LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020796.D
Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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	16	rBV	1215283	1451096	13.51%	1.199%
2	6.975	671	678	687	rBV	249058	413038	3.84%	0.341%
3	7.151	702	708	722	rBV	219614	358823	3.34%	0.297%
4	7.340	735	740	749	rVB	287902	468508	4.36%	0.387%
5	7.810	810	820	828	rBV	972697	1550378	14.43%	1.281%
6	8.510	933	939	946	rBV	225817	370332	3.45%	0.306%
7	8.969	1010	1017	1026	rBV	274226	469320	4.37%	0.388%
8	9.686	1131	1139	1151	rBV	216721	370726	3.45%	0.306%
9	10.222	1222	1230	1238	rVB	349032	589664	5.49%	0.487%
10	10.604	1284	1295	1301	rBV	1320939	2181803	20.31%	1.803%
11	10.745	1311	1319	1330	rVV	253853	452523	4.21%	0.374%
12	13.857	1844	1848	1853	rBV	611742	821174	7.64%	0.679%
13	13.904	1853	1856	1864	rVB	219080	307915	2.87%	0.254%
14	14.139	1890	1896	1900	rBV	738999	1148438	10.69%	0.949%
15	14.451	1939	1949	1955	rVV2	1870529	2855969	26.58%	2.360%
16	14.510	1955	1959	1967	rVB	164604	260796	2.43%	0.216%
17	14.645	1976	1982	1992	rBV3	183417	321804	3.00%	0.266%
18	14.845	2010	2016	2023	rVB	119211	190731	1.78%	0.158%
19	15.445	2111	2118	2122	rVV	926199	1381111	12.86%	1.141%
20	15.498	2122	2127	2133	rVV2	174822	290670	2.71%	0.240%
21	15.563	2133	2138	2141	rVV	107851	167301	1.56%	0.138%
22	15.663	2151	2155	2159	rVV4	52372	92837	0.86%	0.077%
23	15.792	2172	2177	2183	rVV	85308	146646	1.36%	0.121%
24	15.939	2194	2202	2209	rVB	84470	186050	1.73%	0.154%
25	16.174	2232	2242	2247	rBV5	61665	125884	1.17%	0.104%
26	16.474	2286	2293	2294	rBV4	49322	84643	0.79%	0.070%
27	16.504	2295	2298	2302	rVB3	64908	90948	0.85%	0.075%
28	16.727	2327	2336	2339	rBV3	95446	185463	1.73%	0.153%
29	16.851	2352	2357	2363	rVB	155581	245078	2.28%	0.203%
30	16.927	2363	2370	2372	rBV2	90361	158714	1.48%	0.131%
31	17.015	2380	2385	2394	rVB	127252	213779	1.99%	0.177%
32	17.192	2409	2415	2419	rVV2	2347778	3463781	32.24%	2.863%
33	17.239	2419	2423	2428	rVV	2435176	3424188	31.87%	2.830%
34	17.292	2428	2432	2435	rVV2	1088053	1501410	13.97%	1.241%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020796.D
Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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	17.327	2435	2438	2443	rVB	577589	752549	7.00%	0.622%
36	17.386	2443	2448	2453	rVB3	114469	195347	1.82%	0.161%
37	17.598	2474	2484	2488	rBV2	307893	589110	5.48%	0.487%
38	17.774	2509	2514	2521	rVB7	82885	152777	1.42%	0.126%
39	18.068	2558	2564	2568	rVV	562164	883175	8.22%	0.730%
40	18.115	2568	2572	2578	rVB	746763	1053839	9.81%	0.871%
41	18.198	2578	2586	2591	rBV	286509	468378	4.36%	0.387%
42	18.262	2591	2597	2601	rBV2	652321	1307243	12.17%	1.080%
43	18.298	2601	2603	2609	rVB	396713	465599	4.33%	0.385%
44	18.380	2612	2617	2620	rBV3	99883	136066	1.27%	0.112%
45	18.415	2620	2623	2627	rVV2	66670	86178	0.80%	0.071%
46	18.462	2627	2631	2635	rVB4	55409	88062	0.82%	0.073%
47	18.509	2635	2639	2644	rBV5	58871	107045	1.00%	0.088%
48	18.568	2644	2649	2653	rVV	370807	492172	4.58%	0.407%
49	18.609	2653	2656	2662	rVB	324872	447591	4.17%	0.370%
50	18.692	2667	2670	2677	rVB3	72884	105443	0.98%	0.087%
51	18.815	2687	2691	2694	rVV	184805	217610	2.03%	0.180%
52	18.862	2696	2699	2702	rVB	121148	142440	1.33%	0.118%
53	18.903	2702	2706	2710	rVB2	162303	213809	1.99%	0.177%
54	18.986	2714	2720	2726	rBV	463096	876087	8.15%	0.724%
55	19.051	2726	2731	2734	rBV3	142462	227714	2.12%	0.188%
56	19.127	2739	2744	2752	rVB3	396259	674740	6.28%	0.558%
57	19.250	2759	2765	2771	rVB	5744420	7490278	69.72%	6.191%
58	19.315	2772	2776	2779	rBV	103445	146012	1.36%	0.121%
59	19.351	2779	2782	2787	rBV3	186415	273961	2.55%	0.226%
60	19.398	2787	2790	2793	rVB2	113324	128241	1.19%	0.106%
61	19.450	2794	2799	2801	rBV5	135555	205274	1.91%	0.170%
62	19.498	2803	2807	2809	rVV	108656	128231	1.19%	0.106%
63	19.586	2816	2822	2824	rBV3	2270939	3481787	32.41%	2.878%
64	19.615	2824	2827	2835	rVV	4932325	6555441	61.02%	5.418%
65	19.686	2835	2839	2845	rVB3	399022	657278	6.12%	0.543%
66	19.792	2853	2857	2862	rVB	351227	465499	4.33%	0.385%
67	19.856	2863	2868	2873	rVB	332854	495104	4.61%	0.409%
68	19.939	2876	2882	2889	rBV3	498523	1259861	11.73%	1.041%
69	20.068	2899	2904	2907	rBV4	372096	724187	6.74%	0.599%
70	20.103	2907	2910	2916	rVB	782157	1184790	11.03%	0.979%
71	20.209	2924	2928	2931	rBV2	473341	577245	5.37%	0.477%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020796.D
Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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	20.268	2931	2938	2941	rVV3	668210	1206410	11.23%	0.997%
73	20.303	2941	2944	2948	rVB2	207613	230553	2.15%	0.191%
74	20.345	2948	2951	2955	rBV2	177310	259693	2.42%	0.215%
75	20.403	2958	2961	2965	rBV	402960	508151	4.73%	0.420%
76	20.450	2965	2969	2973	rVV2	409560	538752	5.01%	0.445%
77	20.697	3008	3011	3014	rBV5	130166	179424	1.67%	0.148%
78	20.815	3028	3031	3034	rBV5	116634	165482	1.54%	0.137%
79	20.856	3034	3038	3043	rVB	769300	1081395	10.07%	0.894%
80	21.021	3059	3066	3069	rBV2	652940	1231013	11.46%	1.017%
81	21.056	3069	3072	3075	rBV	522025	670611	6.24%	0.554%
82	21.150	3084	3088	3099	rVB2	743019	1254934	11.68%	1.037%
83	21.362	3115	3124	3129	rBV4	5113169	10743613	100.00%	8.880%
84	21.409	3129	3132	3142	rVB	3740091	4925103	45.84%	4.071%
85	21.527	3148	3152	3158	rBV3	585316	983852	9.16%	0.813%
86	21.592	3159	3163	3167	rBV5	257250	486107	4.52%	0.402%
87	21.692	3175	3180	3184	rBV2	507780	870518	8.10%	0.719%
88	21.927	3217	3220	3224	rVB	830649	1080817	10.06%	0.893%
89	21.980	3227	3229	3235	rVB	570230	749144	6.97%	0.619%
90	22.133	3251	3255	3257	rBV	401276	512468	4.77%	0.424%
91	22.233	3268	3272	3281	rVB4	388460	846608	7.88%	0.700%
92	22.974	3391	3398	3403	rBV	3240890	8147913	75.84%	6.734%
93	23.144	3423	3427	3433	rVB	811708	1277500	11.89%	1.056%
94	23.462	3475	3481	3486	rBV	1772849	3307943	30.79%	2.734%
95	23.515	3486	3490	3492	rVV2	736529	1338500	12.46%	1.106%
96	23.562	3492	3498	3505	rVB	3041047	5881389	54.74%	4.861%
97	23.662	3508	3515	3520	rVV	1954899	4112711	38.28%	3.399%
98	23.709	3520	3523	3531	rVB2	850191	1684129	15.68%	1.392%
99	25.974	3900	3908	3920	rVB2	1607828	4649098	43.27%	3.842%
100	26.685	4023	4029	4041	rVB	789820	2270672	21.14%	1.877%

