LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

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-BM051619MA.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	6.857	652	658	667	rVB	144321	259026	11.70%	1.078%
2	7.022	681	686	700	rVB	116561	204200	9.22%	0.850%
3	7.210	712	718	730	rVB	171975	285422	12.89%	1.188%
4	7.675	791	797	810	rVB	243764	408298	18.44%	1.699%
5	8.392	913	919	927	rBV	168899	278873	12.60%	1.160%
6	8.845	990	996	1011	rBB	139910	252283	11.40%	1.050%
7	9.563	1112	1118	1130	rVB2	124702	214554	9.69%	0.893%
8	10.098	1203	1209	1218	rBV	177296	307466	13.89%	1.279%
9	10.469	1266	1272	1278	rBV	320016	514896	23.26%	2.142%
10	10.522	1278	1281	1285	rVB2	9692	12320	0.56%	0.051%
11	10.628	1293	1299	1308	rBV	52986	104640	4.73%	0.435%
12	11.545	1452	1455	1462	rBV5	6480	15368	0.69%	0.064%
13	12.004	1528	1533	1541	rBV	64028	103645	4.68%	0.431%
14	12.139	1551	1556	1565	rVB2	5536	9589	0.43%	0.040%
15	12.363	1589	1594	1598	rVB	6994	9724	0.44%	0.040%
16	13.651	1808	1813	1819	rBV2	11993	18740	0.85%	0.078%
17	13.751	1824	1830	1834	rVV	358585	487529	22.02%	2.029%
18	13.798	1834	1838	1849	rVB	96108	136432	6.16%	0.568%
19	13.892	1849	1854	1857	rBV	5328	7686	0.35%	0.032%
20	14.027	1871	1877	1893	rBV	366993	613617	27.72%	2.553%
21	14.216	1902	1909	1918	rVB3	11246	22264	1.01%	0.093%
22	14.339	1924	1930	1936	rBV2	462816	706888	31.93%	2.941%
23	14.404	1936	1941	1946	rVB	27382	37100	1.68%	0.154%
24	14.574	1961	1970	1981	rBV	47420	97260	4.39%	0.405%
25	14.739	1992	1998	2006	rVB3	30495	52810	2.39%	0.220%
26	14.810	2006	2010	2014	rBV2	9461	12296	0.56%	0.051%
27	14.951	2027	2034	2040	rBV4	8022	15169	0.69%	0.063%
28	15.010	2040	2044	2048	rVB2	6898	8577	0.39%	0.036%
29	15.121	2057	2063	2067	rBV3	5425	10412	0.47%	0.043%
30	15.168	2067	2071	2075	rVV4	5897	8766	0.40%	0.036%
31	15.333	2093	2099	2105	rVV	504548	710193	32.08%	2.955%
32	15.392	2105	2109	2119	rVV	49165	83790	3.78%	0.349%
33	15.480	2119	2124	2132	rVV2	62187	89872	4.06%	0.374%
34	15.574	2132	2140	2142	rVV5	5891	15961	0.72%	0.066%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

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-BM051619MA.M
Title : SVOA CALIBRATION

35	15.598	2142	2144	2149	rVV2	5706	8088	0.37%	0.034%
36	15.680	2154	2158	2164	rVV	17997	29896	1.35%	0.124%
37	15.833	2179	2184	2192	rVB2	18504	36946	1.67%	0.154%
38	16.039	2214	2219	2220	rBV2	7395	8791	0.40%	0.037%
39	16.057	2220	2222	2227	rVB4	6869	9813	0.44%	0.041%
40	16.398	2272	2280	2284	rVV5	19641	40351	1.82%	0.168%
41	16.445	2284	2288	2292	rVB3	12495	18507	0.84%	0.077%
42	16.539	2301	2304	2309	rVB3	9165	13183	0.60%	0.055%
43	16.615	2313	2317	2320	rVV3	15564	21146	0.96%	0.088%
44	16.663	2321	2325	2328	rVV4	15836	24620	1.11%	0.102%
45	16.686	2328	2329	2334	rVV2	6427	8244	0.37%	0.034%
46	16.751	2334	2340	2345	rVV3	25017	38551	1.74%	0.160%
47	16.821	2347	2352	2358	rVV4	17217	38975	1.76%	0.162%
48	16.910	2363	2367	2375	rVB2	26341	37780	1.71%	0.157%
49	17.092	2392	2398	2402	rBV	631812	926537	41.85%	3.855%
50	17.133	2402	2405	2410	rVV	574540	763624	34.49%	3.177%
51	17.192	2410	2415	2418	rVV	523667	738049	33.34%	3.071%
52	17.227	2418	2421	2425	rVB	138042	179730	8.12%	0.748%
53	17.292	2430	2432	2436	rVB3	12697	14676	0.66%	0.061%
54	17.504	2459	2468	2475	rBV3	34317	77235	3.49%	0.321%
55	17.568	2475	2479	2483	rVB6	8634	14342	0.65%	0.060%
56	17.610	2483	2486	2492	rBV	16110	26501	1.20%	0.110%
57	17.674	2492	2497	2506	rVB5	20304	38188	1.73%	0.159%
58	17.809	2517	2520	2529	rVB3	12074	24435	1.10%	0.102%
59	17.892	2529	2534	2538	rBV3	7843	14067	0.64%	0.059%
60	17.968	2541	2547	2551	rBV	130095	204945	9.26%	0.853%
61	18.015	2551	2555	2559	rVV	136869	198448	8.96%	0.826%
62	18.098	2564	2569	2574	rVB	44846	61287	2.77%	0.255%
63	18.162	2574	2580	2584	rBV2	157948	292275	13.20%	1.216%
64	18.198	2584	2586	2593	rVB	77741	93969	4.24%	0.391%
65	18.280	2593	2600	2604	rBV7	11305	20735	0.94%	0.086%
66	18.327	2604	2608	2611	rBV6	9432	12092	0.55%	0.050%
67	18.362	2611	2614	2619	rVB3	8524	9323	0.42%	0.039%
68	18.468	2627	2632	2637	rVV	75621	104252	4.71%	0.434%
69	18.521	2637	2641	2648	rVB2	52456	76892	3.47%	0.320%
70	18.715	2671	2674	2679	rVV4	27593	43502	1.97%	0.181%
71	18.768	2679	2683	2686	rVV	37086	45087	2.04%	0.188%

LSC Area Percent Report

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Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

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-BM051619MA.M
Title : SVOA CALIBRATION

72	18.804	2686	2689	2693	rVB2	27950	33493	1.51%	0.139%
73	18.886	2698	2703	2707	rBV	83955	138995	6.28%	0.578%
74	18.980	2717	2719	2722	rVB2	32275	34942	1.58%	0.145%
75	19.039	2723	2729	2738	rBV3	68332	143590	6.49%	0.597%
76	19.156	2743	2749	2755	rBV	1317198	1646508	74.38%	6.851%
77	19.215	2756	2759	2762	rBV	24444	29112	1.32%	0.121%
78	19.256	2762	2766	2771	rBV	35633	45424	2.05%	0.189%
79	19.309	2771	2775	2779	rBV	53585	79588	3.60%	0.331%
80	19.492	2801	2806	2809	rBV2	861297	1345956	60.80%	5.600%
81	19.521	2809	2811	2818	rVV	1022756	1252277	56.57%	5.211%
82	19.592	2820	2823	2831	rVB2	93485	149394	6.75%	0.622%
83	19.703	2838	2842	2847	rVB	69963	99590	4.50%	0.414%
84	19.845	2861	2866	2873	rBV4	94042	219329	9.91%	0.913%
85	20.015	2892	2895	2900	rVB	176339	232871	10.52%	0.969%
86	20.115	2909	2912	2915	rBV	96522	122479	5.53%	0.510%
87	20.174	2917	2922	2926	rVV2	138418	242818	10.97%	1.010%
88	20.315	2943	2946	2950	rBV	69665	76750	3.47%	0.319%
89	20.362	2950	2954	2958	rBV2	88823	121912	5.51%	0.507%
90	20.768	3020	3023	3029	rVB	130117	175327	7.92%	0.730%
91	20.933	3048	3051	3054	rBV2	87733	109449	4.94%	0.455%
92	20.974	3054	3058	3062	rBV2	210581	333967	15.09%	1.390%
93	21.068	3072	3074	3078	rVB	140841	146820	6.63%	0.611%
94	21.286	3104	3111	3115	rBV2	1100275	2213788	100.00%	9.211%
95	21.321	3115	3117	3126	rVB	603151	716972	32.39%	2.983%
96	22.862	3374	3379	3383	rBV	473936	1010290	45.64%	4.204%
97	23.339	3457	3460	3464	rBV	207223	336390	15.20%	1.400%
98	23.391	3465	3469	3474	rVV2	455390	806928	36.45%	3.358%
99	23.439	3474	3477	3485	rVB	449007	736318	33.26%	3.064%
100	23.539	3489	3494	3499	rBV	564517	1000858	45.21%	4.165%

