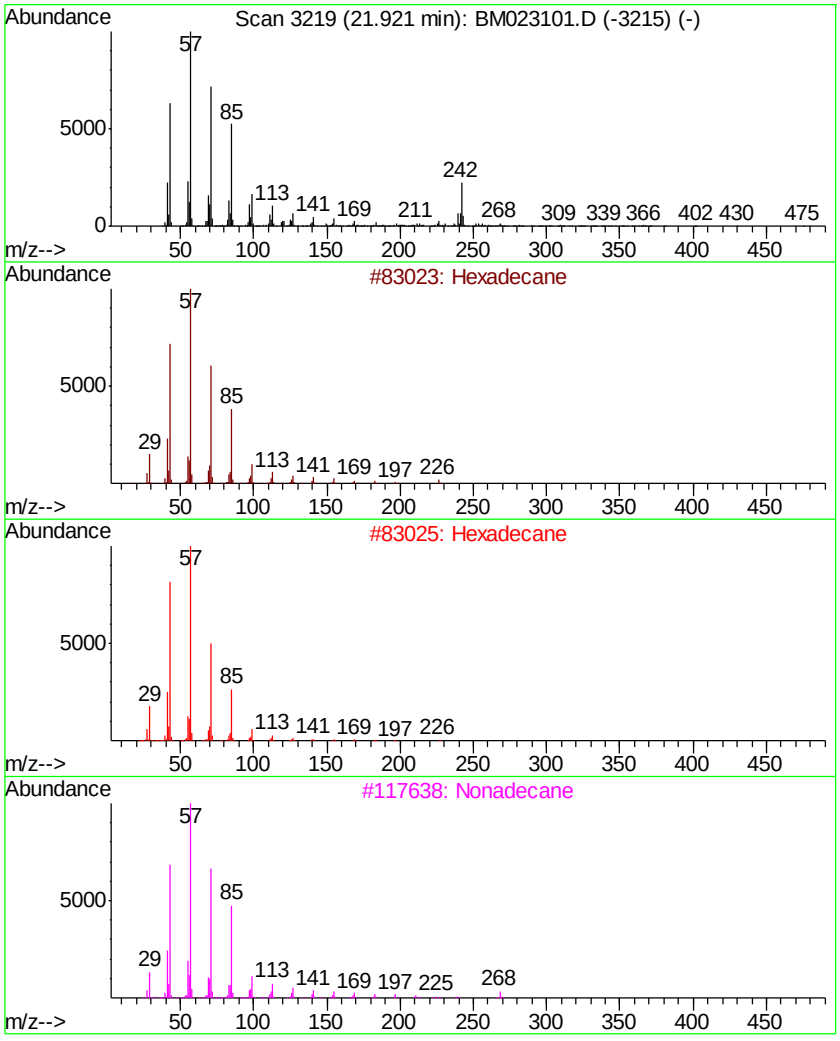
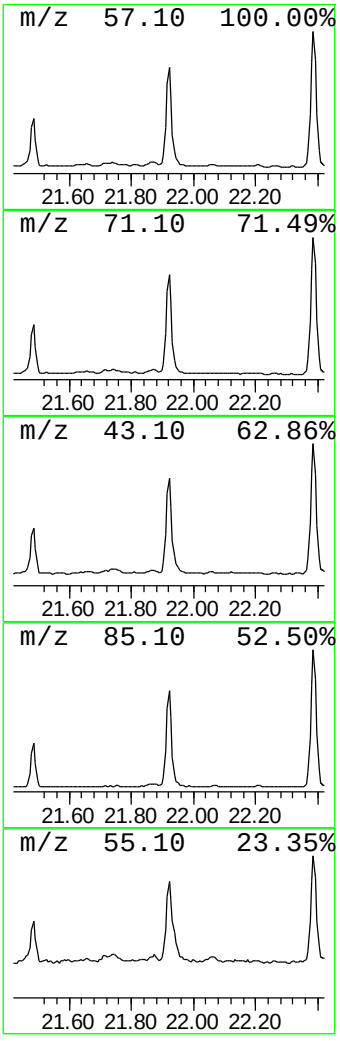
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	7.00 ng/ul	1774450	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	Nonadecane	268	C19H40	000629-92-5	94
4	Eicosane	282	C20H42	000112-95-8	94
5	Heptadecane	240	C17H36	000629-78-7	94





