LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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	705	715	733	rBV	520886	893480	15.28%	1.086%
2	6.957	737	743	755	rVV	399971	629053	10.76%	0.764%
3	7.151	769	776	787	rVB	522000	861666	14.74%	1.047%
4	7.616	845	855	865	rBV	523475	881859	15.08%	1.071%
5	8.322	969	975	989	rVB	648331	1063494	18.19%	1.292%
6	8.769	1044	1051	1065	rBV	512095	858964	14.69%	1.044%
7	9.486	1165	1173	1185	rBV	404793	711172	12.16%	0.864%
8	10.022	1257	1264	1278	rBV	601671	1077227	18.42%	1.309%
9	10.392	1319	1327	1333	rBV	716783	1255011	21.47%	1.525%
10	10.439	1333	1335	1341	rVB	57503	85954	1.47%	0.104%
11	10.533	1344	1351	1367	rBV	524520	978946	16.74%	1.189%
12	13.157	1793	1797	1806	rBV	32782	58712	1.00%	0.071%
13	13.680	1878	1886	1890	rBV	1041150	1600103	27.37%	1.944%
14	13.727	1890	1894	1903	rVB	708738	1089678	18.64%	1.324%
15	13.957	1926	1933	1945	rBV2	1230781	2256320	38.59%	2.742%
16	14.263	1979	1985	1993	rBV2	970649	1594965	27.28%	1.938%
17	14.327	1993	1996	2000	rVB	42616	59294	1.01%	0.072%
18	14.486	2016	2023	2034	rBV	227466	448463	7.67%	0.545%
19	15.139	2129	2134	2141	rVB2	30849	63153	1.08%	0.077%
20	15.263	2148	2155	2161	rBV	1629568	2439965	41.73%	2.965%
21	15.316	2161	2164	2173	rVB	56469	98855	1.69%	0.120%
22	15.398	2173	2178	2184	rBV	179390	294118	5.03%	0.357%
23	15.527	2189	2200	2206	rVV9	31820	116754	2.00%	0.142%
24	15.615	2210	2215	2225	rVB2	29806	60371	1.03%	0.073%
25	15.757	2236	2239	2247	rVB2	31463	67207	1.15%	0.082%
26	15.992	2273	2279	2286	rBV7	46850	103734	1.77%	0.126%
27	16.327	2329	2336	2341	rBV4	42062	85101	1.46%	0.103%
28	16.833	2418	2422	2430	rVB	56660	103030	1.76%	0.125%
29	17.015	2447	2453	2457	rBV	1332232	2001709	34.24%	2.432%
30	17.057	2457	2460	2464	rVV	683724	923792	15.80%	1.122%
31	17.115	2464	2470	2473	rVV	1791116	2707585	46.31%	3.290%
32	17.145	2473	2475	2481	rVV	484556	645438	11.04%	0.784%
33	17.204	2481	2485	2491	rVB3	44947	82206	1.41%	0.100%
34	17.533	2538	2541	2547	rVB	44583	67654	1.16%	0.082%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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	17.598	2549	2552	2561	rVB6	28773	70742	1.21%	0.086%
36	17.892	2597	2602	2606	rBV	169503	249892	4.27%	0.304%
37	17.939	2606	2610	2615	rVB	176035	260334	4.45%	0.316%
38	18.021	2615	2624	2629	rBV	159092	286747	4.90%	0.348%
39	18.086	2629	2635	2639	rVV2	415632	740407	12.66%	0.900%
40	18.121	2639	2641	2650	rVB	114397	149806	2.56%	0.182%
41	18.398	2683	2688	2692	rVB	166516	224860	3.85%	0.273%
42	18.645	2726	2730	2735	rBV2	49550	63940	1.09%	0.078%
43	18.692	2735	2738	2742	rVV	60395	81890	1.40%	0.099%
44	18.733	2742	2745	2749	rVB2	55245	71284	1.22%	0.087%
45	18.815	2754	2759	2763	rBV	157384	285653	4.89%	0.347%
46	18.880	2765	2770	2773	rVV3	81142	129008	2.21%	0.157%
47	18.951	2779	2782	2785	rBV2	51069	78946	1.35%	0.096%
48	19.080	2798	2804	2811	rVB	3224093	4466689	76.40%	5.427%
49	19.145	2811	2815	2819	rBV	68024	89679	1.53%	0.109%
50	19.180	2819	2821	2825	rVB3	50089	58779	1.01%	0.071%
51	19.233	2825	2830	2834	rBV	352572	459363	7.86%	0.558%
52	19.327	2841	2846	2848	rBV2	81476	125492	2.15%	0.152%
53	19.415	2855	2861	2864	rBV2	2630766	4204793	71.92%	5.109%
54	19.445	2864	2866	2875	rVV	2634028	3403430	58.21%	4.135%
55	19.521	2875	2879	2885	rVB3	164699	267790	4.58%	0.325%
56	19.627	2892	2897	2903	rBV	217397	310525	5.31%	0.377%
57	19.774	2916	2922	2930	rBV4	250054	614347	10.51%	0.746%
58	19.909	2940	2945	2946	rBV3	185306	258793	4.43%	0.314%
59	19.945	2947	2951	2958	rVB	941380	1318021	22.54%	1.601%
60	20.045	2963	2968	2972	rVV	935746	1272565	21.77%	1.546%
61	20.103	2972	2978	2982	rVV3	342032	622218	10.64%	0.756%
62	20.145	2982	2985	2988	rVV	99714	123388	2.11%	0.150%
63	20.192	2988	2993	2998	rVV5	93409	201259	3.44%	0.245%
64	20.245	2998	3002	3005	rVV	173330	265372	4.54%	0.322%
65	20.292	3006	3010	3019	rVB2	221537	426255	7.29%	0.518%
66	20.474	3037	3041	3043	rBV	75799	92251	1.58%	0.112%
67	20.539	3048	3052	3055	rVV2	104828	165610	2.83%	0.201%
68	20.568	3055	3057	3062	rVB2	107119	135579	2.32%	0.165%
69	20.656	3067	3072	3077	rVV	161139	300612	5.14%	0.365%
70	20.703	3077	3080	3085	rVB4	104140	176861	3.02%	0.215%
71	20.862	3103	3107	3110	rBV	323997	396847	6.79%	0.482%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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	20.897	3110	3113	3116	rVV	273605	309519	5.29%	0.376%
73	20.939	3116	3120	3125	rVV2	282098	409510	7.00%	0.498%
74	21.097	3145	3147	3151	rVB	72719	76858	1.31%	0.093%
75	21.203	3159	3165	3170	rBV2	2839949	5846750	100.00%	7.104%
76	21.250	3170	3173	3183	rVB	1829923	2485557	42.51%	3.020%
77	21.368	3189	3193	3198	rBV	435179	572307	9.79%	0.695%
78	21.421	3199	3202	3207	rVB2	164193	210344	3.60%	0.256%
79	21.480	3209	3212	3215	rVB2	110187	133921	2.29%	0.163%
80	21.521	3215	3219	3225	rBV3	211029	437415	7.48%	0.531%
81	21.756	3253	3259	3263	rVV	361998	621070	10.62%	0.755%
82	21.809	3263	3268	3274	rVB2	222297	436228	7.46%	0.530%
83	21.909	3282	3285	3289	rVV2	203390	254572	4.35%	0.309%
84	21.956	3289	3293	3295	rVV	249150	384319	6.57%	0.467%
85	21.986	3295	3298	3304	rVV2	383843	576408	9.86%	0.700%
86	22.050	3306	3309	3313	rVB3	154852	224038	3.83%	0.272%
87	22.244	3338	3342	3347	rBV5	170002	339968	5.81%	0.413%
88	22.756	3421	3429	3434	rBV2	1554451	4081952	69.82%	4.960%
89	22.927	3453	3458	3468	rVB	439698	760163	13.00%	0.924%
90	23.227	3503	3509	3512	rBV	844241	1541912	26.37%	1.873%
91	23.274	3512	3517	3521	rVV2	1640411	3246681	55.53%	3.945%
92	23.321	3521	3525	3532	rVV	1561378	2701351	46.20%	3.282%
93	23.415	3534	3541	3546	rVV	1268185	2494991	42.67%	3.032%
94	23.462	3546	3549	3556	rVB2	465181	794896	13.60%	0.966%
95	25.068	3818	3822	3833	rVB5	210261	509139	8.71%	0.619%
96	25.609	3905	3914	3926	rBV	719739	2171575	37.14%	2.639%
97	26.279	4020	4028	4038	rBV2	407884	1215404	20.79%	1.477%
98	27.244	4188	4192	4207	rVB9	238287	750176	12.83%	0.911%

