LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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	31	rVB	2250559	3058094	36.34%	3.084%
2	6.975	672	678	687	rBV	253548	431071	5.12%	0.435%
3	7.151	701	708	720	rBV	214936	351473	4.18%	0.354%
4	7.346	735	741	750	rVB	285974	476009	5.66%	0.480%
5	7.810	812	820	827	rBV	1081156	1764979	20.97%	1.780%
6	8.510	932	939	947	rBV	282219	452991	5.38%	0.457%
7	8.975	1011	1018	1026	rBV	261375	446005	5.30%	0.450%
8	9.692	1133	1140	1149	rVB	201543	346671	4.12%	0.350%
9	10.222	1223	1230	1241	rBV	343639	567310	6.74%	0.572%
10	10.604	1286	1295	1301	rBV	1413072	2422232	28.78%	2.443%
11	10.745	1312	1319	1333	rVB	251980	450195	5.35%	0.454%
12	12.486	1609	1615	1622	rBV	54324	86673	1.03%	0.087%
13	13.769	1827	1833	1838	rBV2	83666	147225	1.75%	0.148%
14	13.822	1838	1842	1844	rVV2	60213	82739	0.98%	0.083%
15	13.857	1844	1848	1853	rVV	574968	832060	9.89%	0.839%
16	13.904	1853	1856	1866	rVV	210610	305972	3.64%	0.309%
17	14.139	1890	1896	1908	rBV2	683358	1169936	13.90%	1.180%
18	14.451	1938	1949	1955	rVV2	2042234	3120013	37.07%	3.146%
19	14.516	1955	1960	1967	rVB	262164	409540	4.87%	0.413%
20	14.645	1976	1982	1994	rBV2	169727	309706	3.68%	0.312%
21	14.851	2011	2017	2024	rVV2	219089	336358	4.00%	0.339%
22	15.063	2047	2053	2058	rBV	48779	86071	1.02%	0.087%
23	15.239	2076	2083	2086	rBV2	54129	101348	1.20%	0.102%
24	15.445	2111	2118	2122	rVV	864056	1270677	15.10%	1.281%
25	15.498	2122	2127	2134	rVV	334413	539707	6.41%	0.544%
26	15.563	2134	2138	2141	rVV2	86899	123175	1.46%	0.124%
27	15.621	2145	2148	2151	rVV	68468	96632	1.15%	0.097%
28	15.663	2151	2155	2159	rVV	71375	112030	1.33%	0.113%
29	15.792	2173	2177	2183	rVB	172843	257847	3.06%	0.260%
30	15.939	2197	2202	2210	rVB	189378	361693	4.30%	0.365%
31	16.027	2210	2217	2226	rVB3	47553	102808	1.22%	0.104%
32	16.174	2232	2242	2250	rVB6	50739	106311	1.26%	0.107%
33	16.480	2286	2294	2295	rBV3	74316	134260	1.60%	0.135%
34	16.504	2295	2298	2302	rVV2	126833	186616	2.22%	0.188%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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	16.545	2302	2305	2311	rVV2	63941	106960	1.27%	0.108%
36	16.727	2328	2336	2339	rBV3	136443	250636	2.98%	0.253%
37	16.768	2339	2343	2346	rVV2	142811	210339	2.50%	0.212%
38	16.798	2346	2348	2353	rVV3	66424	103321	1.23%	0.104%
39	16.851	2353	2357	2364	rVB	209889	315450	3.75%	0.318%
40	16.921	2364	2369	2377	rBV3	141311	358164	4.26%	0.361%
41	17.016	2381	2385	2393	rVB	190124	302266	3.59%	0.305%
42	17.198	2410	2416	2419	rBV	2501911	3676793	43.69%	3.708%
43	17.239	2419	2423	2428	rVV	3840419	5204294	61.84%	5.248%
44	17.292	2428	2432	2435	rVV	951687	1367954	16.25%	1.380%
45	17.327	2435	2438	2443	rVB	1011916	1325292	15.75%	1.336%
46	17.380	2443	2447	2453	rVB4	81552	160130	1.90%	0.161%
47	17.598	2475	2484	2488	rBV2	264129	498683	5.93%	0.503%
48	17.715	2501	2504	2510	rBV2	81611	125357	1.49%	0.126%
49	17.774	2510	2514	2523	rVB5	86168	164023	1.95%	0.165%
50	18.068	2554	2564	2568	rBV	691362	1221842	14.52%	1.232%
51	18.115	2568	2572	2579	rVB	902635	1329268	15.79%	1.340%
52	18.198	2581	2586	2591	rBV	388525	550345	6.54%	0.555%
53	18.268	2591	2598	2601	rBV3	759131	1425239	16.93%	1.437%
54	18.304	2601	2604	2609	rVB	435553	586379	6.97%	0.591%
55	18.380	2613	2617	2620	rVV3	73799	123866	1.47%	0.125%
56	18.415	2620	2623	2627	rVB2	97160	119846	1.42%	0.121%
57	18.568	2645	2649	2653	rBV	396142	525217	6.24%	0.530%
58	18.615	2653	2657	2662	rVB	311707	421877	5.01%	0.425%
59	18.692	2668	2670	2676	rVB2	64389	82789	0.98%	0.083%
60	18.745	2676	2679	2683	rBV5	65811	96342	1.14%	0.097%
61	18.815	2687	2691	2695	rVV3	200131	283144	3.36%	0.286%
62	18.868	2696	2700	2703	rVV	128890	180429	2.14%	0.182%
63	18.904	2703	2706	2710	rVB	135810	168733	2.00%	0.170%
64	18.986	2715	2720	2726	rBV	339226	630181	7.49%	0.636%
65	19.051	2728	2731	2734	rBV2	111418	150760	1.79%	0.152%
66	19.127	2740	2744	2753	rVB3	311480	575206	6.83%	0.580%
67	19.251	2760	2765	2771	rVB	4977714	7018644	83.40%	7.078%
68	19.315	2773	2776	2779	rVB2	78866	97068	1.15%	0.098%
69	19.357	2779	2783	2787	rBV2	192005	294301	3.50%	0.297%
70	19.451	2794	2799	2802	rBV3	129816	232148	2.76%	0.234%
71	19.498	2804	2807	2810	rVB	110711	143275	1.70%	0.144%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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	19.586	2817	2822	2824	rBV3	2136416	3013866	35.81%	3.039%
73	19.615	2824	2827	2835	rVV	3982779	5512514	65.50%	5.559%
74	19.686	2835	2839	2846	rVB2	388388	587061	6.98%	0.592%
75	19.798	2854	2858	2863	rVB	367835	507371	6.03%	0.512%
76	19.857	2864	2868	2874	rBV	195972	291887	3.47%	0.294%
77	19.939	2877	2882	2883	rBV3	416562	636060	7.56%	0.641%
78	20.074	2900	2905	2907	rBV4	291076	494584	5.88%	0.499%
79	20.109	2908	2911	2916	rVB	725769	1019534	12.11%	1.028%
80	20.209	2924	2928	2932	rBV	374990	497106	5.91%	0.501%
81	20.268	2932	2938	2942	rVV2	551333	1003698	11.93%	1.012%
82	20.309	2942	2945	2948	rVB2	157223	157989	1.88%	0.159%
83	20.351	2949	2952	2956	rVB2	133948	161038	1.91%	0.162%
84	20.409	2958	2962	2965	rBV2	315788	401354	4.77%	0.405%
85	20.456	2967	2970	2973	rVB3	240610	287353	3.41%	0.290%
86	20.856	3034	3038	3045	rBV	576014	778864	9.25%	0.785%
87	21.027	3061	3067	3070	rBV2	373673	685487	8.15%	0.691%
88	21.062	3070	3073	3076	rBV	447769	591087	7.02%	0.596%
89	21.156	3085	3089	3096	rVB	621322	914048	10.86%	0.922%
90	21.368	3120	3125	3130	rBV3	4217623	8415970	100.00%	8.487%
91	21.415	3130	3133	3143	rVB	2542631	3435733	40.82%	3.465%
92	21.533	3149	3153	3159	rBV3	309505	545607	6.48%	0.550%
93	21.933	3218	3221	3225	rVB	515488	651484	7.74%	0.657%
94	22.974	3392	3398	3404	rBV	1754032	4558340	54.16%	4.597%
95	23.150	3425	3428	3434	rVB	395969	609361	7.24%	0.615%
96	23.468	3477	3482	3486	rBV	841815	1467253	17.43%	1.480%
97	23.515	3487	3490	3494	rVV2	657034	1222967	14.53%	1.233%
98	23.562	3494	3498	3506	rVB	1548332	2962714	35.20%	2.988%
99	23.668	3509	3516	3521	rBV	2169573	4219459	50.14%	4.255%
100	25.980	3903	3909	3921	rVB2	730229	2059781	24.47%	2.077%