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Quant Title : SVOA CALIBRATION

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

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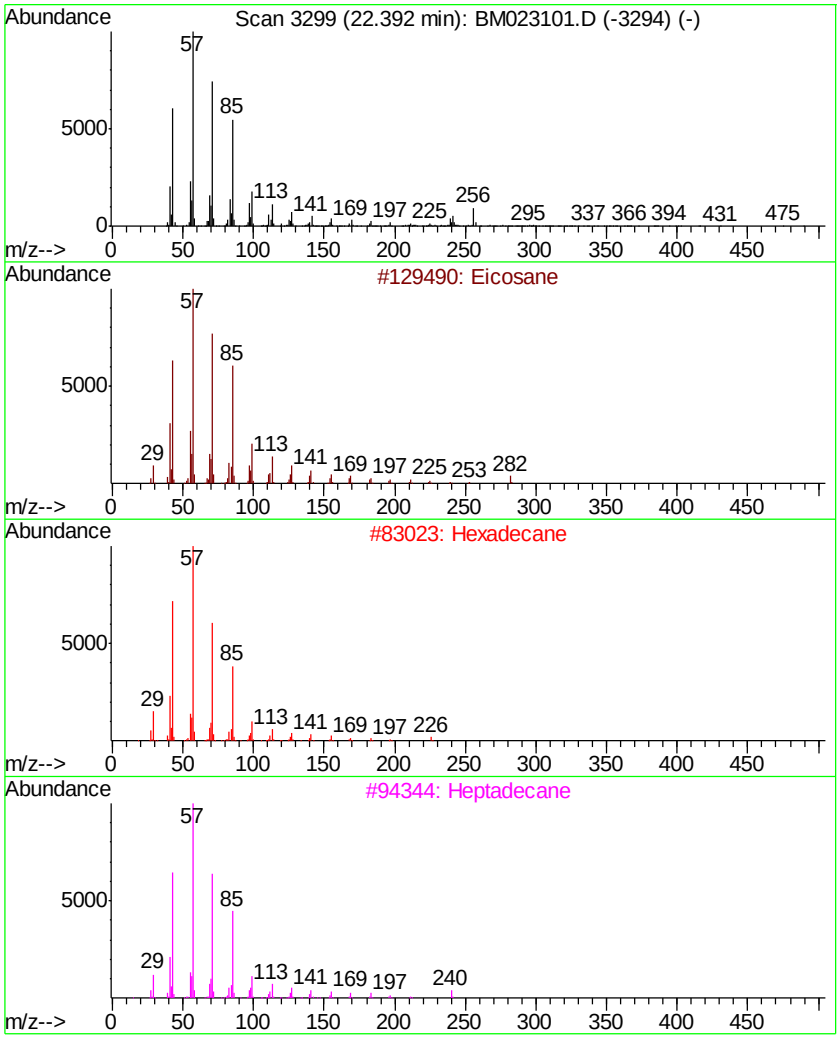
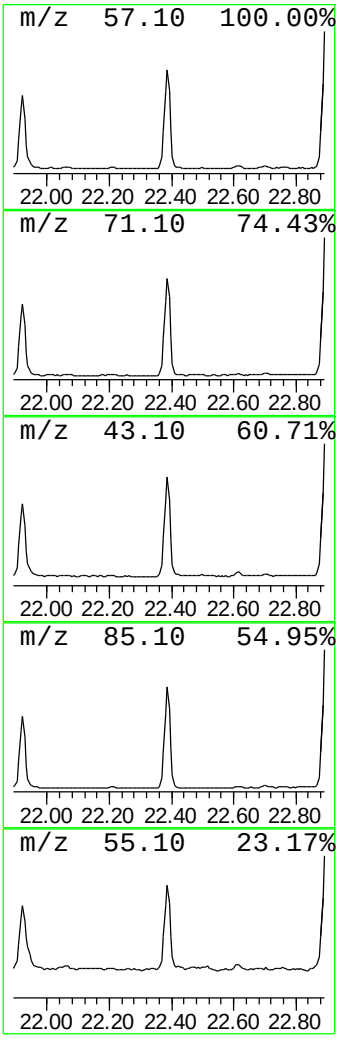
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	8.03 ng/ul	2037440	Chrysene-d12	21.33