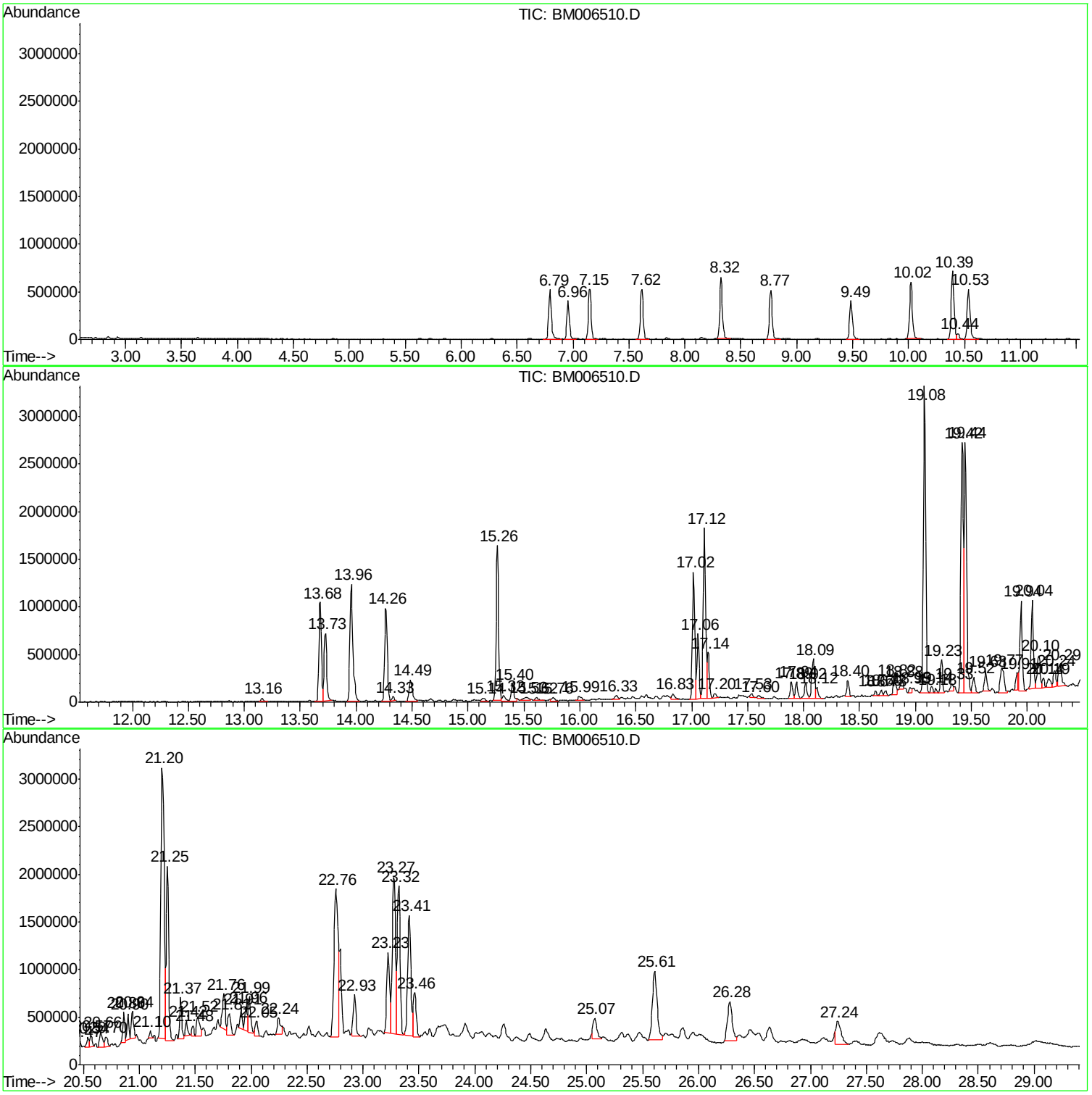
Sum of corrected areas: 82302084

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

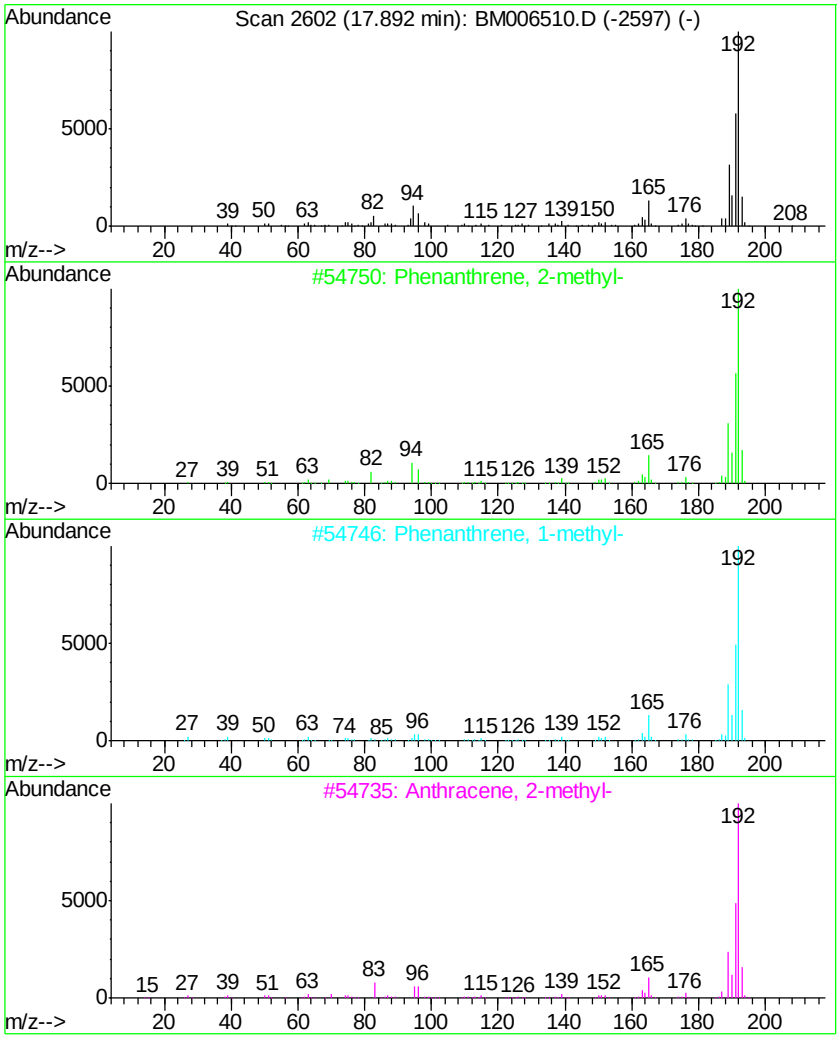
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

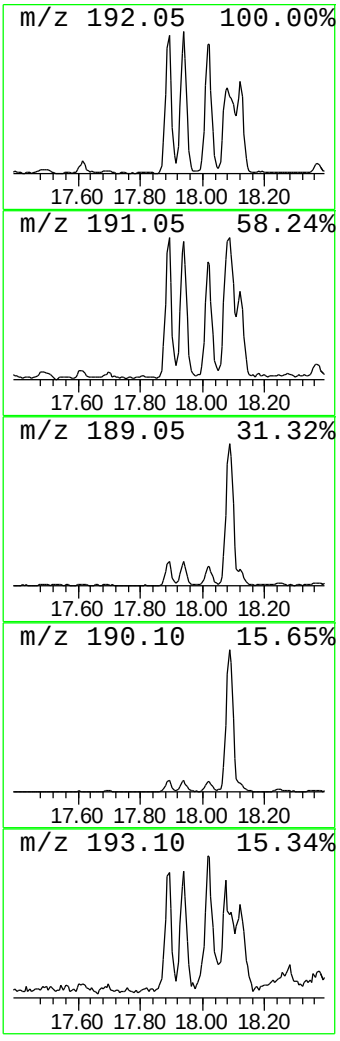
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.50 ng/ul	249892	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

