LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020795.D
Acq On : 07 Jun 2019 09:40
Operator : HP/JU
Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

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-BM060619MA.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	3.046	6	10	30	rVB	2939353	3490549	34.06%	2.601%
2	6.975	672	678	692	rVB	312282	536183	5.23%	0.400%
3	7.151	700	708	717	rBV	250380	418470	4.08%	0.312%
4	7.339	734	740	749	rVB	344084	544327	5.31%	0.406%
5	7.810	813	820	828	rBV	1040182	1638724	15.99%	1.221%
6	8.510	932	939	946	rBV	345373	545875	5.33%	0.407%
7	8.969	1010	1017	1024	rBV	309068	532017	5.19%	0.396%
8	9.686	1133	1139	1149	rBV	245893	427417	4.17%	0.318%
9	10.222	1224	1230	1239	rVB	408931	692966	6.76%	0.516%
10	10.604	1285	1295	1301	rBV	1390121	2381689	23.24%	1.775%
11	10.745	1311	1319	1331	rBV	281103	508942	4.97%	0.379%
12	13.768	1827	1833	1838	rBV	95668	172754	1.69%	0.129%
13	13.857	1844	1848	1853	rVB	722479	959122	9.36%	0.715%
14	13.904	1853	1856	1864	rVB	278057	382170	3.73%	0.285%
15	14.139	1891	1896	1901	rBV	853885	1395911	13.62%	1.040%
16	14.451	1938	1949	1955	rBV2	2078268	3261926	31.83%	2.431%
17	14.510	1955	1959	1967	rVV	300042	463035	4.52%	0.345%
18	14.645	1976	1982	1994	rBV2	253090	433594	4.23%	0.323%
19	14.845	2011	2016	2024	rVB2	204793	327885	3.20%	0.244%
20	15.439	2109	2117	2122	rVV	1083513	1654396	16.14%	1.233%
21	15.498	2122	2127	2133	rVV	331769	525974	5.13%	0.392%
22	15.562	2133	2138	2141	rVV	140963	225557	2.20%	0.168%
23	15.792	2172	2177	2185	rVB	178746	287573	2.81%	0.214%
24	15.939	2197	2202	2209	rVB	164984	327338	3.19%	0.244%
25	16.174	2232	2242	2247	rVB7	89612	191528	1.87%	0.143%
26	16.480	2286	2294	2295	rBV3	105024	193519	1.89%	0.144%
27	16.498	2295	2297	2302	rVV2	142409	215934	2.11%	0.161%
28	16.727	2327	2336	2339	rBV3	143590	286565	2.80%	0.214%
29	16.768	2339	2343	2346	rVV3	139211	201284	1.96%	0.150%
30	16.851	2352	2357	2363	rVB2	238577	372277	3.63%	0.277%
31	16.927	2364	2370	2371	rBV2	145017	215532	2.10%	0.161%
32	16.945	2371	2373	2380	rVV4	129411	193800	1.89%	0.144%
33	17.015	2380	2385	2393	rVB	234844	375053	3.66%	0.279%
34	17.198	2410	2416	2419	rBV	2616895	3811862	37.19%	2.840%

LSC Area Percent Report

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Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

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-BM060619MA.M
Title : SVOA CALIBRATION

35	17.239	2419	2423	2428	rVV	4548047	6138936	59.90%	4.574%
36	17.292	2428	2432	2435	rVV2	1195988	1712573	16.71%	1.276%
37	17.327	2435	2438	2443	rVB	871943	1116926	10.90%	0.832%
38	17.386	2443	2448	2453	rVB3	115809	219017	2.14%	0.163%
39	17.598	2473	2484	2493	rBV2	359248	869843	8.49%	0.648%
40	17.774	2510	2514	2524	rVB4	129622	216601	2.11%	0.161%
41	18.068	2559	2564	2569	rVV2	915840	1709282	16.68%	1.274%
42	18.115	2569	2572	2578	rVB	1154280	1555655	15.18%	1.159%
43	18.198	2578	2586	2591	rBV	401500	576519	5.63%	0.430%
44	18.262	2591	2597	2601	rBV2	1008328	1967788	19.20%	1.466%
45	18.298	2601	2603	2609	rVB	606373	742427	7.24%	0.553%
46	18.380	2612	2617	2620	rBV3	133406	189082	1.84%	0.141%
47	18.568	2644	2649	2653	rBV	550468	749508	7.31%	0.558%
48	18.609	2653	2656	2661	rVB	446416	612584	5.98%	0.456%
49	18.692	2667	2670	2677	rVB2	106925	150760	1.47%	0.112%
50	18.815	2687	2691	2695	rVV	296842	431831	4.21%	0.322%
51	18.868	2696	2700	2703	rVV	214136	307506	3.00%	0.229%
52	18.903	2703	2706	2710	rVB	221388	270551	2.64%	0.202%
53	18.986	2714	2720	2726	rVV	575319	1140723	11.13%	0.850%
54	19.050	2726	2731	2734	rVV3	303646	654877	6.39%	0.488%
55	19.080	2734	2736	2739	rVV	238345	254410	2.48%	0.190%
56	19.127	2739	2744	2752	rVB3	461471	826493	8.06%	0.616%
57	19.250	2759	2765	2771	rVB	7536704	9913406	96.72%	7.387%
58	19.315	2772	2776	2779	rBV	148384	184650	1.80%	0.138%
59	19.356	2779	2783	2787	rBV3	308601	478345	4.67%	0.356%
60	19.450	2794	2799	2802	rBV2	175317	276901	2.70%	0.206%
61	19.497	2803	2807	2810	rVB	160390	205631	2.01%	0.153%
62	19.586	2816	2822	2824	rBV3	2520196	3811983	37.19%	2.840%
63	19.615	2824	2827	2835	rVV	6381824	8249328	80.49%	6.147%
64	19.686	2835	2839	2845	rVB2	492809	775648	7.57%	0.578%
65	19.792	2853	2857	2863	rVB	408206	574172	5.60%	0.428%
66	19.856	2863	2868	2873	rVB2	286127	470400	4.59%	0.351%
67	19.933	2876	2881	2889	rBV3	585869	1500601	14.64%	1.118%
68	20.074	2899	2905	2906	rBV3	435716	696900	6.80%	0.519%
69	20.103	2907	2910	2916	rVB	858169	1376127	13.43%	1.025%
70	20.209	2924	2928	2931	rBV	456986	560268	5.47%	0.417%
71	20.262	2931	2937	2942	rVV2	757076	1342332	13.10%	1.000%

LSC Area Percent Report

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Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

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-BM060619MA.M
Title : SVOA CALIBRATION

72	20.303	2942	2944	2947	rVB2	232643	233195	2.28%	0.174%
73	20.344	2948	2951	2957	rVB2	170357	232958	2.27%	0.174%
74	20.403	2957	2961	2965	rBV	460034	611357	5.96%	0.456%
75	20.450	2965	2969	2973	rVB3	468066	634803	6.19%	0.473%
76	20.621	2995	2998	3001	rVB2	134158	149908	1.46%	0.112%
77	20.662	3001	3005	3007	rBV4	135536	229302	2.24%	0.171%
78	20.850	3033	3037	3044	rVB	789986	1145543	11.18%	0.854%
79	21.021	3059	3066	3069	rBV2	651934	1239599	12.09%	0.924%
80	21.056	3069	3072	3075	rBV	557640	746995	7.29%	0.557%
81	21.150	3084	3088	3099	rVB2	828281	1299957	12.68%	0.969%
82	21.286	3108	3111	3115	rVB2	272818	335525	3.27%	0.250%
83	21.362	3115	3124	3129	rBV3	5037709	10249222	100.00%	7.637%
84	21.409	3129	3132	3142	rVB	3605692	4713644	45.99%	3.512%
85	21.521	3148	3151	3158	rBV2	531055	812898	7.93%	0.606%
86	21.691	3175	3180	3184	rBV2	439764	787167	7.68%	0.587%
87	21.927	3217	3220	3224	rVB	558541	634500	6.19%	0.473%
88	21.962	3224	3226	3227	rBV	296914	267709	2.61%	0.199%
89	22.127	3251	3254	3258	rBV	306361	416359	4.06%	0.310%
90	22.433	3303	3306	3318	rVB3	644870	1216760	11.87%	0.907%
91	22.968	3390	3397	3403	rBV2	2684922	7518680	73.36%	5.602%
92	23.144	3423	3427	3433	rVB	476520	719518	7.02%	0.536%
93	23.462	3475	3481	3485	rBV	1332996	2407357	23.49%	1.794%
94	23.515	3485	3490	3491	rVV2	841099	1339298	13.07%	0.998%
95	23.556	3492	3497	3505	rVB	2201315	4560449	44.50%	3.398%
96	23.656	3508	3514	3520	rVV	1884160	3922273	38.27%	2.923%
97	23.709	3520	3523	3530	rVB2	630768	1144707	11.17%	0.853%
98	24.197	3602	3606	3616	rVB2	655171	1266445	12.36%	0.944%
99	24.962	3731	3736	3746	rVB2	578096	1295509	12.64%	0.965%
100	25.968	3900	3907	3920	rVB	1004791	3050755	29.77%	2.273%

Sum of corrected areas: 134204724

LSC Report - Integrated Chromatogram

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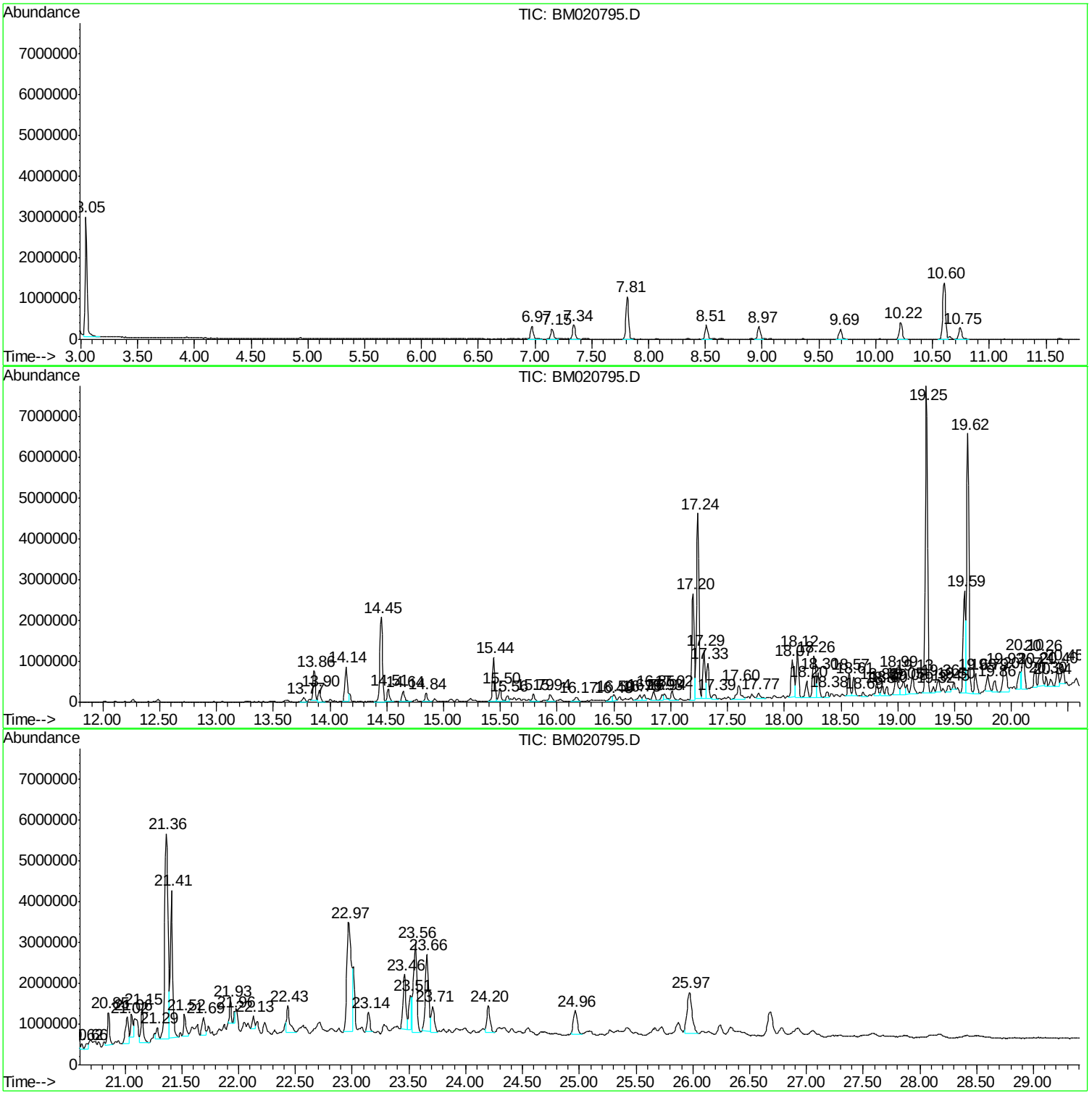
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
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Acq On : 07 Jun 2019 09:40
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Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

