LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.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	6.793	707	715	727	rBV	603434	993593	13.72%	0.972%
2	6.957	736	743	754	rBV	454148	712682	9.84%	0.698%
3	7.151	768	776	787	rBV	582664	987748	13.64%	0.967%
4	7.616	847	855	866	rBV	665501	1110593	15.33%	1.087%
5	8.322	969	975	991	rVB	695571	1179959	16.29%	1.155%
6	8.769	1044	1051	1060	rBV	560157	959811	13.25%	0.939%
7	9.487	1166	1173	1185	rBV	471370	805638	11.12%	0.788%
8	10.022	1257	1264	1286	rVB	647143	1204133	16.62%	1.178%
9	10.392	1317	1327	1333	rBV	904907	1577385	21.78%	1.544%
10	10.439	1333	1335	1345	rVB	58031	88004	1.22%	0.086%
11	10.534	1345	1351	1365	rBV	552832	1040515	14.37%	1.018%
12	13.680	1879	1886	1890	rBV	1105679	1713857	23.66%	1.677%
13	13.722	1890	1893	1904	rVB	551379	834676	11.52%	0.817%
14	13.957	1925	1933	1944	rBV2	1333580	2498648	34.50%	2.445%
15	14.269	1975	1986	1992	rBV2	1211138	2023250	27.93%	1.980%
16	14.327	1992	1996	2005	rVB	125503	211328	2.92%	0.207%
17	14.486	2016	2023	2034	rBV	395800	722333	9.97%	0.707%
18	14.669	2046	2054	2060	rVB	55867	93934	1.30%	0.092%
19	15.263	2148	2155	2161	rBV	1766969	2615741	36.11%	2.560%
20	15.316	2161	2164	2173	rVB	110399	160707	2.22%	0.157%
21	15.398	2173	2178	2184	rBV	333780	508352	7.02%	0.498%
22	15.616	2210	2215	2226	rVB2	55371	98740	1.36%	0.097%
23	15.763	2236	2240	2248	rVB	56083	116931	1.61%	0.114%
24	15.992	2274	2279	2287	rBV7	59717	116478	1.61%	0.114%
25	16.321	2328	2335	2340	rBV3	75960	154996	2.14%	0.152%
26	16.751	2402	2408	2411	rBV2	48699	92453	1.28%	0.090%
27	16.833	2418	2422	2432	rVB2	87046	154447	2.13%	0.151%
28	17.015	2446	2453	2457	rBV	1642383	2524373	34.85%	2.471%
29	17.057	2457	2460	2465	rVV	1164212	1626817	22.46%	1.592%
30	17.115	2465	2470	2473	rVV	1937493	2881890	39.79%	2.821%
31	17.151	2473	2476	2481	rVV	751451	1014687	14.01%	0.993%
32	17.204	2481	2485	2489	rVV3	62872	110922	1.53%	0.109%
33	17.539	2538	2542	2548	rVB	79508	114893	1.59%	0.112%
34	17.598	2548	2552	2558	rBV3	41919	78426	1.08%	0.077%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Title : SVOA CALIBRATION

35	17.892	2596	2602	2606	rBV	285965	433124	5.98%	0.424%
36	17.939	2606	2610	2615	rVB	312468	436680	6.03%	0.427%
37	18.021	2616	2624	2629	rBV	249907	405443	5.60%	0.397%
38	18.086	2629	2635	2639	rBV2	671160	1113155	15.37%	1.089%
39	18.392	2683	2687	2692	rVV	266705	372014	5.14%	0.364%
40	18.645	2722	2730	2734	rBV2	89340	154960	2.14%	0.152%
41	18.692	2734	2738	2742	rBV	82901	112145	1.55%	0.110%
42	18.733	2742	2745	2749	rVB	86030	108197	1.49%	0.106%
43	18.815	2753	2759	2764	rBV2	236298	463131	6.39%	0.453%
44	18.880	2764	2770	2773	rBV2	145903	250194	3.45%	0.245%
45	18.957	2779	2783	2785	rBV	80098	124795	1.72%	0.122%
46	19.080	2798	2804	2811	rBV	4130622	5911740	81.62%	5.786%
47	19.145	2811	2815	2818	rBV	89008	108004	1.49%	0.106%
48	19.233	2825	2830	2835	rBV	526364	701879	9.69%	0.687%
49	19.327	2841	2846	2848	rBV2	118387	170886	2.36%	0.167%
50	19.415	2855	2861	2864	rBV3	2844078	4665473	64.41%	4.566%
51	19.445	2864	2866	2875	rVV	3457998	4513332	62.31%	4.417%
52	19.521	2875	2879	2885	rVB3	212203	347324	4.80%	0.340%
53	19.627	2892	2897	2903	rBV	287522	408766	5.64%	0.400%
54	19.686	2904	2907	2913	rVB3	61442	92485	1.28%	0.091%
55	19.768	2916	2921	2929	rBV3	324759	798563	11.03%	0.782%
56	19.909	2940	2945	2946	rVV3	267722	386723	5.34%	0.378%
57	19.945	2946	2951	2957	rVB	1234920	1826175	25.21%	1.787%
58	20.045	2963	2968	2972	rBV	1265171	1645219	22.71%	1.610%
59	20.104	2972	2978	2982	rVV2	454354	772168	10.66%	0.756%
60	20.139	2982	2984	2988	rVB2	102231	121037	1.67%	0.118%
61	20.198	2988	2994	2997	rBV4	120626	227808	3.15%	0.223%
62	20.239	2998	3001	3005	rVV	246639	361129	4.99%	0.353%
63	20.292	3005	3010	3022	rVB3	320569	619801	8.56%	0.607%
64	20.468	3037	3040	3043	rBV	77327	105723	1.46%	0.103%
65	20.539	3048	3052	3054	rVV2	146918	208529	2.88%	0.204%
66	20.568	3054	3057	3061	rVB	155951	212129	2.93%	0.208%
67	20.651	3067	3071	3076	rBV2	225351	419272	5.79%	0.410%
68	20.862	3103	3107	3110	rBV	383620	498197	6.88%	0.488%
69	20.898	3110	3113	3116	rVB	396551	426544	5.89%	0.417%
70	20.933	3116	3119	3125	rBV2	307769	521552	7.20%	0.510%
71	21.098	3144	3147	3151	rVB	101555	113976	1.57%	0.112%

LSC Area Percent Report

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Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Title : SVOA CALIBRATION

72	21.203	3159	3165	3170	rBV2	3491256	7243067	100.00%	7.089%
73	21.251	3170	3173	3183	rVB	2448628	3252995	44.91%	3.184%
74	21.368	3189	3193	3198	rBV	521297	704309	9.72%	0.689%
75	21.421	3198	3202	3207	rVV2	256923	339929	4.69%	0.333%
76	21.480	3209	3212	3215	rVB	179525	203601	2.81%	0.199%
77	21.521	3215	3219	3224	rBV3	232058	439635	6.07%	0.430%
78	21.703	3247	3250	3253	rBV	126566	178868	2.47%	0.175%
79	21.756	3253	3259	3263	rVV	551101	1026594	14.17%	1.005%
80	21.809	3265	3268	3272	rVV	292631	392259	5.42%	0.384%
81	21.874	3276	3279	3281	rVV3	170103	243604	3.36%	0.238%
82	21.909	3281	3285	3289	rVV2	382188	621905	8.59%	0.609%
83	21.950	3289	3292	3294	rVV	380485	510103	7.04%	0.499%
84	21.980	3294	3297	3303	rVV3	506572	794278	10.97%	0.777%
85	22.050	3304	3309	3317	rVB3	222256	415113	5.73%	0.406%
86	22.239	3338	3341	3345	rBV3	143815	265229	3.66%	0.260%
87	22.515	3384	3388	3397	rVB2	131412	252909	3.49%	0.248%
88	22.756	3422	3429	3434	rBV	1909170	4617472	63.75%	4.519%
89	22.921	3452	3457	3464	rVB	589332	961450	13.27%	0.941%
90	23.050	3476	3479	3482	rBV3	99429	163153	2.25%	0.160%
91	23.221	3502	3508	3512	rBV	1017114	1993933	27.53%	1.951%
92	23.274	3512	3517	3521	rVV2	1711534	3455482	47.71%	3.382%
93	23.321	3521	3525	3532	rVV	1937949	3312442	45.73%	3.242%
94	23.409	3534	3540	3545	rVV	1502615	2970501	41.01%	2.907%
95	23.456	3545	3548	3556	rVB3	559537	1030189	14.22%	1.008%
96	24.256	3679	3684	3690	rVB	194891	385268	5.32%	0.377%
97	25.609	3904	3914	3923	rVB	848361	2444186	33.75%	2.392%
98	25.856	3951	3956	3963	rVB2	142379	341466	4.71%	0.334%
99	26.280	4019	4028	4042	rVB	526735	1612761	22.27%	1.578%
100	26.633	4082	4088	4101	rVB2	213811	715212	9.87%	0.700%