Sum of corrected areas: 120992207

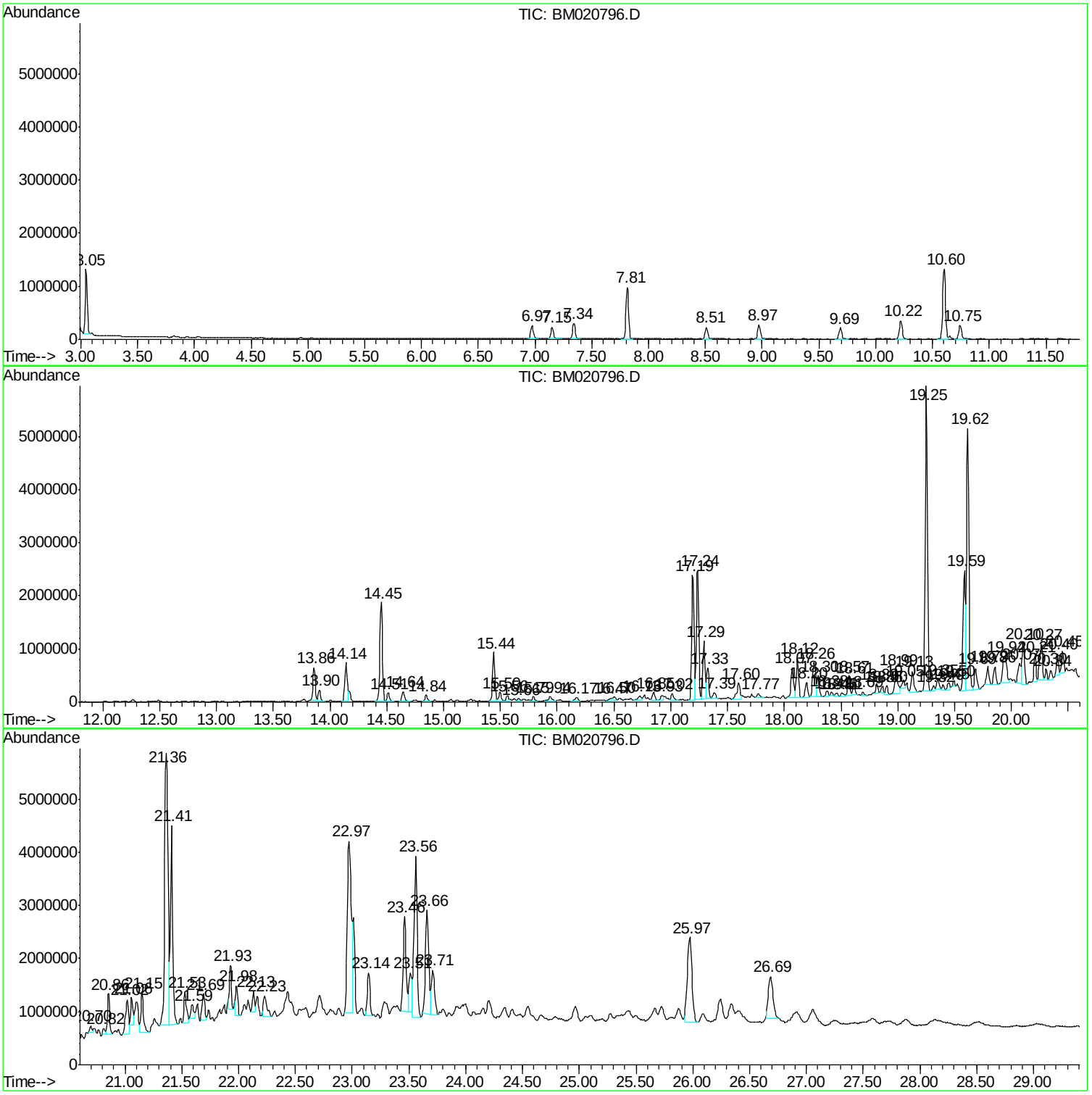
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020796.D
Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020796.D
Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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

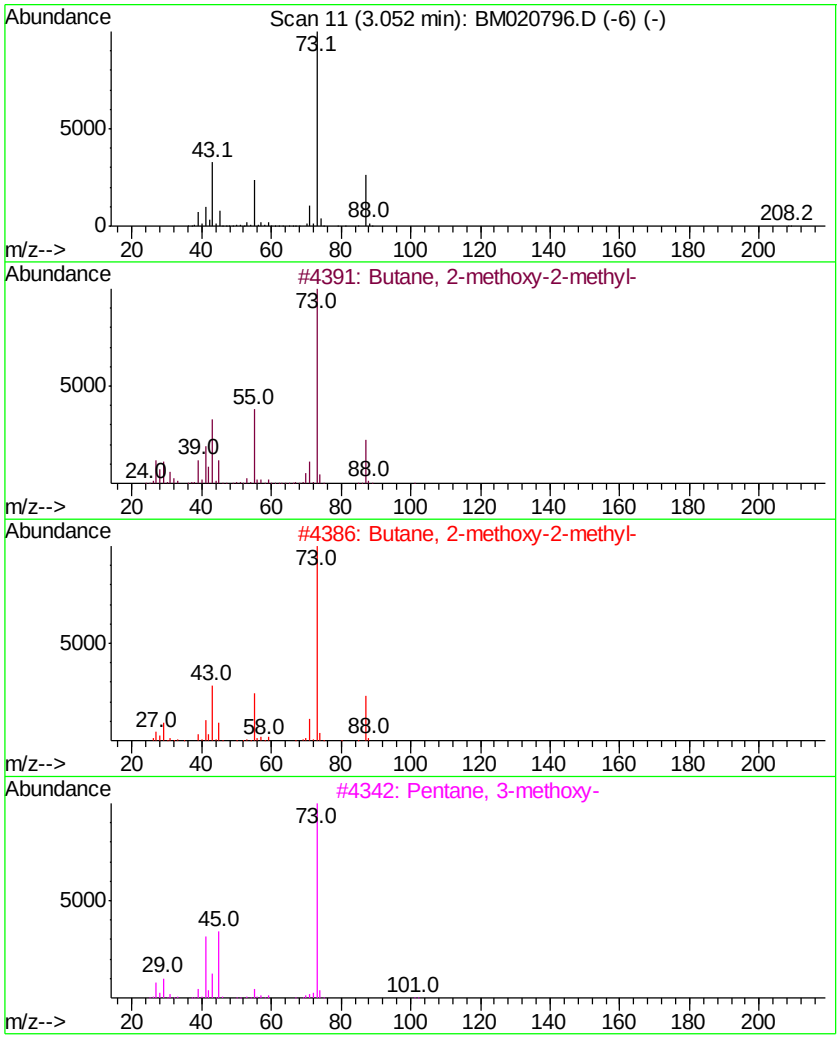
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

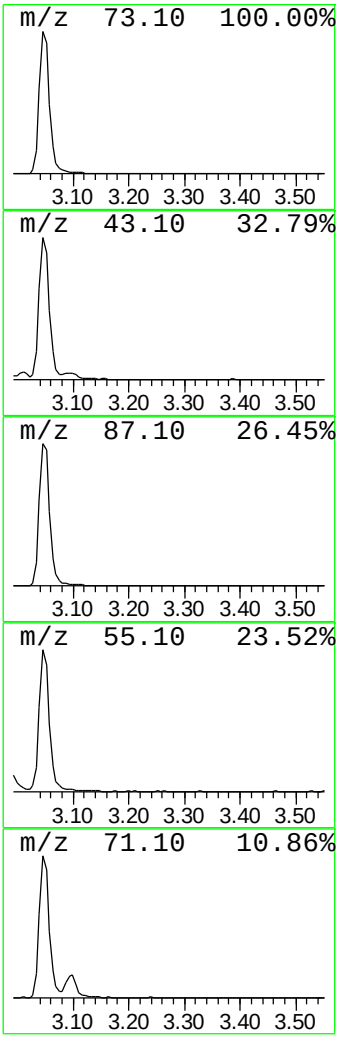
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	18.72 ng/ul	1451100	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020796.D
Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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

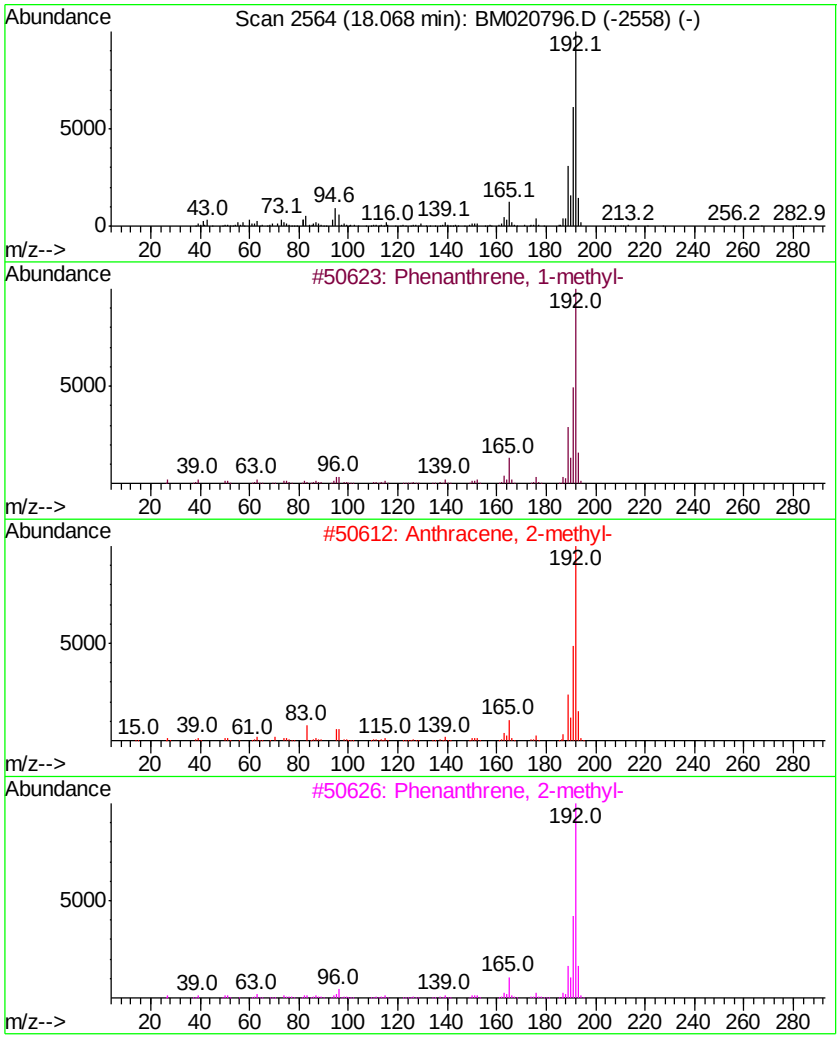
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

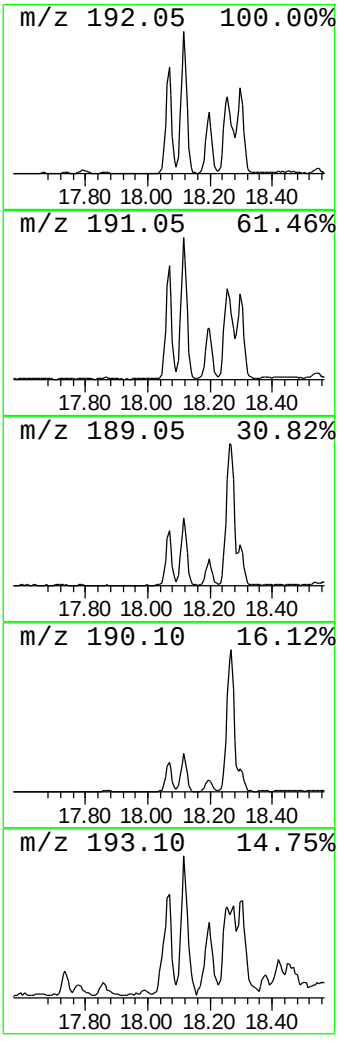
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.10 ng/ul	883175	Phenanthrene-d10	17.19

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020796.D
Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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

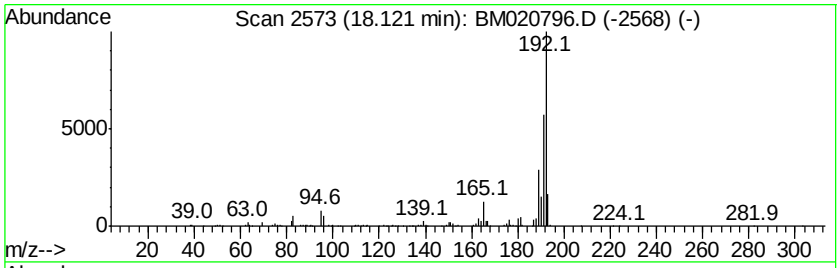
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