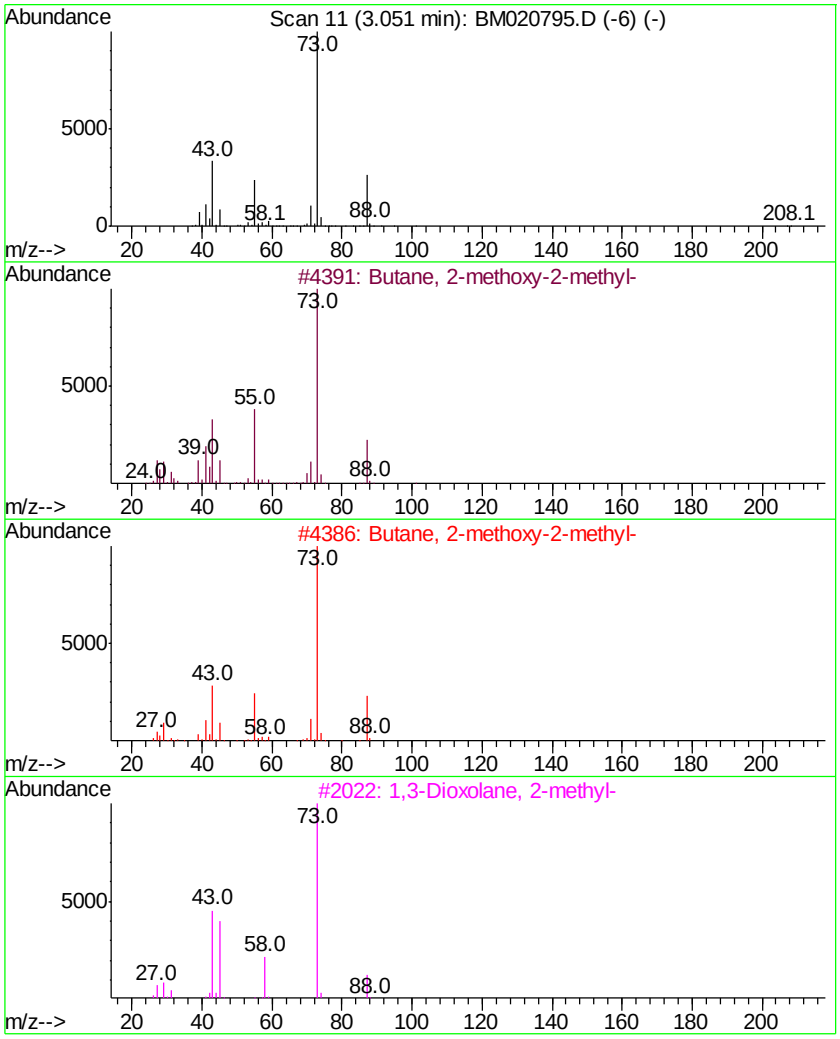
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

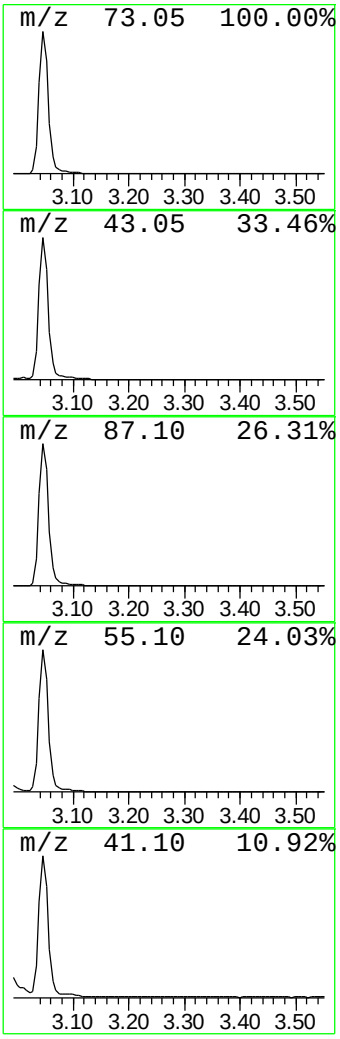
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	42.60 ng/ul	3490550	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

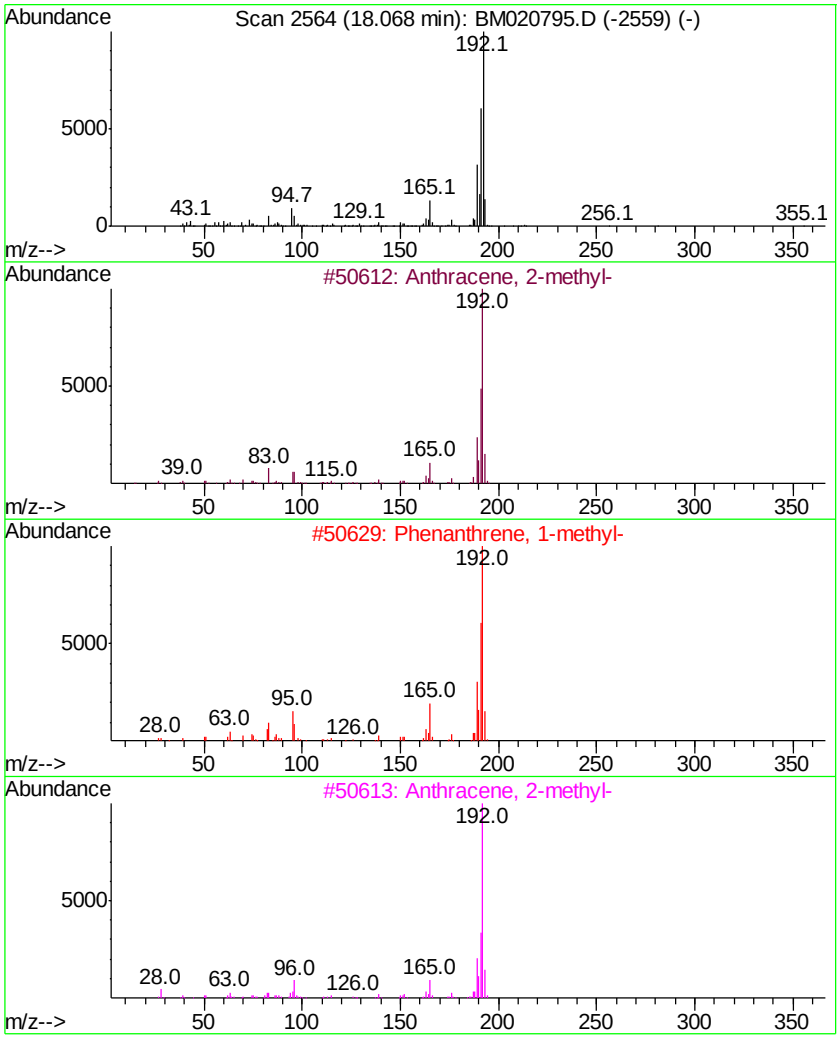
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

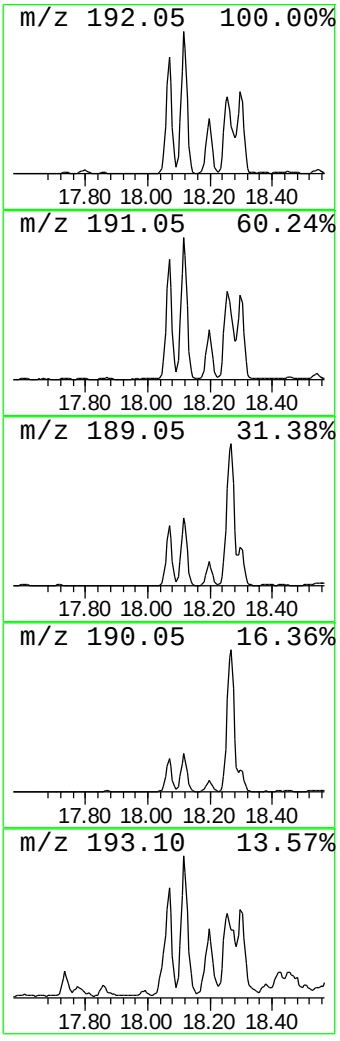
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	8.97 ng/ul	1709280	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

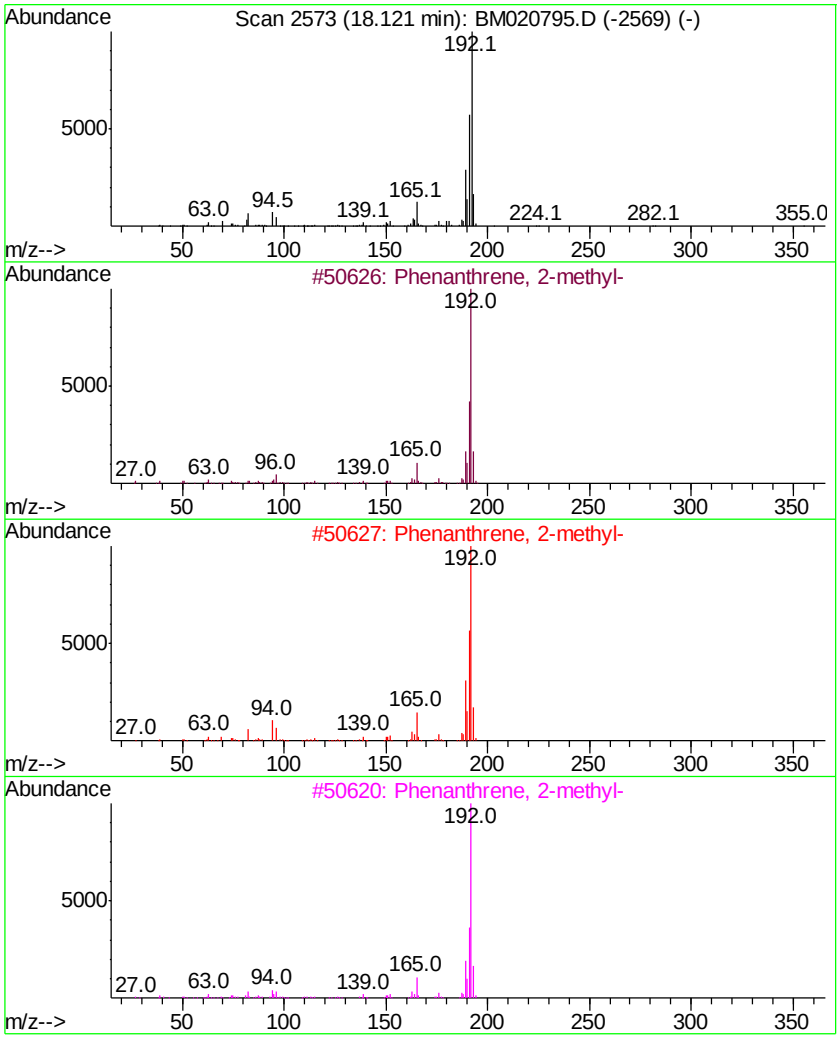
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

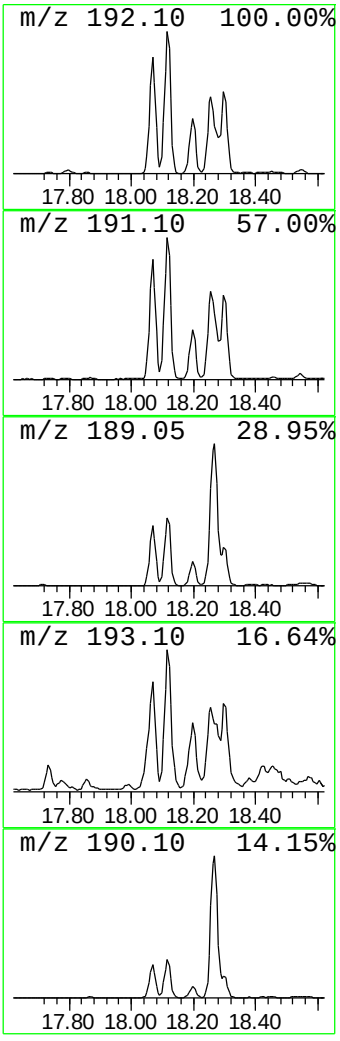
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	8.16 ng/ul	1555660	Phenanthrene-d10	17.20

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





Library Search Compound Report

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Acq On : 07 Jun 2019 09:40
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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