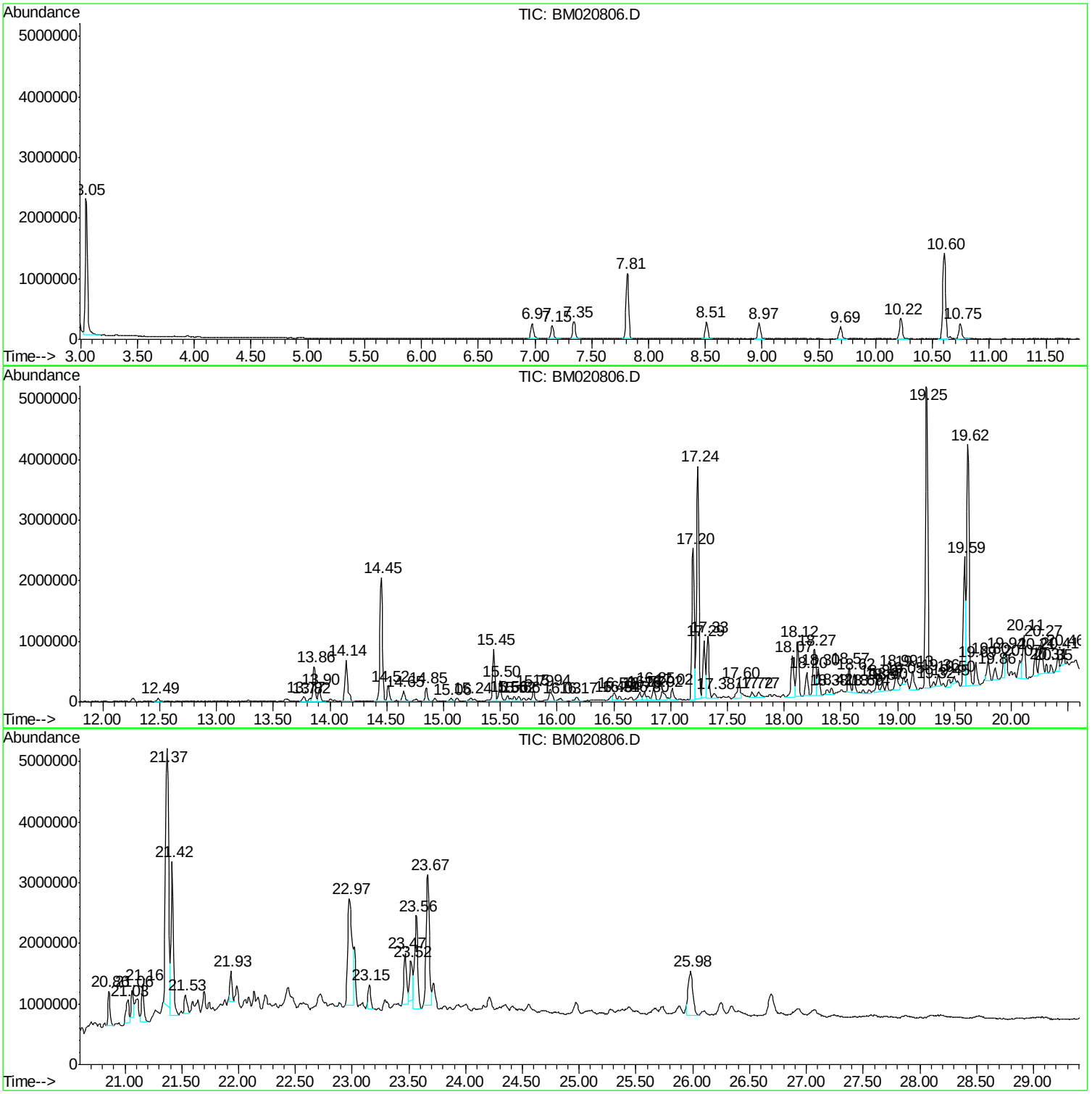
Sum of corrected areas: 99162558

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

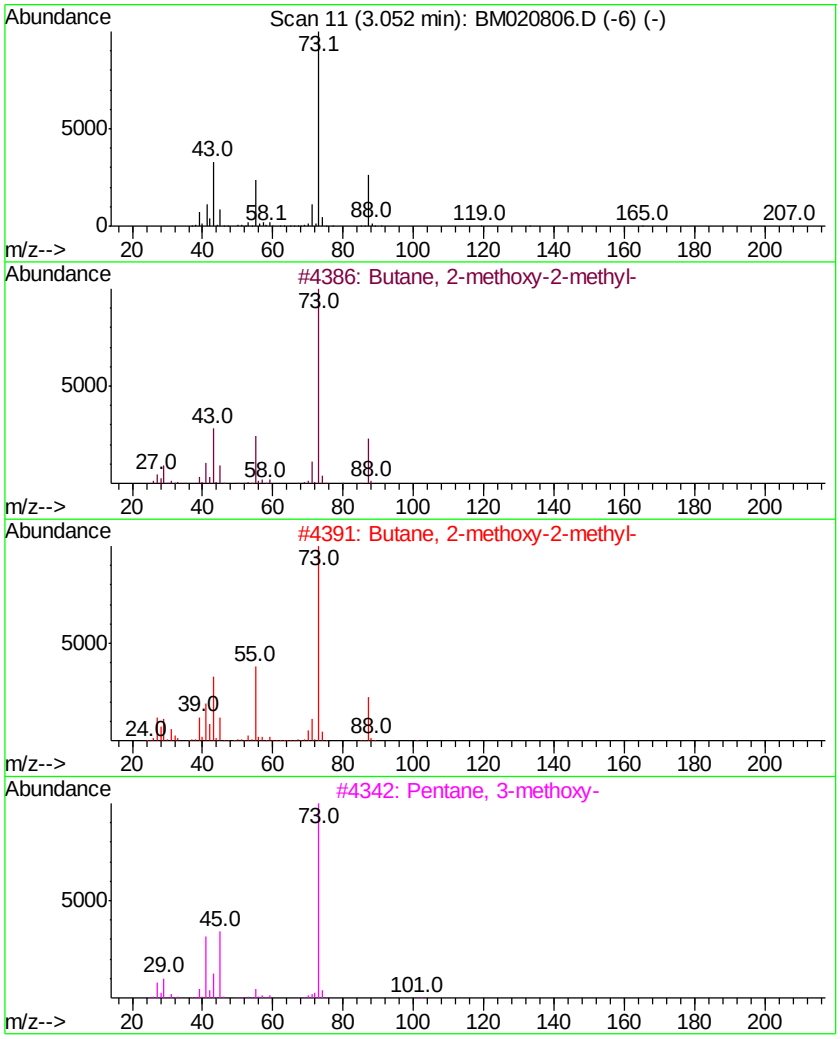
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

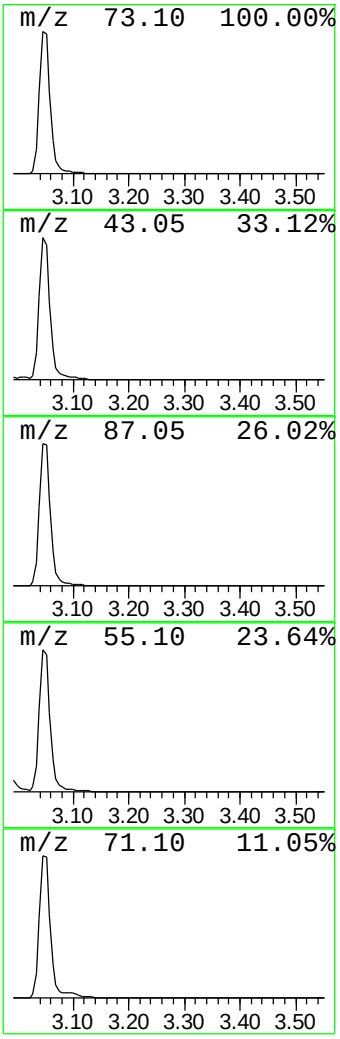
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	34.65 ng/ul	3058090	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