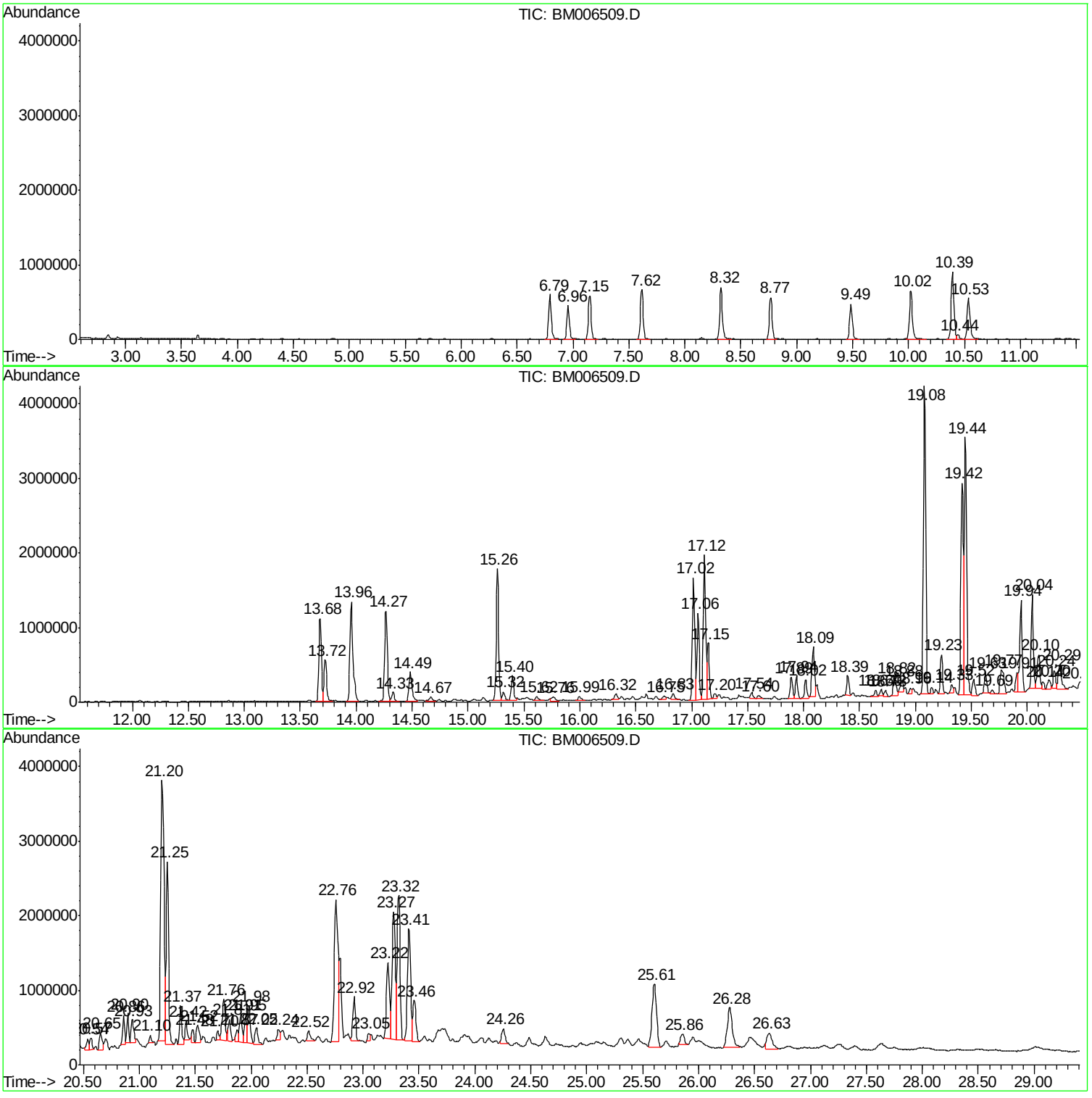
Sum of corrected areas: 102175125

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJ37

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

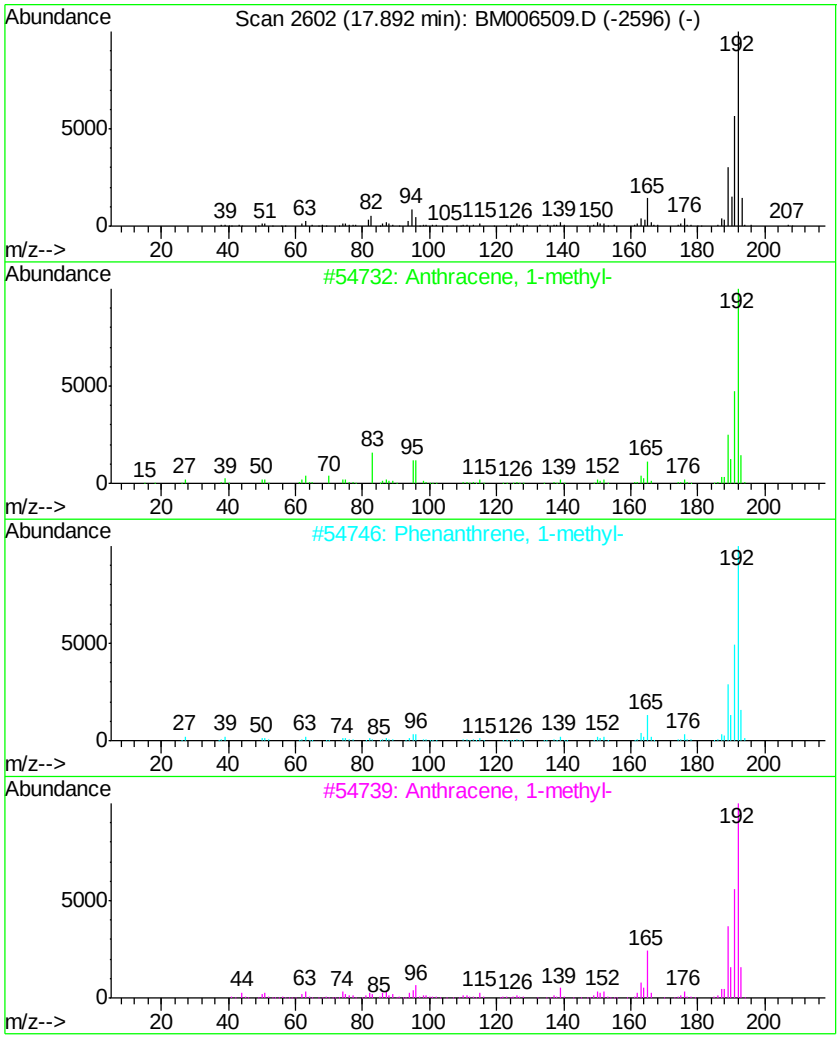
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

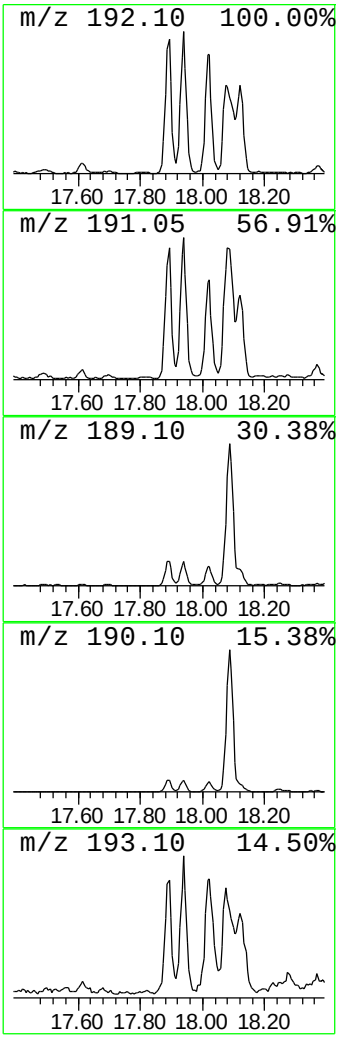
****

Peak Number 1 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.43 ng/ul	433124	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