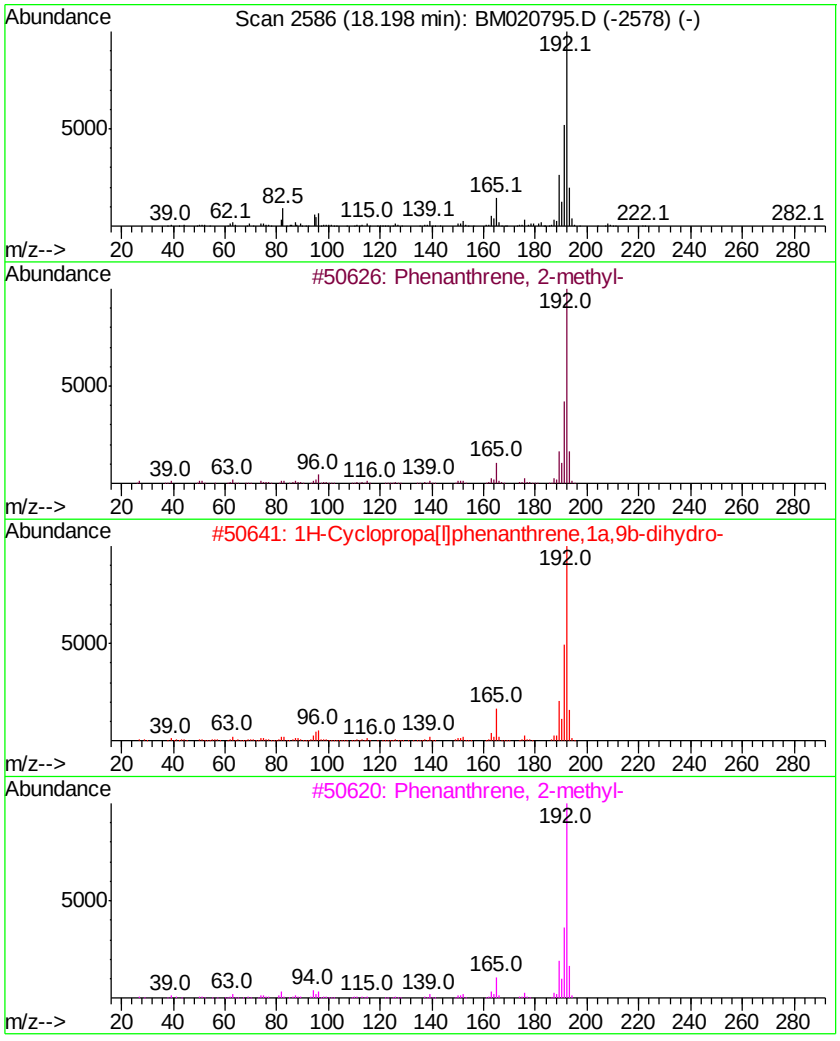
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

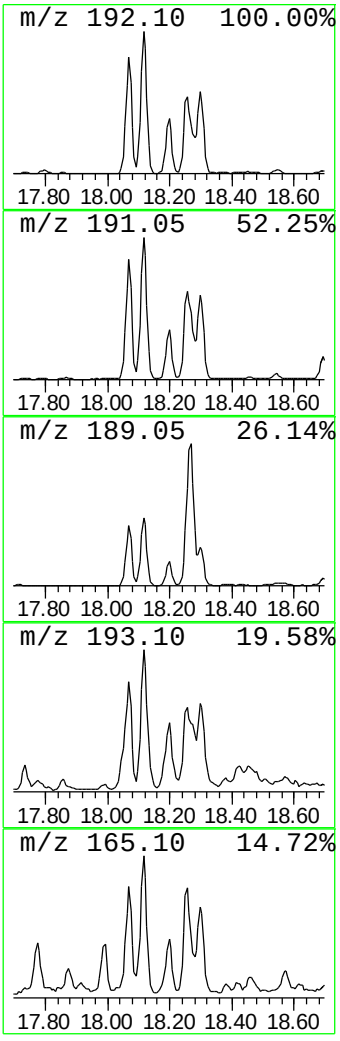
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.02 ng/ul	576519	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Library Search Compound Report

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Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

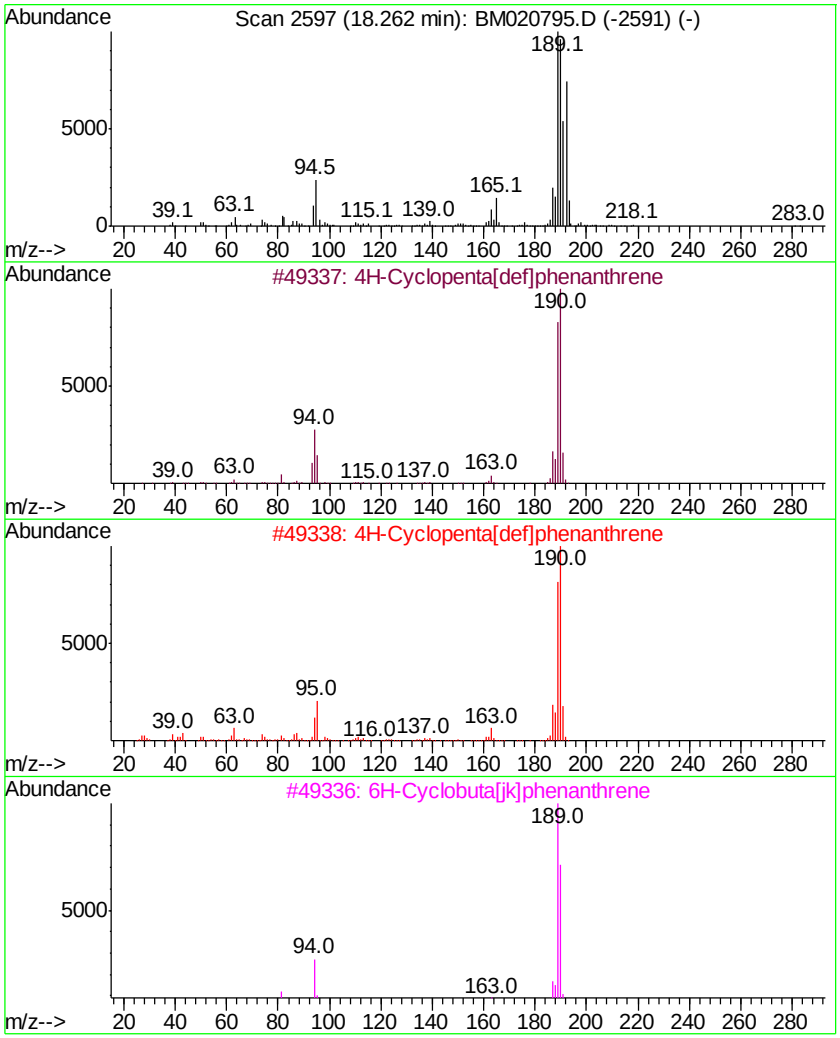
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

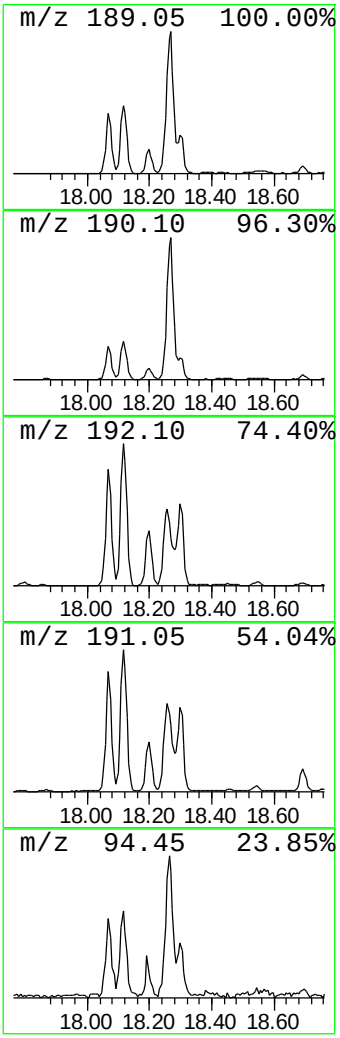
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	10.32 ng/ul	1967790	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





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Operator : HP/JU
Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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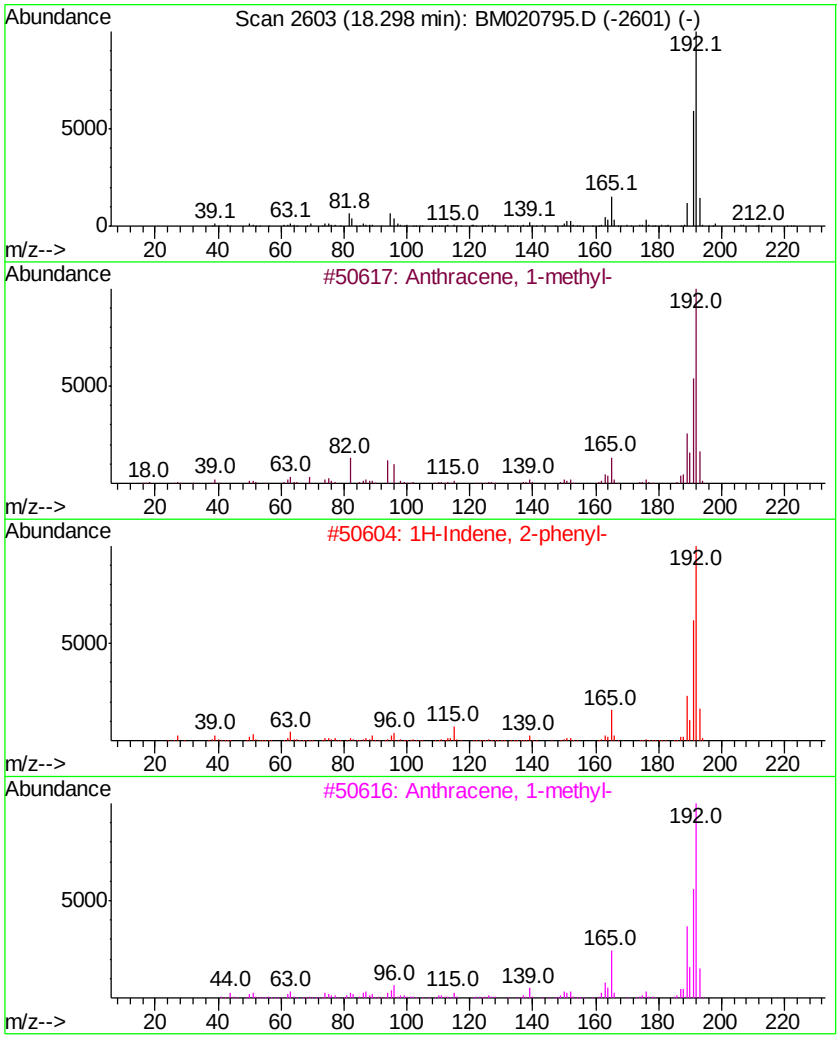
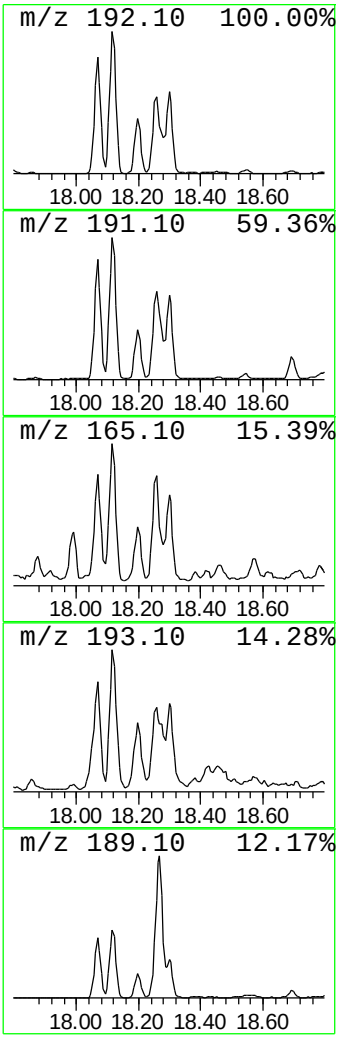
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.90 ng/ul	742427	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	87