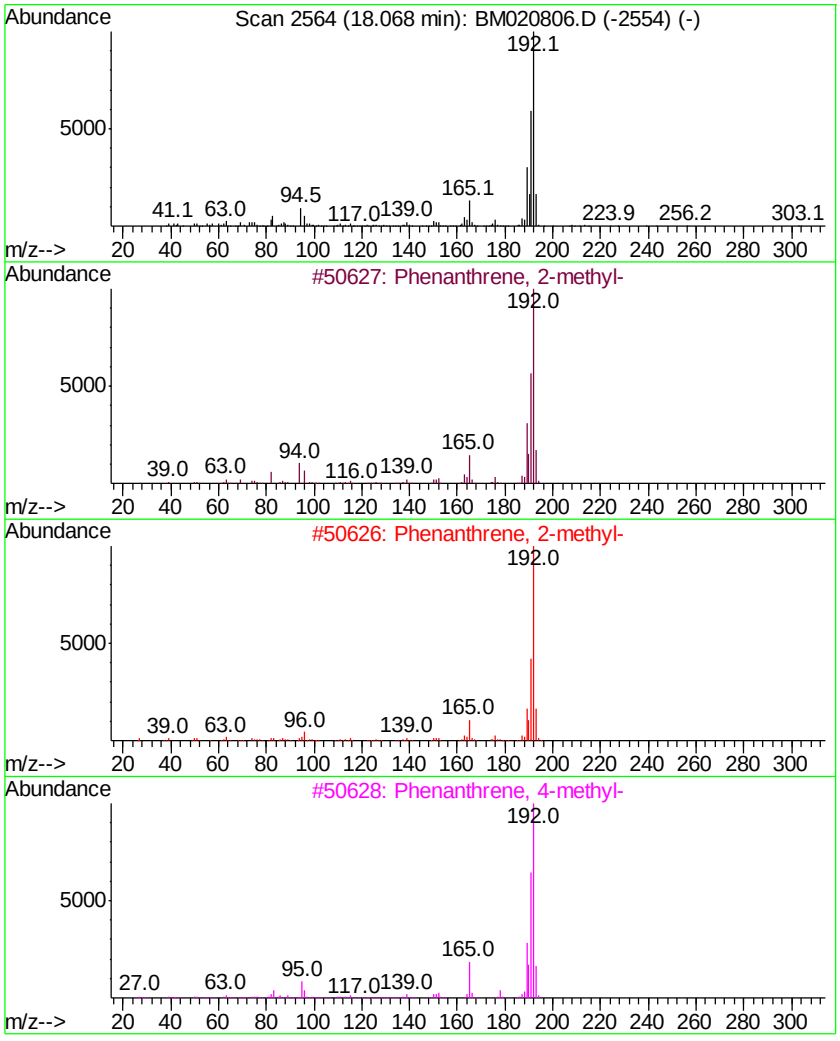
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

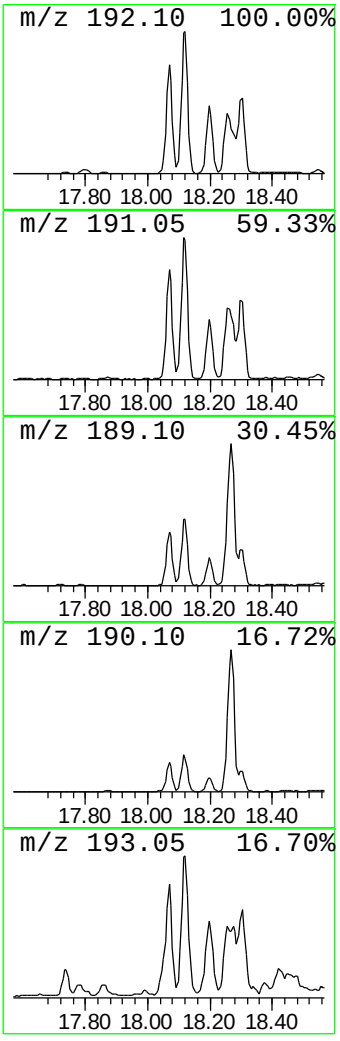
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	6.65 ng/ul	1221840	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

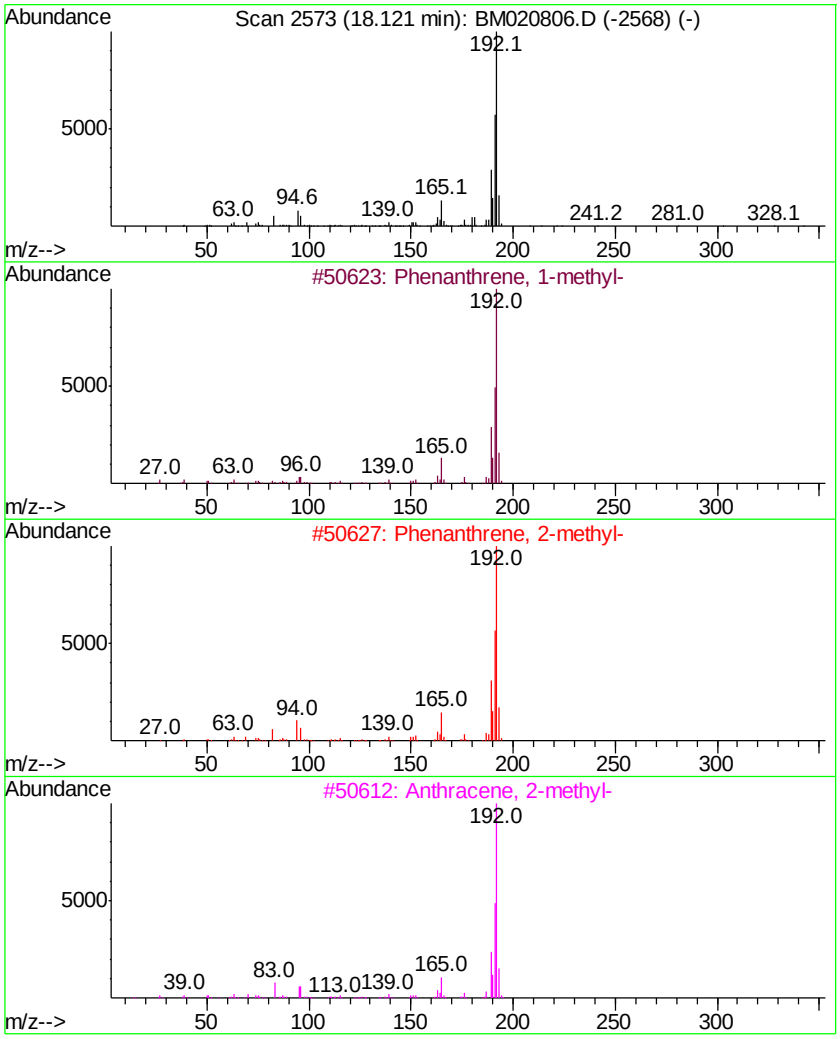
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

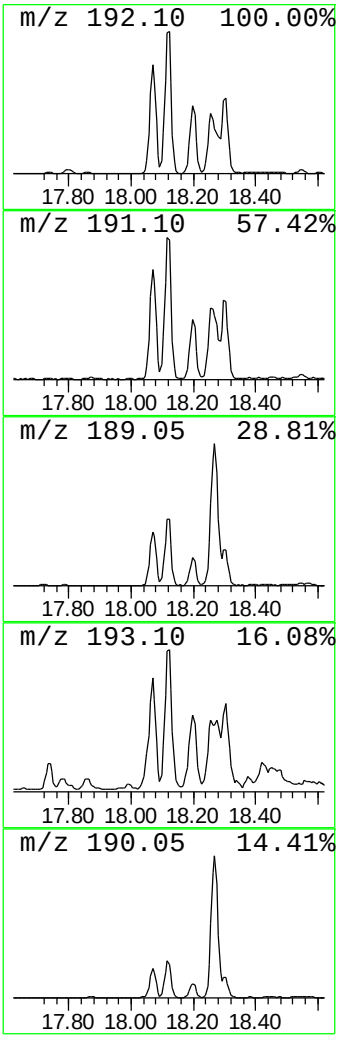
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	7.23 ng/ul	1329270	Phenanthrene-d10	17.20

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	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