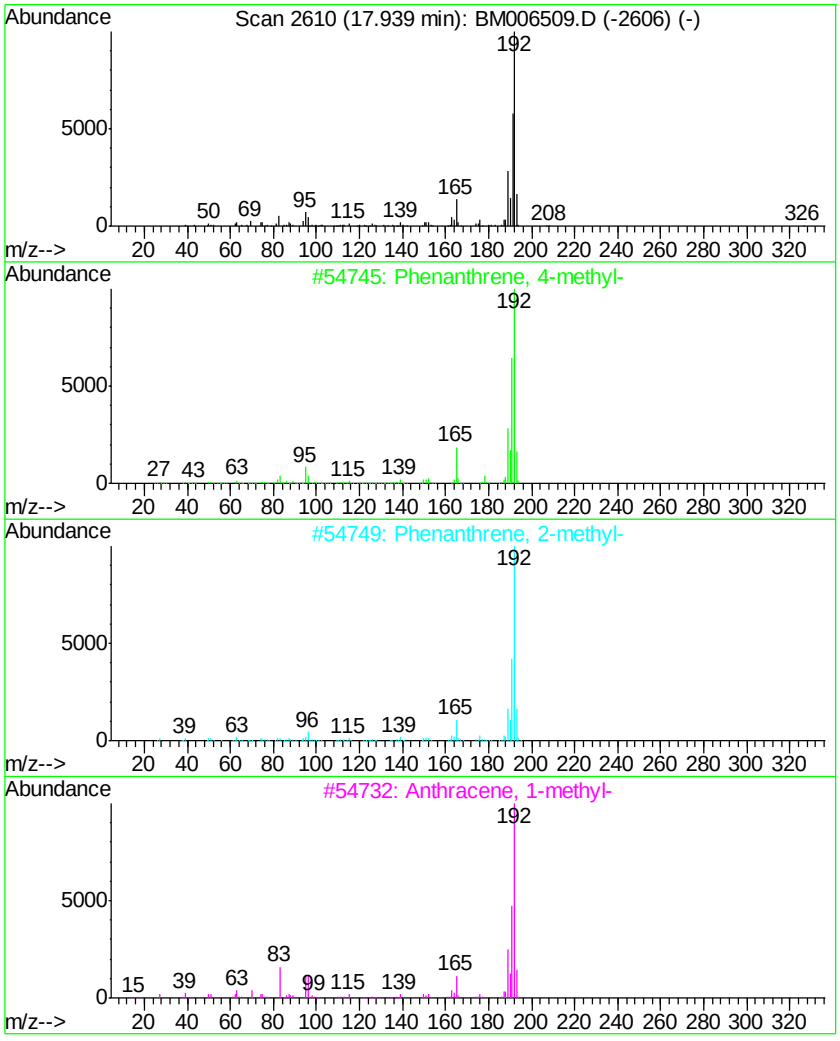
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

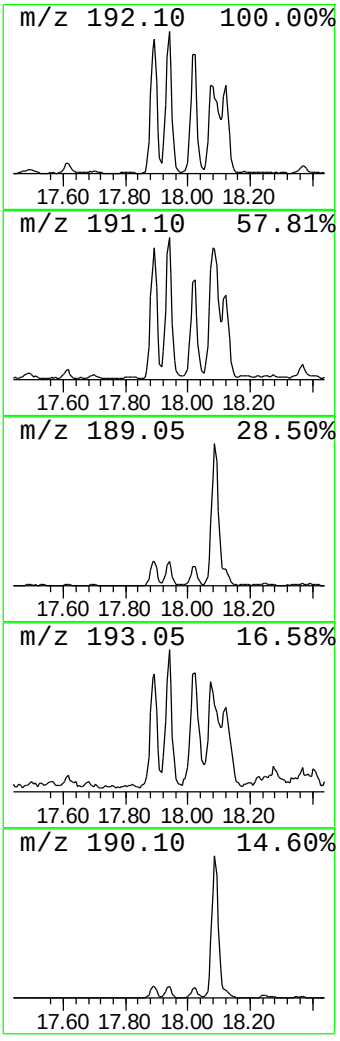
****

Peak Number 2 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.46 ng/ul	436680	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

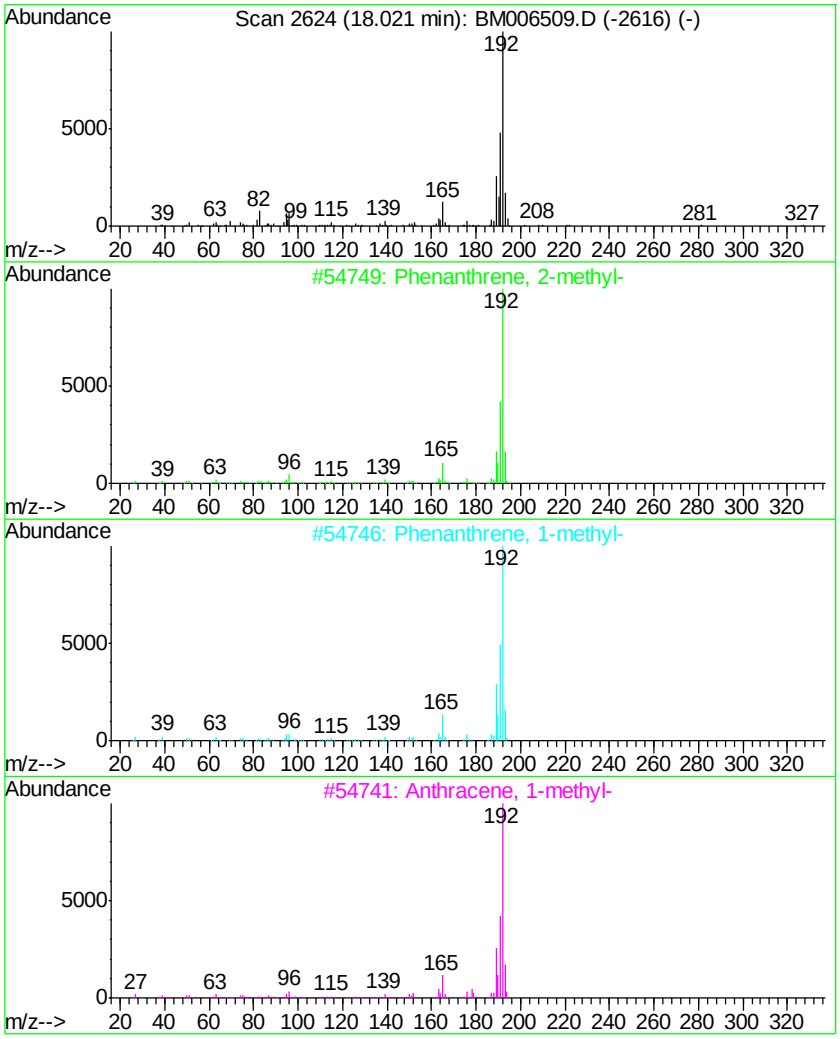
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

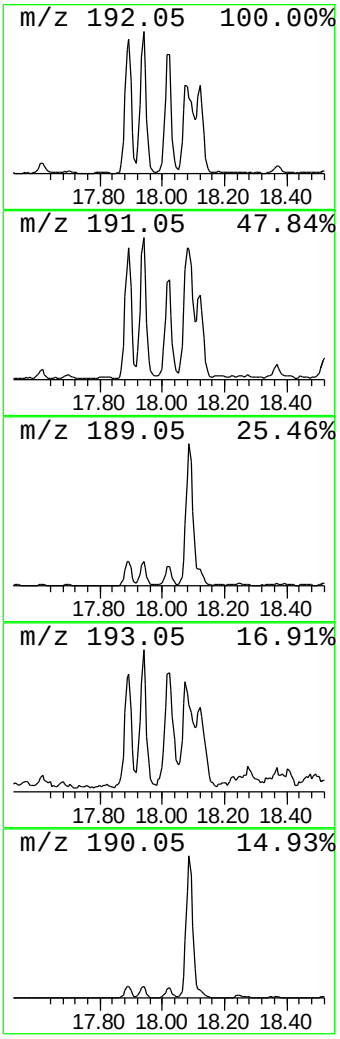
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.21 ng/ul	405443	Phenanthrene-d10	17.02

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	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