Sum of corrected areas: 24032883

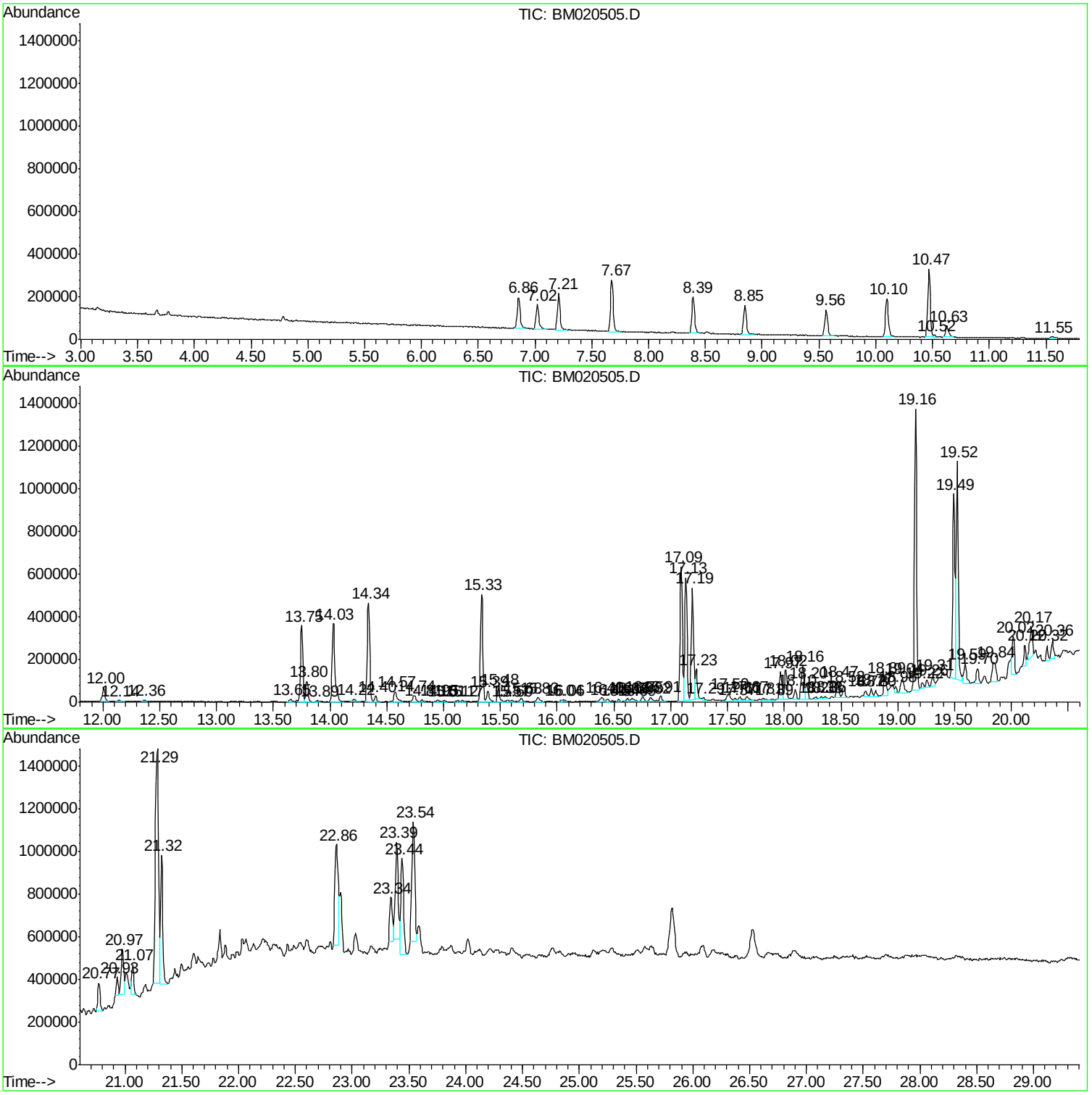
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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\BM052219\
Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

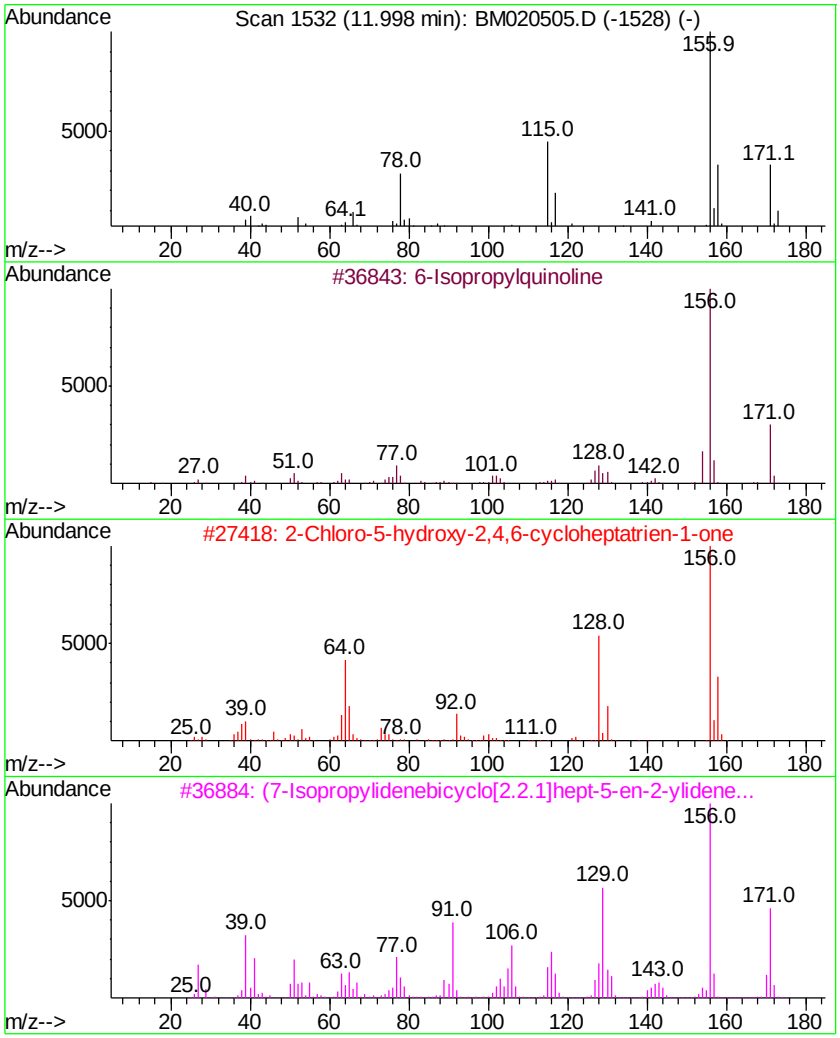
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