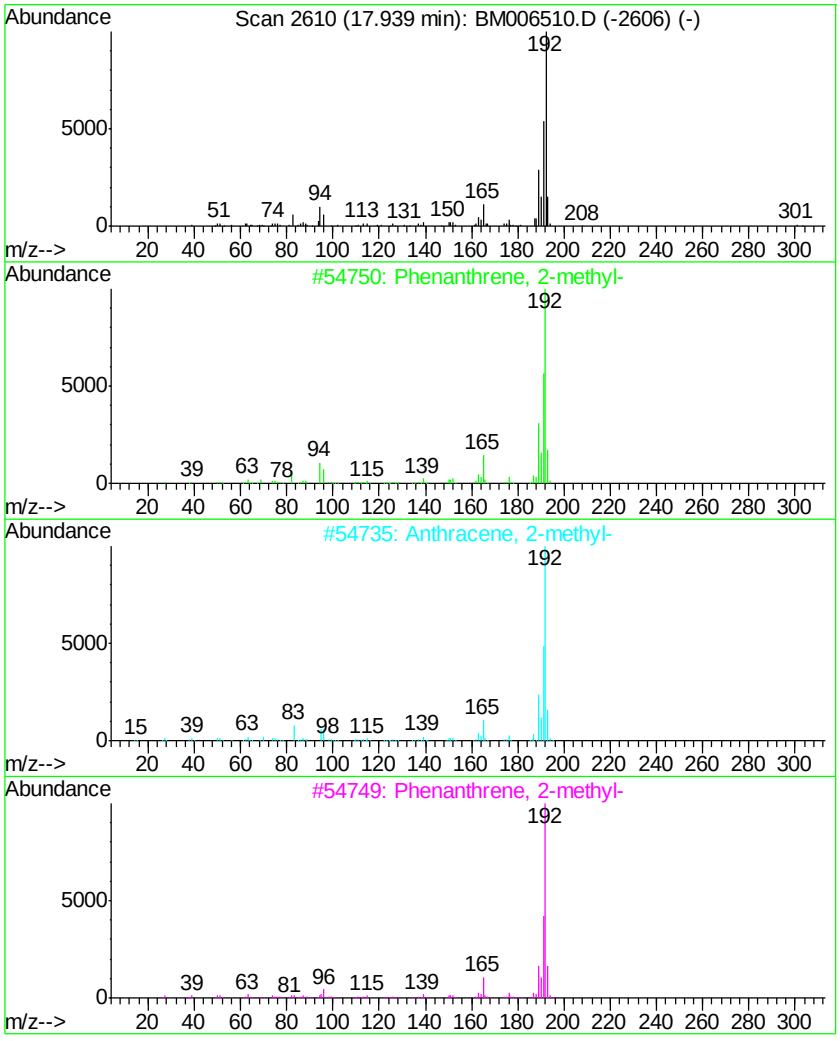
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

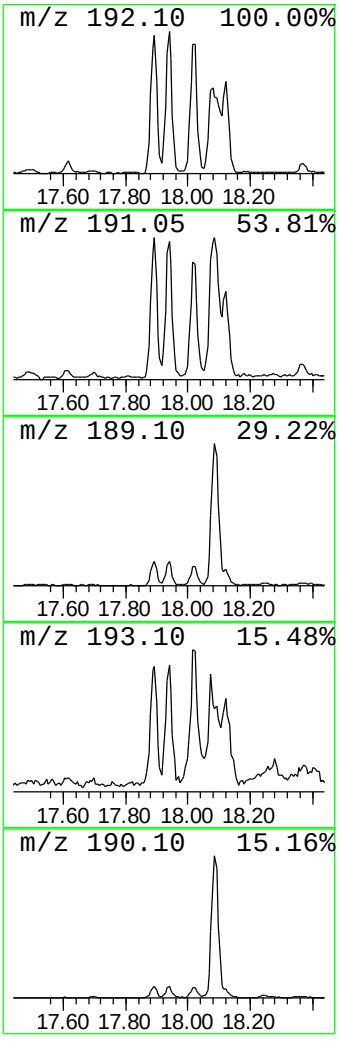
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.60 ng/ul	260334	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

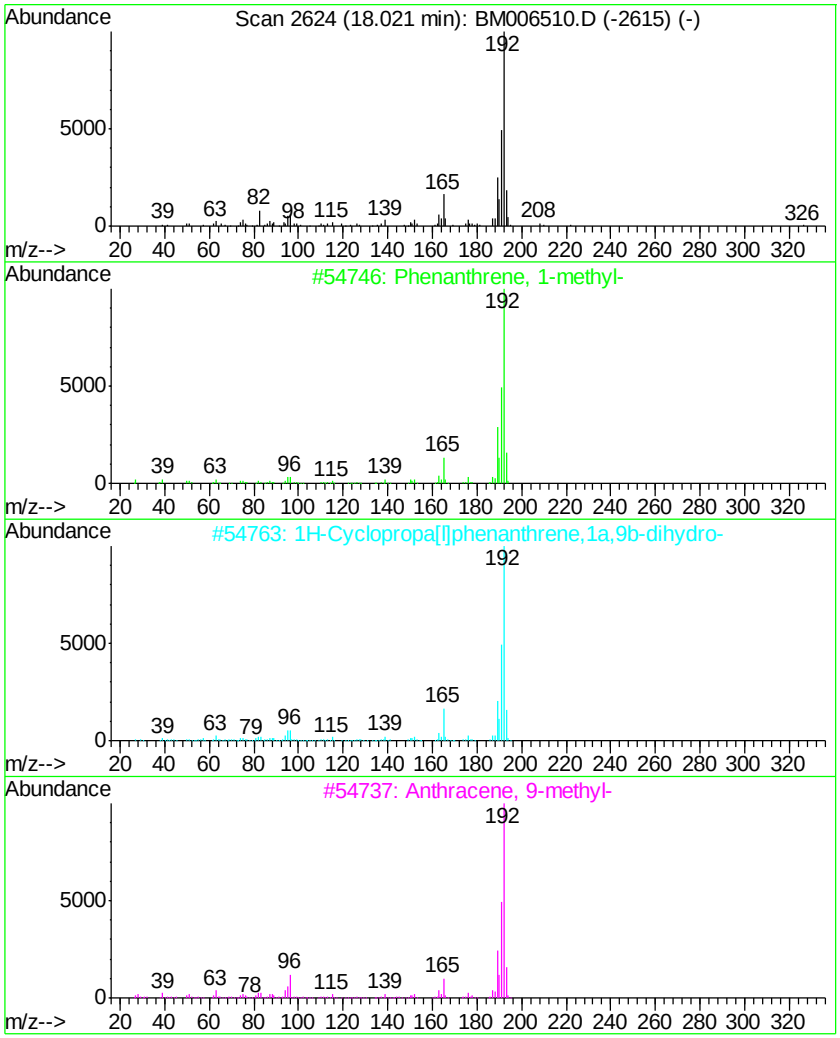
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

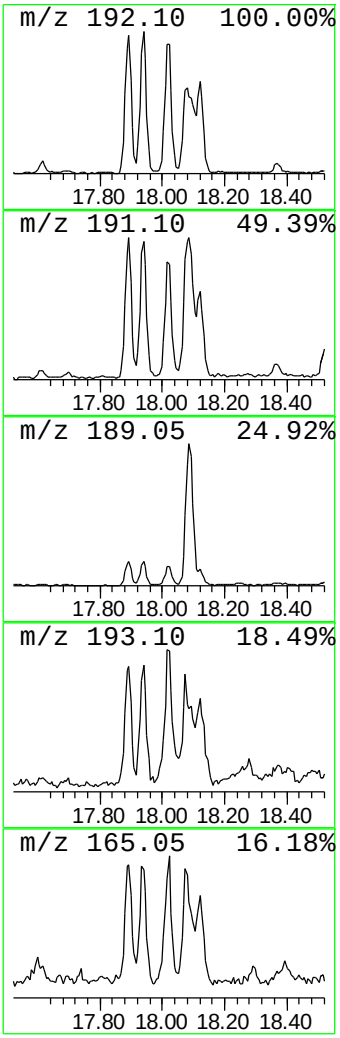
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.87 ng/ul	286747	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