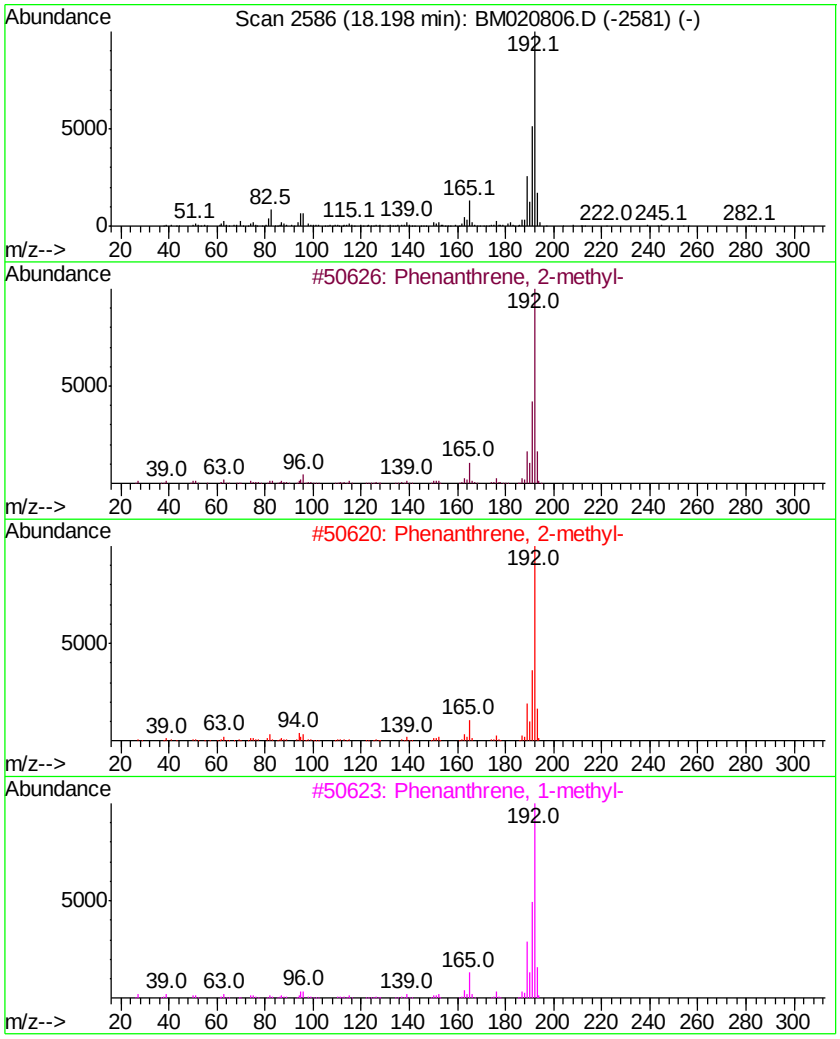
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

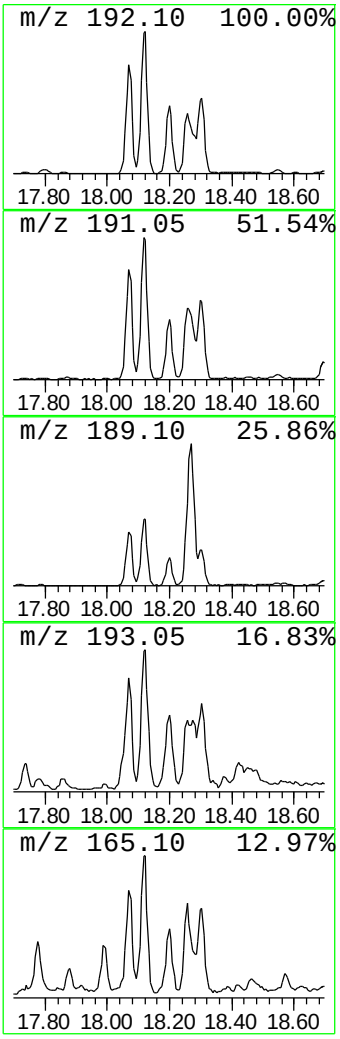
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.99 ng/ul	550345	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

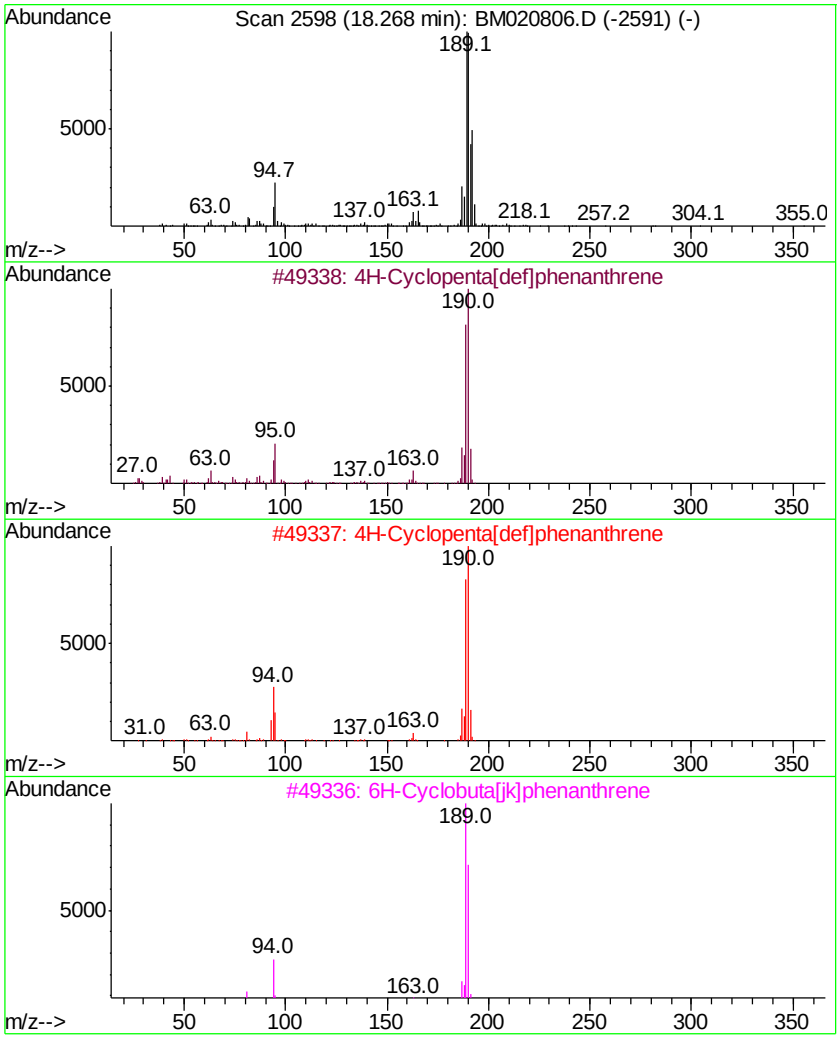
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

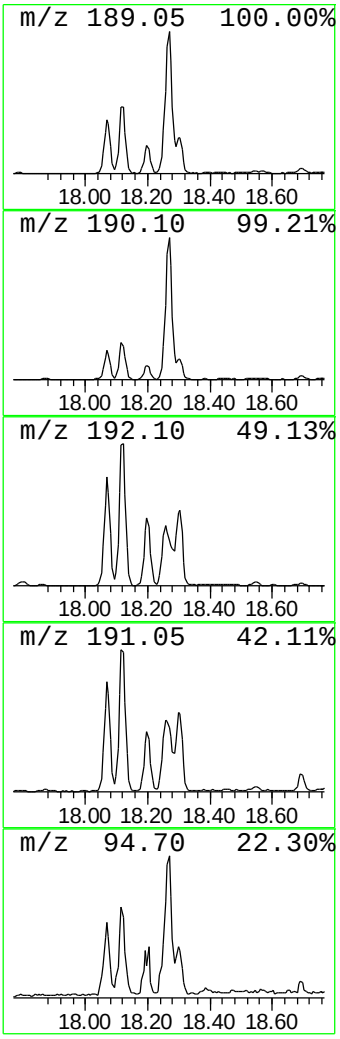
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	7.75 ng/ul	1425240	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