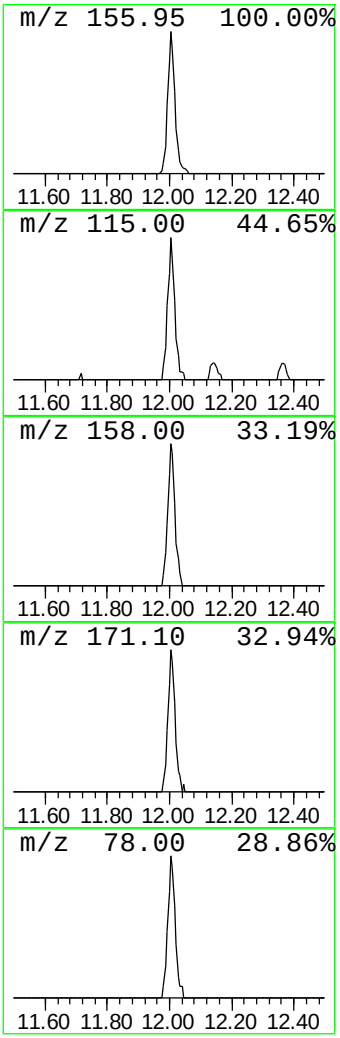
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.03 ng/ul	103645	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
2	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	38
3	(7-Isopropylidenebicyclo[2.2.1]h...	171	C12H13N	1000211-01-9	37
4	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
5	4,4'-Bipyridine	156	C10H8N2	000553-26-4	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

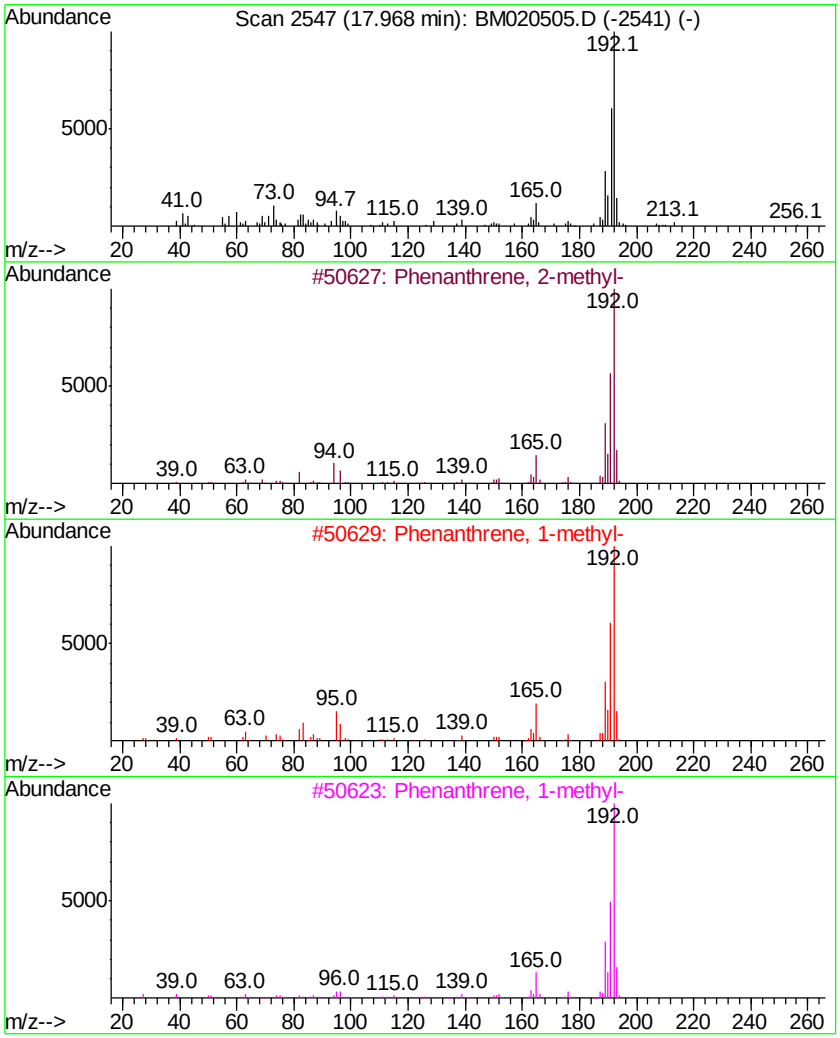
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

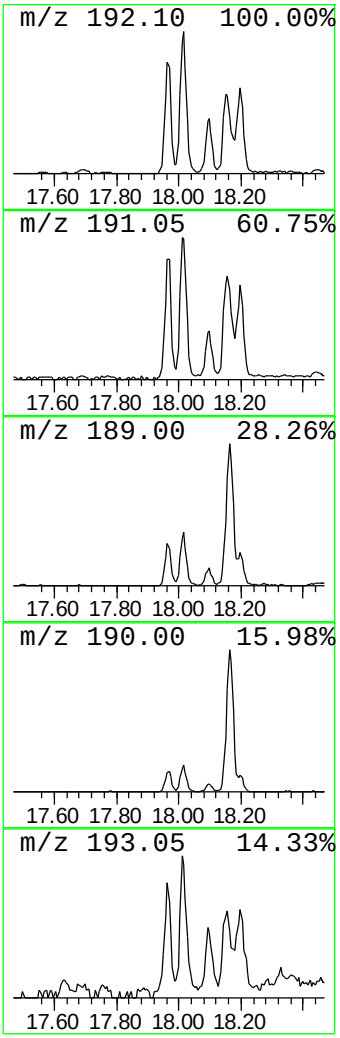
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.42 ng/ul	204945	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

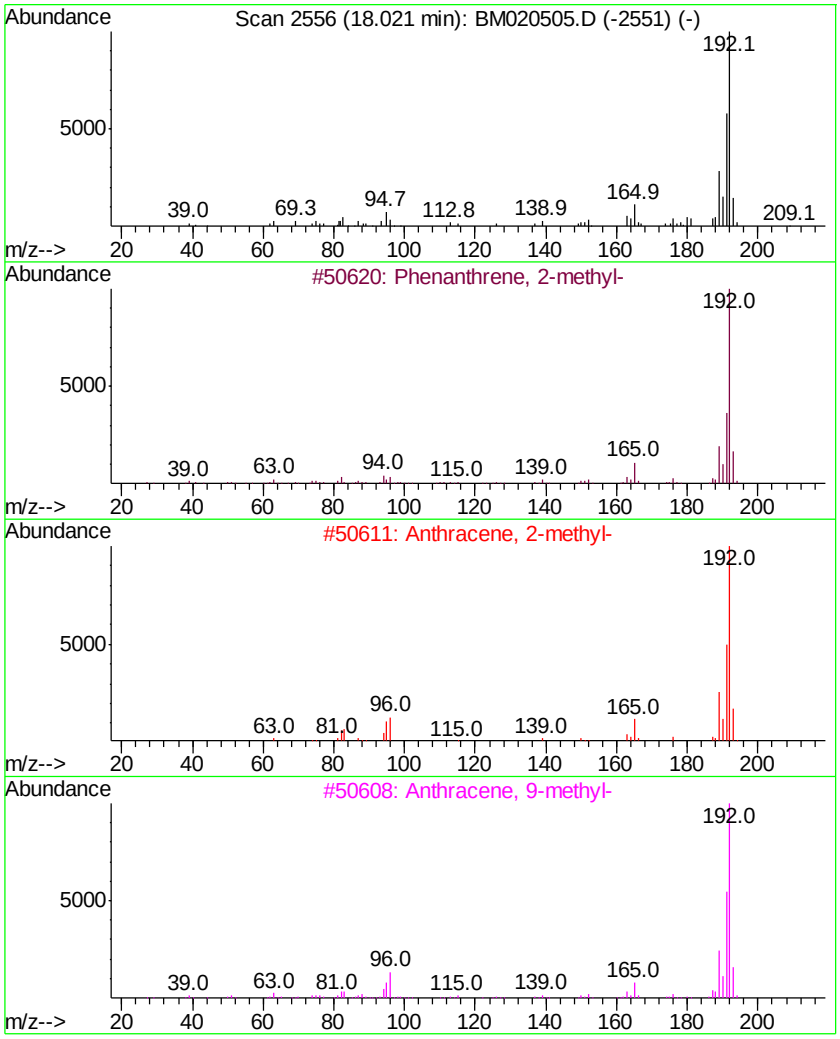
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