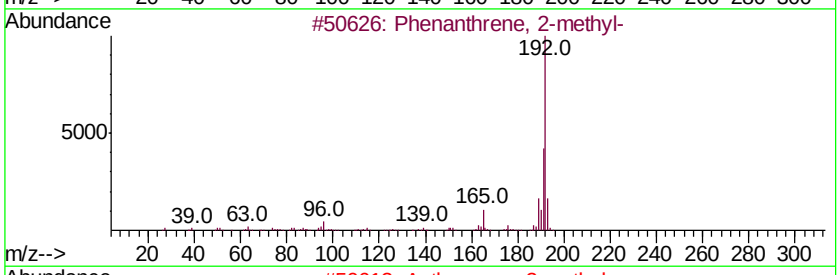
****

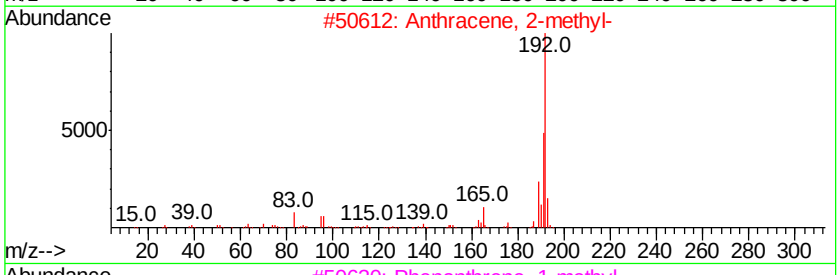
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

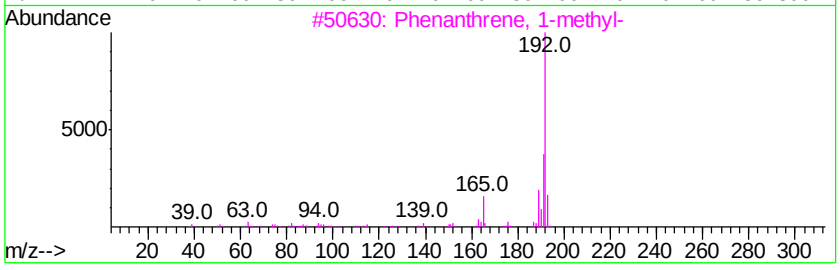
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	6.08 ng/ul	1053840	Phenanthrene-d10	17.19

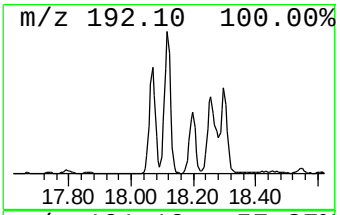
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94

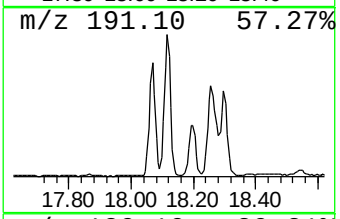


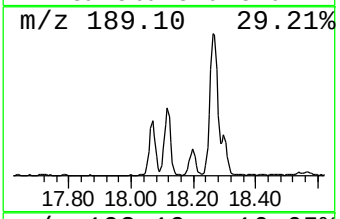


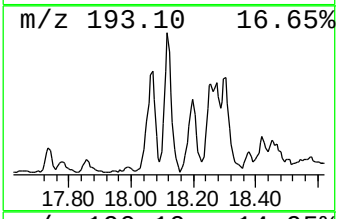


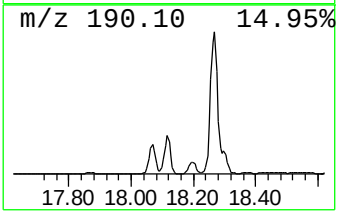












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020796.D
Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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

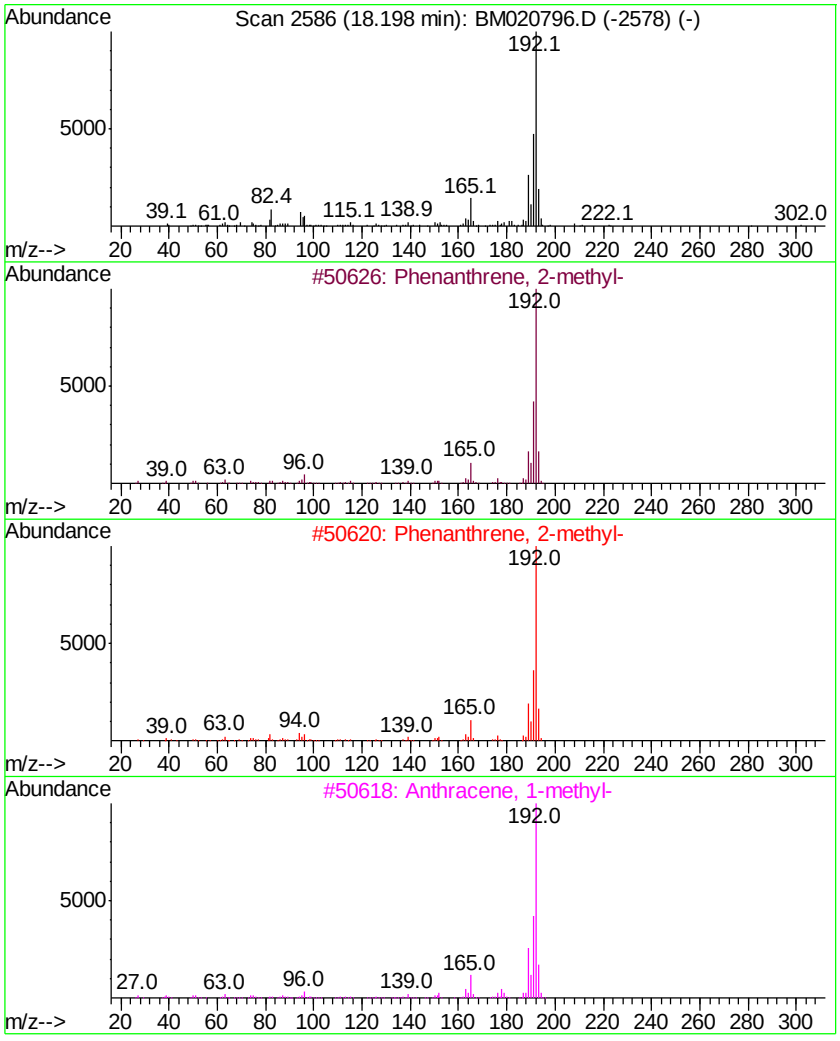
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

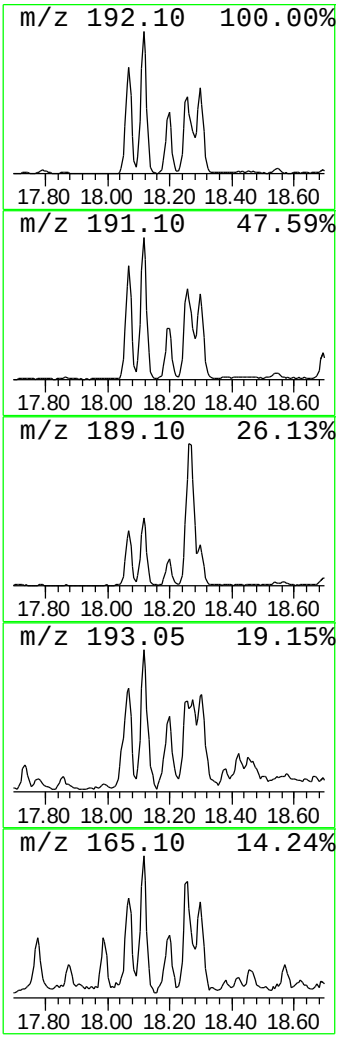
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.70 ng/ul	468378	Phenanthrene-d10	17.19

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





Library Search Compound Report

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Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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Quant Title : SVOA CALIBRATION

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

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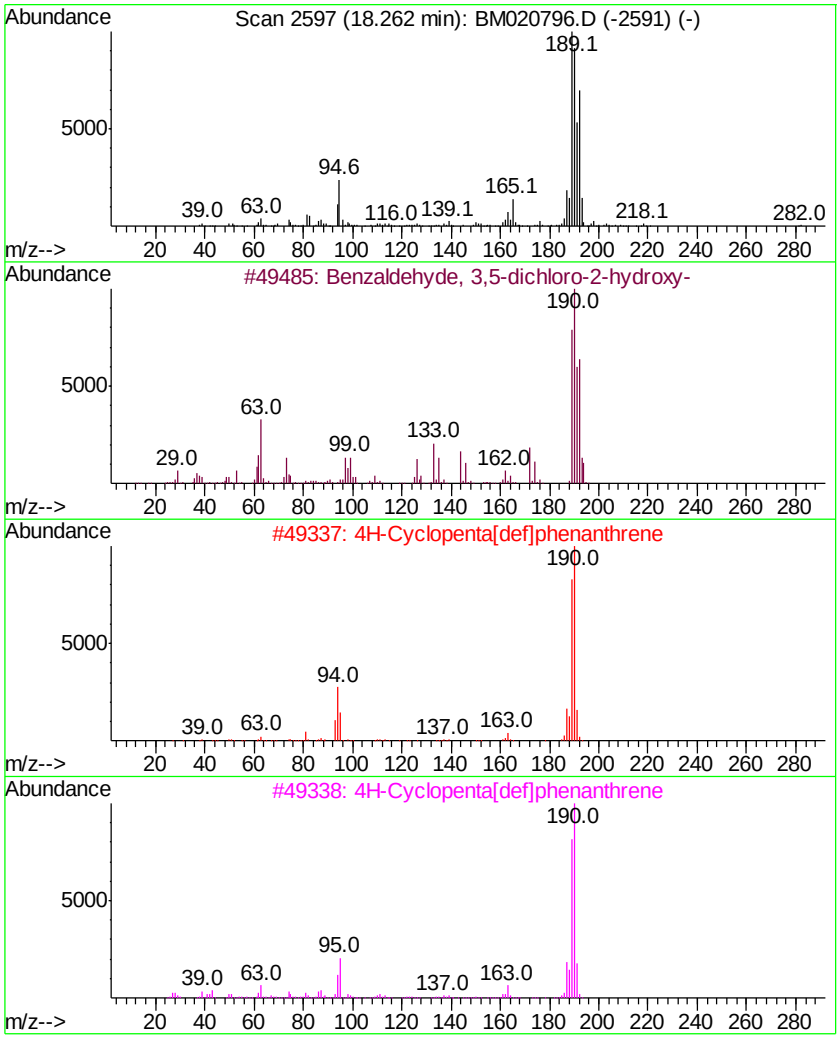
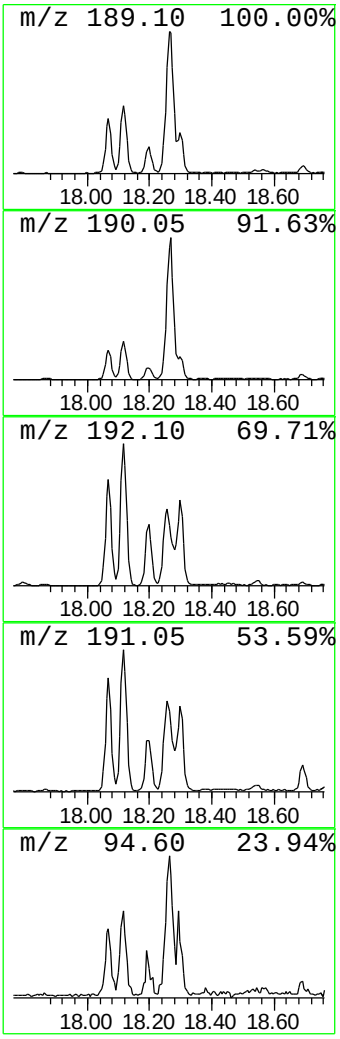
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	7.55 ng/ul	1307240	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Instrument : BNA_M
ClientSampleId : C0AC8