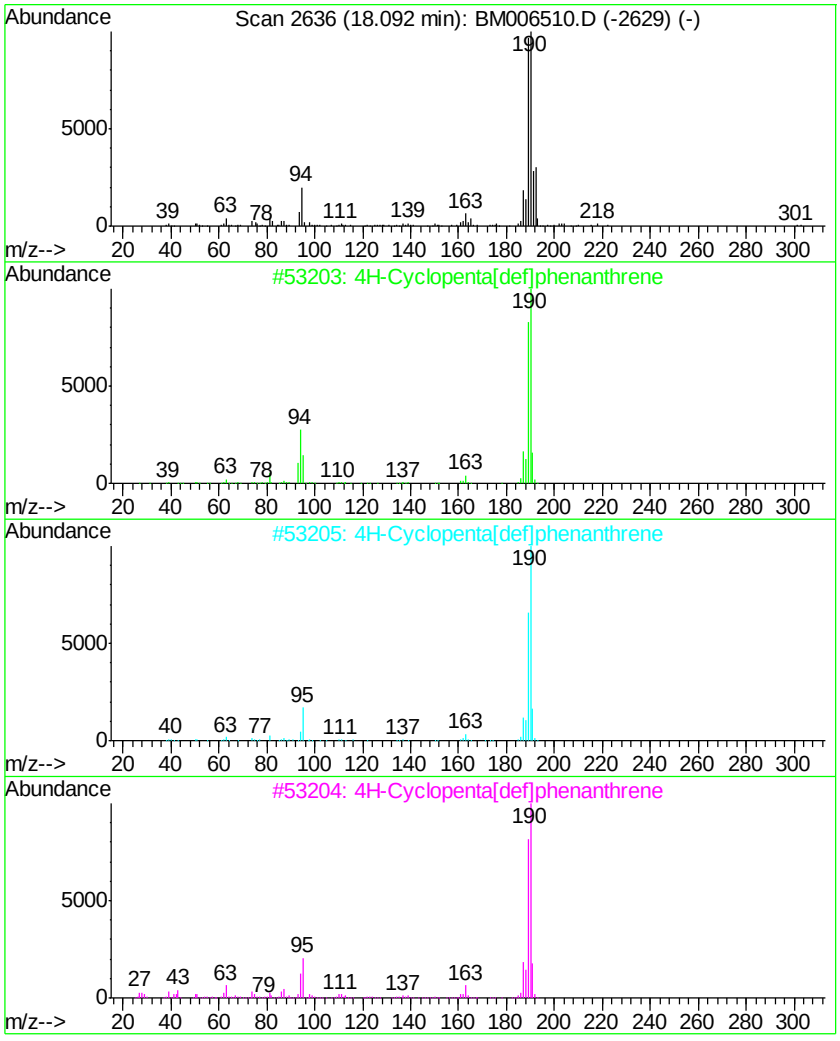
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

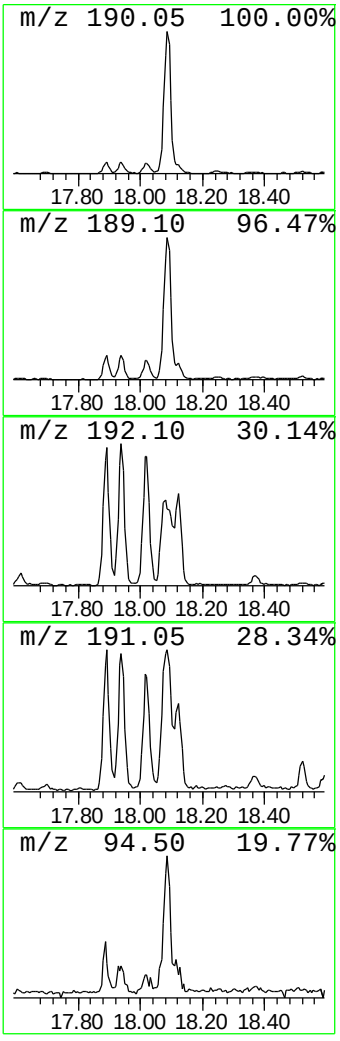
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	7.40 ng/ul	740407	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

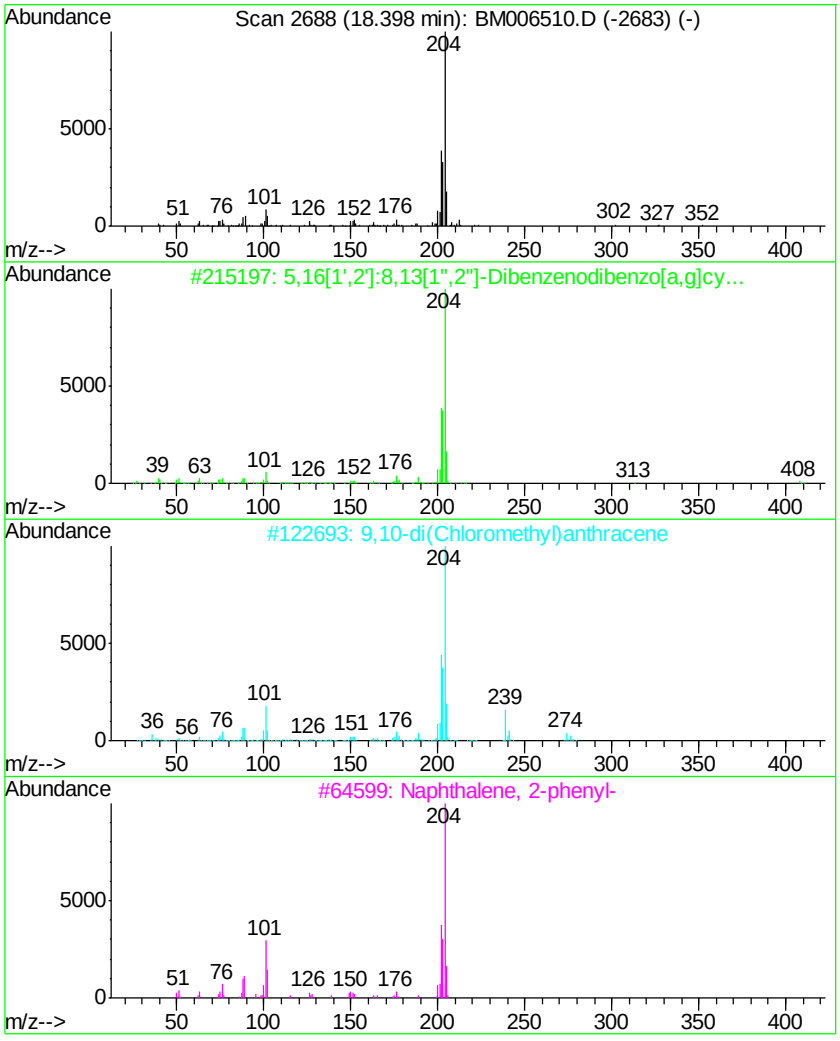
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

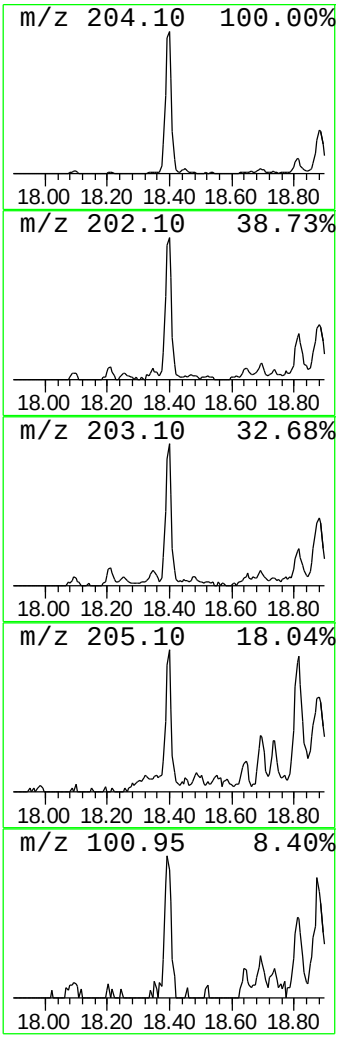
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.25 ng/ul	224860	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