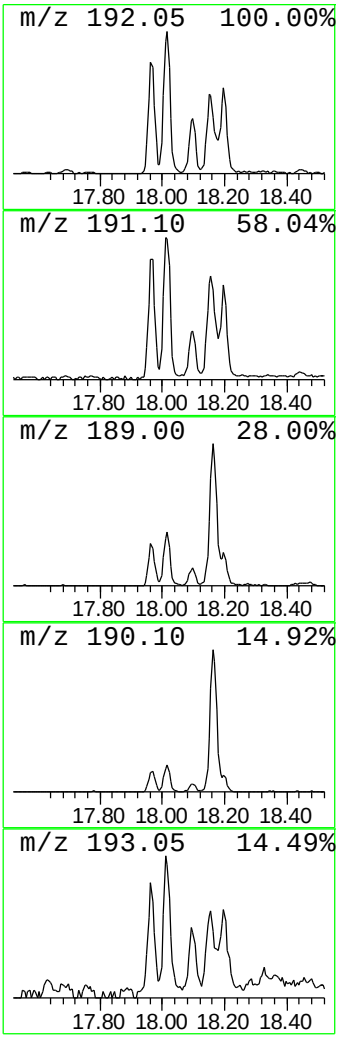
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	4.28 ng/ul	198448	Phenanthrene-d10	17.09

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

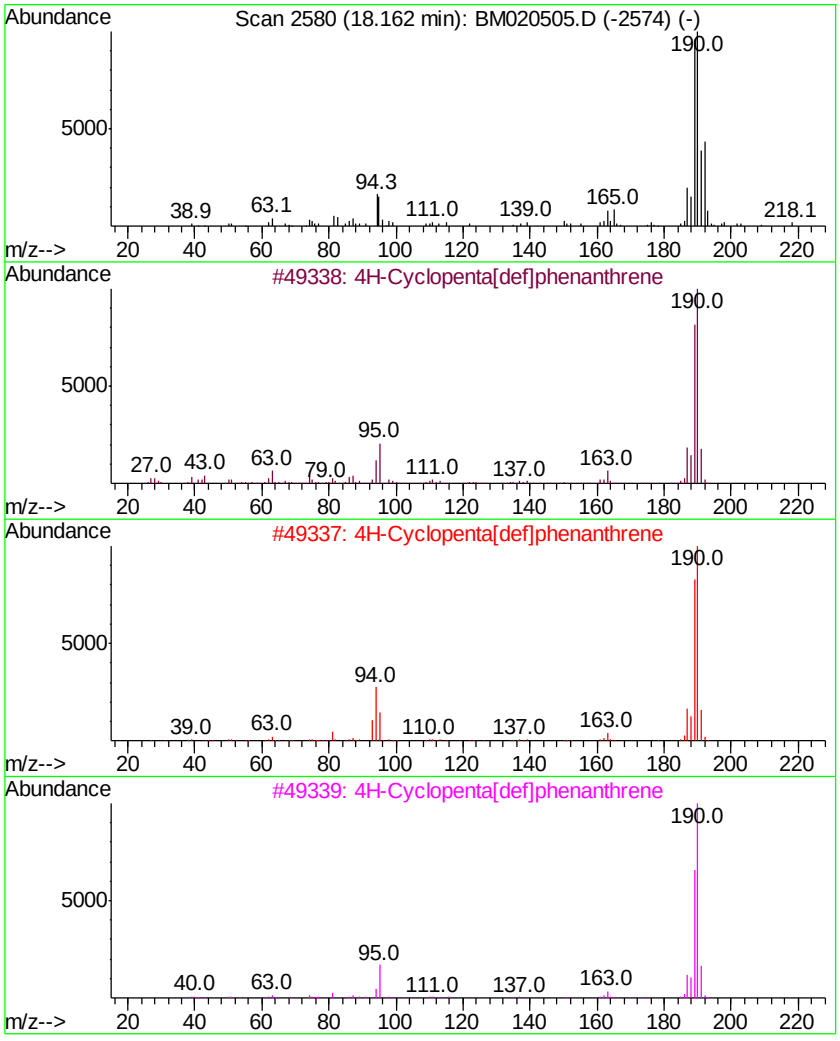
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

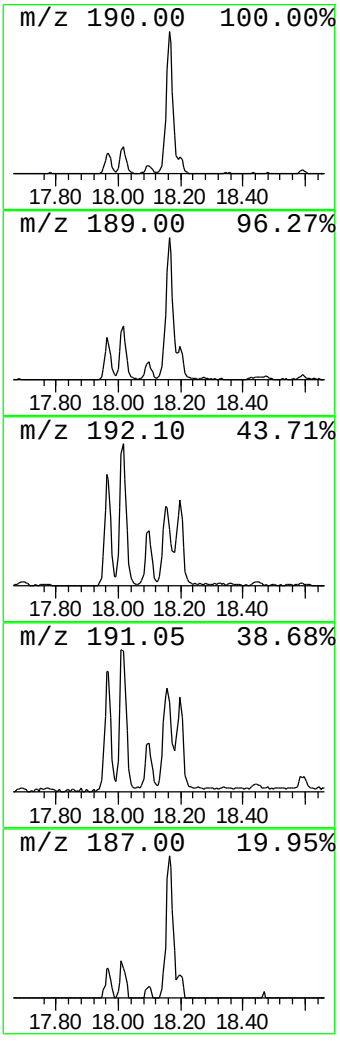
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	6.31 ng/ul	292275	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

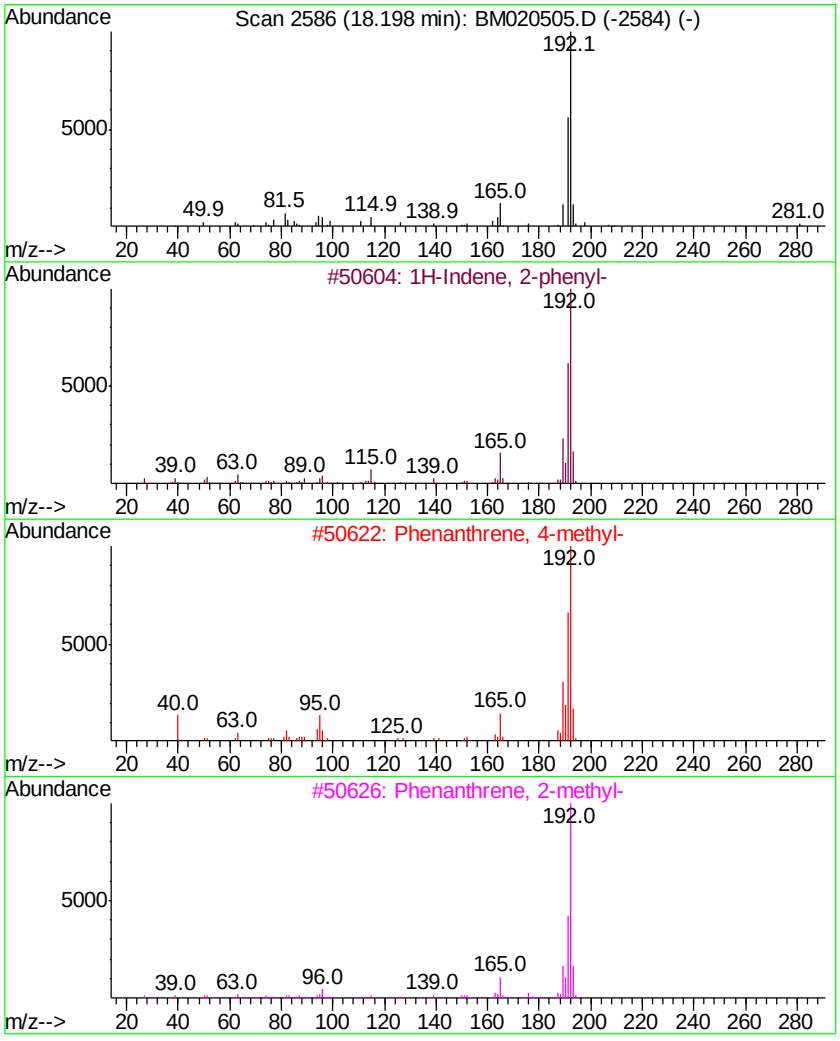
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