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Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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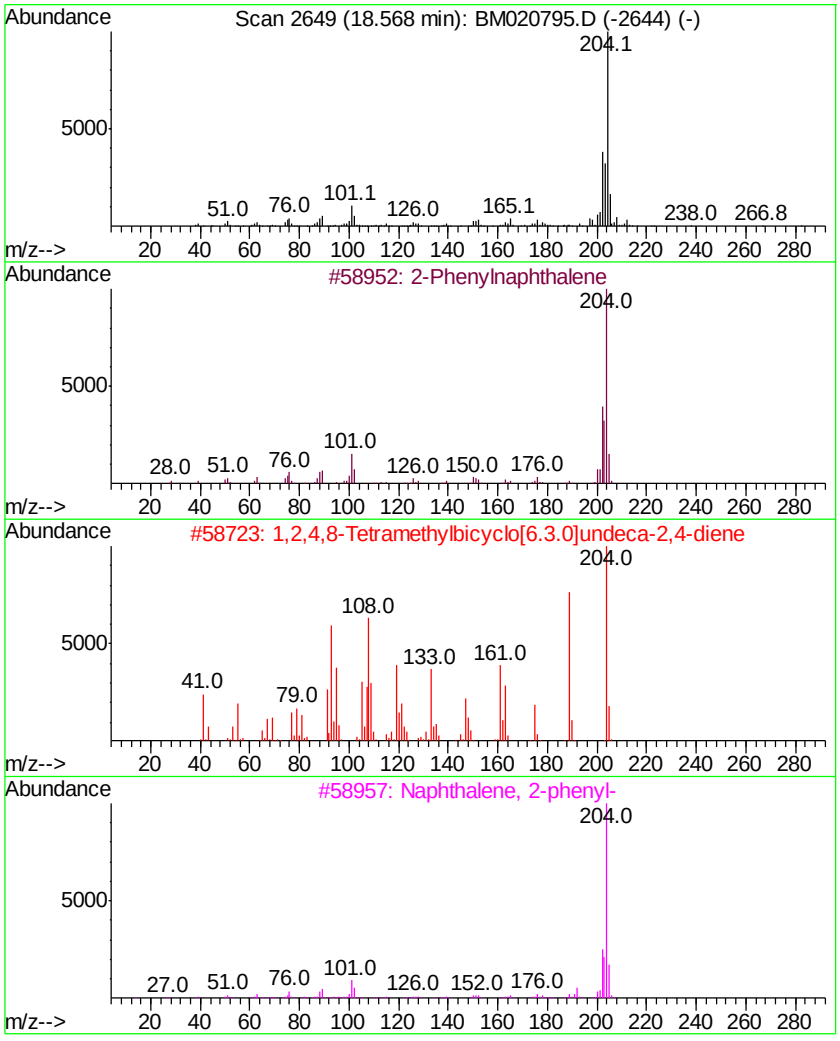
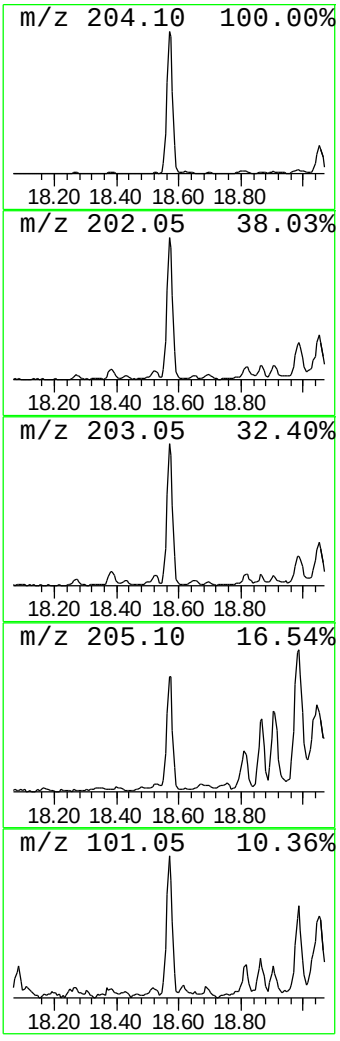
Peak Number 7 2-Phenylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	3.93 ng/ul	749508	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Instrument : BNA_M
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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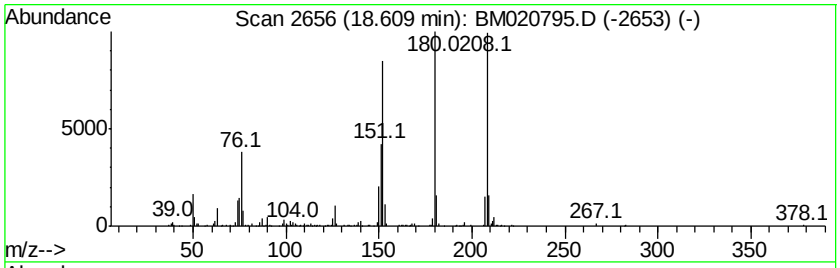
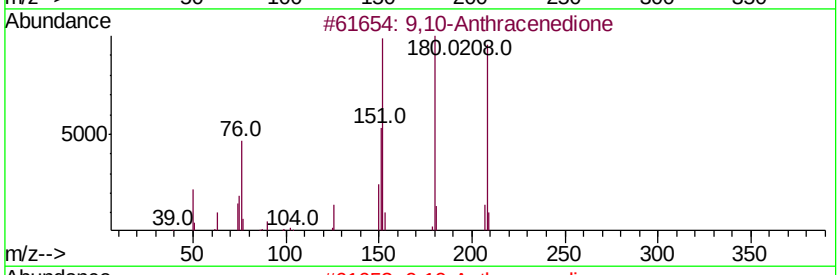
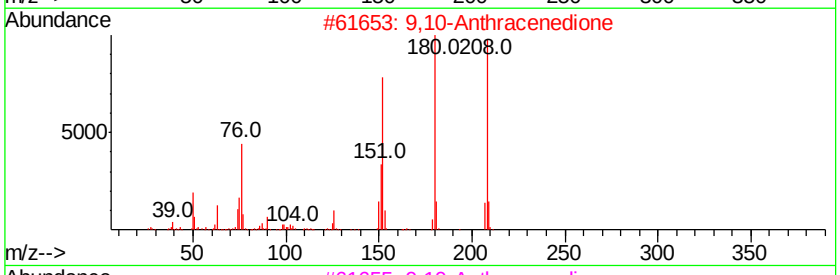
Peak Number 8 9,10-Anthracenedione Concentration Rank 14

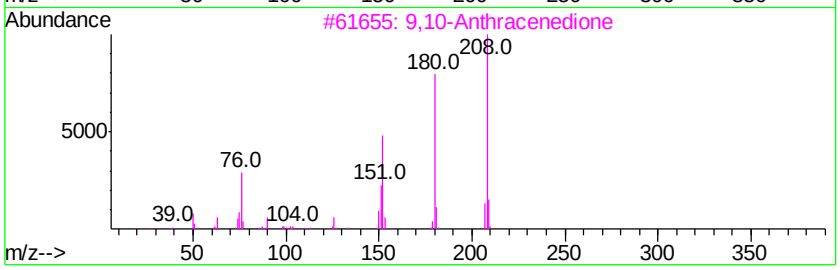
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	3.21 ng/ul	612584	Phenanthrene-d10	17.20

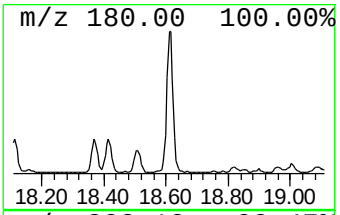
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83

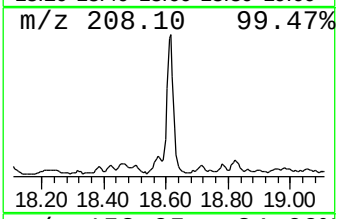


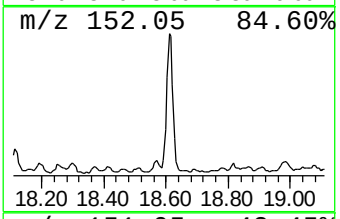


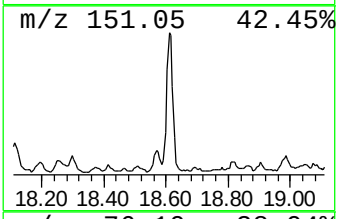


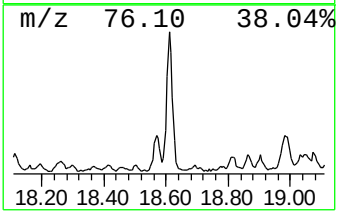












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Acq On : 07 Jun 2019 09:40
Operator : HP/JU
Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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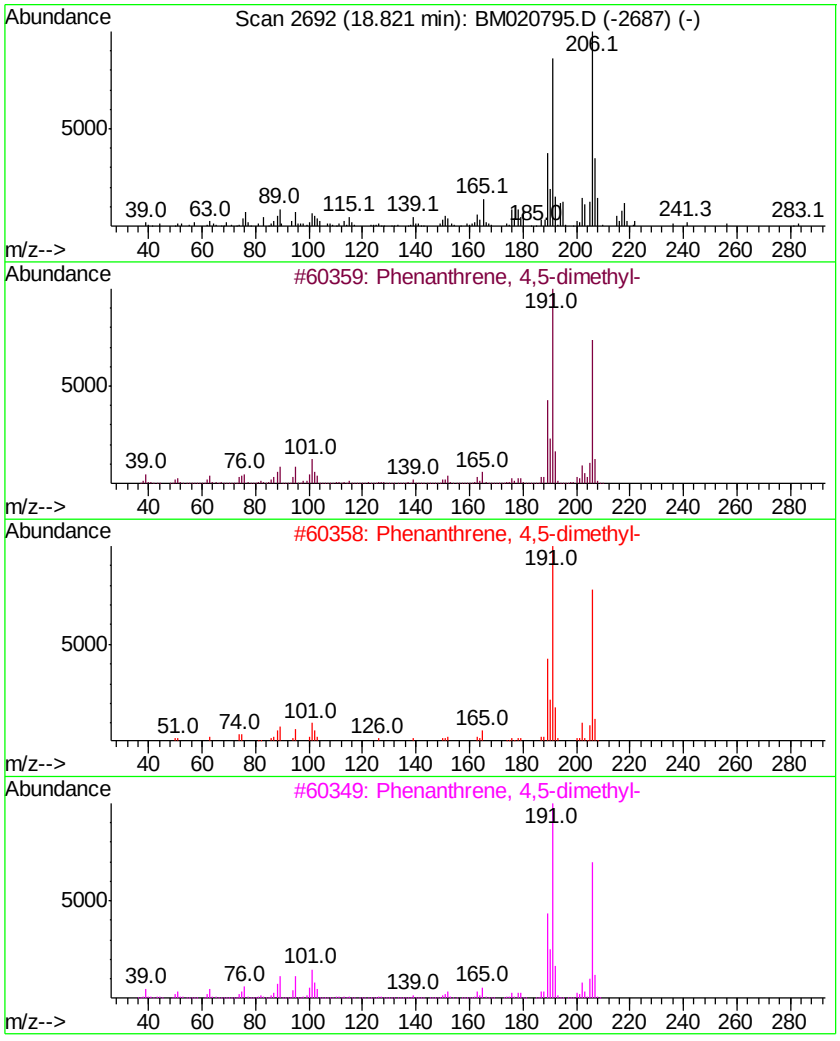
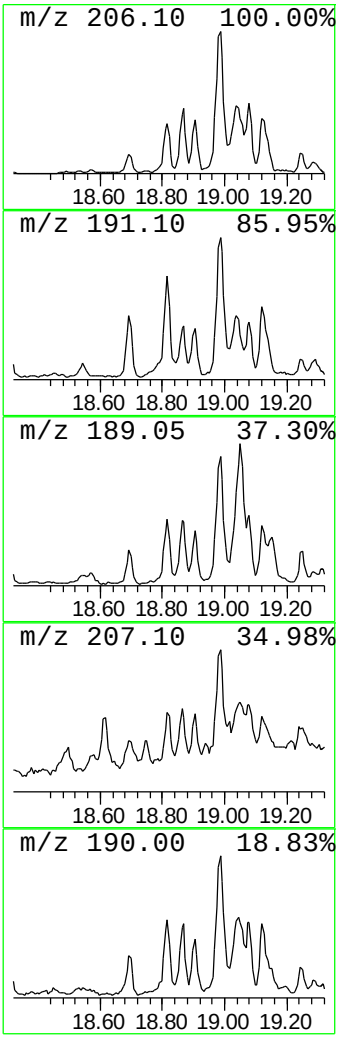
Peak Number 9 Phenanthrene, 4,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.27 ng/ul	431831	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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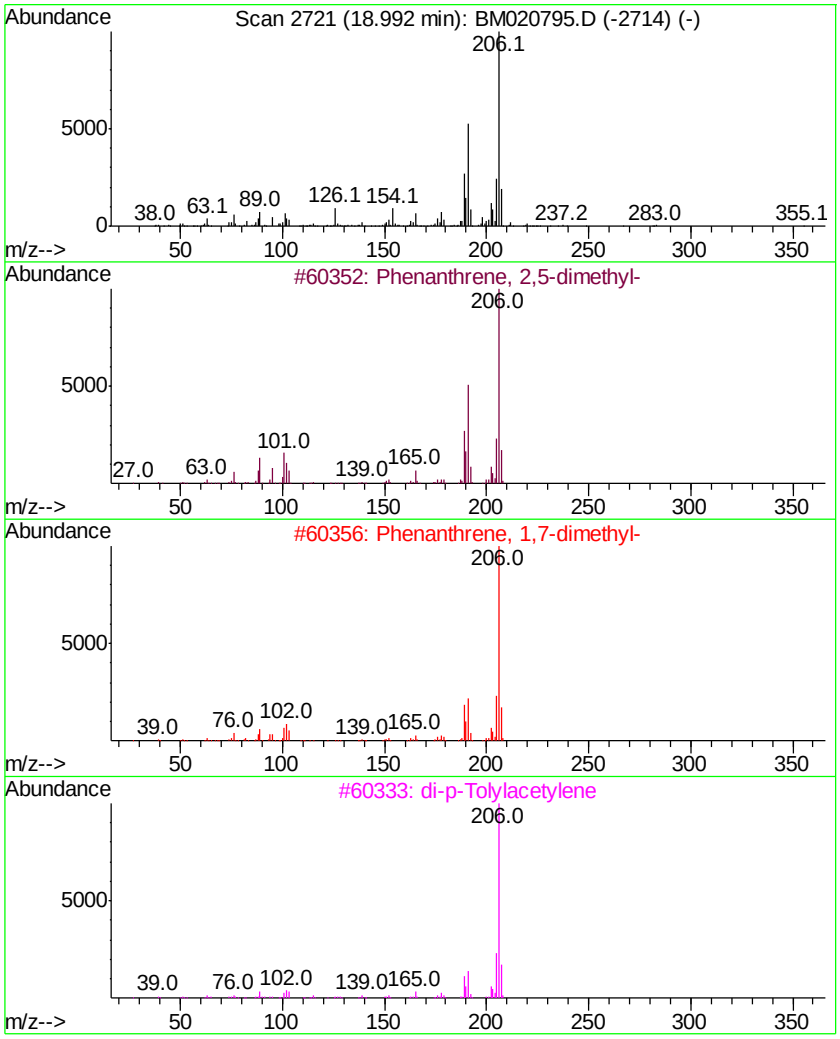
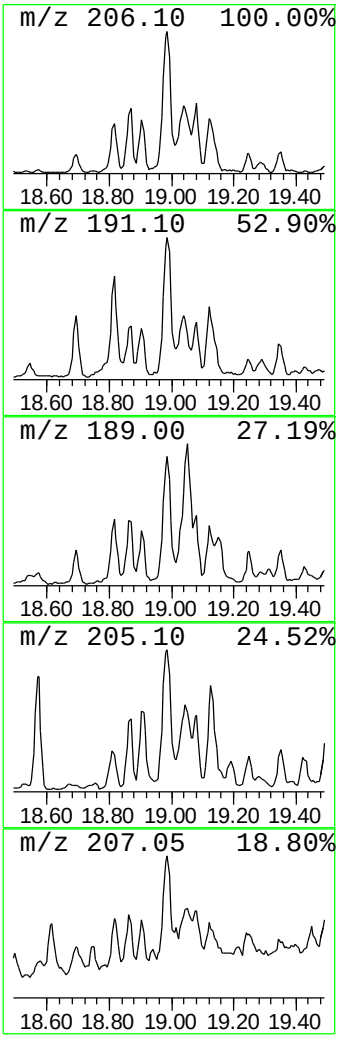
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	5.99 ng/ul	1140720	Phenanthrene-d10	17.20