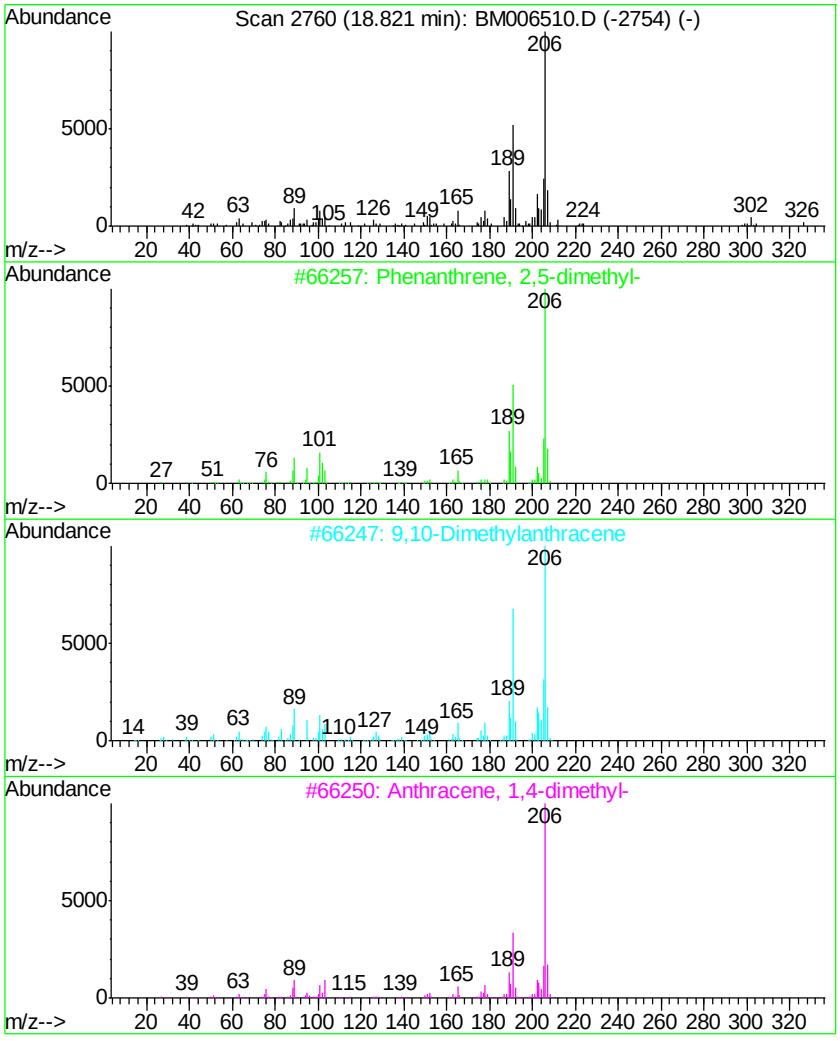
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

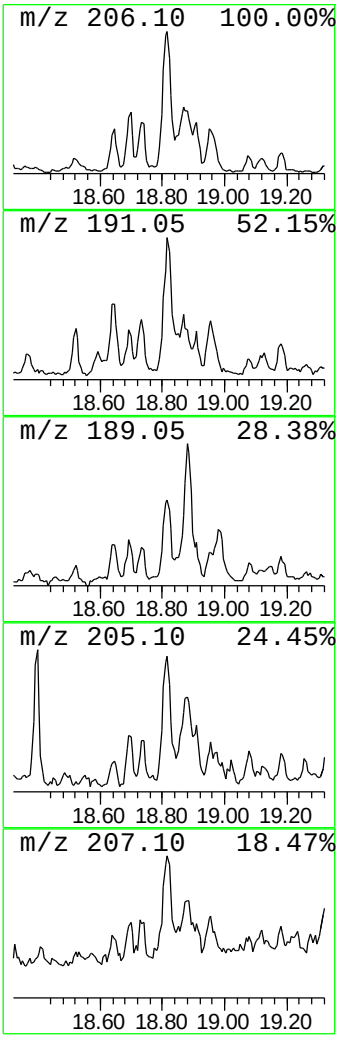
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.85 ng/ul	285653	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

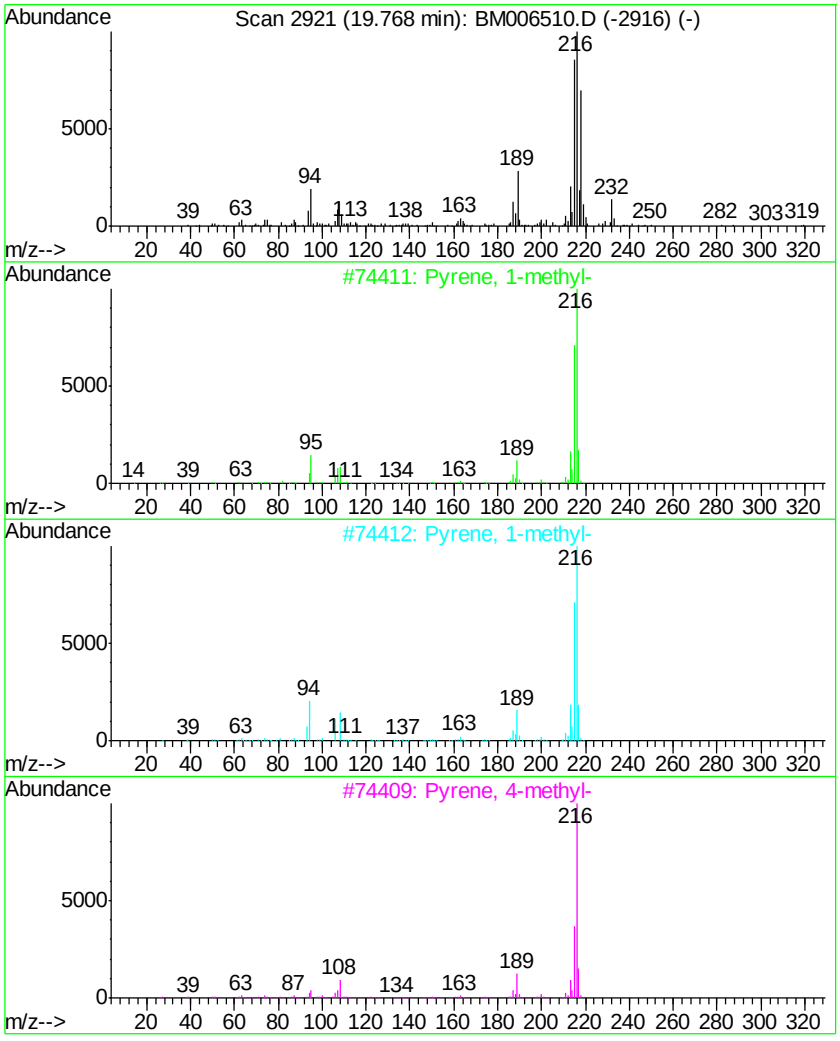
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

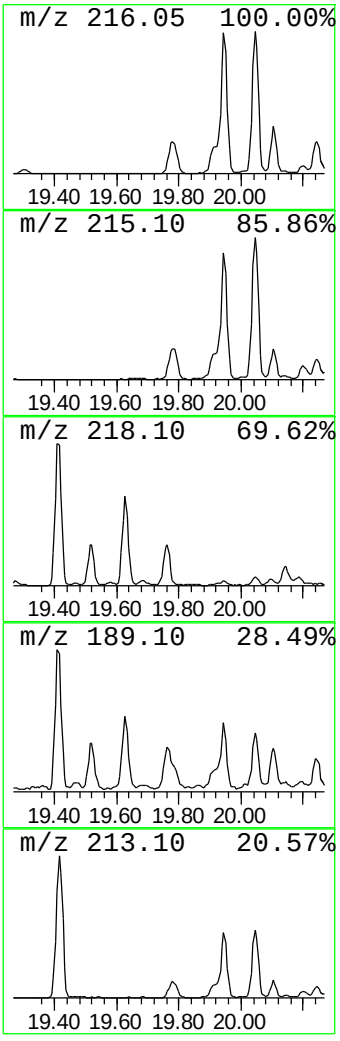
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.10 ng/ul	614347	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