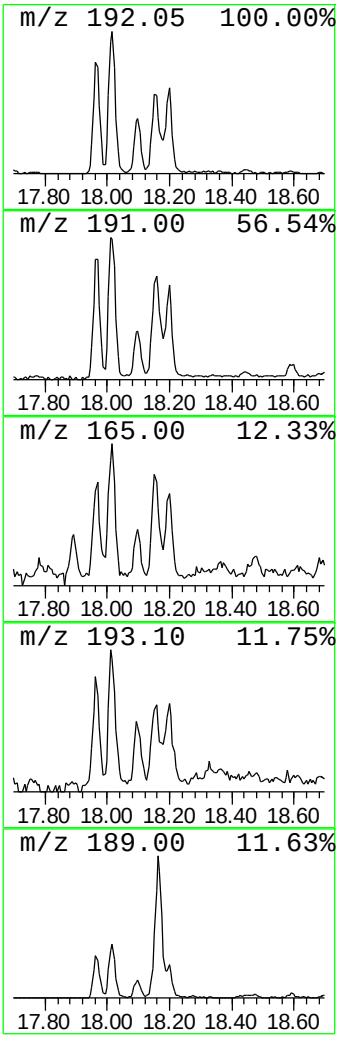
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.03 ng/ul	93969	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72





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Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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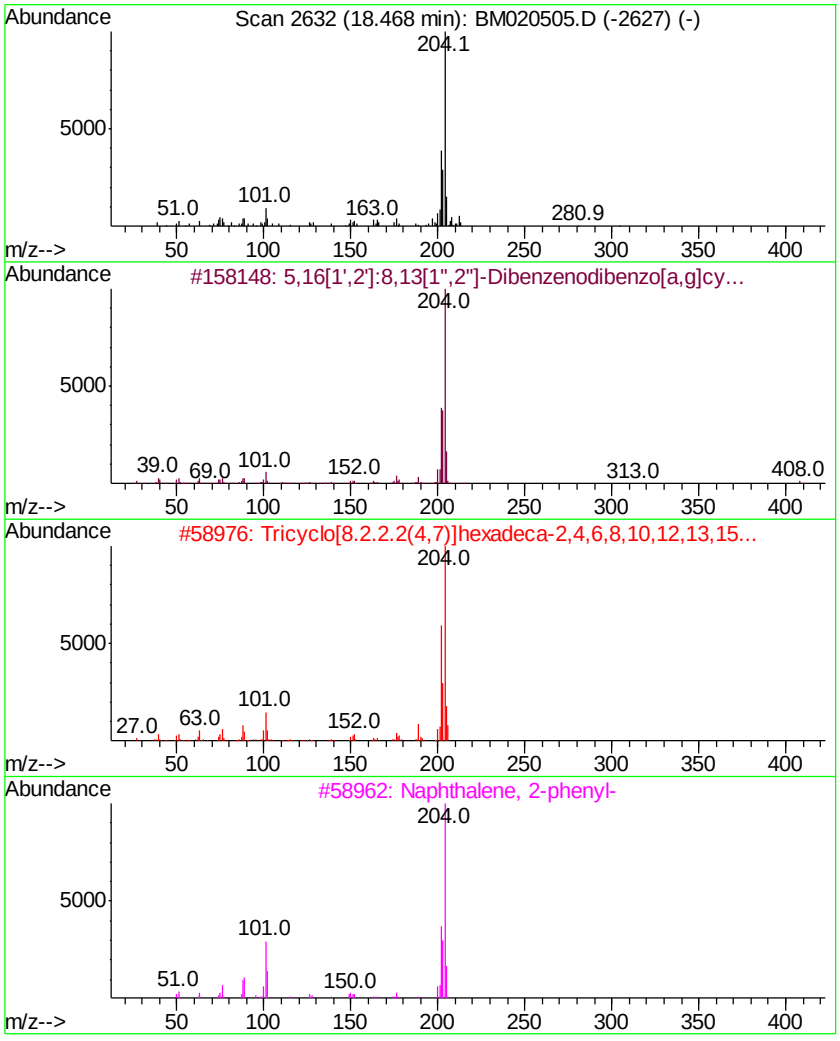
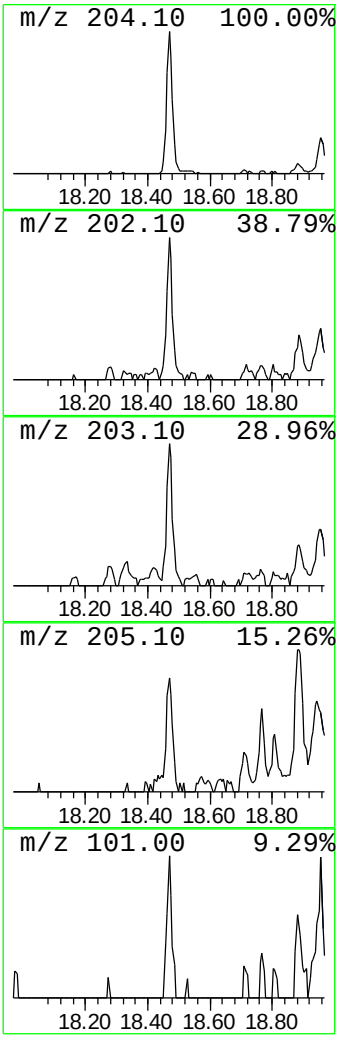
Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.25 ng/ul	104252	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	64





Library Search Compound Report

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Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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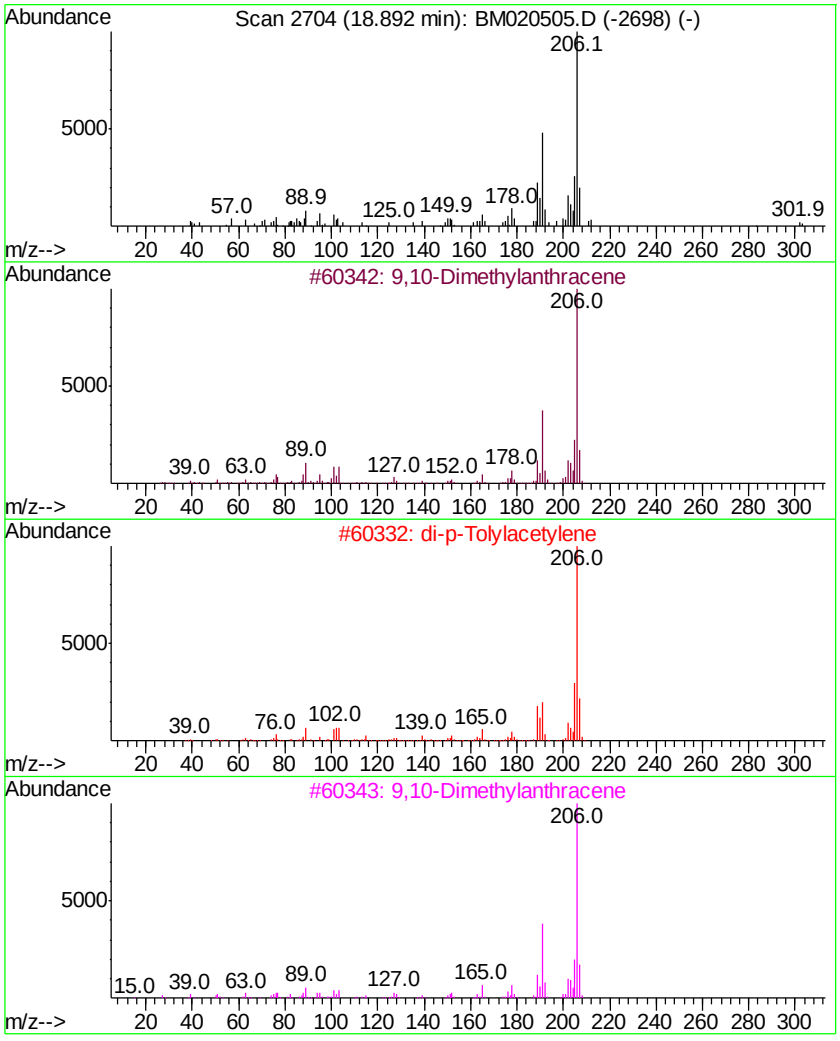
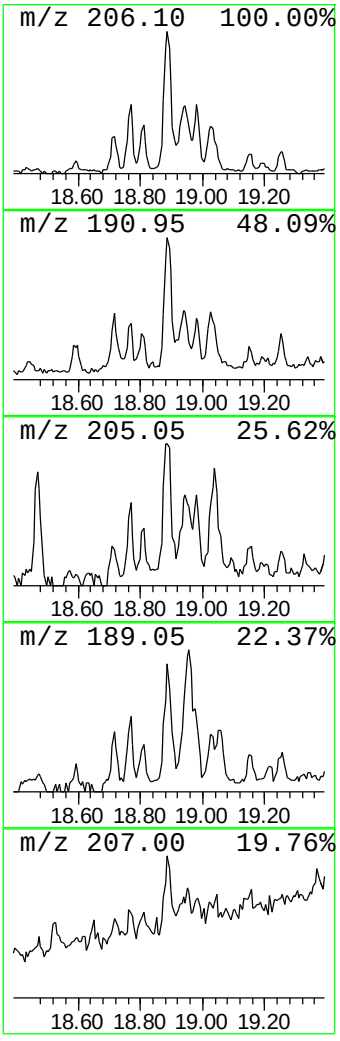
Peak Number 7 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.00 ng/ul	138995	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Library Search Compound Report