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	Heptadecane	240	C17H36	000629-78-7	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

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

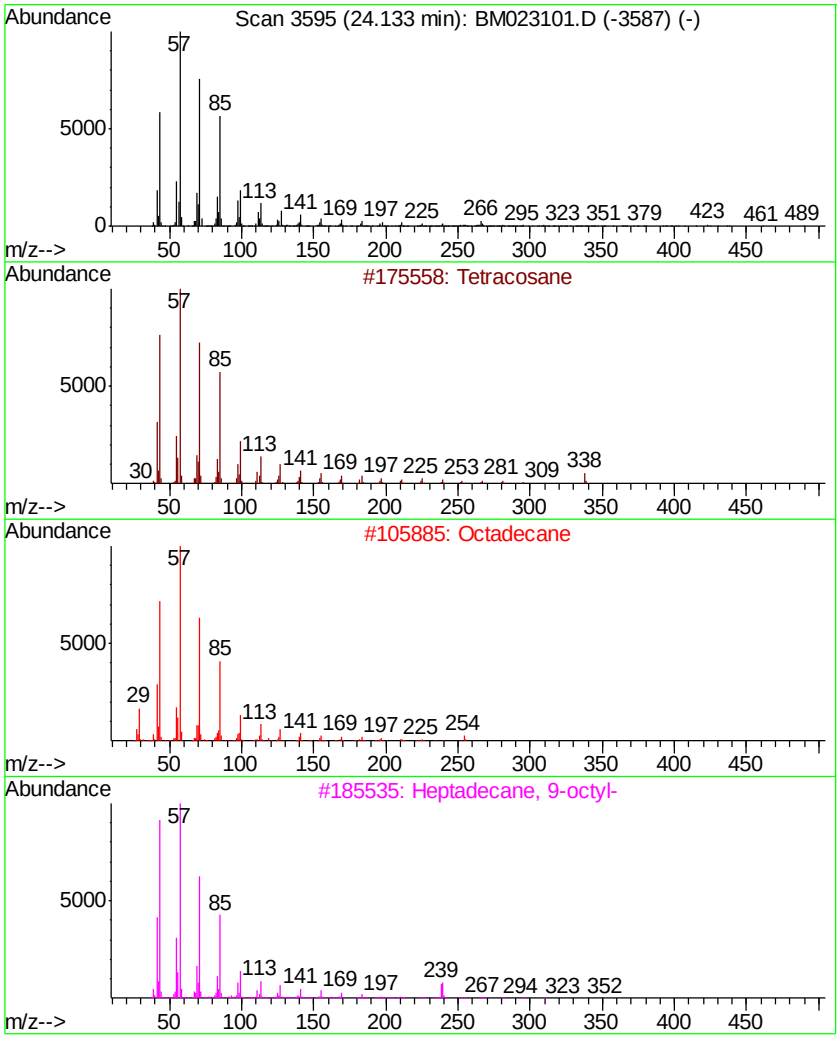
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