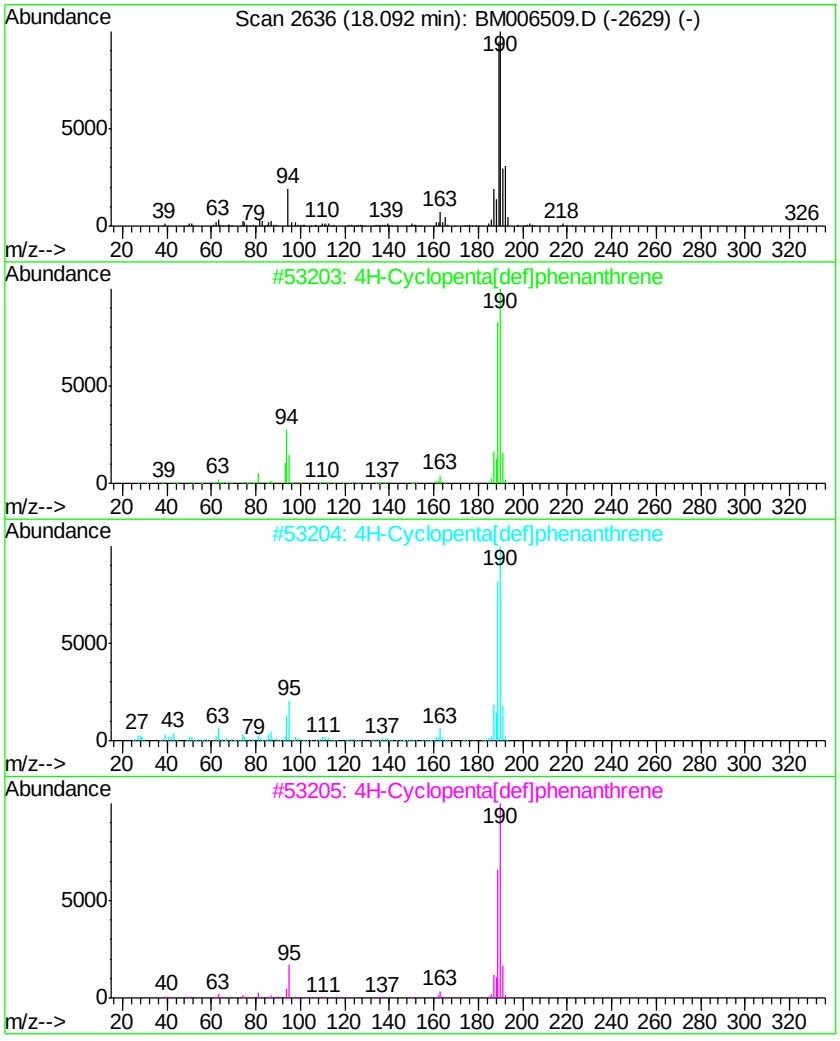
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

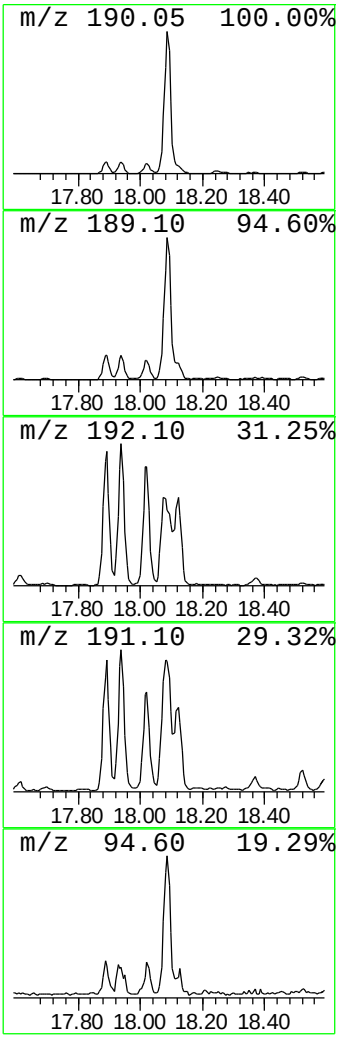
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	8.82 ng/ul	1113160	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

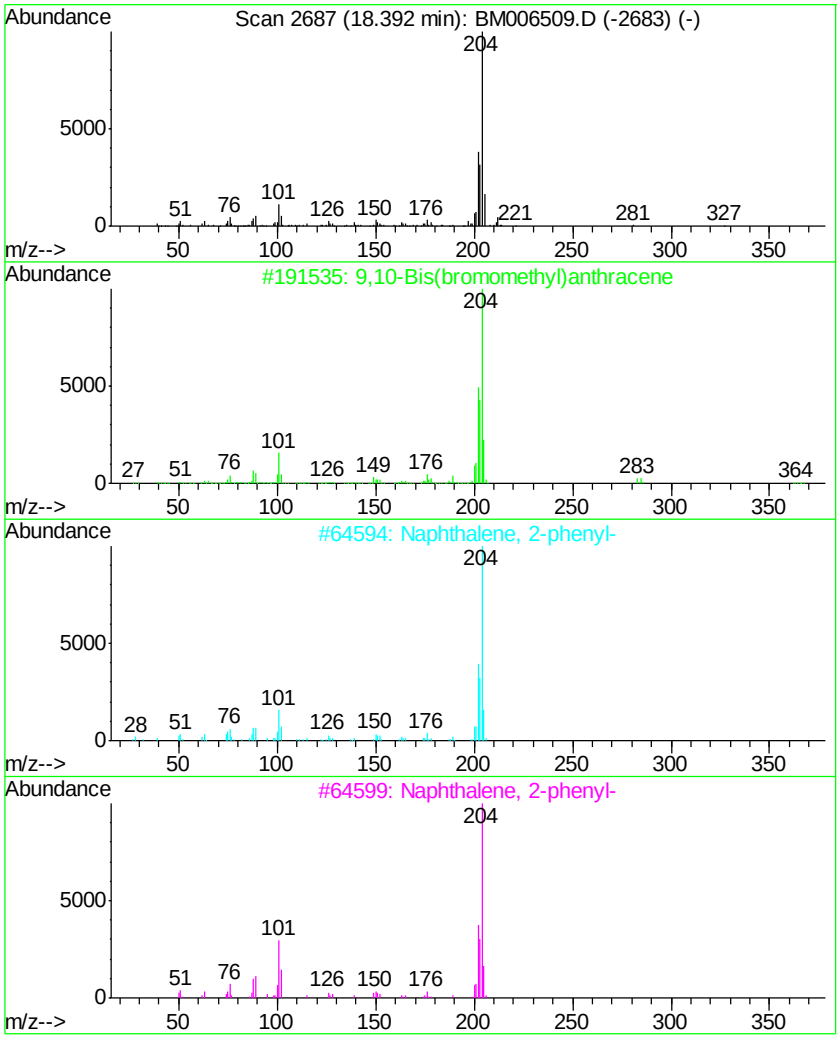
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

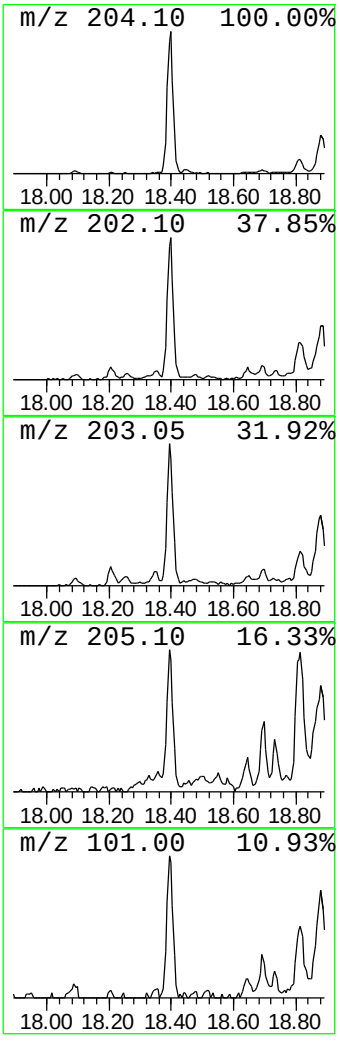
****

Peak Number 5 9,10-Bis(bromomethyl)anthra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.95 ng/ul	372014	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