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Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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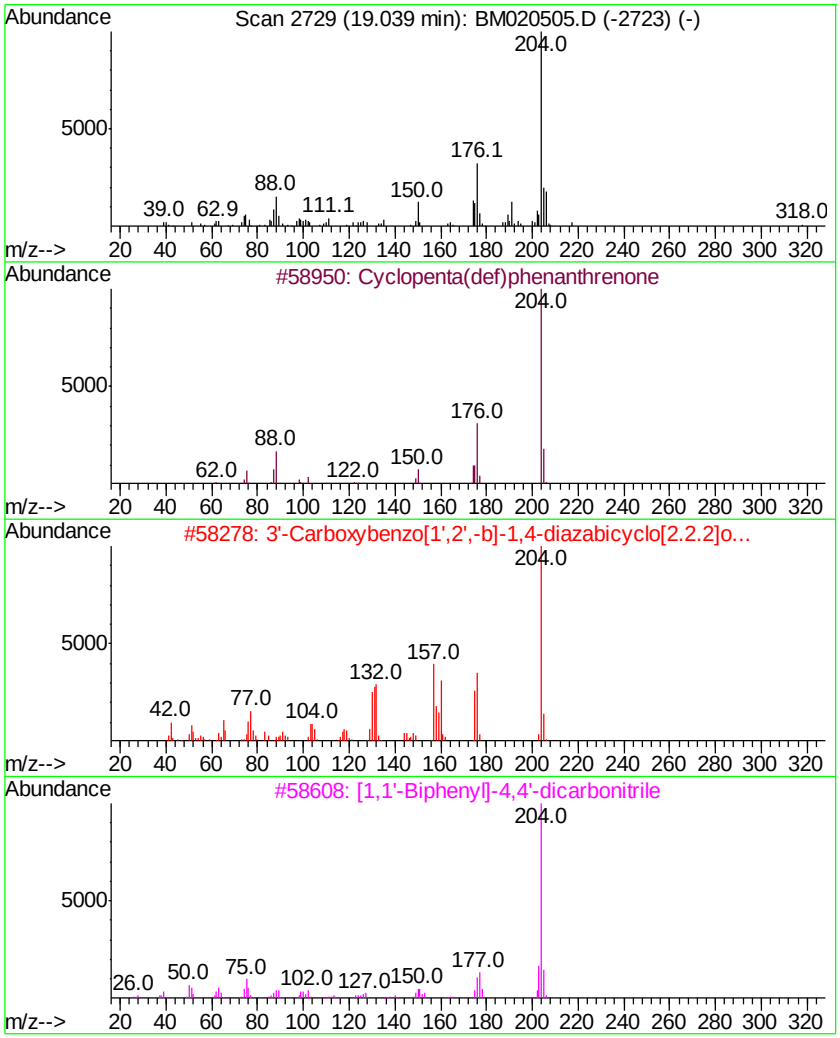
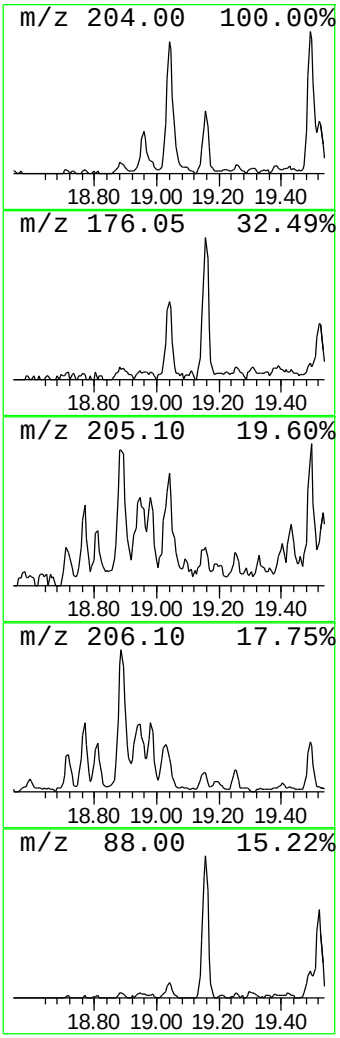
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	3.10 ng/ul	143590	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	52
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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Acq On : 22 May 2019 23:25
Operator : JU/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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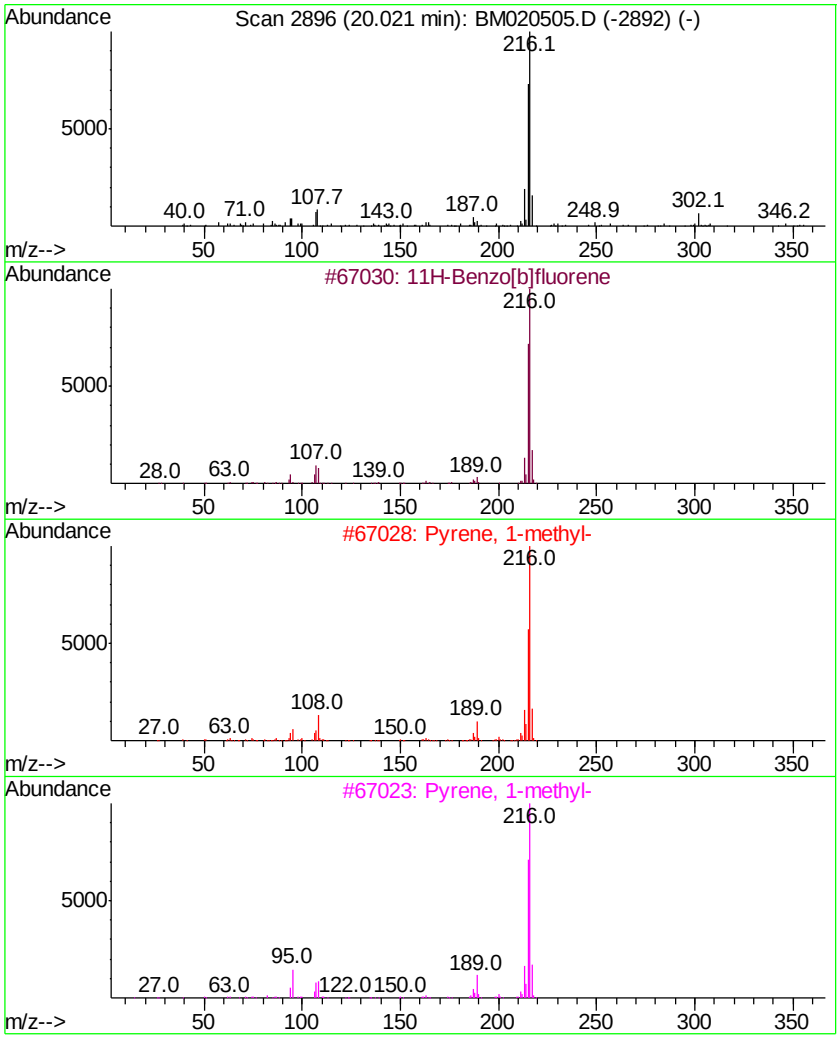
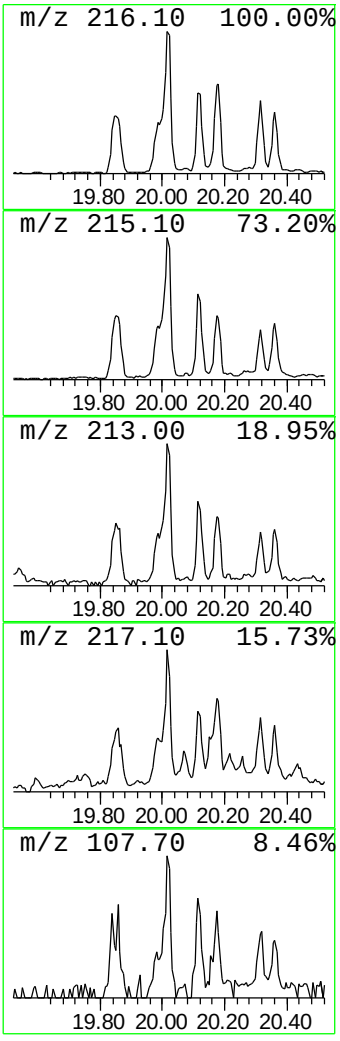
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	2.10 ng/ul	232871	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Library Search Compound Report