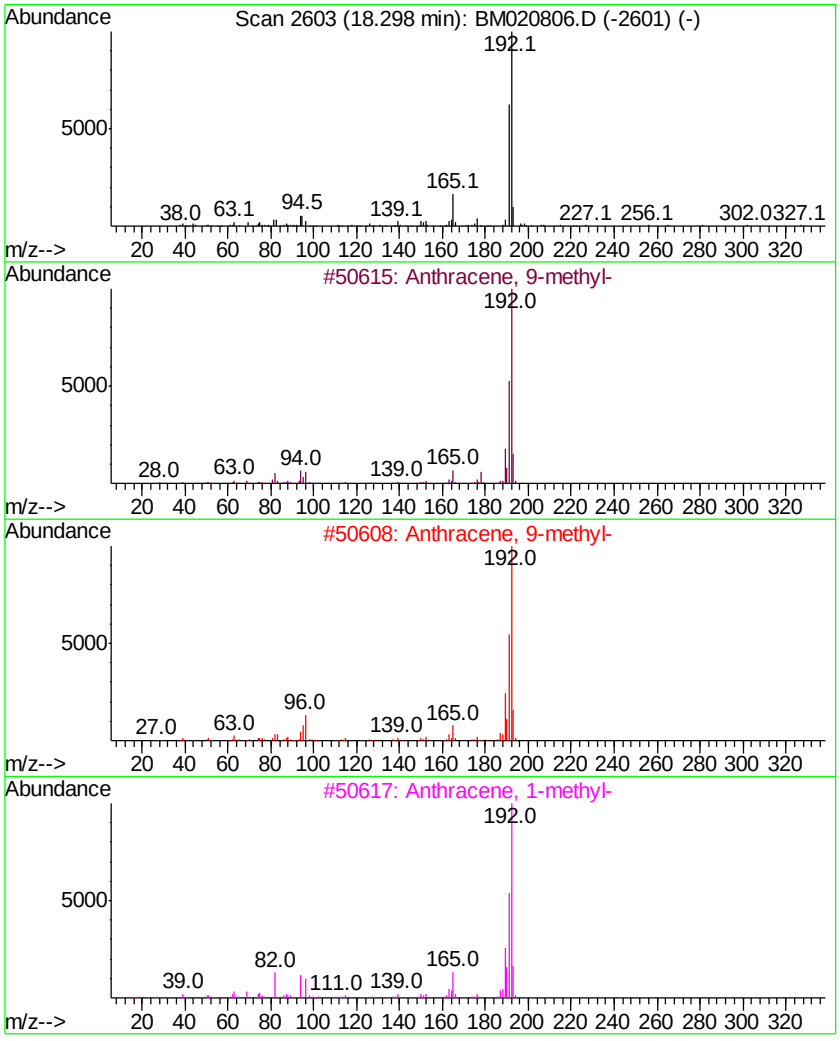
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

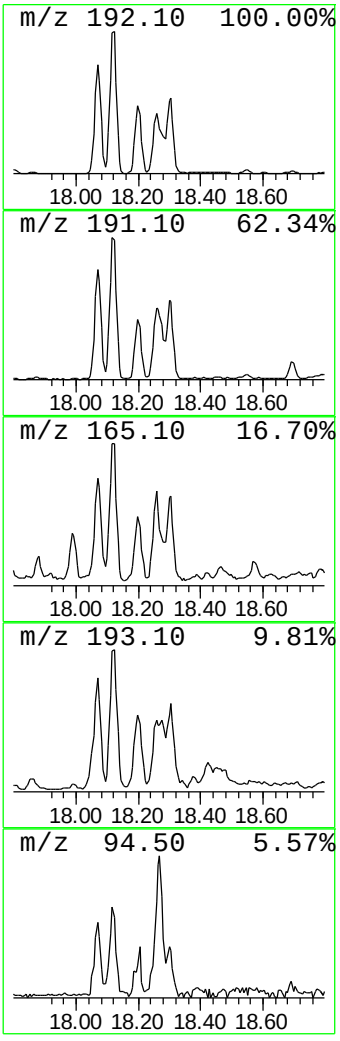
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.19 ng/ul	586379	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

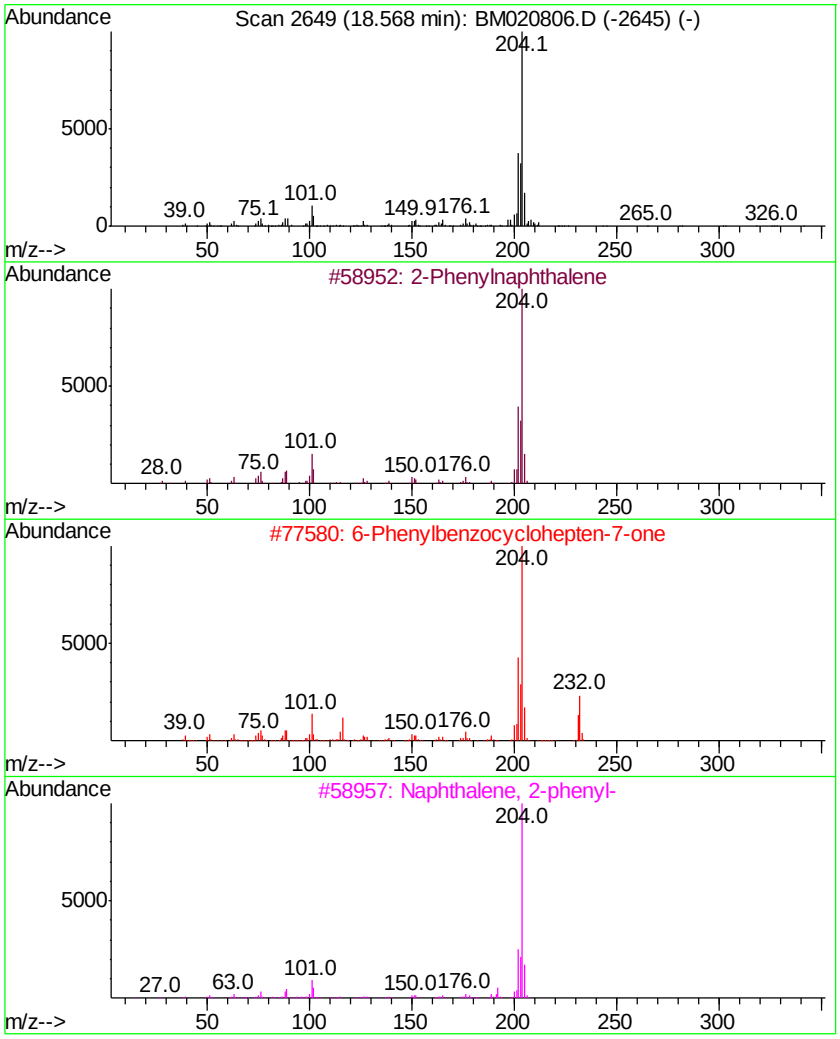
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

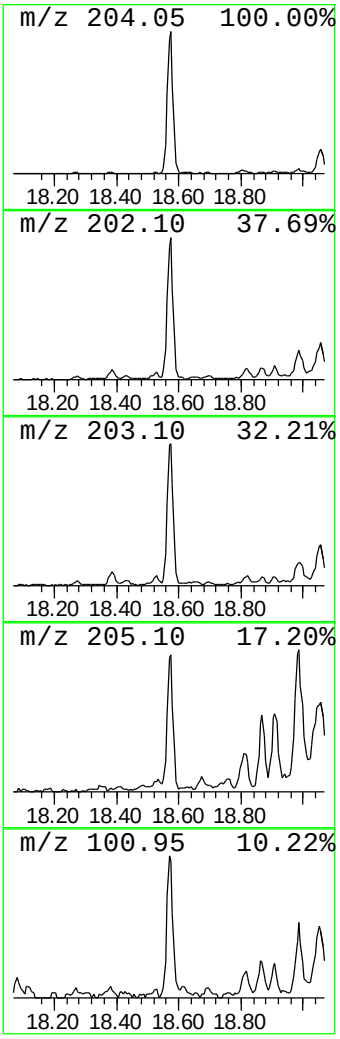
****

Peak Number 7 2-Phenylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.86 ng/ul	525217	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