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Quant Title : SVOA CALIBRATION

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

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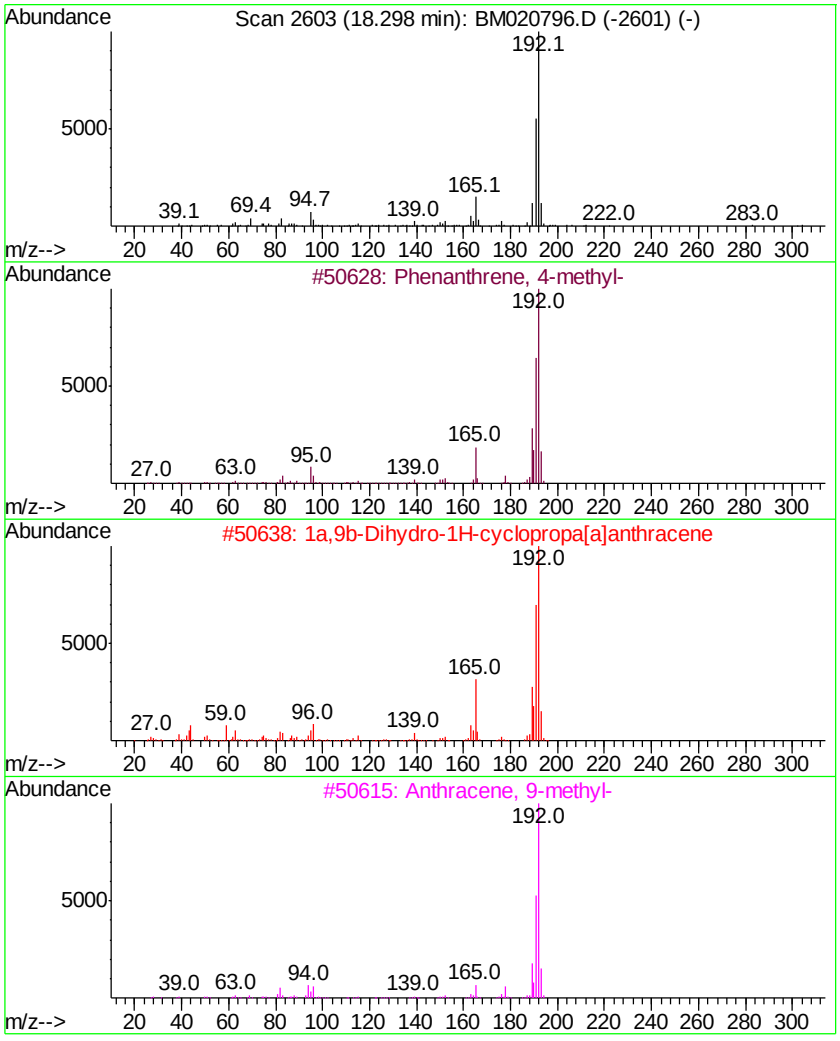
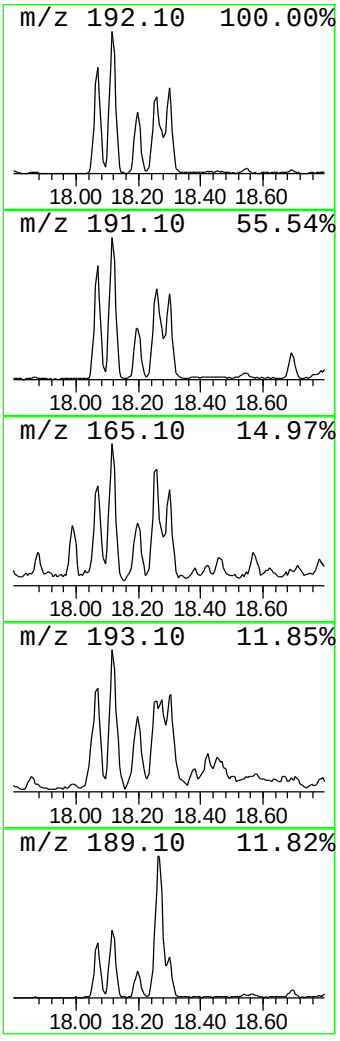
Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.69 ng/ul	465599	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83





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Instrument : BNA_M
ClientSampleId : C0AC8

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Quant Title : SVOA CALIBRATION

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

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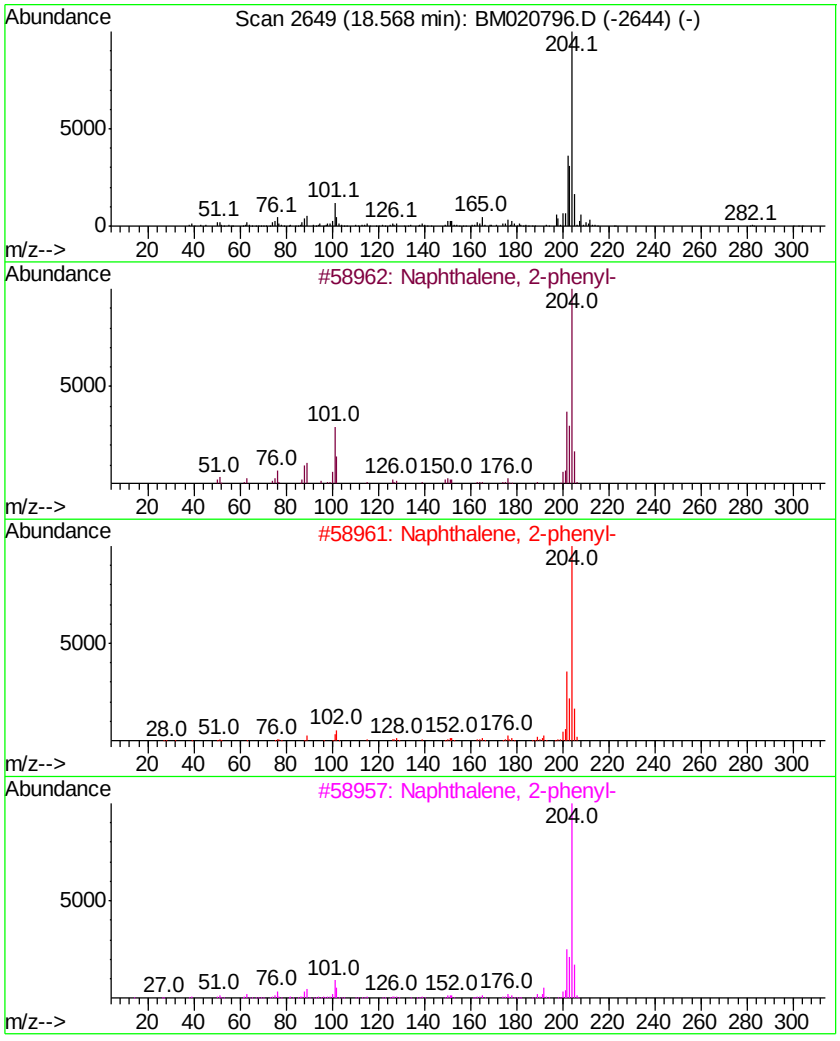
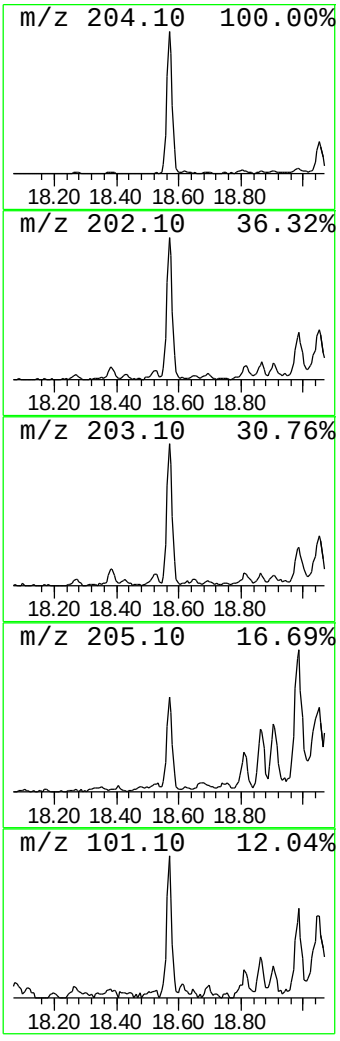
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.84 ng/ul	492172	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





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Sample : K3201-17 5X
Misc :
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Instrument : BNA_M
ClientSampleId : C0AC8

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Quant Title : SVOA CALIBRATION