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Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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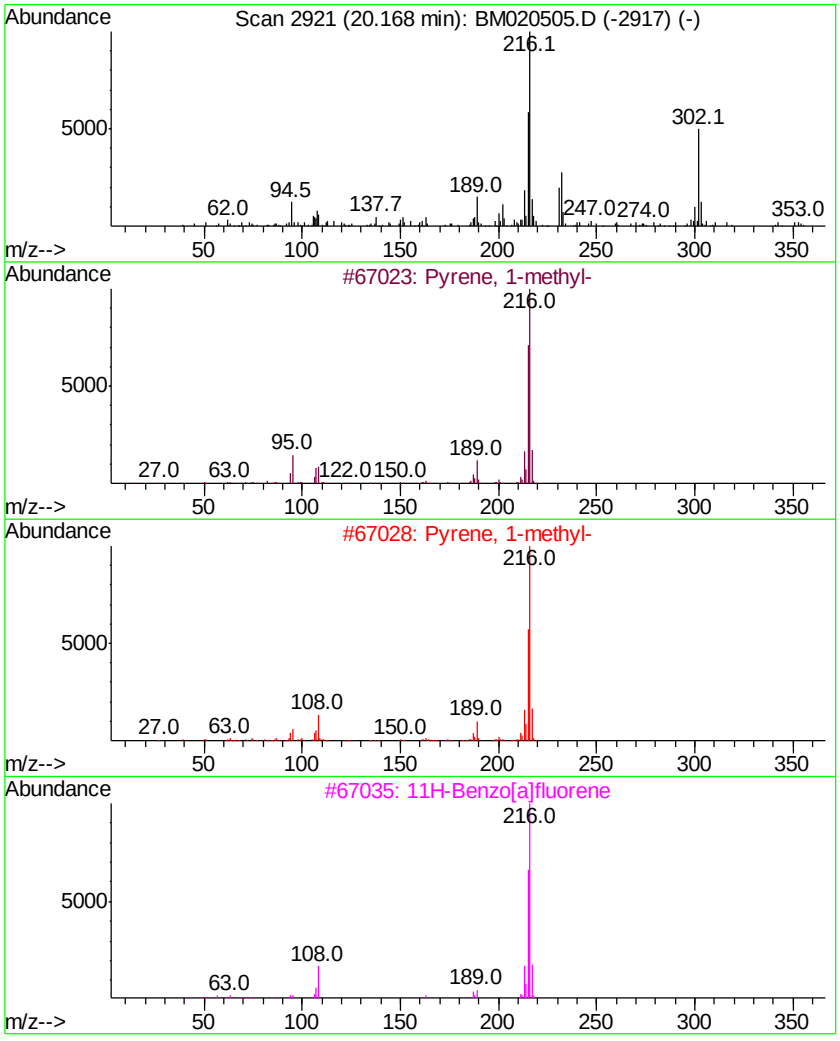
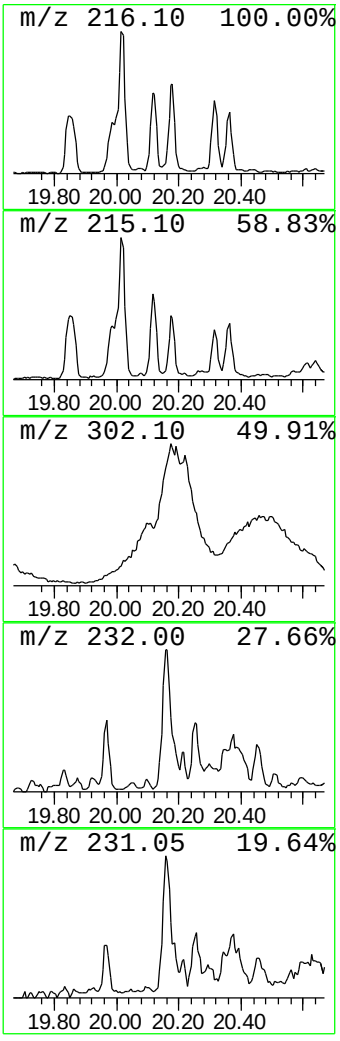
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.19 ng/ul	242818	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70