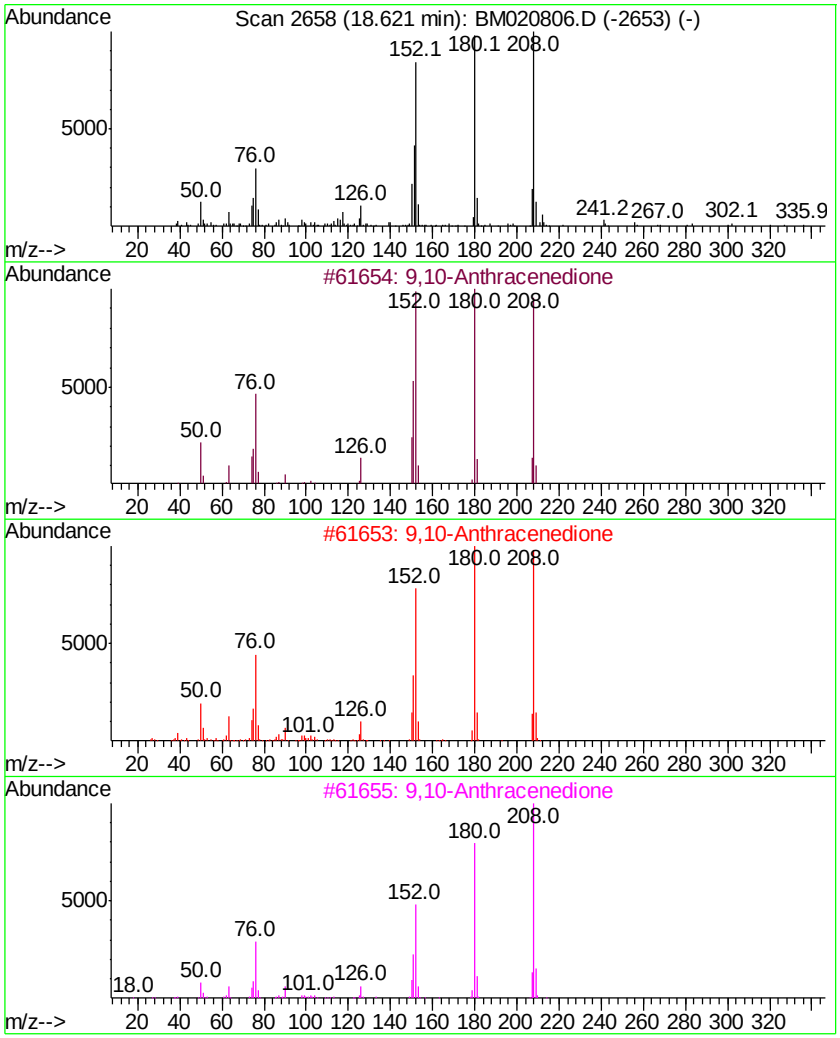
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

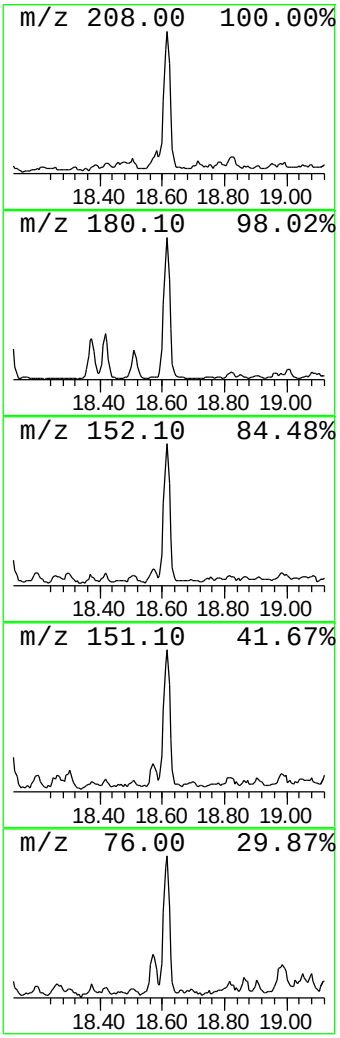
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.29 ng/ul	421877	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

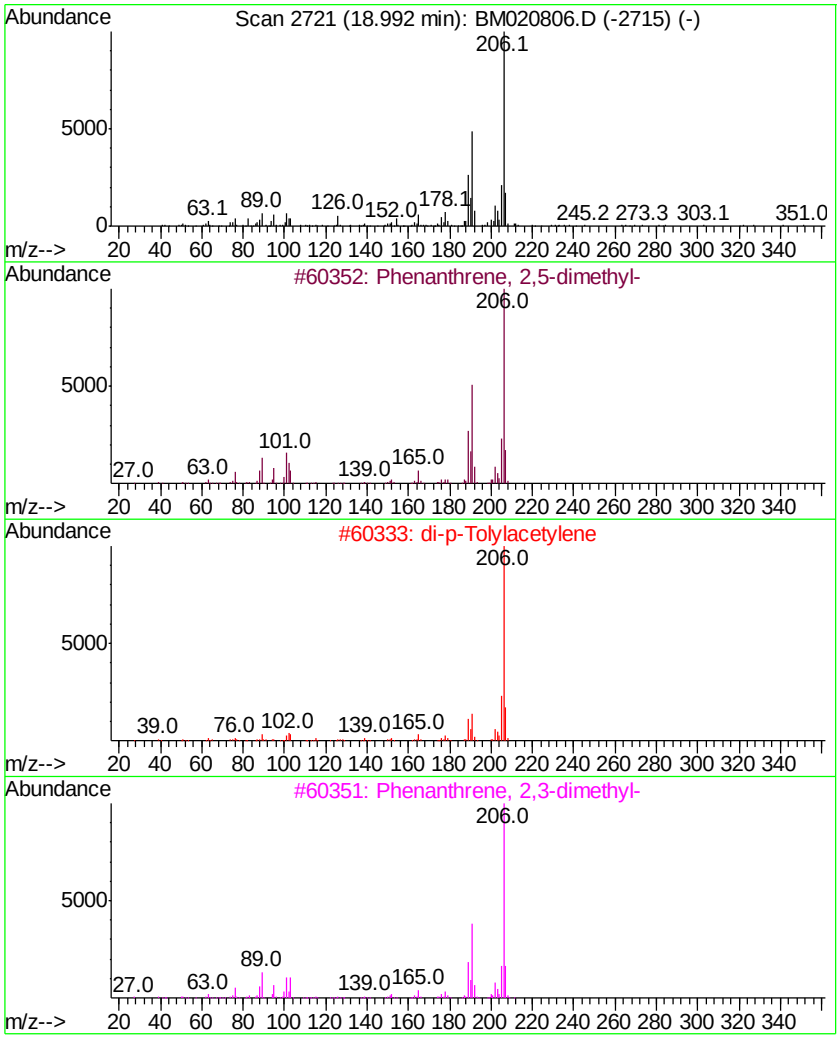
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

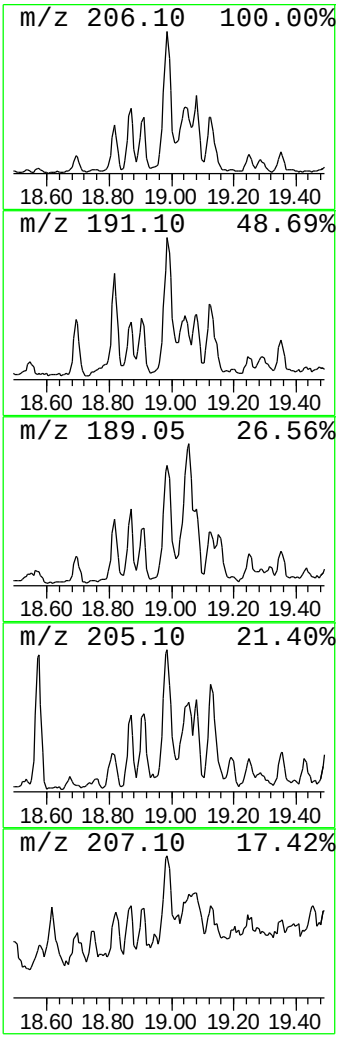
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.43 ng/ul	630181	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	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