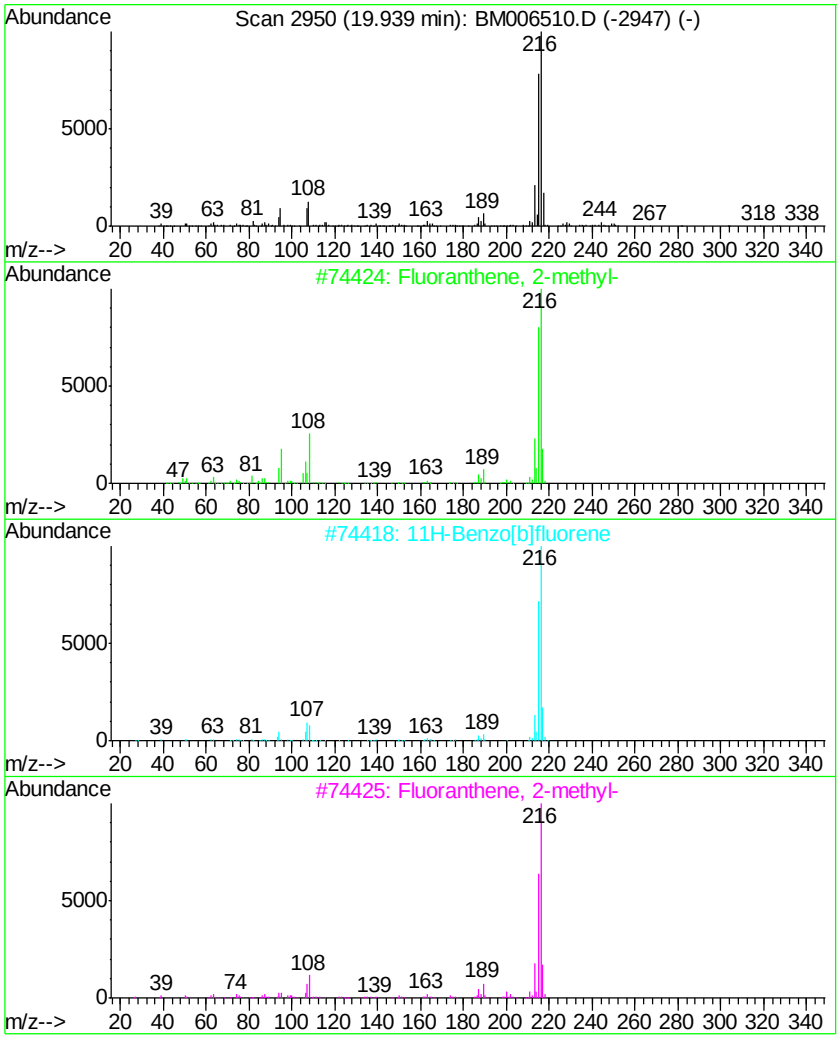
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

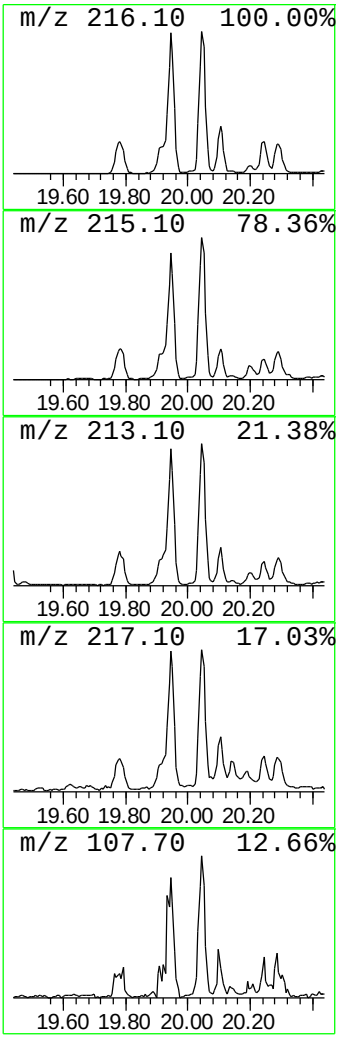
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	4.51 ng/ul	1318020	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

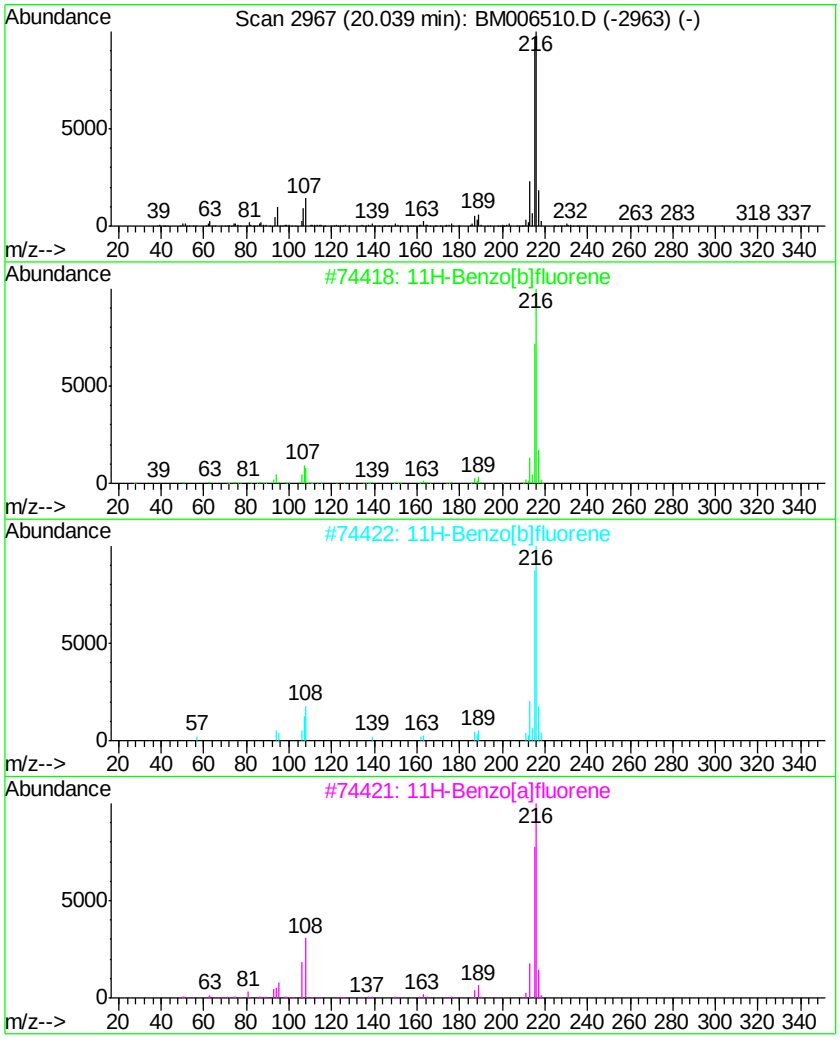
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

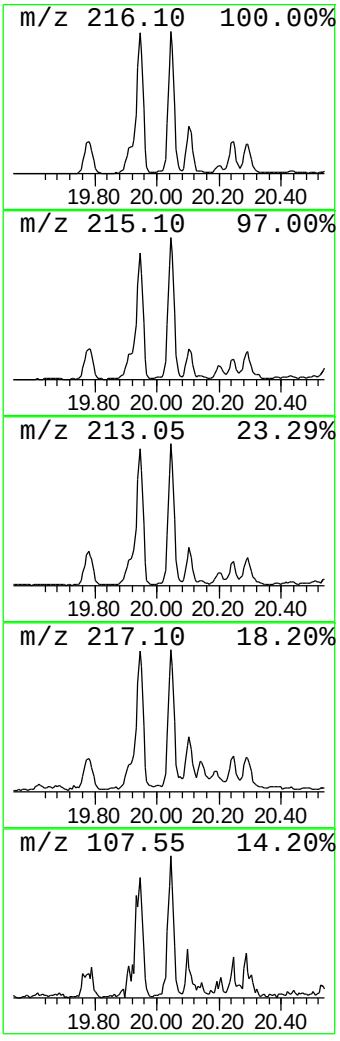
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	4.35 ng/ul	1272570	Chrysene-d12	21.22

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	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

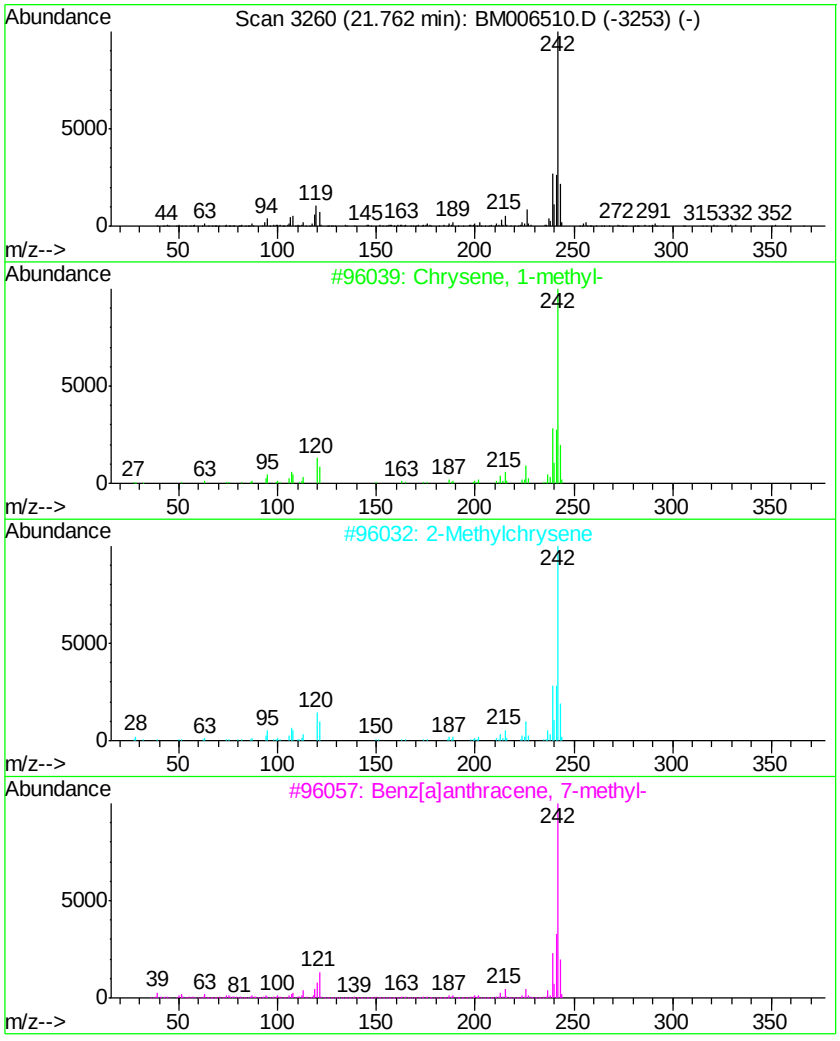
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