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





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Quant Title : SVOA CALIBRATION

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

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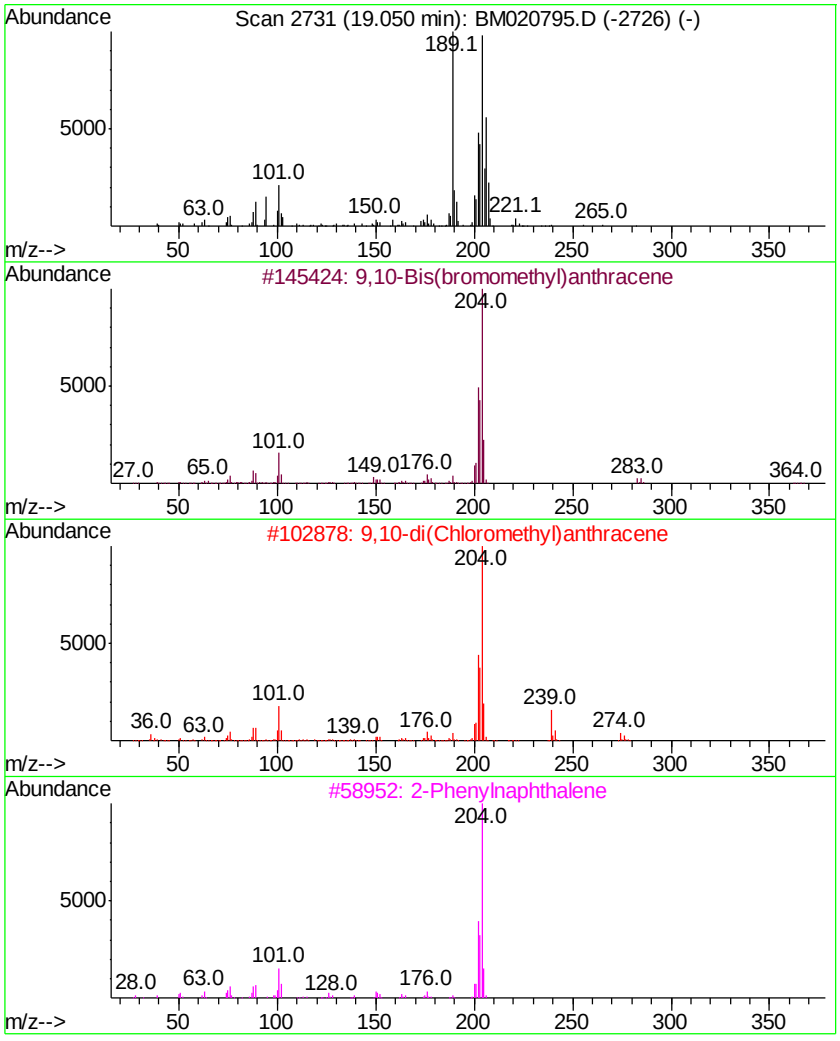
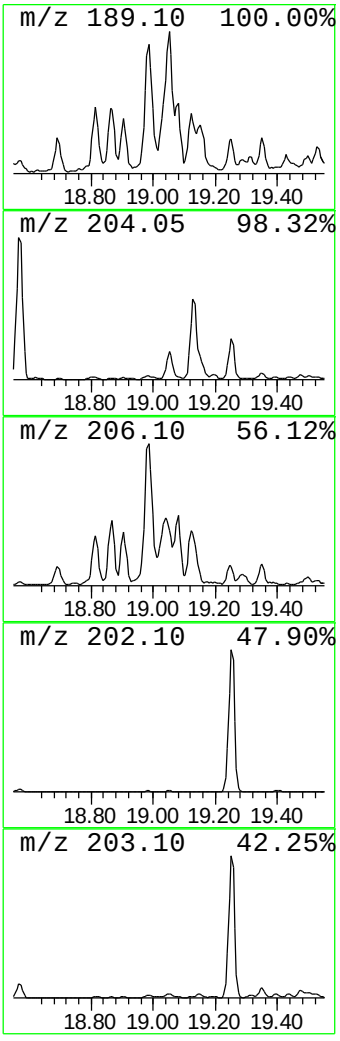
Peak Number 11 9,10-Bis(bromomethyl)anthra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	3.44 ng/ul	654877	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	46
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	42
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	27





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Sample : K3201-15 5X
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Quant Title : SVOA CALIBRATION

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

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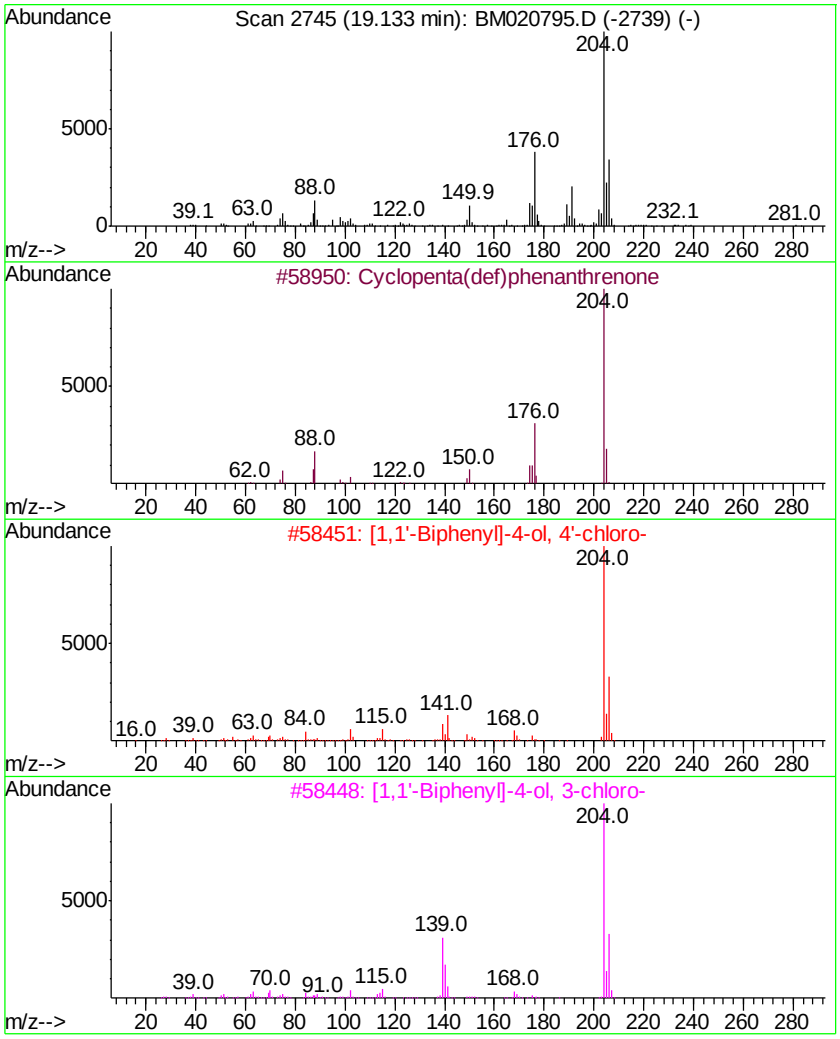
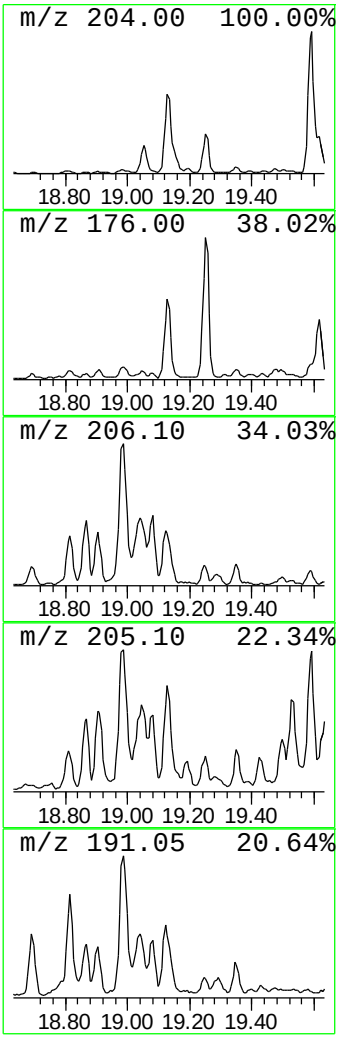
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	4.34 ng/ul	826493	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43
4	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	38
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	37





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Quant Title : SVOA CALIBRATION