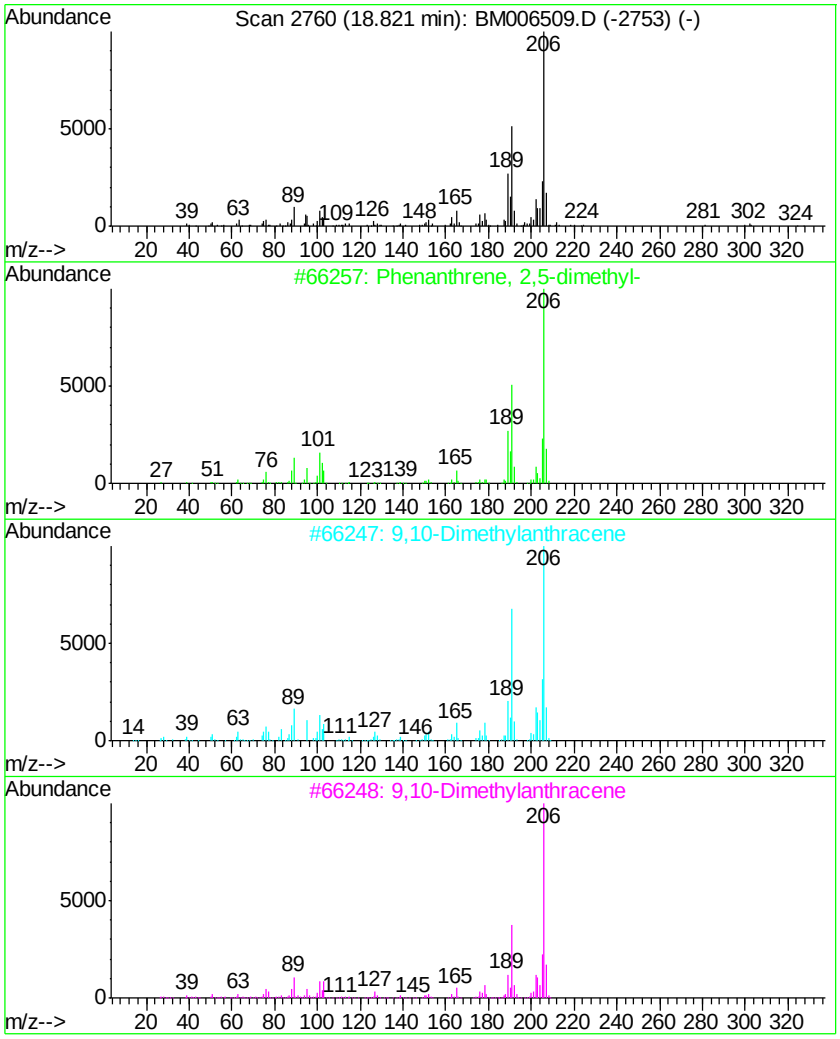
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

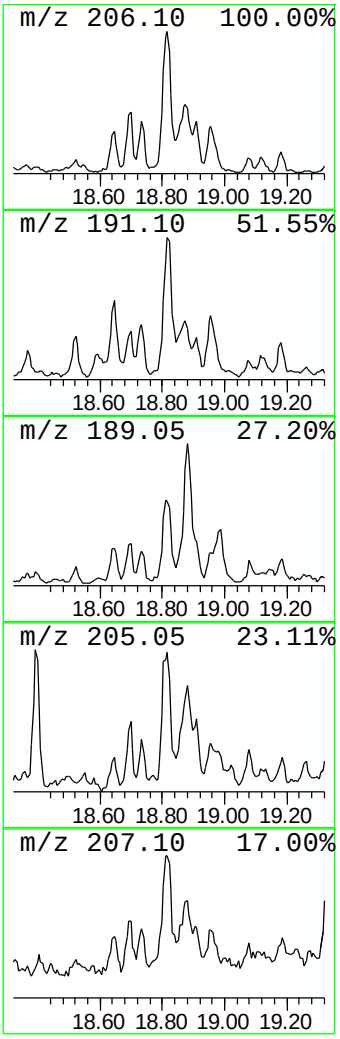
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.67 ng/ul	463131	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

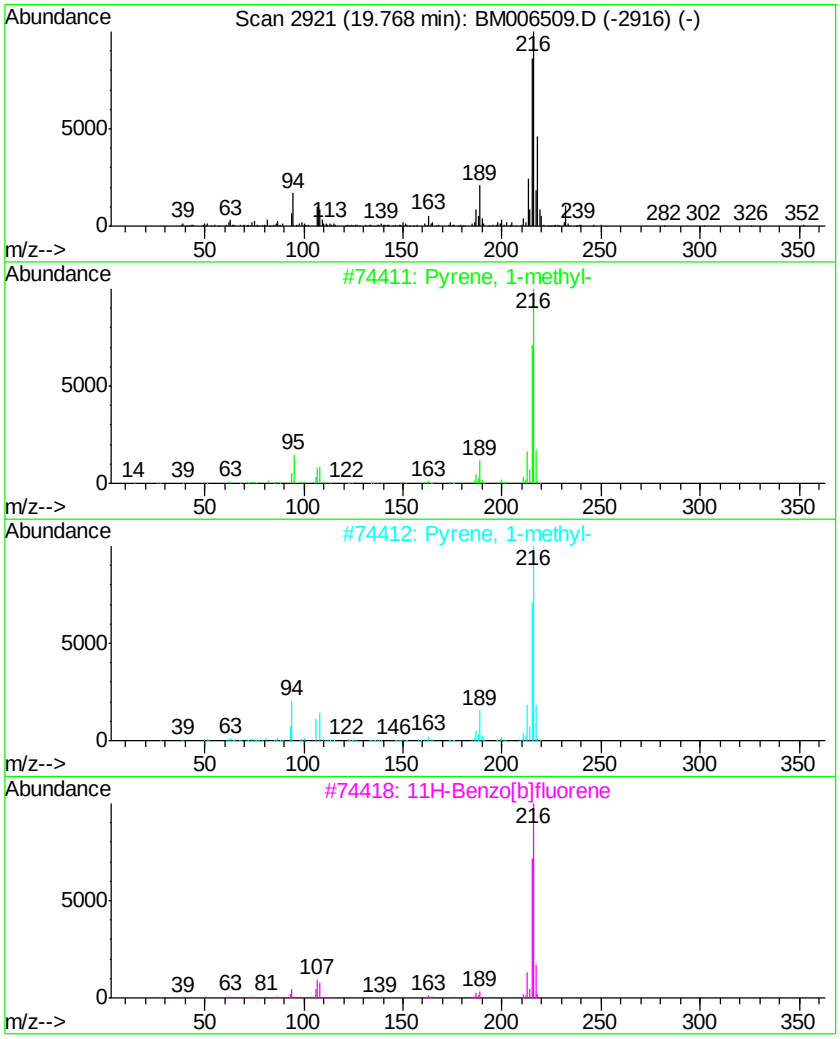
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

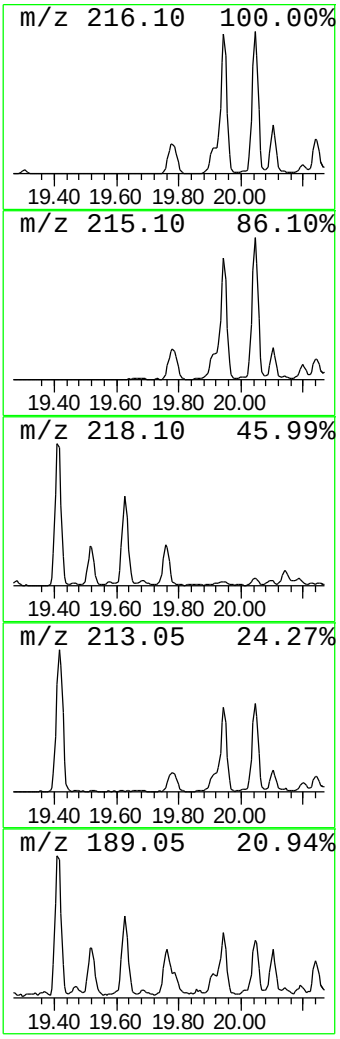
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.21 ng/ul	798563	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





Library Search Compound Report

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Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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