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

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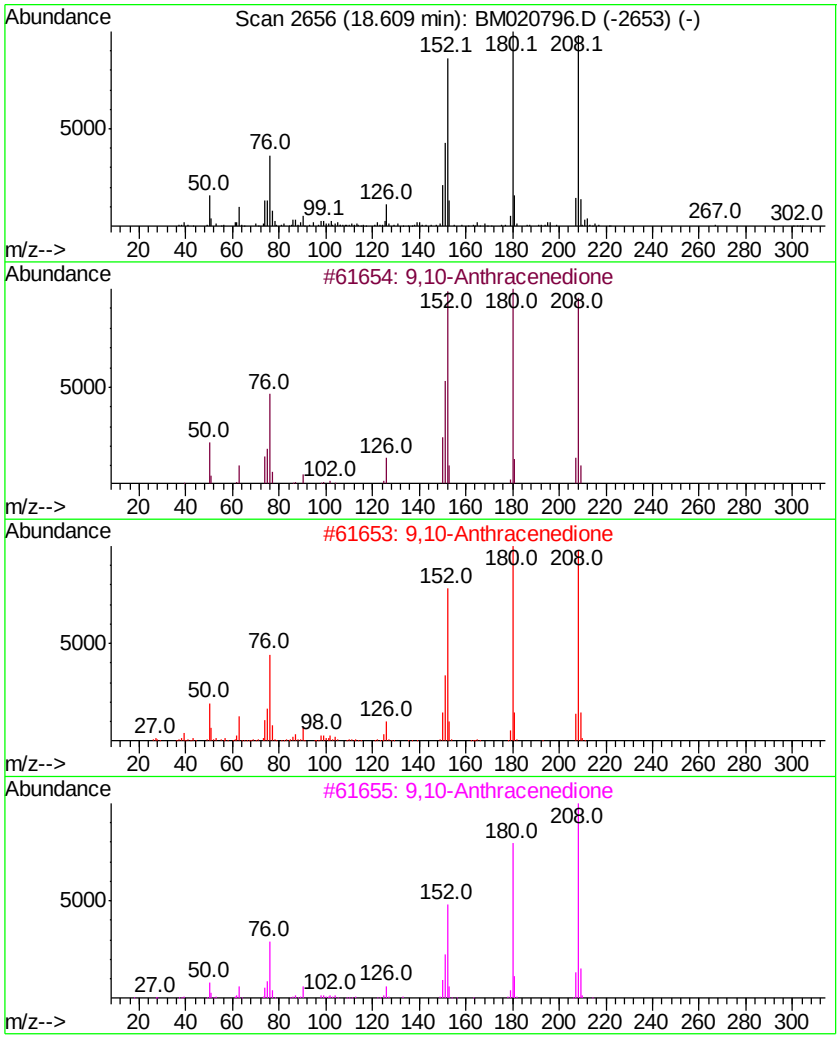
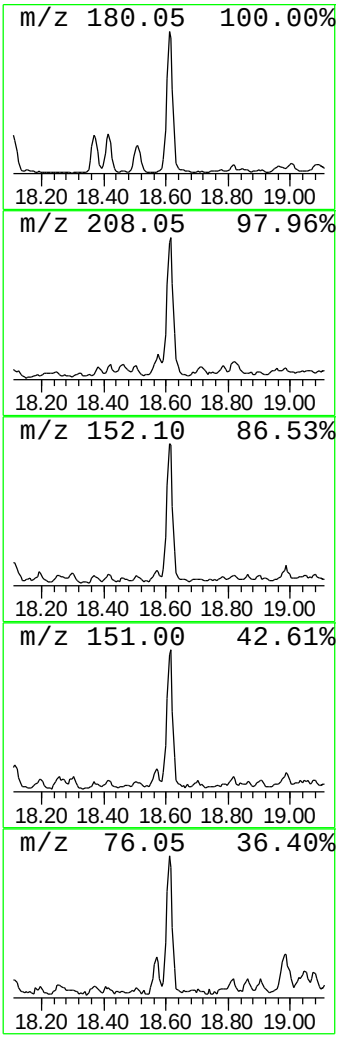
Peak Number 8 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	2.58 ng/ul	447591	Phenanthrene-d10	17.19

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	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62





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Misc :
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Quant Title : SVOA CALIBRATION

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

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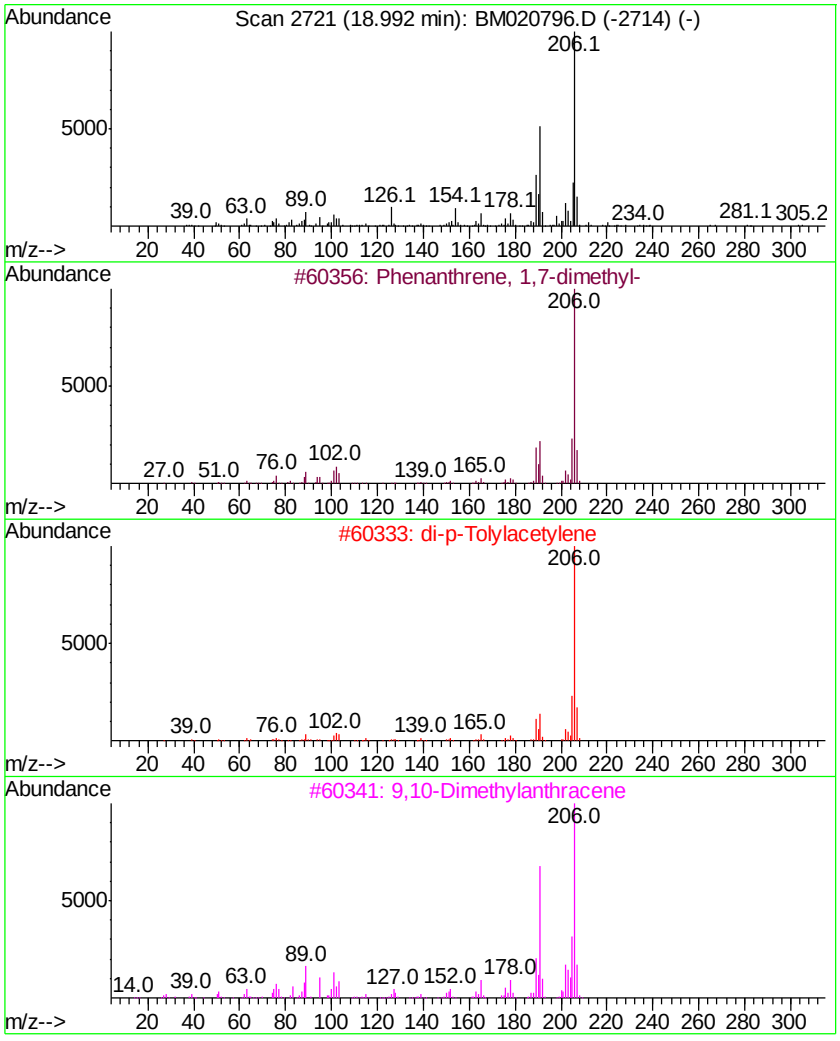
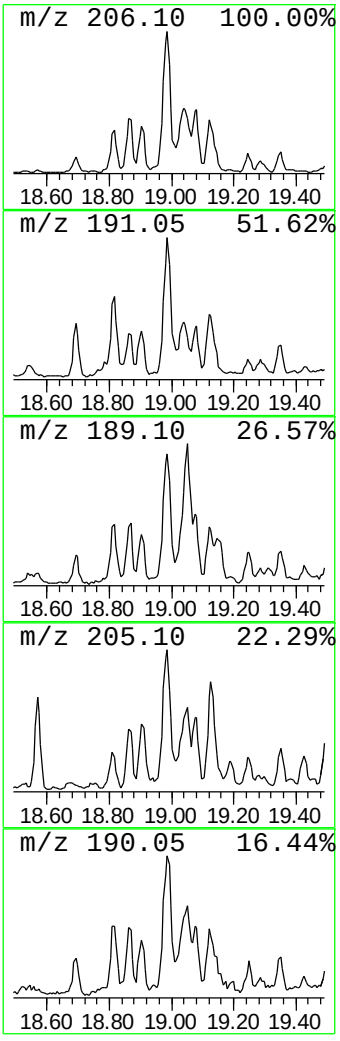
Peak Number 9 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	5.06 ng/ul	876087	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





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Quant Title : SVOA CALIBRATION

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

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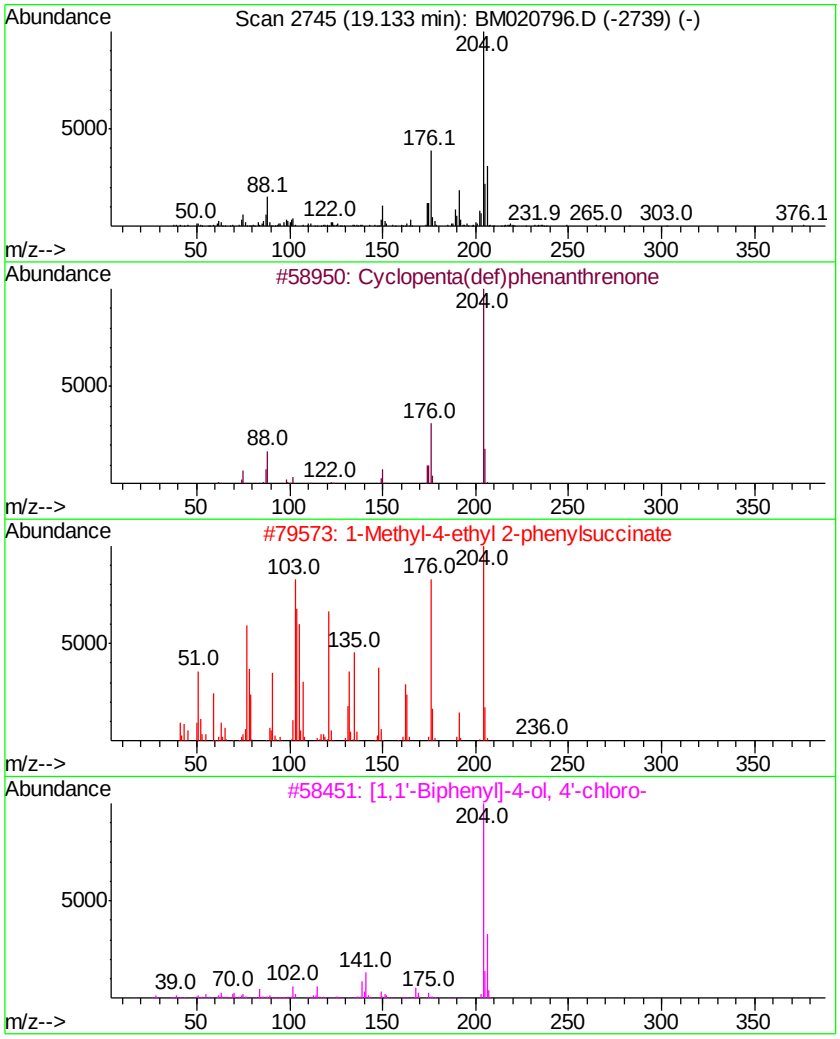
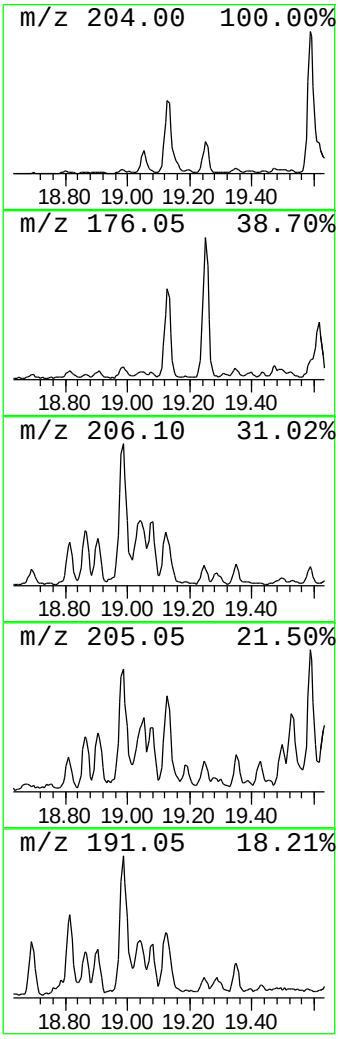
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.90 ng/ul	674740	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	46
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	38