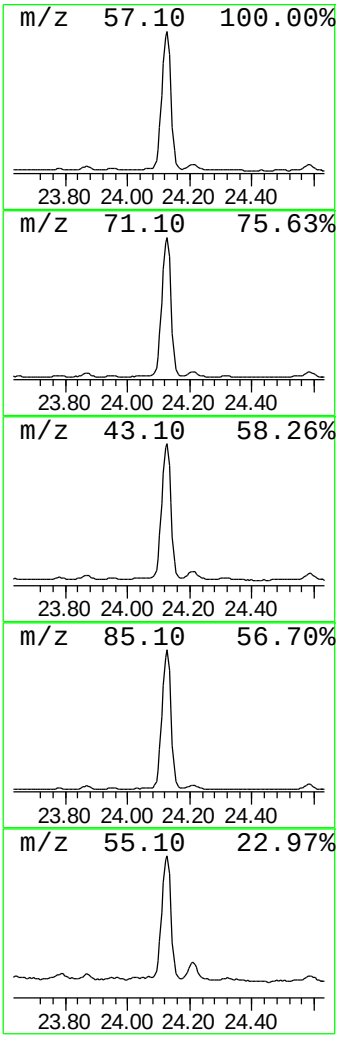
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	62.28 ng/ul	5596700	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Octadecane	254	C18H38	000593-45-3	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Hexacosane	366	C26H54	000630-01-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

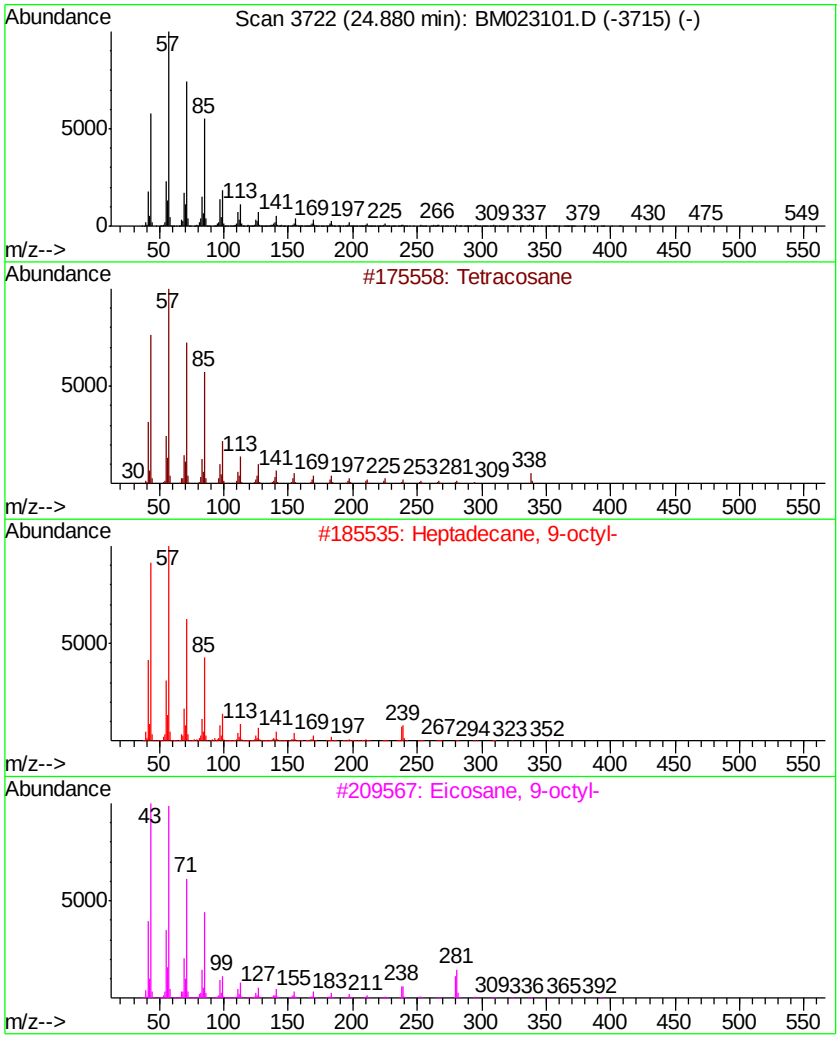
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