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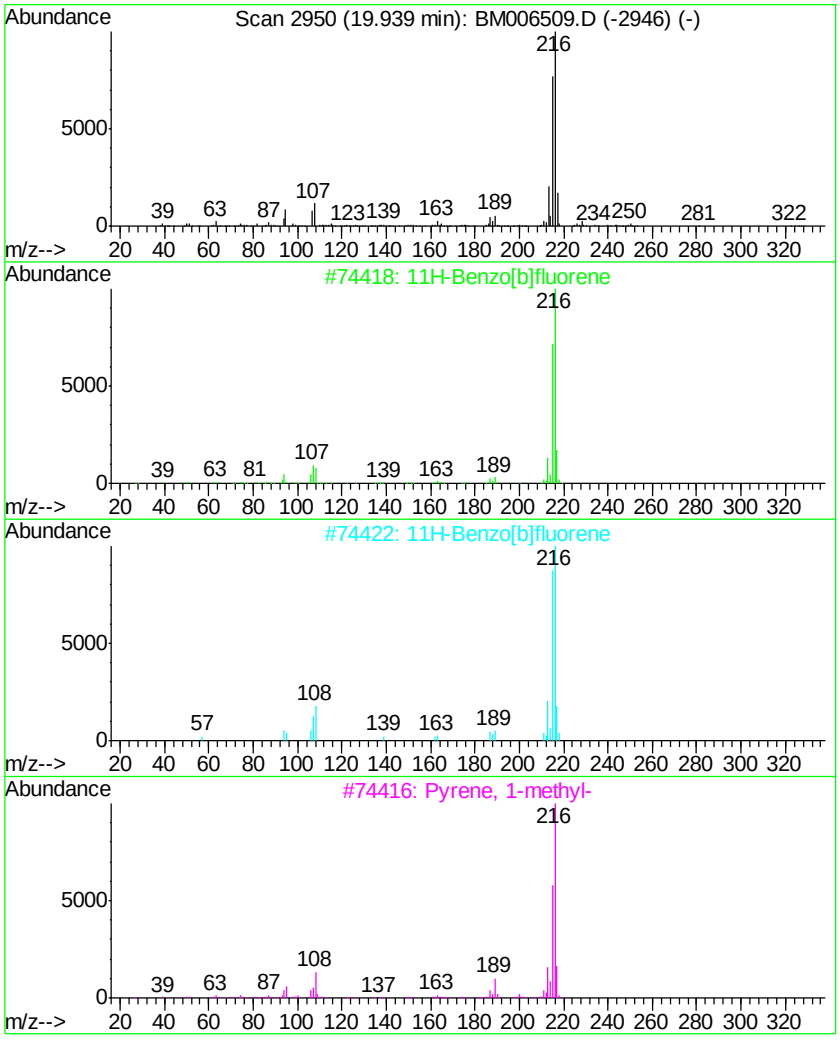
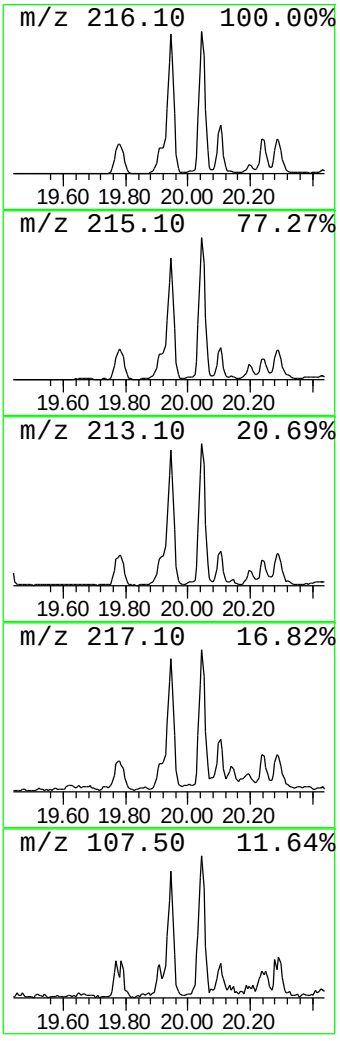
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	5.04 ng/ul	1826180	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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

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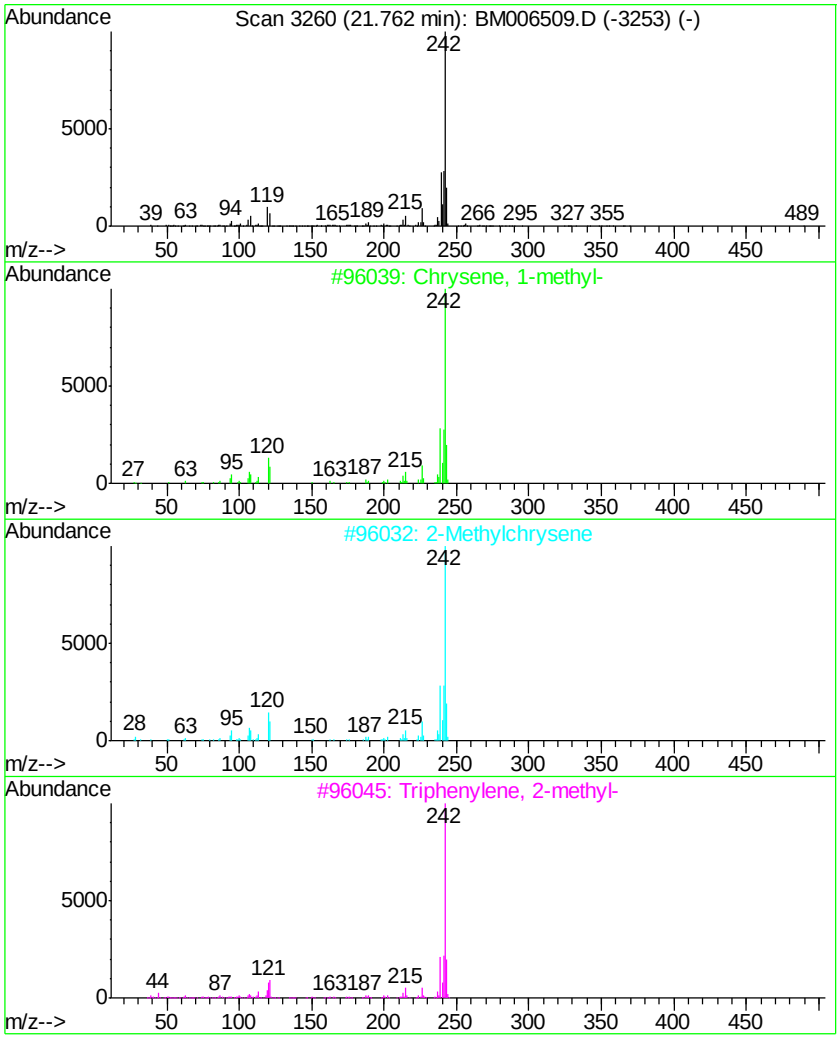
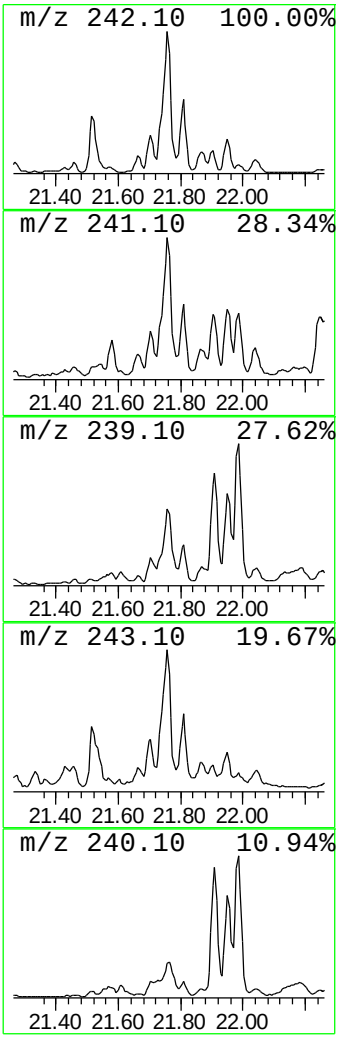
Peak Number 11 Chrysene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.83 ng/ul	1026590	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
2	2-Methylchrysene	242	C19H14	003351-32-4	96
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	95





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Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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