Library Search Compound Report

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Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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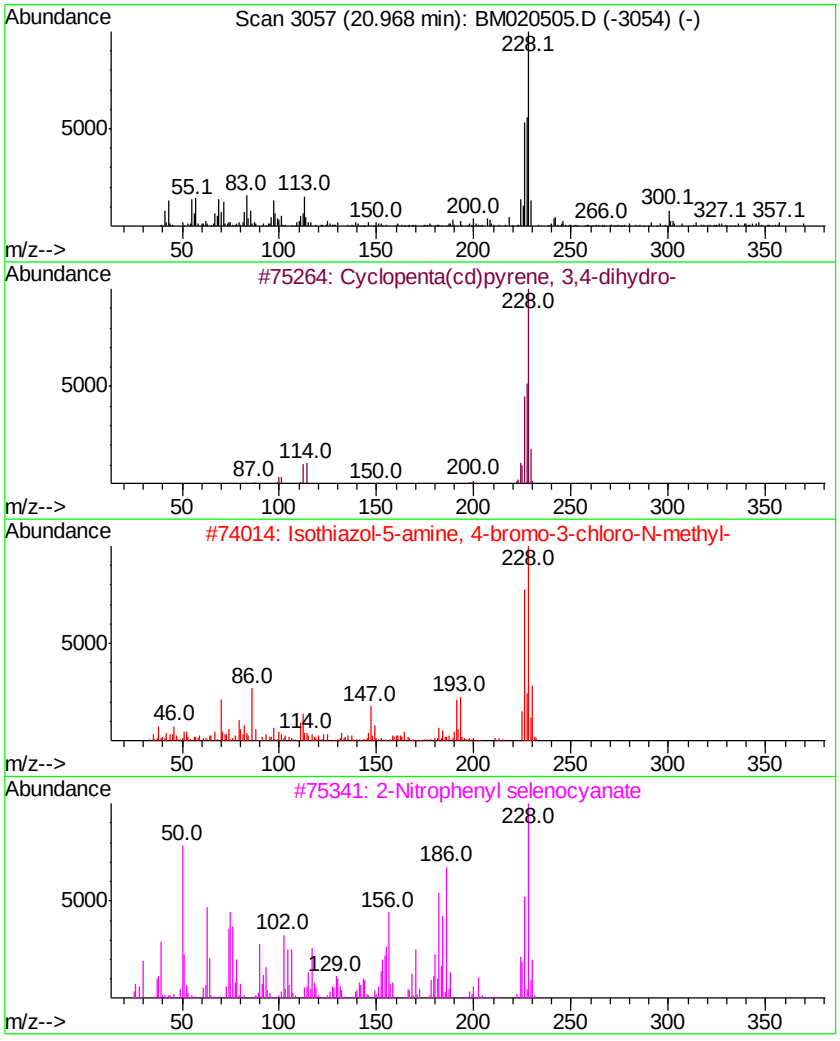
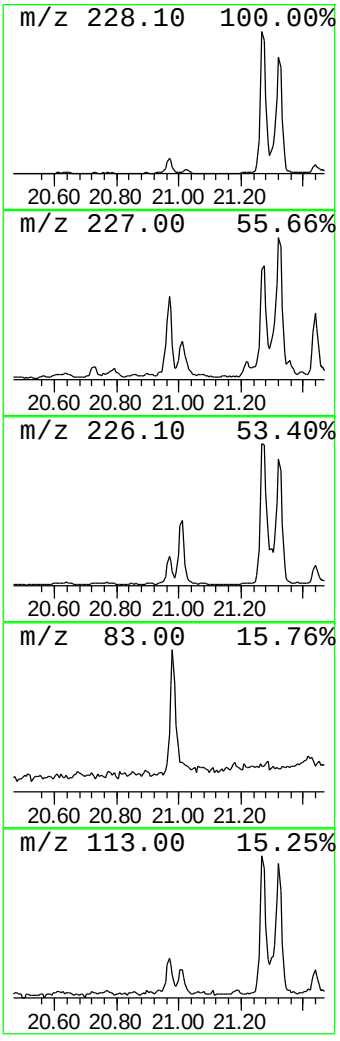
Peak Number 11 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.02 ng/ul	333967	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
3	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	38
4	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	35
5	Chrysene	228	C18H12	000218-01-9	35





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Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4286

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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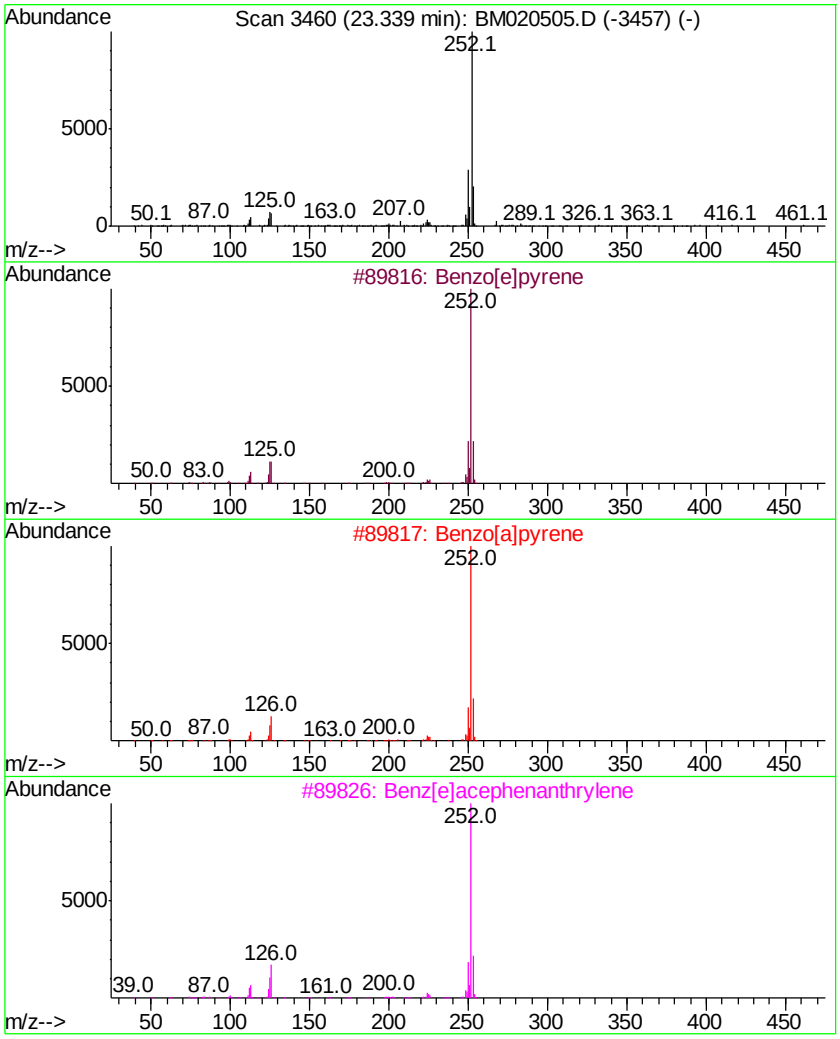
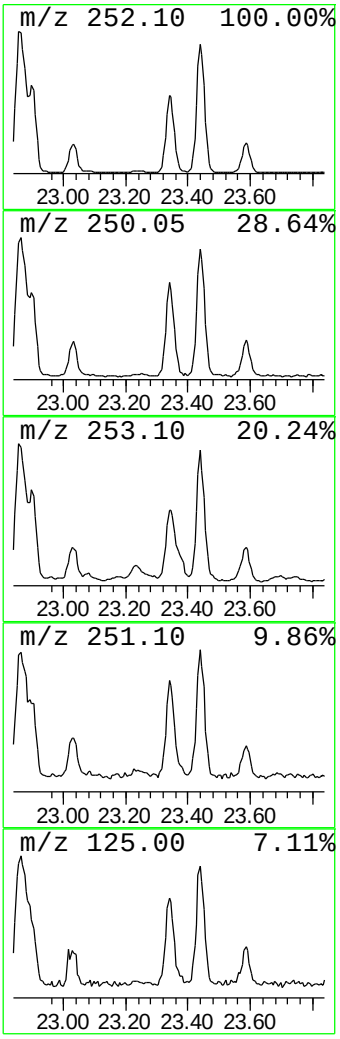
Peak Number 12 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	6.72 ng/ul	336390	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76





Tentatively Identified Compound (LSC) summary

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Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
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Instrument : BNA_M
ClientSampleId : A4286

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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
unknown-01	12.00	4.0	ng/ul	103645	2	10.47	514896	20.0
Phenanthrene, 2-m...	17.97	4.4	ng/ul	204945	4	17.09	926537	20.0
Anthracene, 2-met...	18.02	4.3	ng/ul	198448	4	17.09	926537	20.0
4H-Cyclopenta[def...	18.16	6.3	ng/ul	292275	4	17.09	926537	20.0
1H-Indene, 2-phenyl-	18.20	2.0	ng/ul	93969	4	17.09	926537	20.0
5,16[1',2']:8,13[...	18.47	2.3	ng/ul	104252	4	17.09	926537	20.0
9,10-Dimethylanth...	18.89	3.0	ng/ul	138995	4	17.09	926537	20.0
Cyclopenta(def)ph...	19.04	3.1	ng/ul	143590	4	17.09	926537	20.0
11H-Benzo[b]fluorene	20.02	2.1	ng/ul	232871	5	21.29	2213790	20.0
Pyrene, 1-methyl-	20.17	2.2	ng/ul	242818	5	21.29	2213790	20.0
unknown-02	20.97	3.0	ng/ul	333967	5	21.29	2213790	20.0
Benzo[e]pyrene	23.34	6.7	ng/ul	336390	6	23.54	1000860	20.0