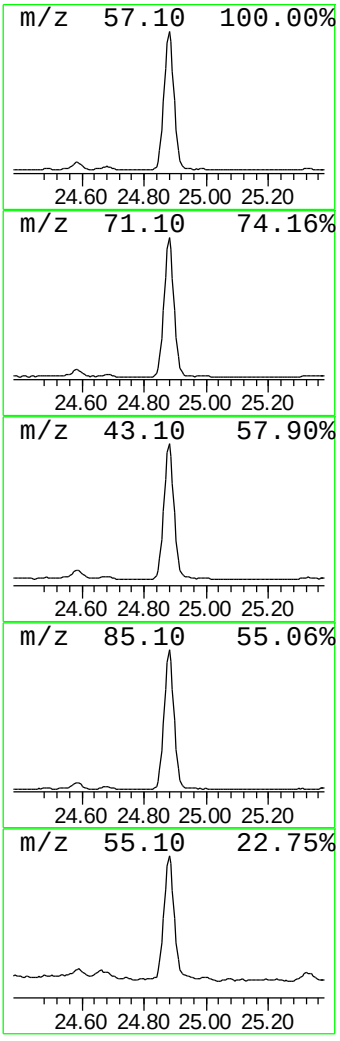
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	49.13 ng/ul	4415030	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	2-methylhexacosane	380	C27H56	1000376-72-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

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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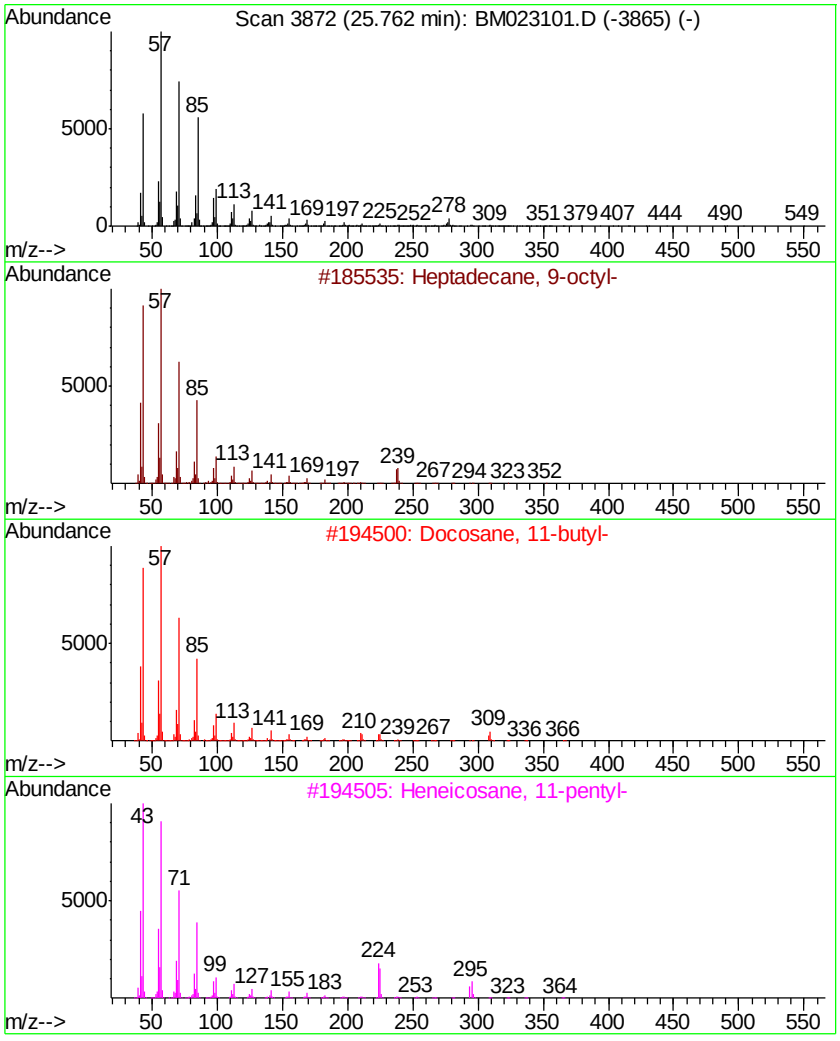
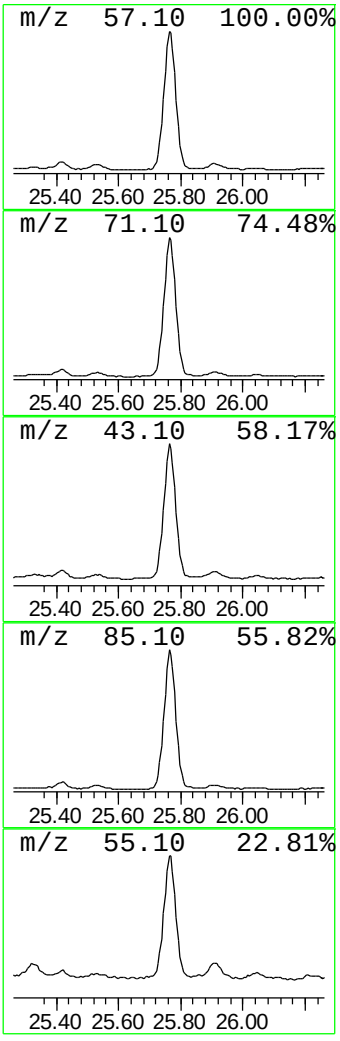
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	41.48 ng/ul	3727440	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