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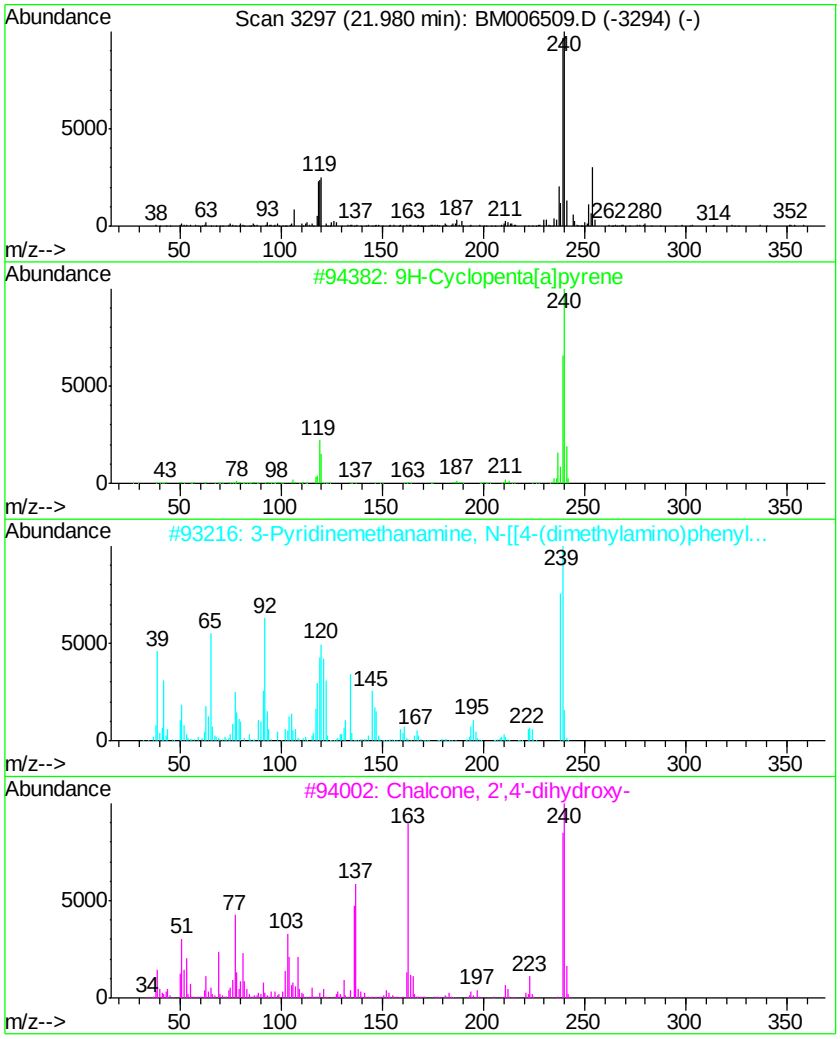
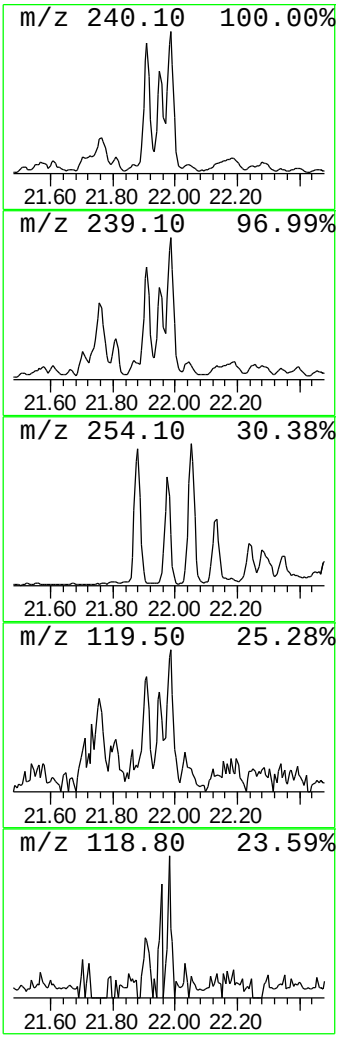
Peak Number 12 9H-Cyclopenta[a]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	2.19 ng/ul	794278	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	58
2	3-Pyridinemethanamine, N-[[4-(di...	239	C15H17N3	1000350-96-8	46
3	Chalcone, 2',4'-dihydroxy-	240	C15H12O3	001776-30-3	37
4	1,3,2-Dioxaphospholane, 2-(4-eth...	375	C20H26NO4P	1000273-13-7	25
5	2-Propen-1-one, 1-(2-hydroxyphen...	240	C15H12O3	013323-66-5	25





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Misc :
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Instrument : BNA_M
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TIC Integration Parameters: LSCINT.P

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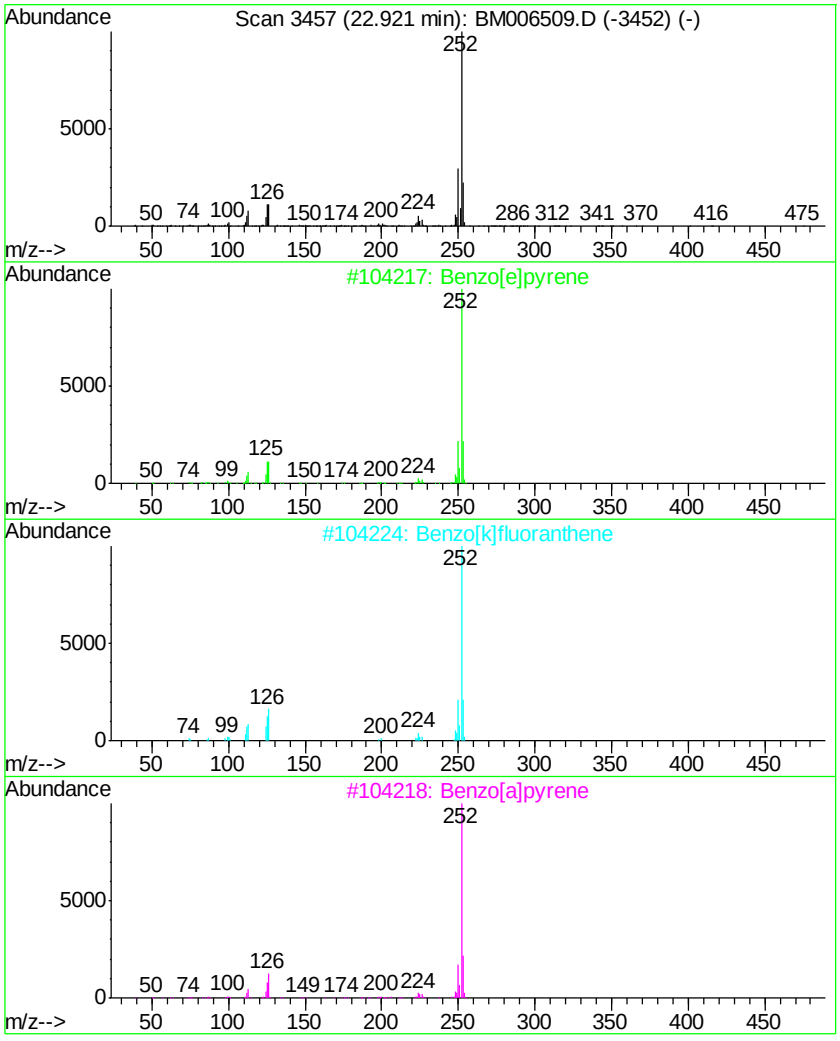
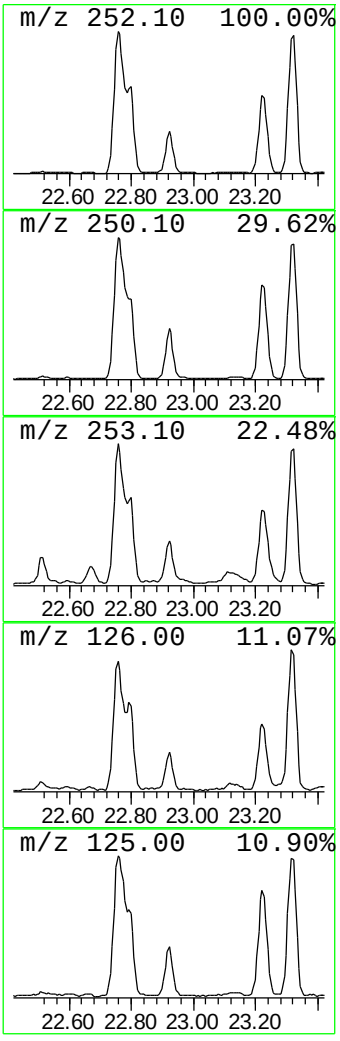
Peak Number 13 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	6.47 ng/ul	961450	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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