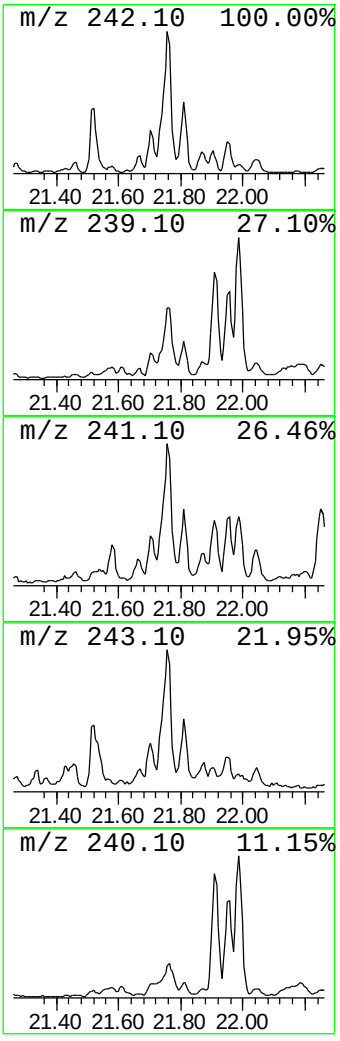
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.12 ng/ul	621070	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	2-Methylchrysene	242	C19H14	003351-32-4	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

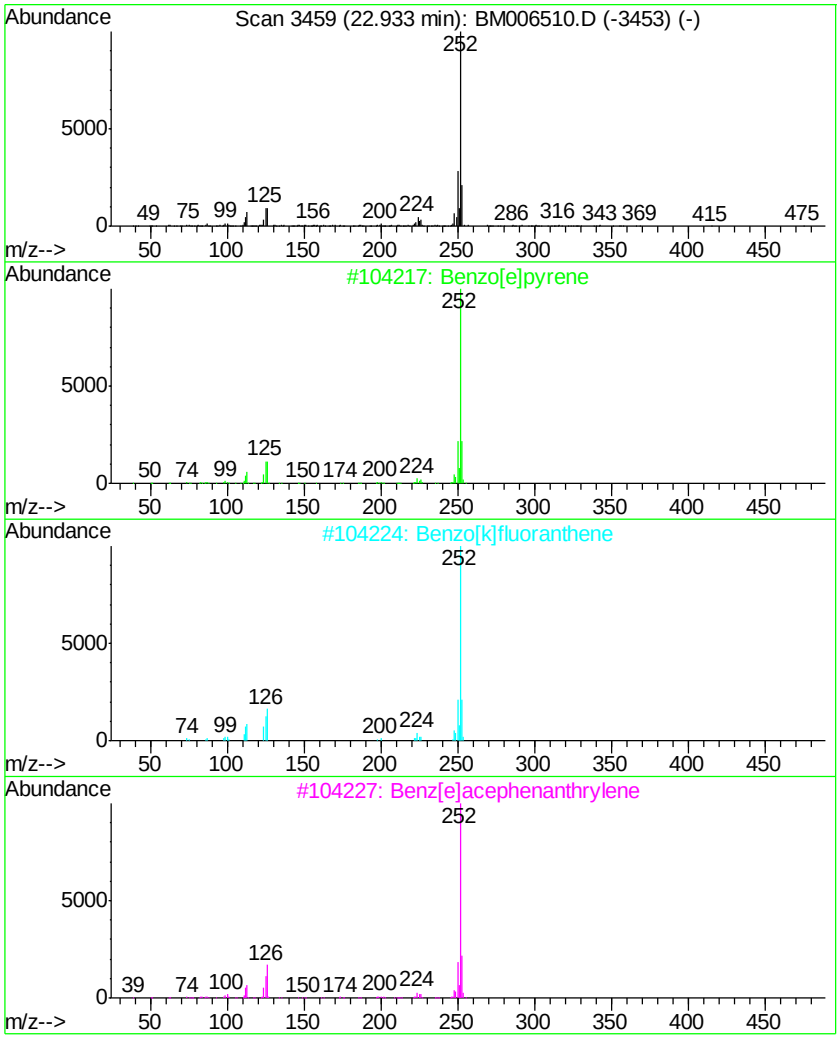
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

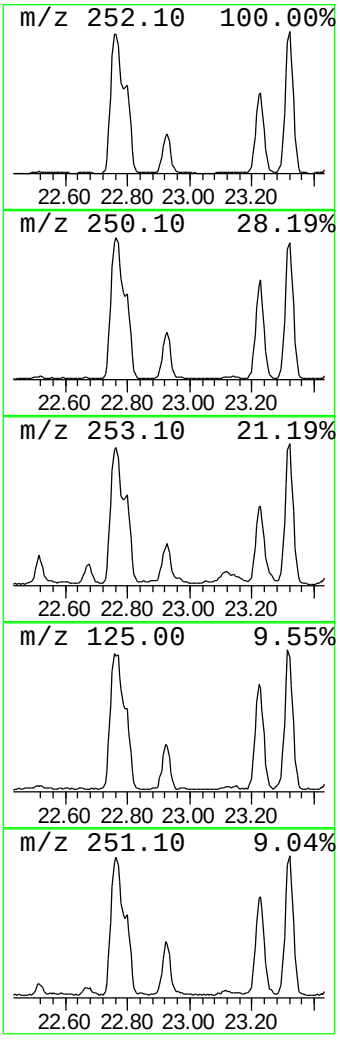
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	6.09 ng/ul	760163	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

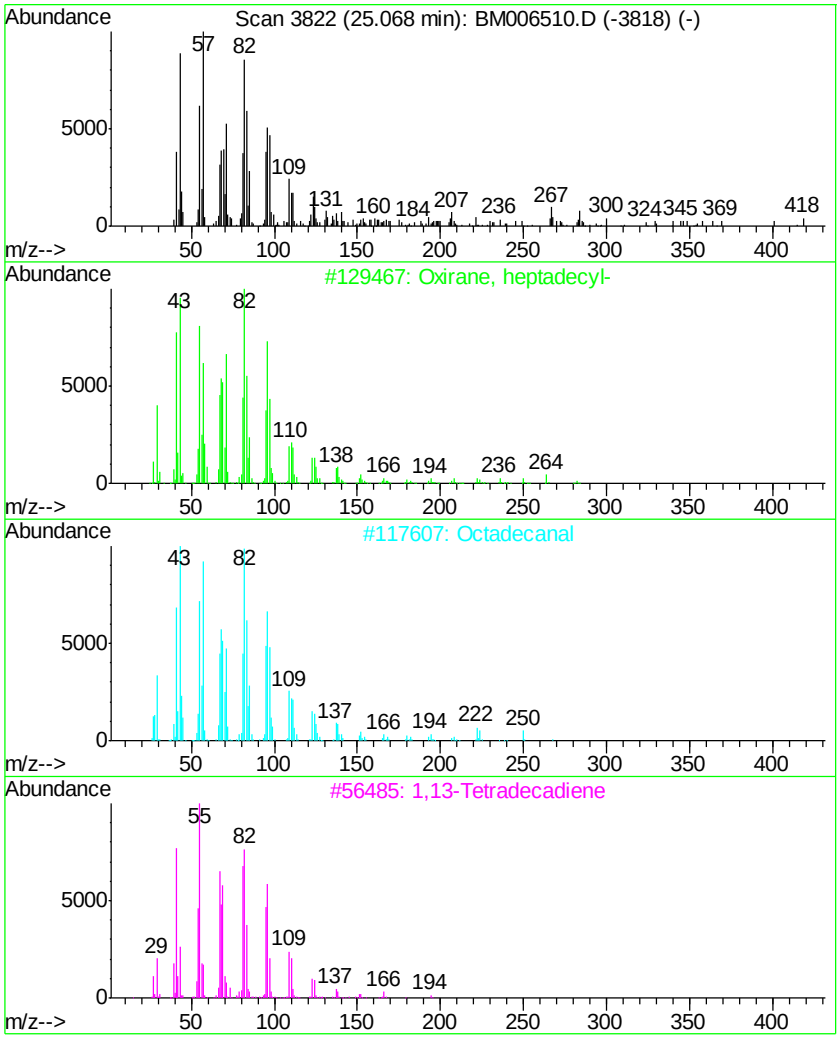
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