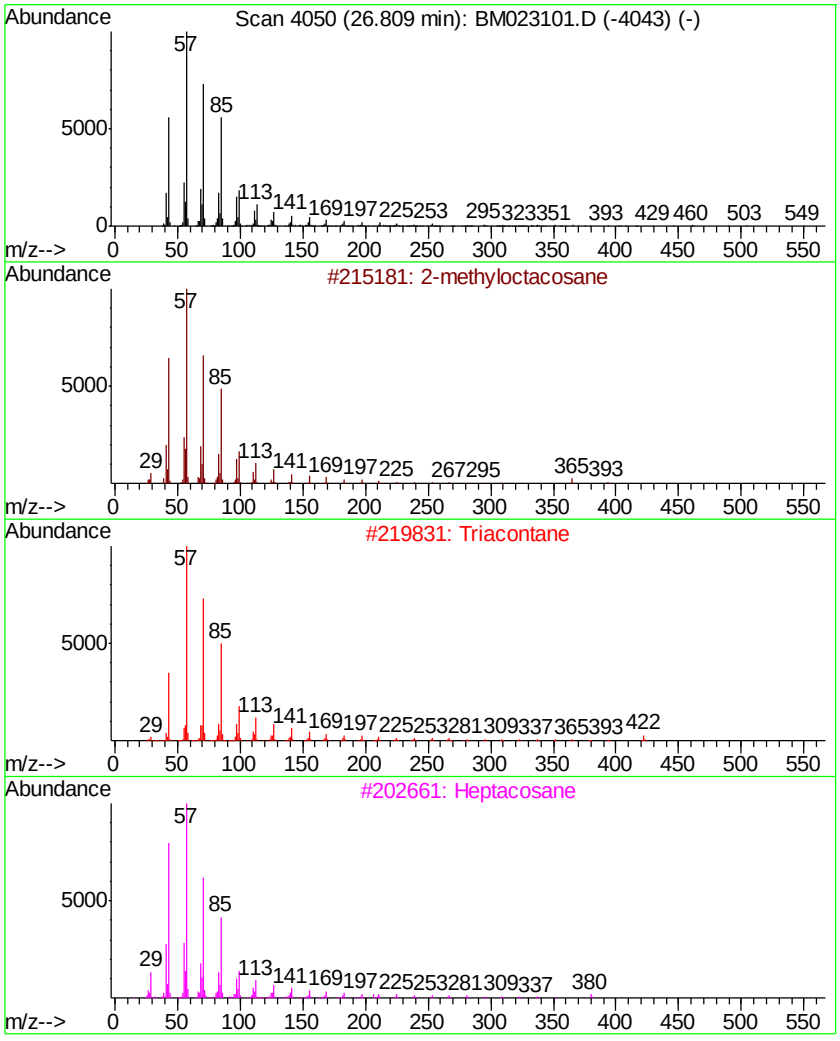
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