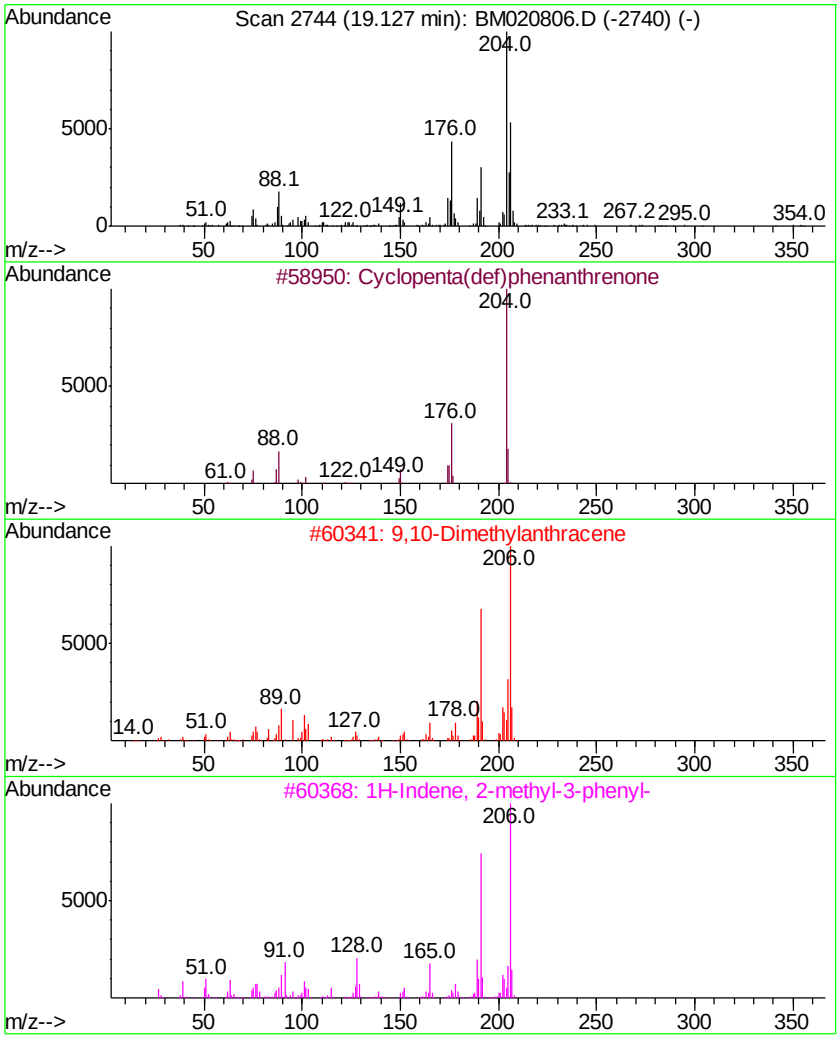
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

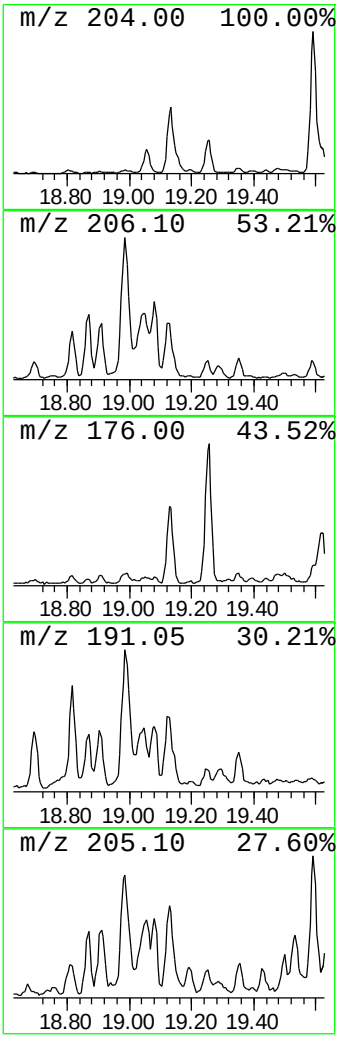
****

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.13 ng/ul	575206	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
5	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

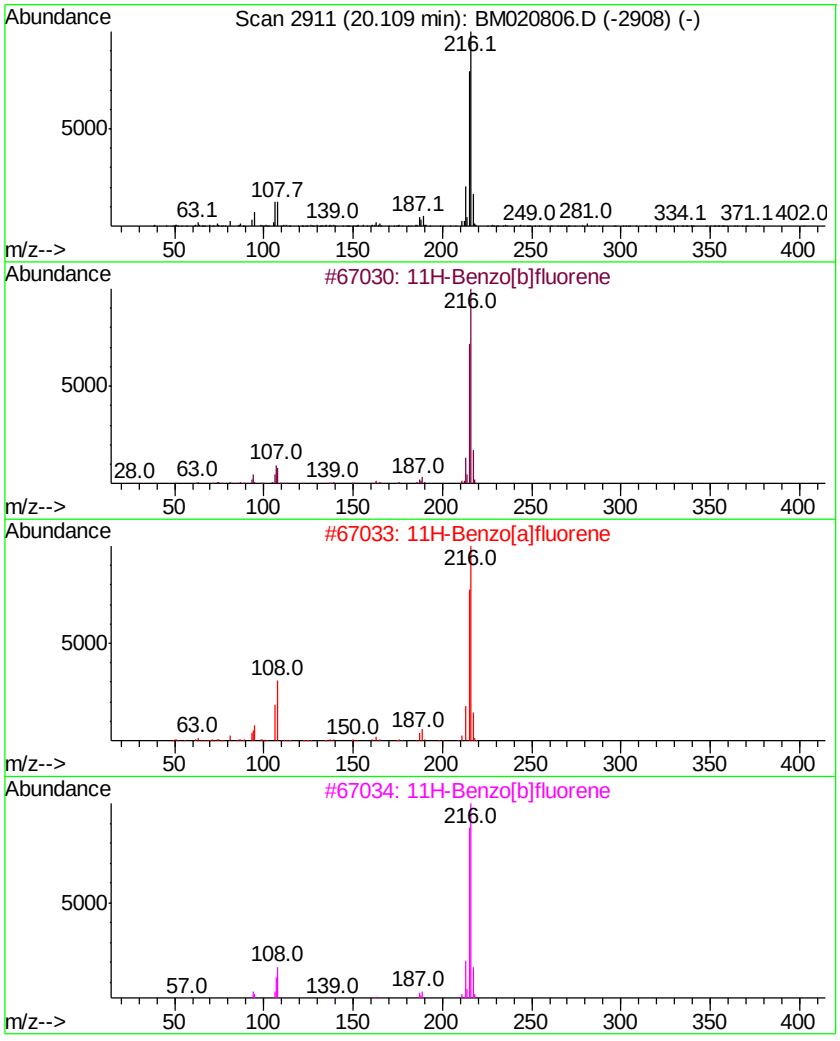
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

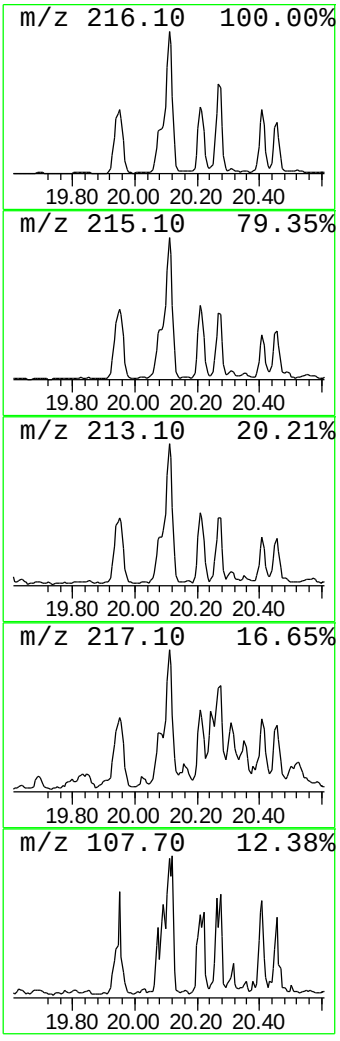
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.42 ng/ul	1019530	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