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

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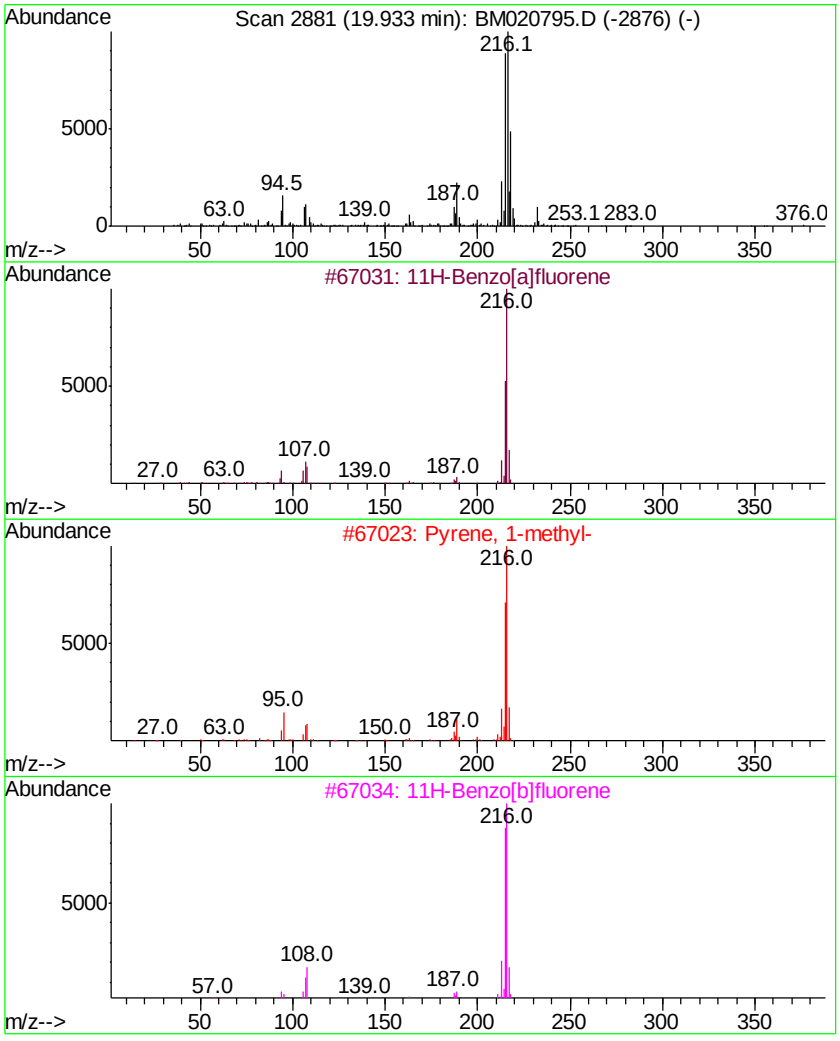
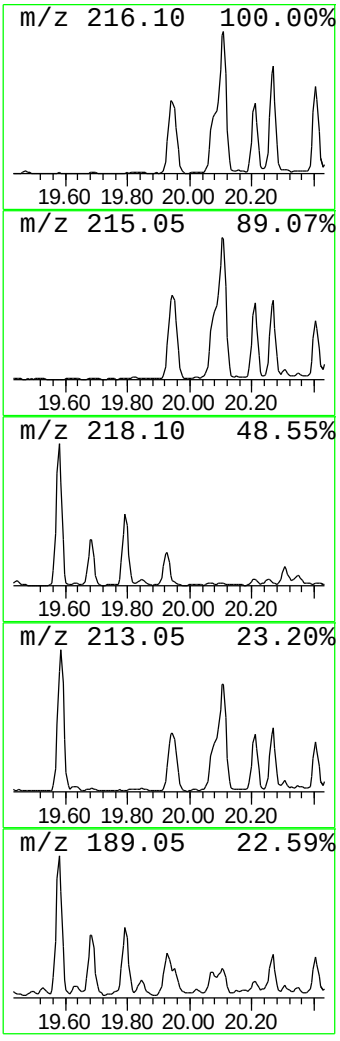
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.93 ng/ul	1500600	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Quant Title : SVOA CALIBRATION

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

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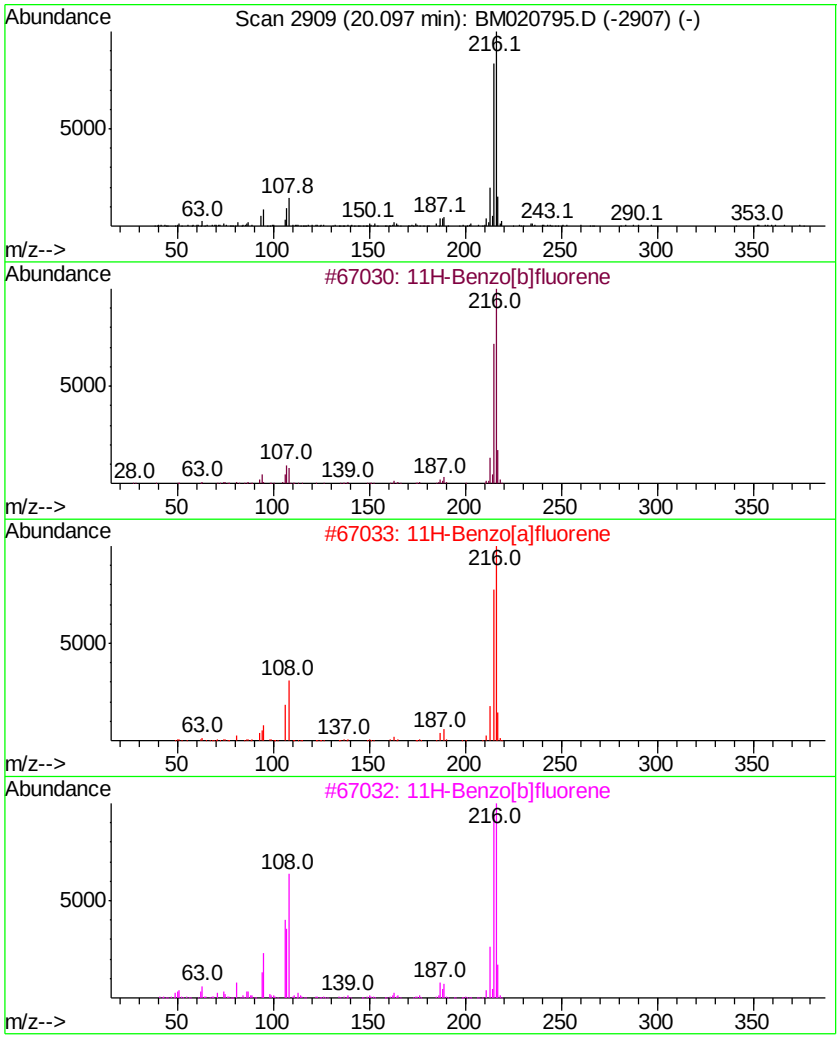
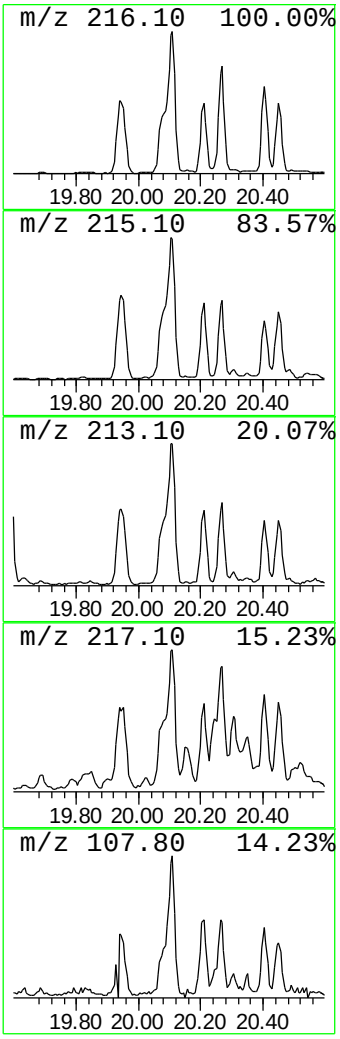
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.69 ng/ul	1376130	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Quant Title : SVOA CALIBRATION

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

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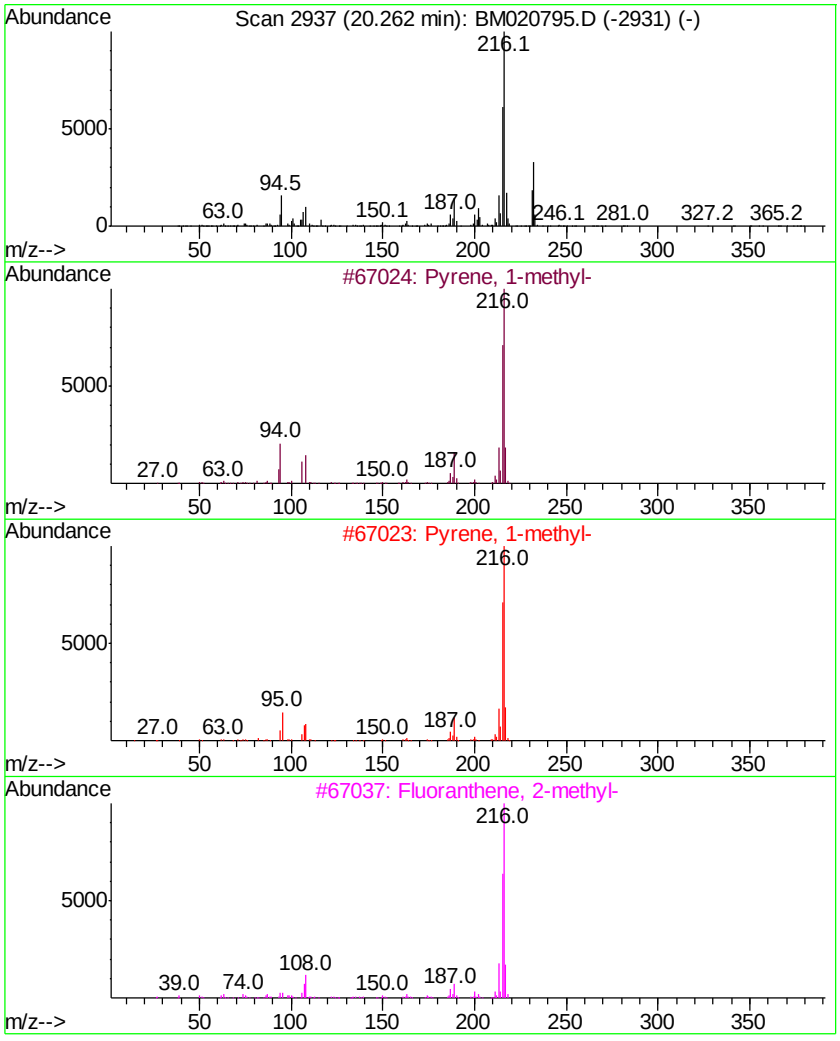
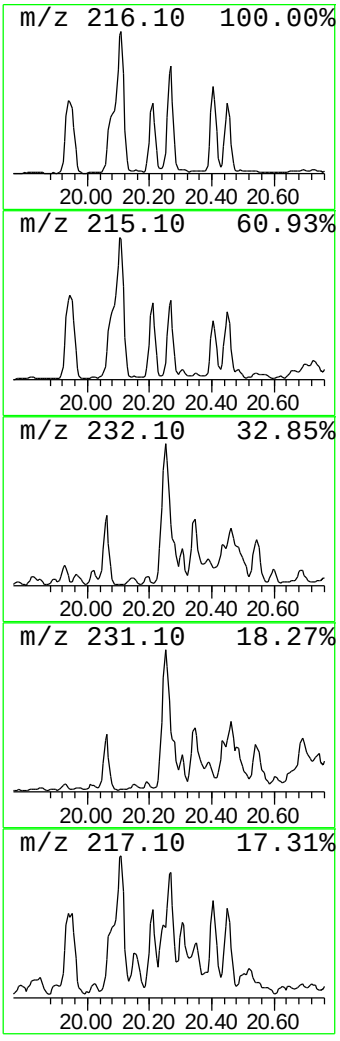
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.62 ng/ul	1342330	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Data File : BM020795.D
Acq On : 07 Jun 2019 09:40
Operator : HP/JU
Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

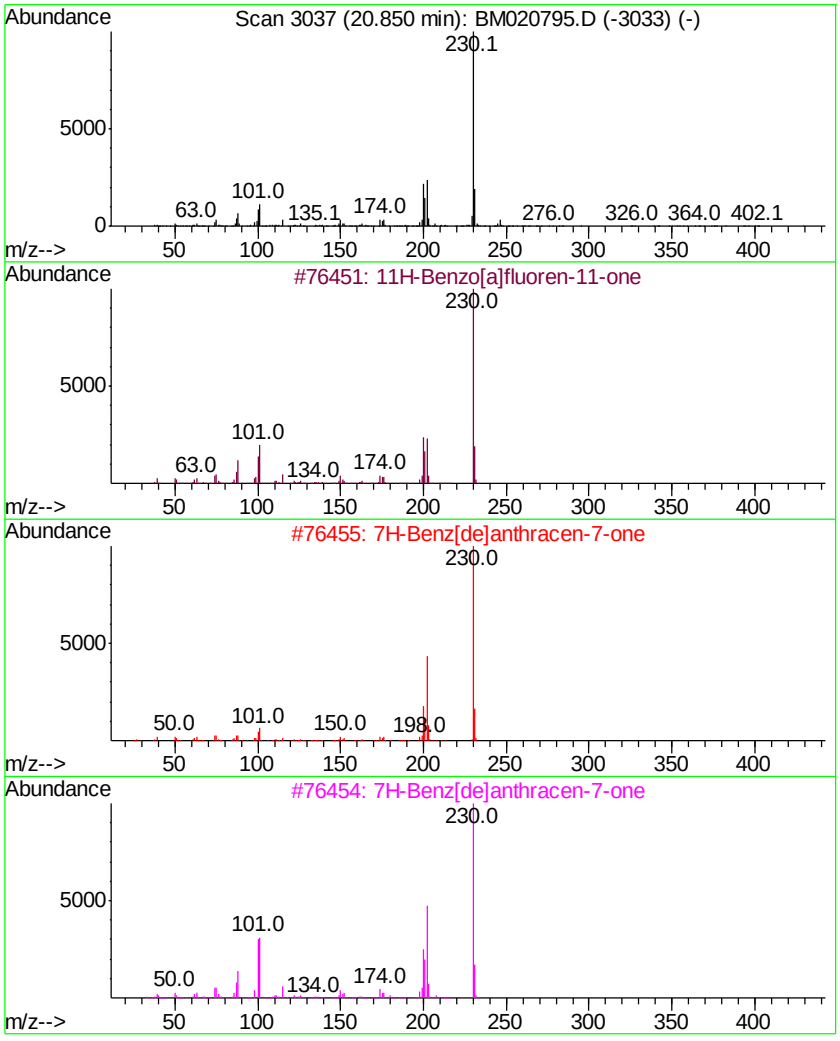
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