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AC8

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Quant Title : SVOA CALIBRATION

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

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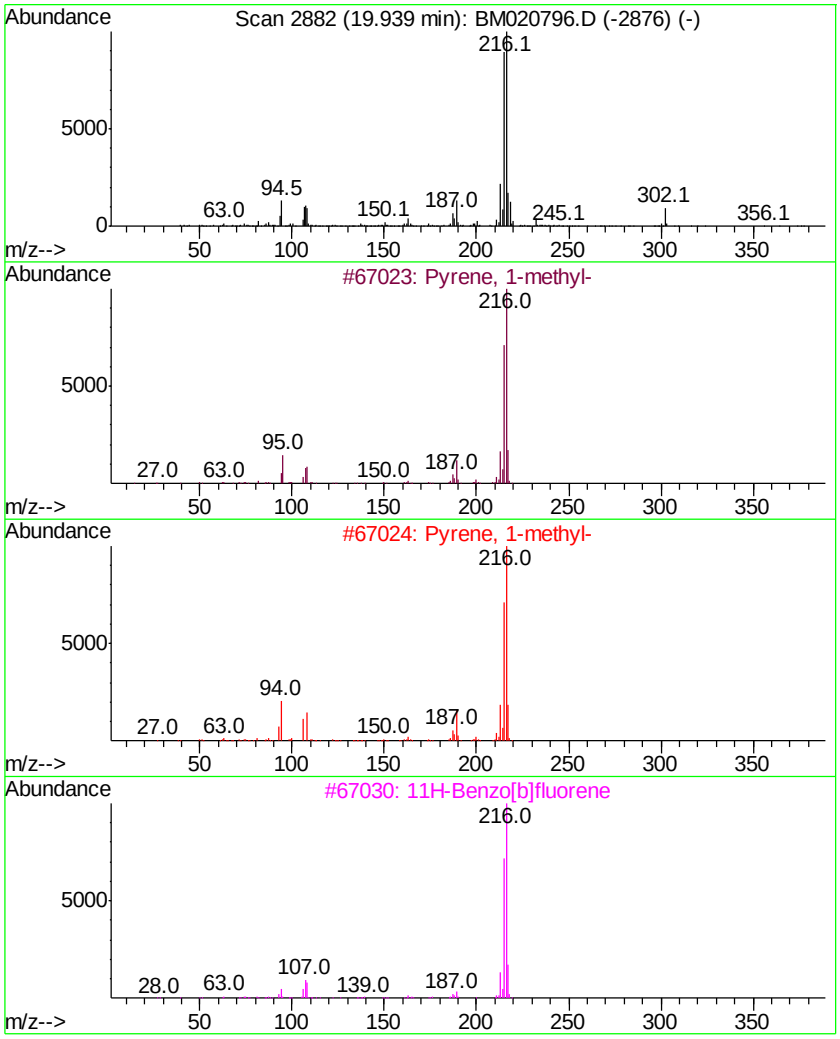
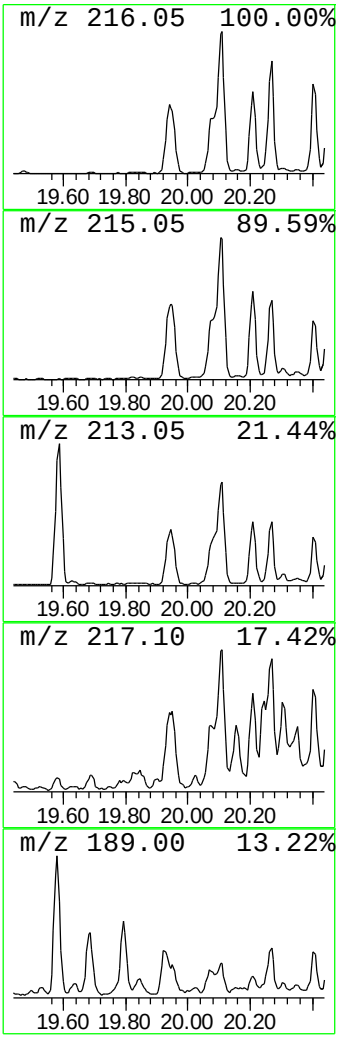
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.35 ng/ul	1259860	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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Quant Title : SVOA CALIBRATION

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

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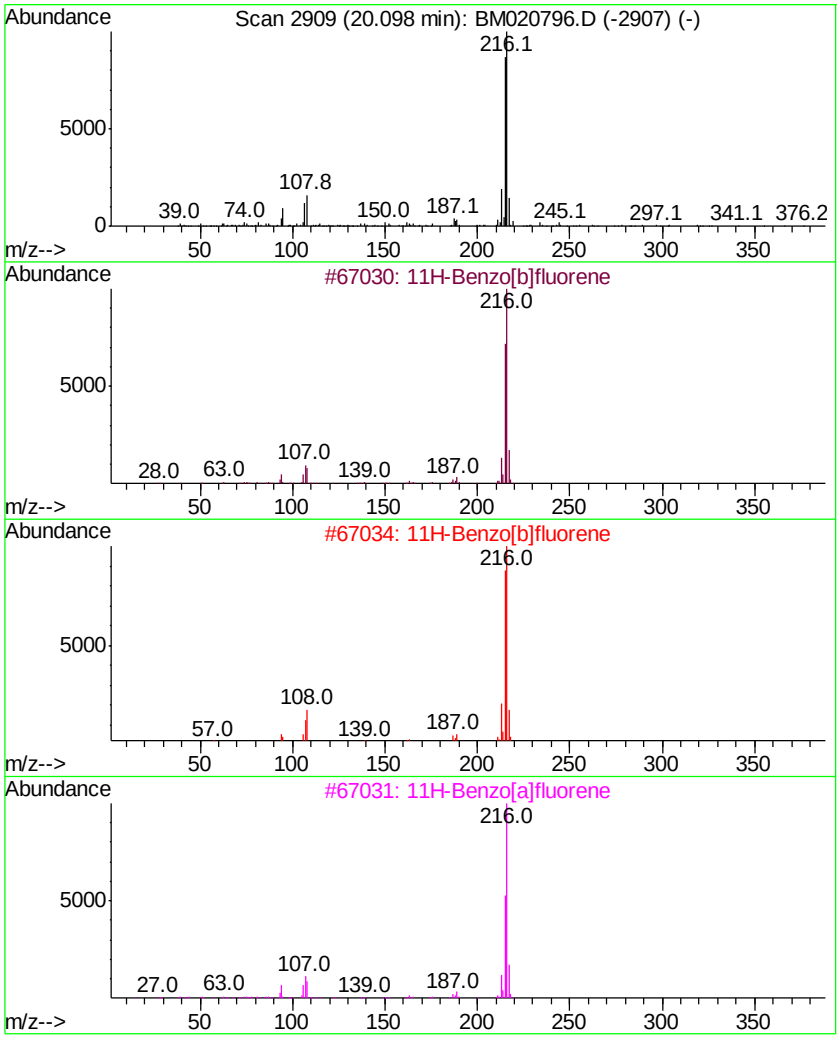
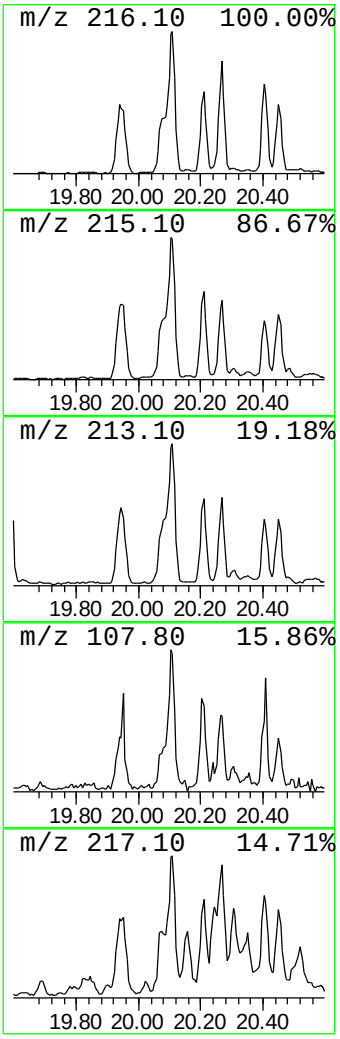
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.21 ng/ul	1184790	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Quant Title : SVOA CALIBRATION