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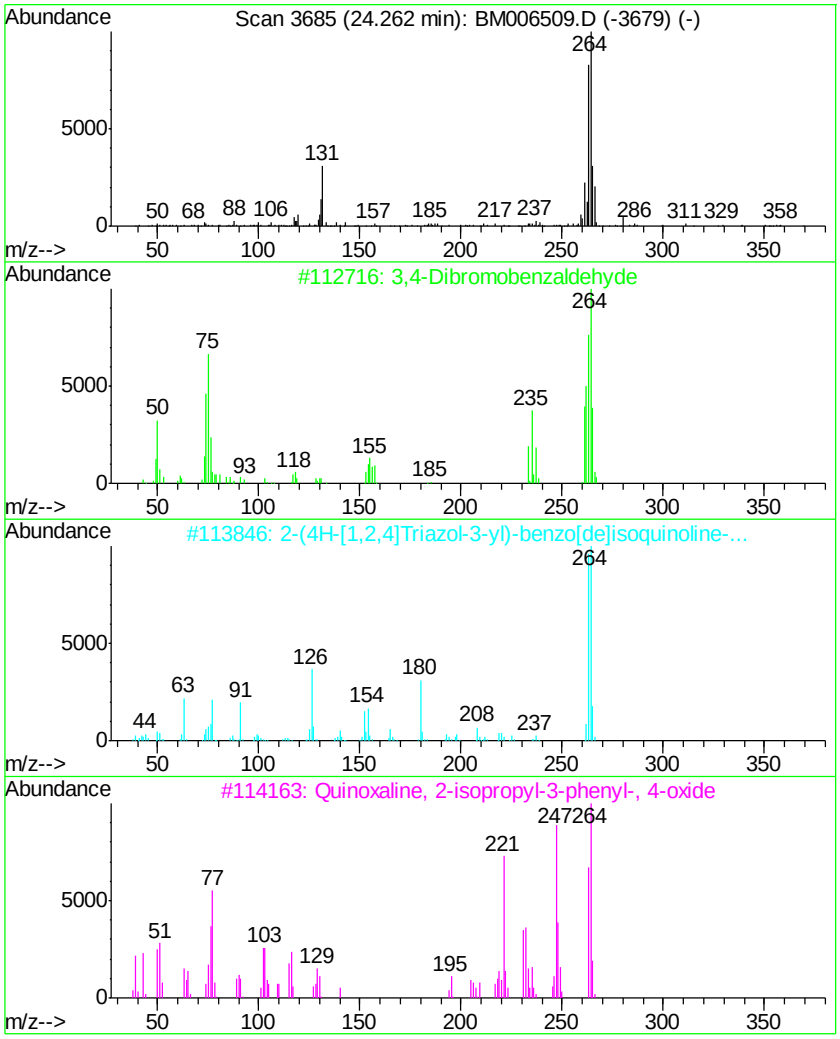
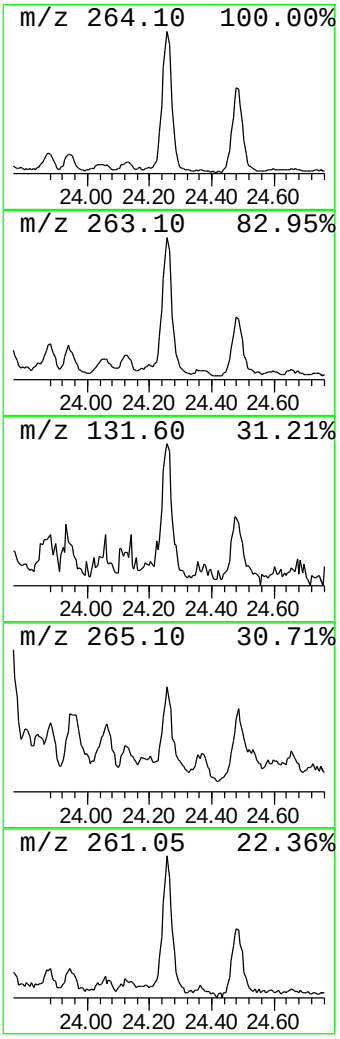
Peak Number 15 3,4-Dibromobenzaldehyde Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.26	2.59 ng/ul	385268	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
2	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	50
3	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	47
4	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	35
5	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35





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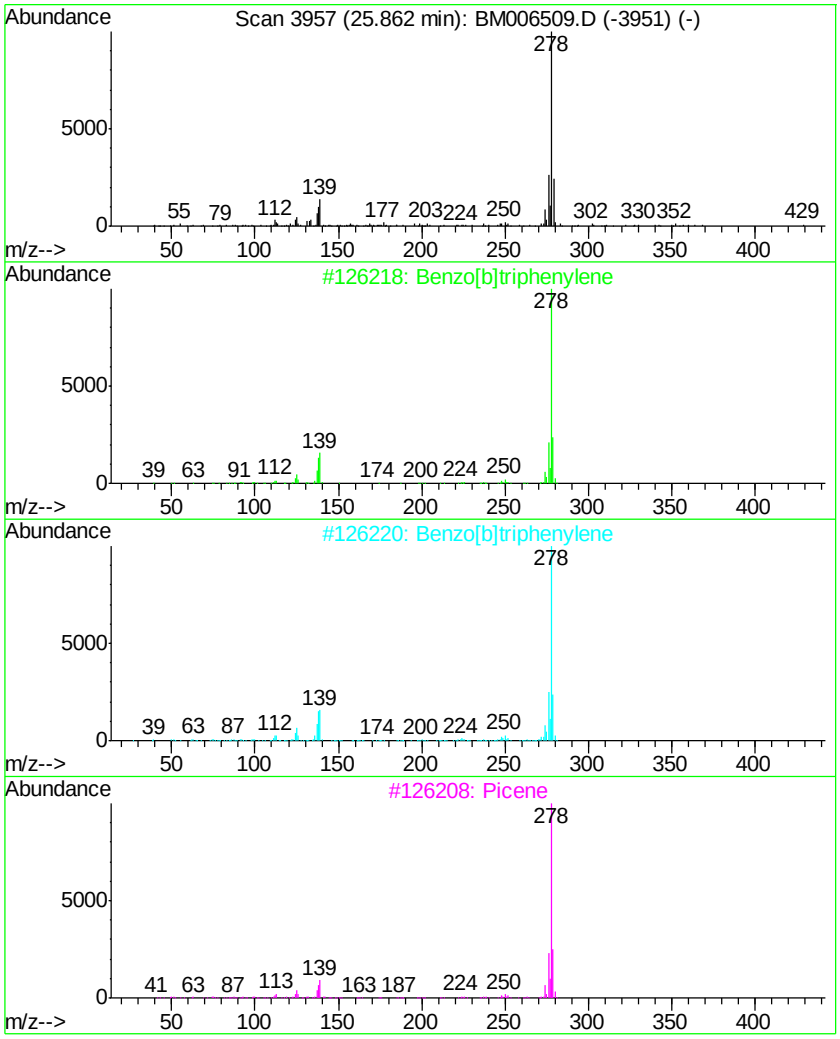
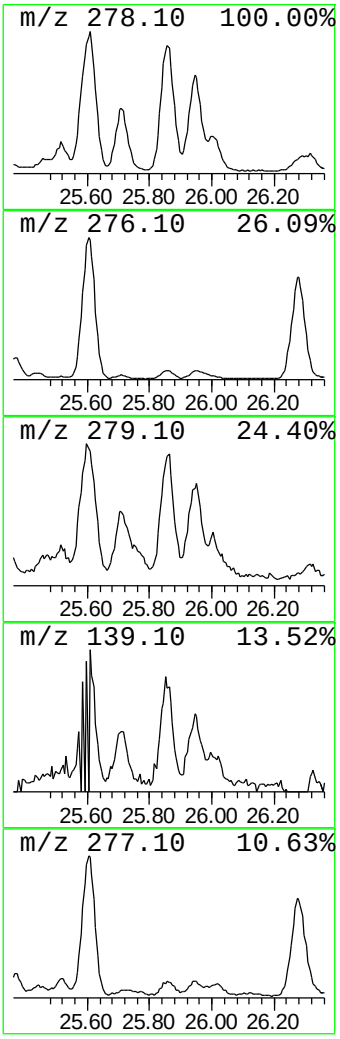
Peak Number 16 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.86	2.30 ng/ul	341466	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
3	Picene	278	C22H14	000213-46-7	90
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
5	Benzo[b]chrysene	278	C22H14	000214-17-5	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 1-met...	17.89	3.4	ng/ul	433124	4	17.02	2524370	20.0
Phenanthrene, 4-m...	17.94	3.5	ng/ul	436680	4	17.02	2524370	20.0
Phenanthrene, 2-m...	18.02	3.2	ng/ul	405443	4	17.02	2524370	20.0
4H-Cyclopenta[def...	18.09	8.8	ng/ul	1113160	4	17.02	2524370	20.0
9,10-Bis(bromomet...	18.39	3.0	ng/ul	372014	4	17.02	2524370	20.0
Phenanthrene, 2,5...	18.82	3.7	ng/ul	463131	4	17.02	2524370	20.0
Pyrene, 1-methyl-	19.77	2.2	ng/ul	798563	5	21.22	7243070	20.0
11H-Benzo[b]fluorene	19.94	5.0	ng/ul	1826180	5	21.22	7243070	20.0
Chrysene, 1-methyl-	21.76	2.8	ng/ul	1026590	5	21.22	7243070	20.0
9H-Cyclopenta[a]p...	21.98	2.2	ng/ul	794278	5	21.22	7243070	20.0
Benzo[e]pyrene	22.92	6.5	ng/ul	961450	6	23.41	2970500	20.0
3,4-Dibromobenzal...	24.26	2.6	ng/ul	385268	6	23.41	2970500	20.0
Benzo[b]triphenylene	25.86	2.3	ng/ul	341466	6	23.41	2970500	20.0