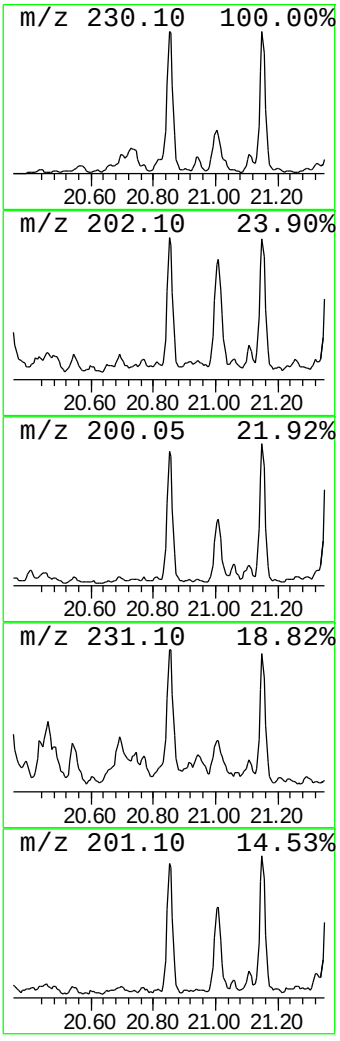
****

Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.24 ng/ul	1145540	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





Library Search Compound Report

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Data File : BM020795.D
Acq On : 07 Jun 2019 09:40
Operator : HP/JU
Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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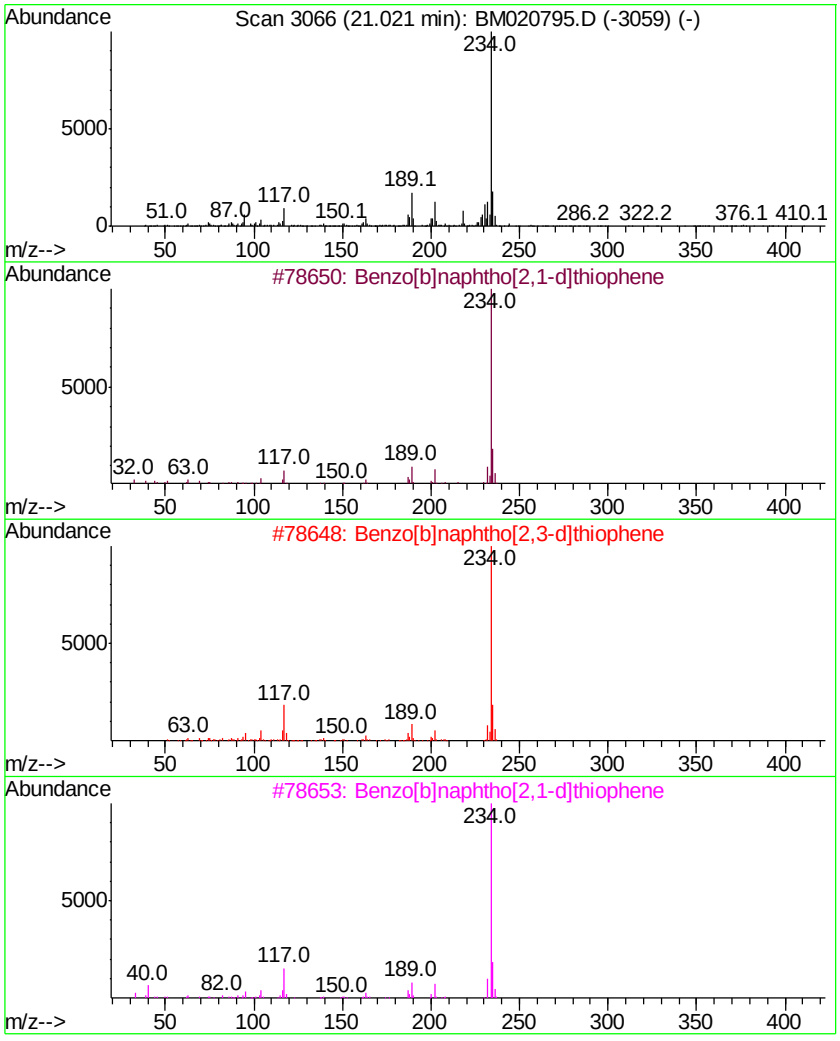
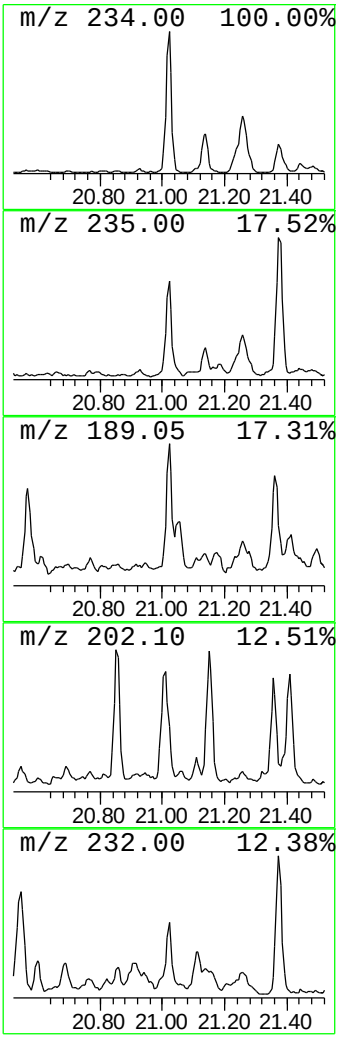
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.42 ng/ul	1239600	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	87





Library Search Compound Report

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Data File : BM020795.D
Acq On : 07 Jun 2019 09:40
Operator : HP/JU
Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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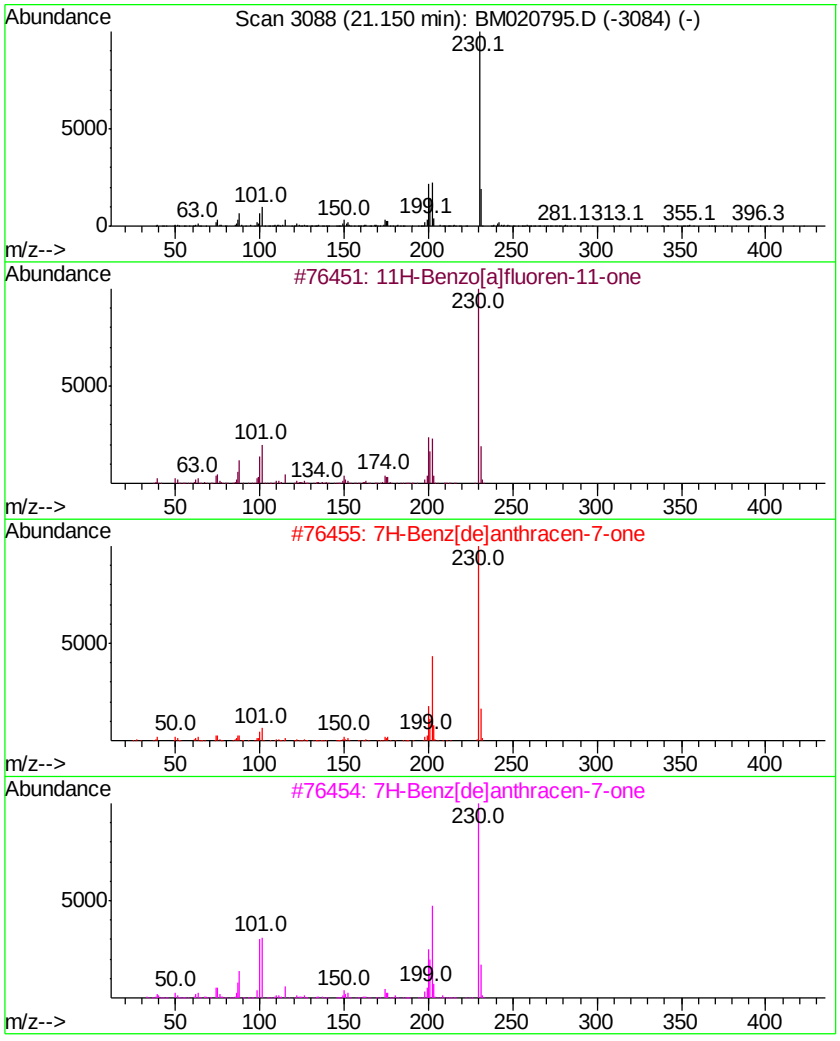
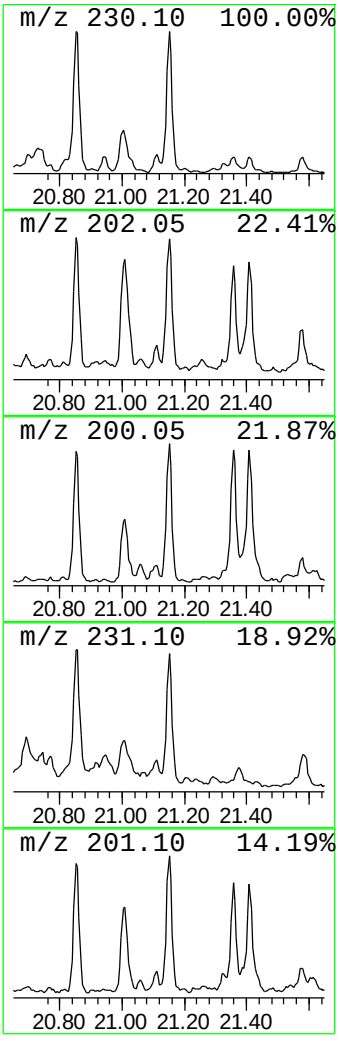
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.54 ng/ul	1299960	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83





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Data File : BM020795.D
Acq On : 07 Jun 2019 09:40
Operator : HP/JU
Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

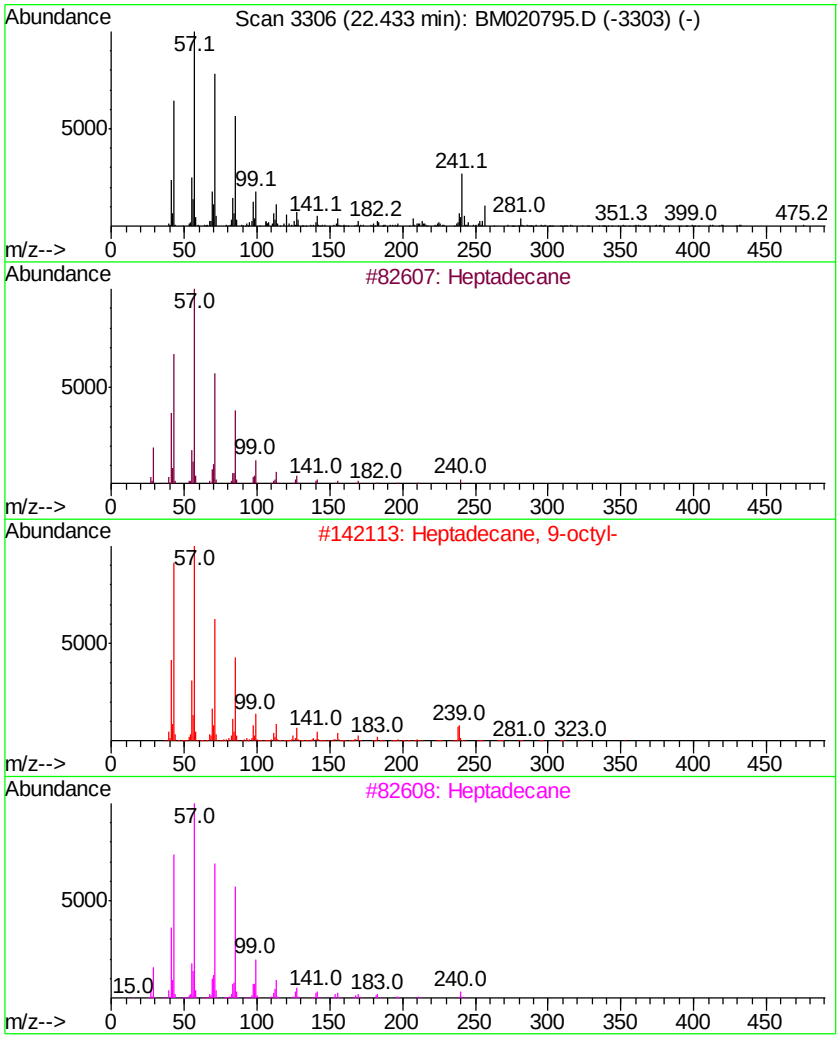
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