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

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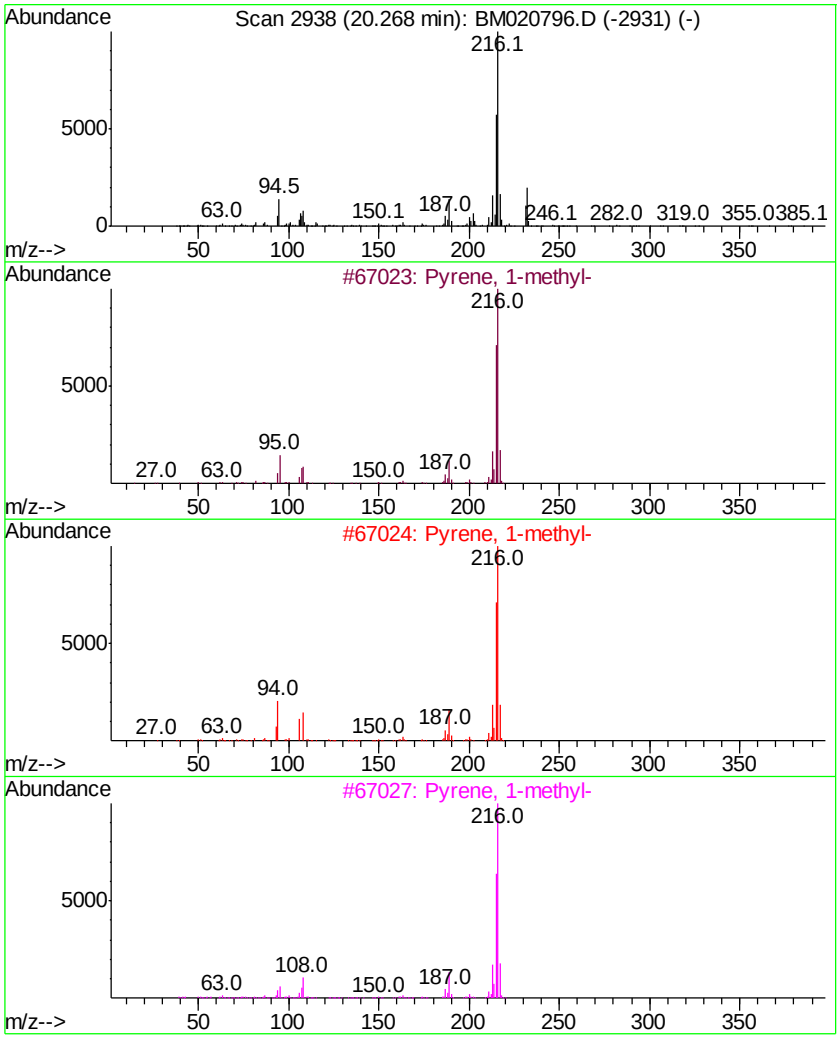
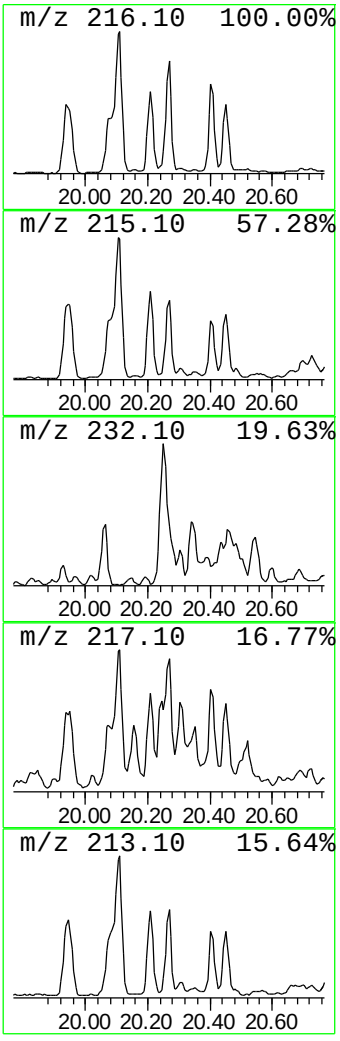
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.25 ng/ul	1206410	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





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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[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.01 ng/ul	1081400	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	96
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	89
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
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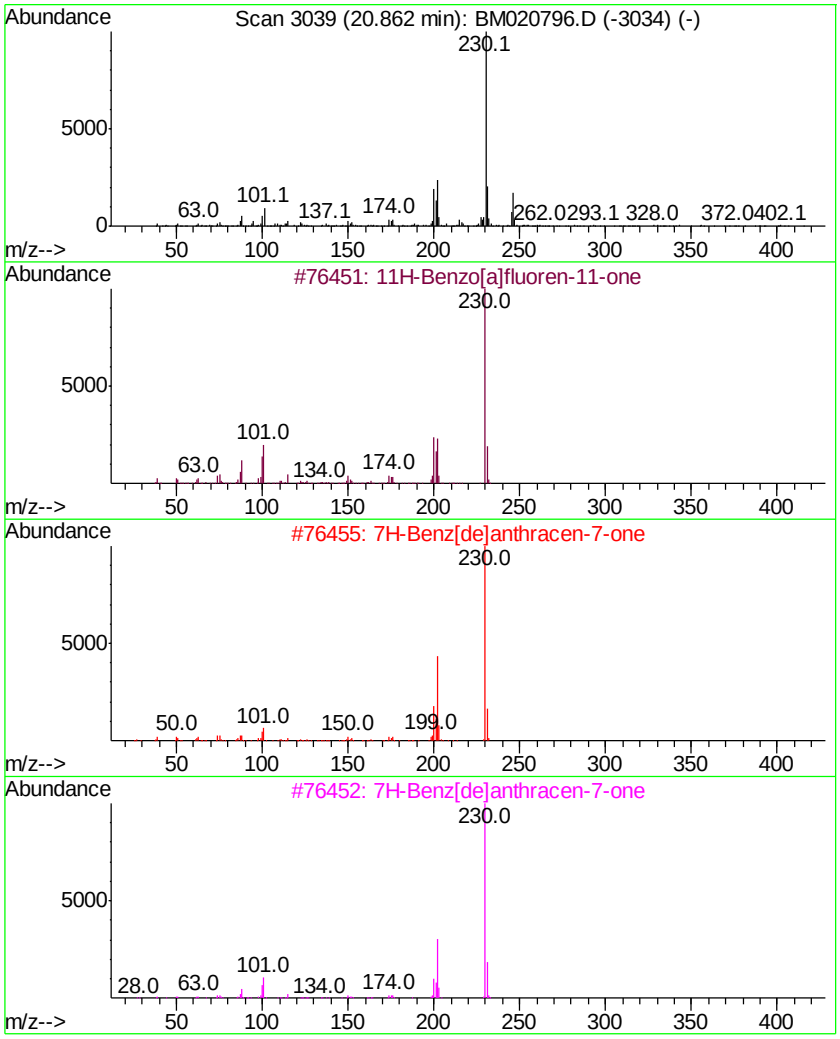

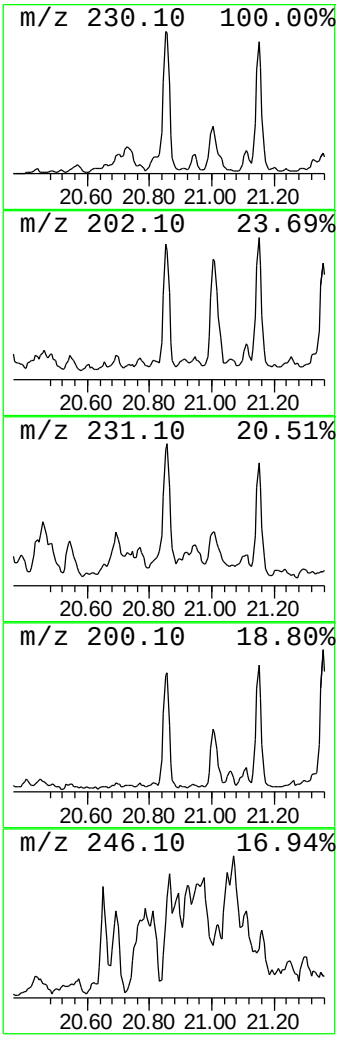

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Quant Title : SVOA CALIBRATION

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

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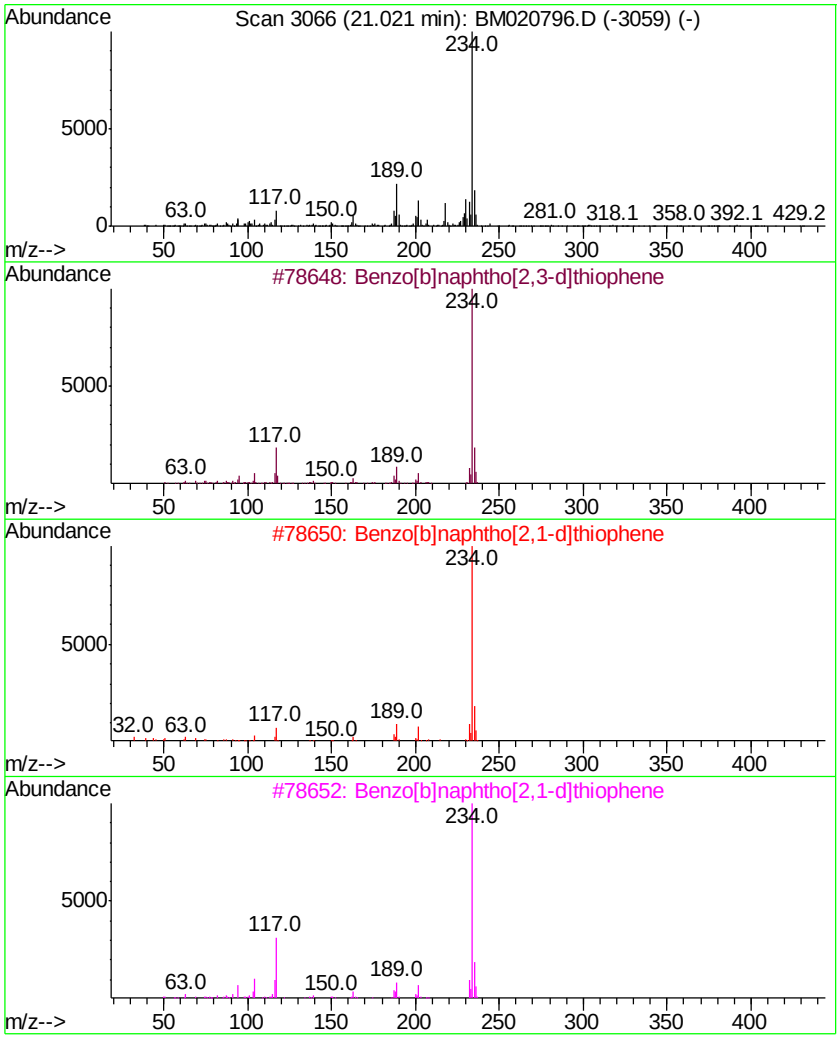
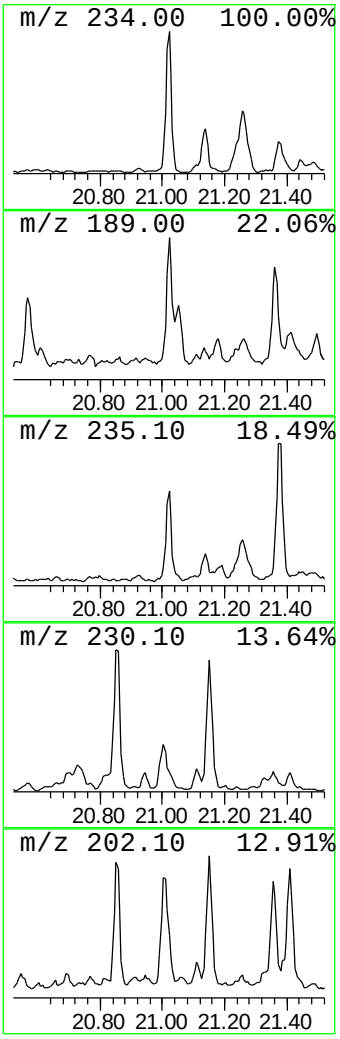
Peak Number 15 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.29 ng/ul	1231010	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020796.D
Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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