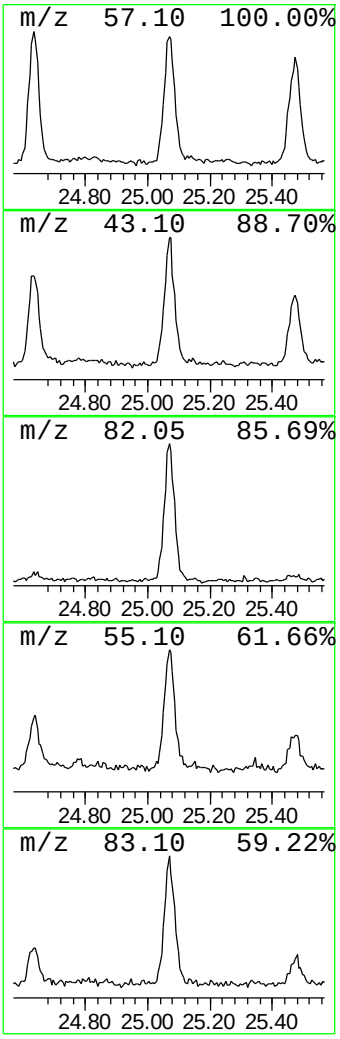
****

Peak Number 13 Oxirane, heptadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.07	4.08 ng/ul	509139	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2	Octadecanal	268	C18H36O	000638-66-4	90
3	1,13-Tetradecadiene	194	C14H26	021964-49-8	83
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
5	Octadecanal	268	C18H36O	000638-66-4	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

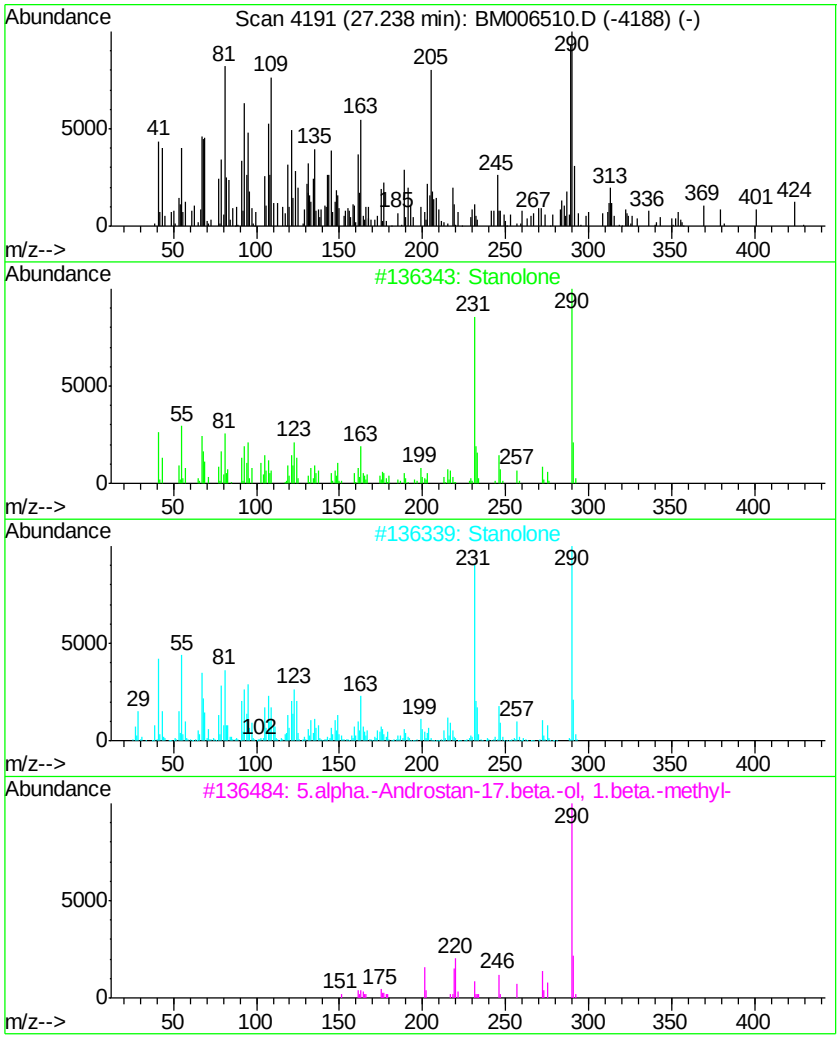
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

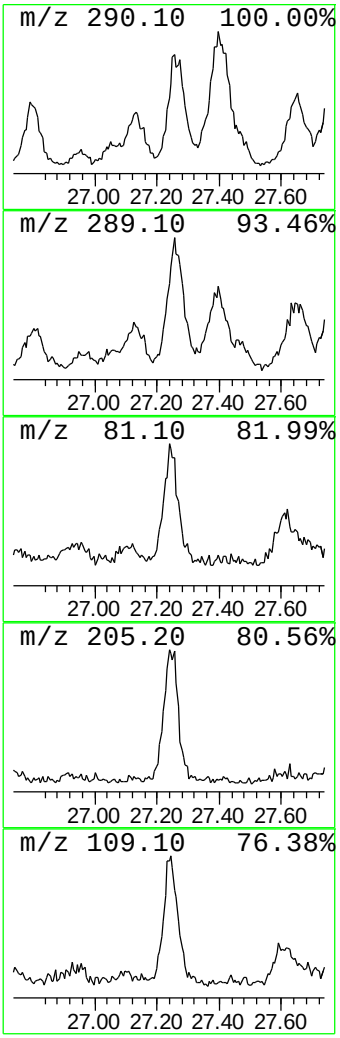
****

Peak Number 14 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.24	6.01 ng/ul	750176	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stanolone	290	C19H30O2	000521-18-6	38
2	Stanolone	290	C19H30O2	000521-18-6	38
3	5.alpha.-Androstan-17.beta.-ol, ...	290	C20H34O	005846-88-8	27
4	Androstenediol	290	C19H30O2	000521-17-5	25
5	2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006510.D
Acq On : 17 Jul 2016 11:10
Operator : UM/SJ
Sample : H3985-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ41

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2-m...	17.89	2.5	ng/ul	249892	4	17.02	2001710	20.0
Anthracene, 2-met...	17.94	2.6	ng/ul	260334	4	17.02	2001710	20.0
Phenanthrene, 1-m...	18.02	2.9	ng/ul	286747	4	17.02	2001710	20.0
4H-Cyclopenta[def...	18.09	7.4	ng/ul	740407	4	17.02	2001710	20.0
5,16[1',2']:8,13[...	18.40	2.3	ng/ul	224860	4	17.02	2001710	20.0
Phenanthrene, 2,5...	18.82	2.9	ng/ul	285653	4	17.02	2001710	20.0
Pyrene, 1-methyl-	19.77	2.1	ng/ul	614347	5	21.22	5846750	20.0
Fluoranthene, 2-m...	19.94	4.5	ng/ul	1318020	5	21.22	5846750	20.0
11H-Benzo[b]fluorene	20.04	4.3	ng/ul	1272570	5	21.22	5846750	20.0
Chrysene, 1-methyl-	21.76	2.1	ng/ul	621070	5	21.22	5846750	20.0
Benzo[e]pyrene	22.93	6.1	ng/ul	760163	6	23.41	2494990	20.0
Oxirane, heptadecyl-	25.07	4.1	ng/ul	509139	6	23.41	2494990	20.0
unknown-01	27.24	6.0	ng/ul	750176	6	23.41	2494990	20.0