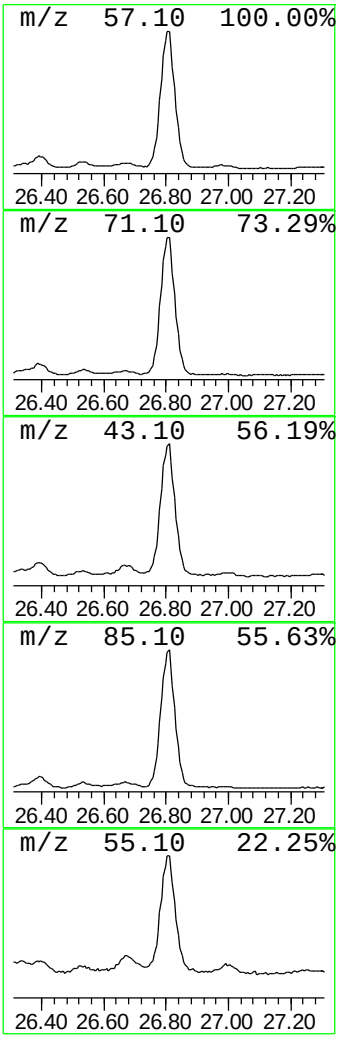
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.81	30.74 ng/ul	2762480	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP95

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
Anthracene, 2-met...	18.02	3.9	ng/ul	403352	4	17.14	2053720	20.0
Phenanthrene, 1-m...	18.07	8.1	ng/ul	833935	4	17.14	2053720	20.0
4H-Cyclopenta[def...	18.22	9.8	ng/ul	1006650	4	17.14	2053720	20.0
1,2,4,8-Tetrameth...	18.52	2.9	ng/ul	301645	4	17.14	2053720	20.0
9,10-Anthracenedione	18.56	2.7	ng/ul	278598	4	17.14	2053720	20.0
Phenanthrene, 2,5...	18.94	4.4	ng/ul	452359	4	17.14	2053720	20.0
Naphthalene, 1,2-...	19.00	4.0	ng/ul	412241	4	17.14	2053720	20.0
Anthracene, 2-ethyl-	19.07	4.2	ng/ul	426877	4	17.14	2053720	20.0
Fluoranthene, 2-m...	19.89	2.6	ng/ul	664410	5	21.33	5073250	20.0
11H-Benzo[b]fluorene	20.06	2.7	ng/ul	694505	5	21.33	5073250	20.0
Pyrene, 1-methyl-	20.22	2.1	ng/ul	534671	5	21.33	5073250	20.0
11H-Benzo[a]fluor...	20.80	2.2	ng/ul	550613	5	21.33	5073250	20.0
Ethanol, 2-(tetra...	21.04	5.3	ng/ul	1351900	5	21.33	5073250	20.0
(DEL) Alkane: Str...	21.49	3.7	ng/ul	942566	5	21.33	5073250	20.0
Benz[a]anthracene...	21.87	2.1	ng/ul	544297	5	21.33	5073250	20.0
(DEL) Alkane: Str...	21.92	7.0	ng/ul	1774450	5	21.33	5073250	20.0
(DEL) Alkane: Str...	22.39	8.0	ng/ul	2037440	5	21.33	5073250	20.0
(DEL) Alkane: Str...	24.13	62.3	ng/ul	5596700	6	23.58	1797190	20.0
(DEL) Alkane: Str...	24.88	49.1	ng/ul	4415030	6	23.58	1797190	20.0
(DEL) Alkane: Str...	25.76	41.5	ng/ul	3727440	6	23.58	1797190	20.0
(DEL) Alkane: Str...	26.81	30.7	ng/ul	2762480	6	23.58	1797190	20.0