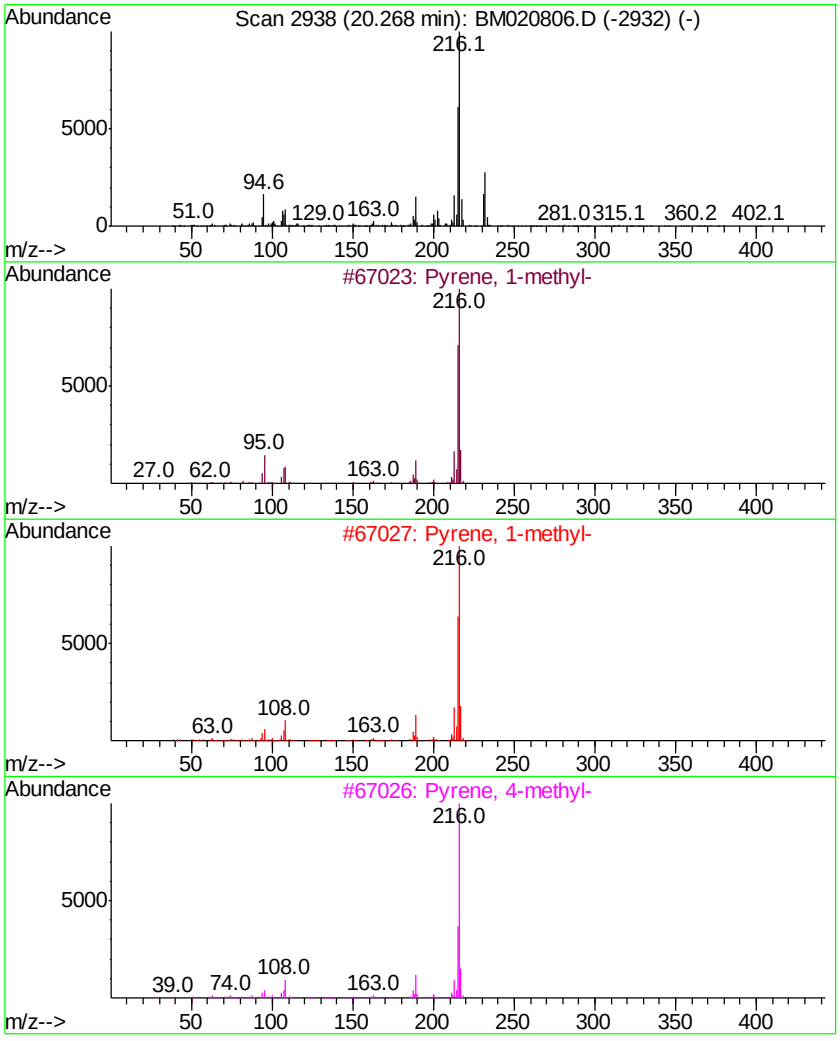
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

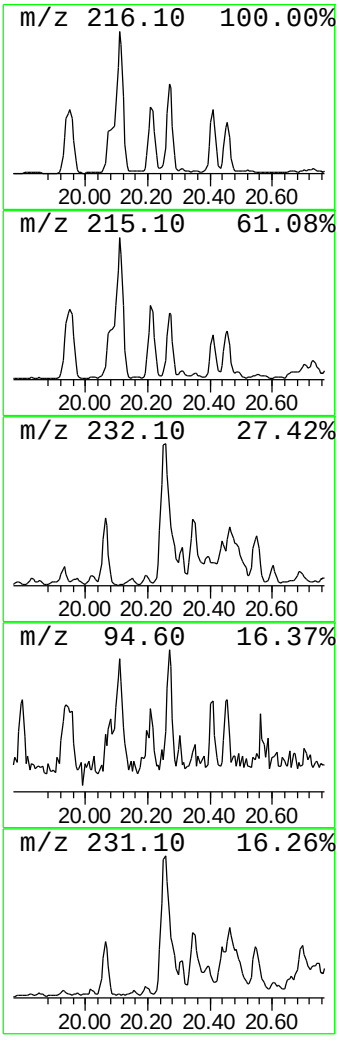
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.39 ng/ul	1003700	Chrysene-d12	21.38

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, 4-methyl-	216	C17H12	003353-12-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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

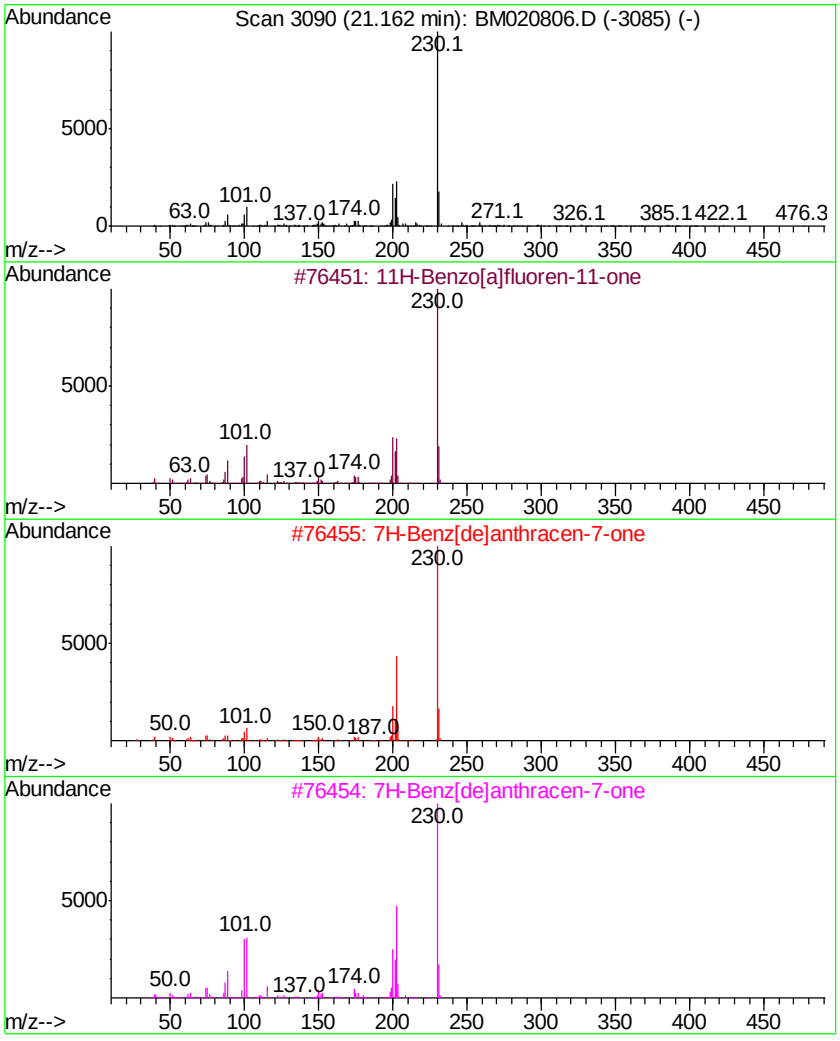
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

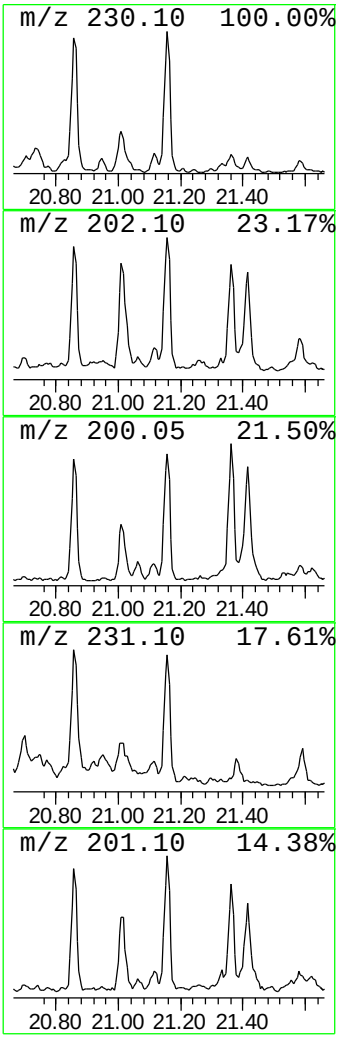
****

Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.17 ng/ul	914048	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
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	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020806.D
Acq On : 07 Jun 2019 16:26
Operator : HP/JU
Sample : K3201-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1DL

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	34.6	ng/ul	3058090	1	7.82	1764980	20.0
Phenanthrene, 2-m...	18.07	6.7	ng/ul	1221840	4	17.20	3676790	20.0
Phenanthrene, 1-m...	18.12	7.2	ng/ul	1329270	4	17.20	3676790	20.0
1H-Cyclopropa[l]p...	18.20	3.0	ng/ul	550345	4	17.20	3676790	20.0
4H-Cyclopenta[def...	18.27	7.8	ng/ul	1425240	4	17.20	3676790	20.0
Anthracene, 9-met...	18.30	3.2	ng/ul	586379	4	17.20	3676790	20.0
2-Phenylnaphthalene	18.57	2.9	ng/ul	525217	4	17.20	3676790	20.0
9,10-Anthracenedione	18.62	2.3	ng/ul	421877	4	17.20	3676790	20.0
Phenanthrene, 2,5...	18.99	3.4	ng/ul	630181	4	17.20	3676790	20.0
Cyclopenta(def)ph...	19.13	3.1	ng/ul	575206	4	17.20	3676790	20.0
11H-Benzo[b]fluorene	20.11	2.4	ng/ul	1019530	5	21.38	8415970	20.0
Pyrene, 1-methyl-	20.27	2.4	ng/ul	1003700	5	21.38	8415970	20.0
11H-Benzo[a]fluor...	21.16	2.2	ng/ul	914048	5	21.38	8415970	20.0