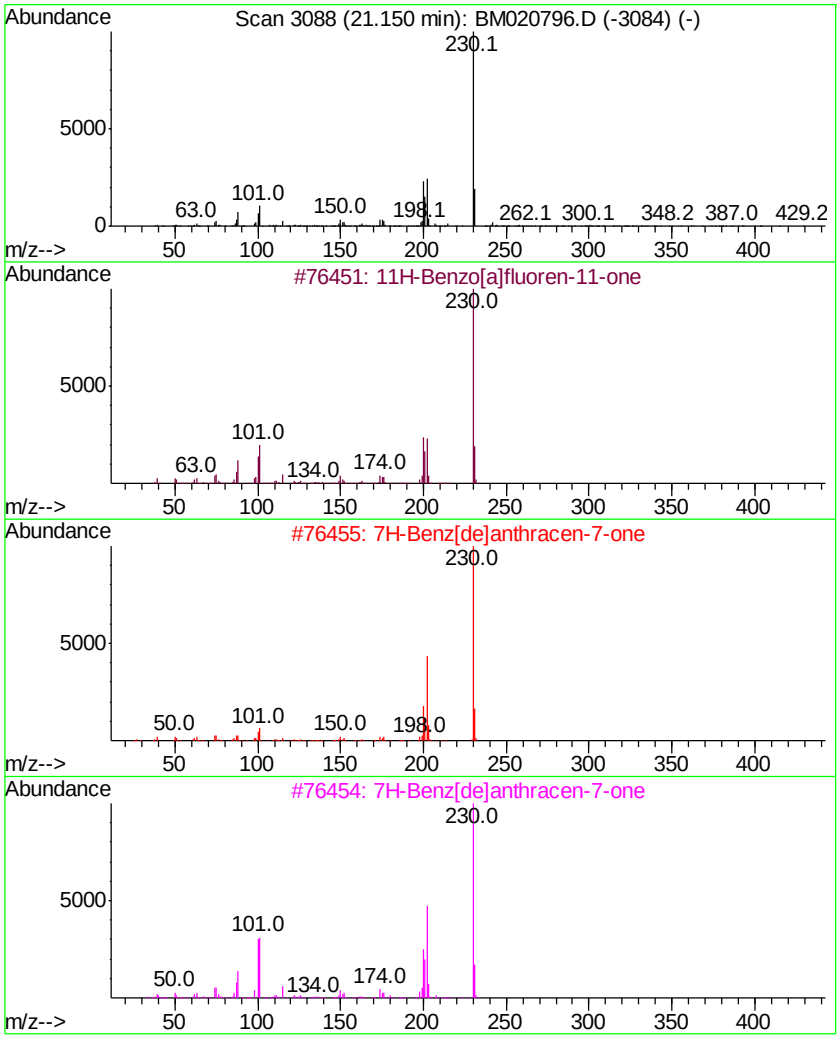
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

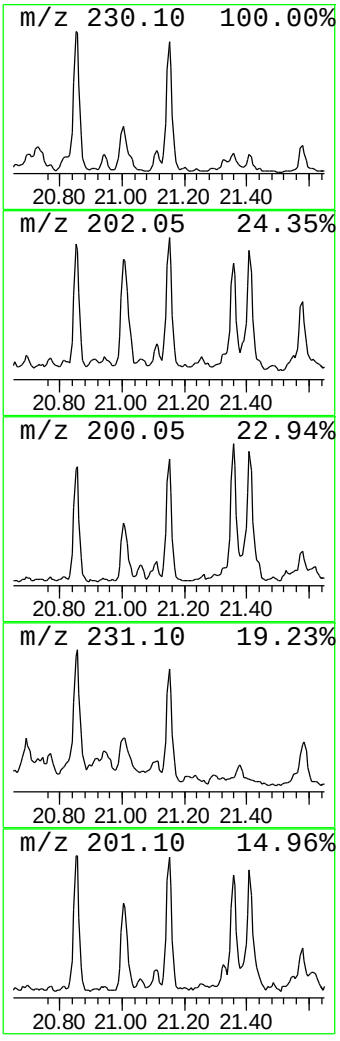
****

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.34 ng/ul	1254930	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	96
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	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020796.D
Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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

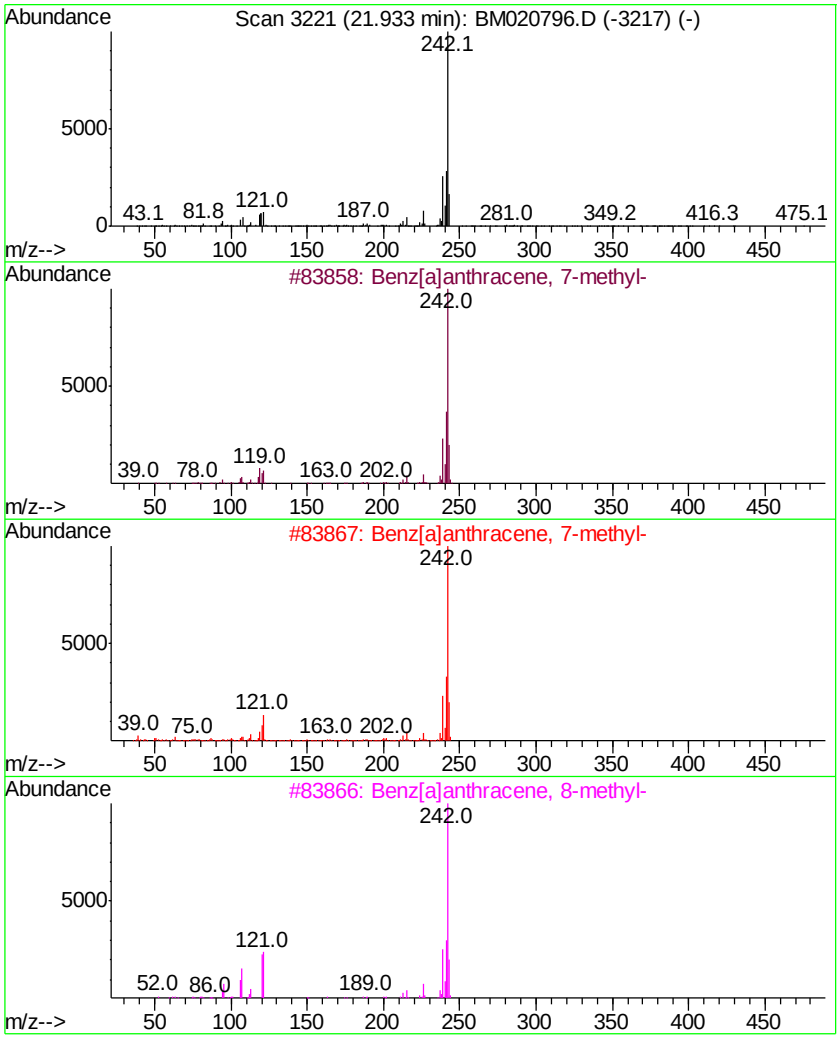
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

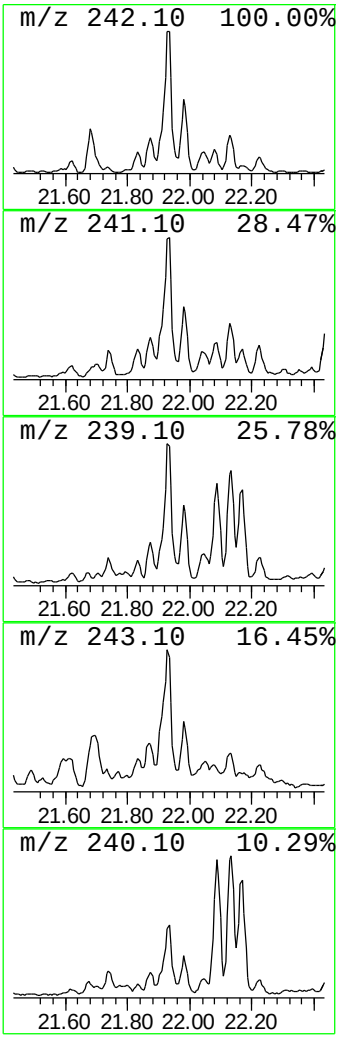
****

Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.01 ng/ul	1080820	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	91
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
5	Chrysene, 2-methyl-	242	C19H14	003351-32-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020796.D
Acq On : 07 Jun 2019 10:16
Operator : HP/JU
Sample : K3201-17 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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	18.7	ng/ul	1451100	1	7.81	1550380	20.0
Phenanthrene, 1-m...	18.07	5.1	ng/ul	883175	4	17.19	3463780	20.0
Phenanthrene, 2-m...	18.12	6.1	ng/ul	1053840	4	17.19	3463780	20.0
1H-Cyclopropa[l]p...	18.20	2.7	ng/ul	468378	4	17.19	3463780	20.0
Benzaldehyde, 3,5...	18.26	7.5	ng/ul	1307240	4	17.19	3463780	20.0
Phenanthrene, 4-m...	18.30	2.7	ng/ul	465599	4	17.19	3463780	20.0
Naphthalene, 2-ph...	18.57	2.8	ng/ul	492172	4	17.19	3463780	20.0
9,10-Anthracenedione	18.61	2.6	ng/ul	447591	4	17.19	3463780	20.0
Phenanthrene, 1,7...	18.99	5.1	ng/ul	876087	4	17.19	3463780	20.0
Cyclopenta(def)ph...	19.13	3.9	ng/ul	674740	4	17.19	3463780	20.0
Pyrene, 1-methyl-	19.94	2.4	ng/ul	1259860	5	21.37	10743600	20.0
11H-Benzo[b]fluorene	20.10	2.2	ng/ul	1184790	5	21.37	10743600	20.0
Pyrene, 2-methyl-	20.27	2.3	ng/ul	1206410	5	21.37	10743600	20.0
11H-Benzo[a]fluor...	20.86	2.0	ng/ul	1081400	5	21.37	10743600	20.0
Benzo[b]naphtho[2...	21.02	2.3	ng/ul	1231010	5	21.37	10743600	20.0
7H-Benz[de]anthra...	21.15	2.3	ng/ul	1254930	5	21.37	10743600	20.0
Benz[a]anthracene...	21.93	2.0	ng/ul	1080820	5	21.37	10743600	20.0