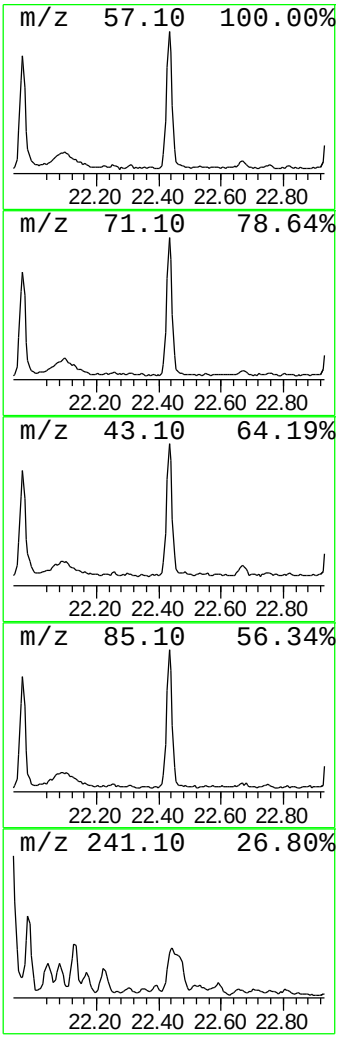
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.37 ng/ul	1216760	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heptadecane	240	C17H36	000629-78-7	90
5	Octacosane	394	C28H58	000630-02-4	83





Library Search Compound Report

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Data File : BM020795.D
Acq On : 07 Jun 2019 09:40
Operator : HP/JU
Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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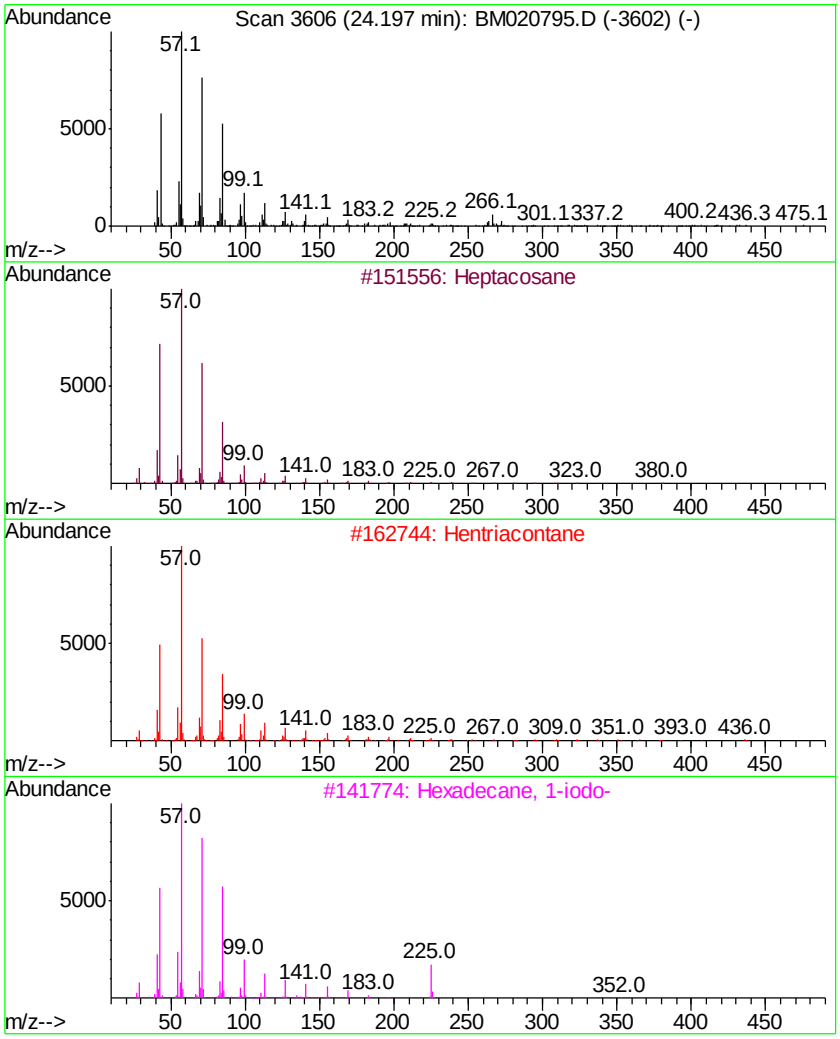
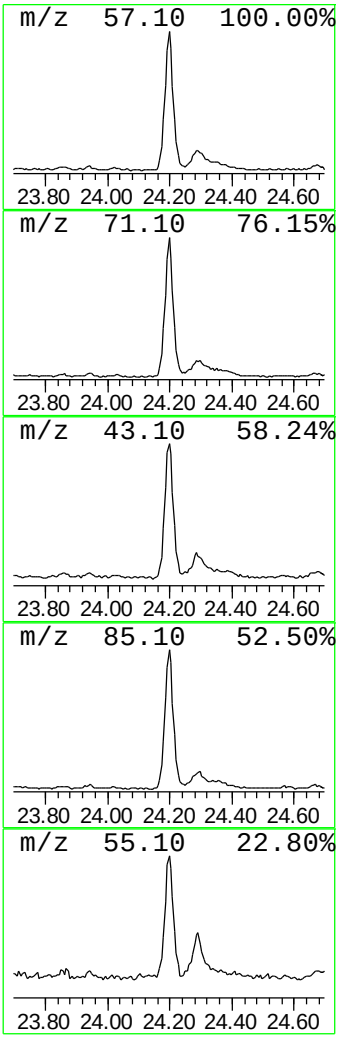
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	6.46 ng/ul	1266450	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Hentriacontane	437	C31H64	000630-04-6	95
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90





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Acq On : 07 Jun 2019 09:40
Operator : HP/JU
Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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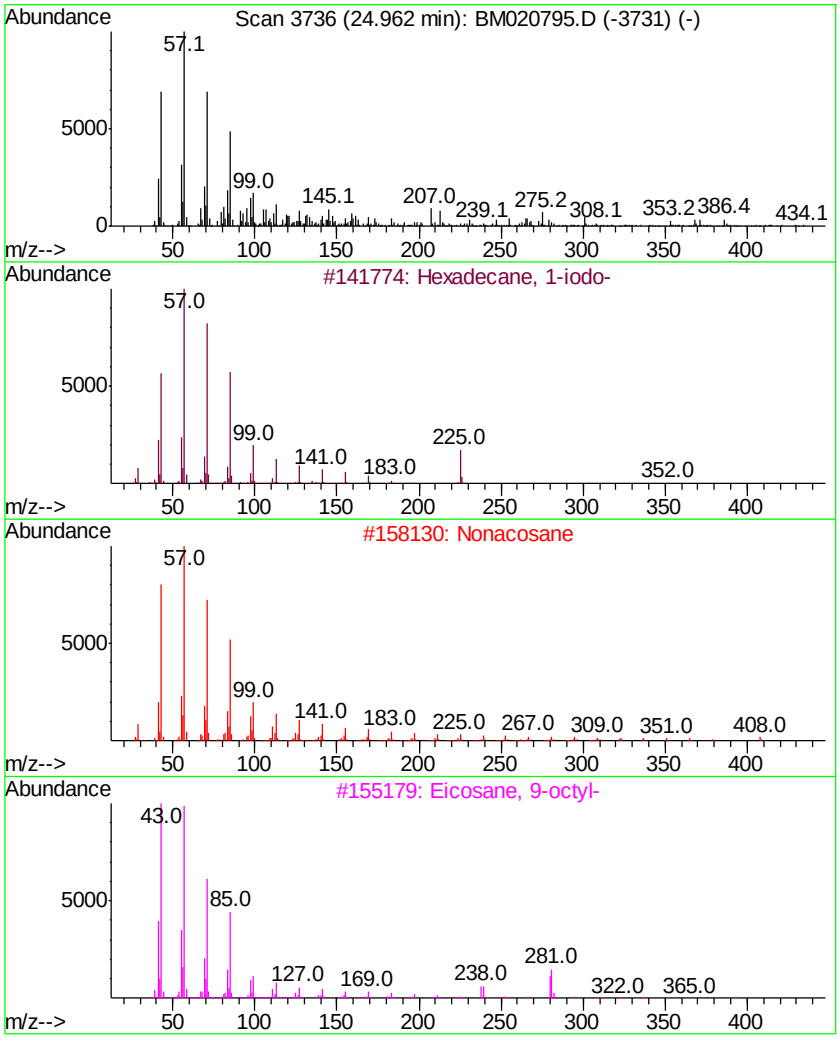
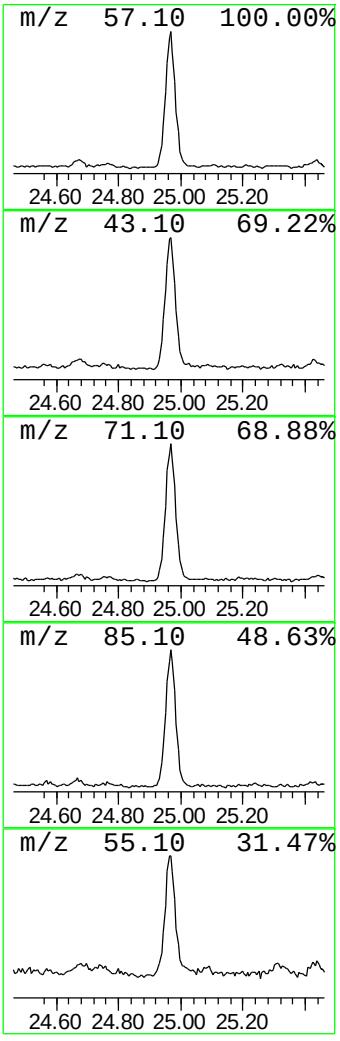
Peak Number 23 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	6.61 ng/ul	1295510	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	Nonacosane	408	C29H60	000630-03-5	90
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
4	Eicosane	282	C20H42	000112-95-8	89
5	Heneicosane	296	C21H44	000629-94-7	89





Tentatively Identified Compound (LSC) summary

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Data File : BM020795.D
Acq On : 07 Jun 2019 09:40
Operator : HP/JU
Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.05	42.6	ng/ul	3490550	1	7.81	1638720	20.0
Anthracene, 2-met...	18.07	9.0	ng/ul	1709280	4	17.20	3811860	20.0
Phenanthrene, 2-m...	18.12	8.2	ng/ul	1555660	4	17.20	3811860	20.0
1H-Cyclopropa[l]p...	18.20	3.0	ng/ul	576519	4	17.20	3811860	20.0
4H-Cyclopenta[def...	18.26	10.3	ng/ul	1967790	4	17.20	3811860	20.0
Anthracene, 1-met...	18.30	3.9	ng/ul	742427	4	17.20	3811860	20.0
2-Phenylnaphthalene	18.57	3.9	ng/ul	749508	4	17.20	3811860	20.0
9,10-Anthracenedione	18.61	3.2	ng/ul	612584	4	17.20	3811860	20.0
Phenanthrene, 4,5...	18.82	2.3	ng/ul	431831	4	17.20	3811860	20.0
Phenanthrene, 2,5...	18.99	6.0	ng/ul	1140720	4	17.20	3811860	20.0
9,10-Bis(bromomet...	19.05	3.4	ng/ul	654877	4	17.20	3811860	20.0
Cyclopenta(def)ph...	19.13	4.3	ng/ul	826493	4	17.20	3811860	20.0
11H-Benzo[a]fluorene	19.93	2.9	ng/ul	1500600	5	21.37	10249200	20.0
11H-Benzo[b]fluorene	20.10	2.7	ng/ul	1376130	5	21.37	10249200	20.0
Pyrene, 1-methyl-	20.26	2.6	ng/ul	1342330	5	21.37	10249200	20.0
11H-Benzo[a]fluor...	20.85	2.2	ng/ul	1145540	5	21.37	10249200	20.0
Benzo[b]naphtho[2...	21.02	2.4	ng/ul	1239600	5	21.37	10249200	20.0
7H-Benz[de]anthra...	21.15	2.5	ng/ul	1299960	5	21.37	10249200	20.0
(DEL) Alkane: Str...	22.43	2.4	ng/ul	1216760	5	21.37	10249200	20.0
(DEL) Alkane: Str...	24.20	6.5	ng/ul	1266450	6	23.66	3922270	20.0
Hexadecane, 1-iodo-	24.96	6.6	ng/ul	1295510	6	23.66	3922270	20.0