Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012518.D
Acq On : 28 Oct 2017 10:50
Operator : SJ/JU
Sample : I5786-07 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 30 05:38:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	525696	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1920935	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1068914	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2351635	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2805631	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3180640	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	12361	1.20	ng/uL	0.00
5) Phenol-d5	7.05	99	227535	5.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	138474	5.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	184156	5.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	174032	4.64	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	85525	7.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	93902	7.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	186540	5.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	106204	3.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.91	166	550412	5.89	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	678343	6.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	71347	5.14	ng/ul	0.00
57) Fluorene-d10	15.49	176	471194	5.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	26425	2.32	ng/ul	0.01
70) Anthracene-d10	17.34	188	740305	6.61	ng/ul	0.00
76) Pyrene-d10	19.63	212	830598	6.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	972670	6.44	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.96	163	257235	2.78	ng/ul	99
69) Phenanthrene	17.29	178	620343	4.88	ng/ul	98
71) Anthracene	17.29	178	620343	4.72	ng/ul	96
74) Fluoranthene	19.30	202	848808	5.89	ng/ul#	92
77) Pyrene	19.66	202	799537	5.01	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	425624	2.53	ng/ul#	88
82) Chrysene	21.45	228	419007	2.81	ng/ul#	83
85) Benzo(b)fluoranthene	23.03	252	602587	3.06	ng/ul#	75
86) Benzo(k)fluoranthene	23.03	252	602587	3.26	ng/ul#	73
88) Benzo(a)pyrene	23.63	252	387794	2.07	ng/ul#	81
89) Indeno(1,2,3-cd)pyrene	26.07	276	394775	1.79	ng/ul#	88
91) Benzo(g,h,i)perylene	26.80	276	337840	1.89	ng/ul#	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 28 Oct 2017 10:50
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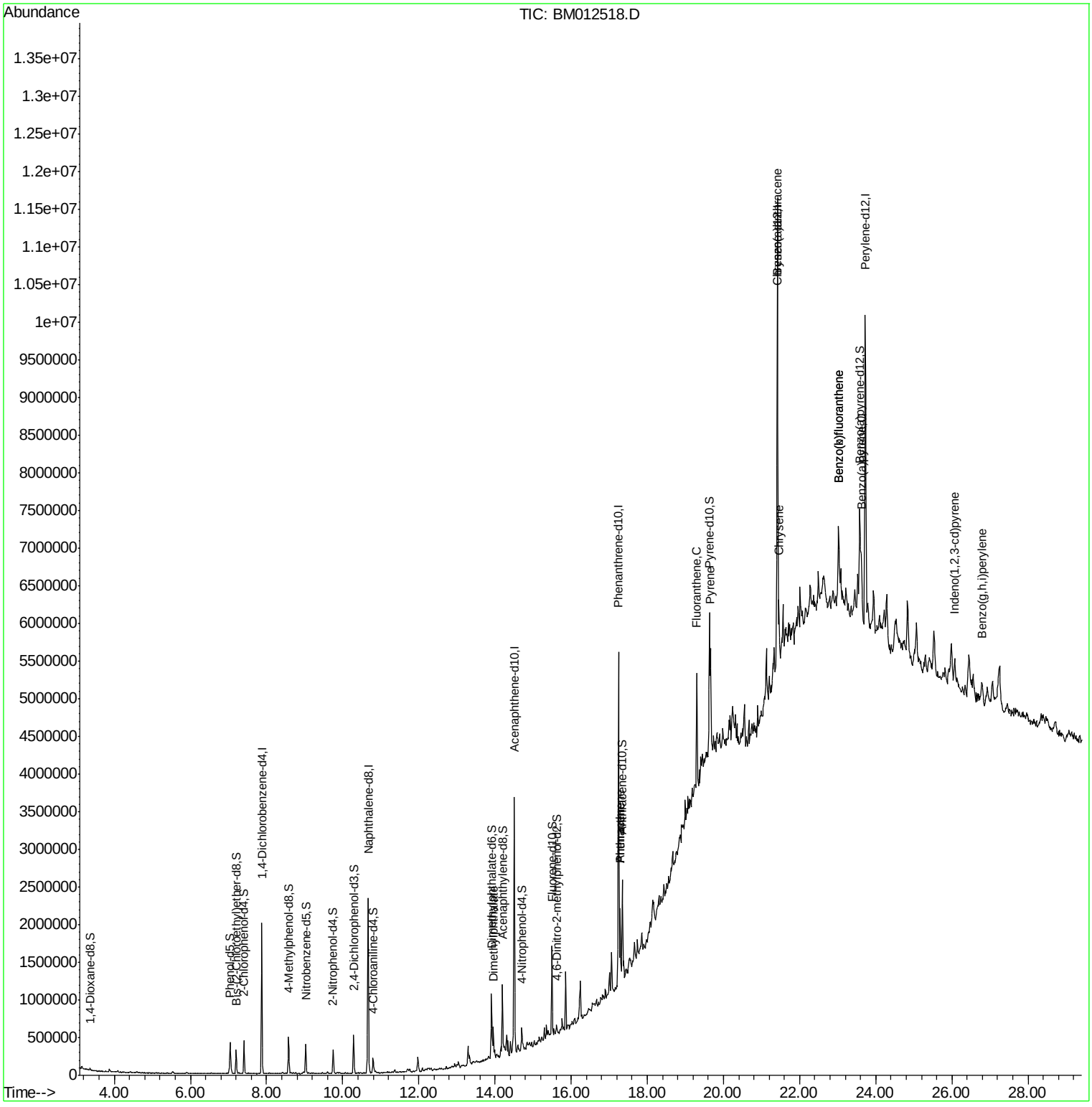
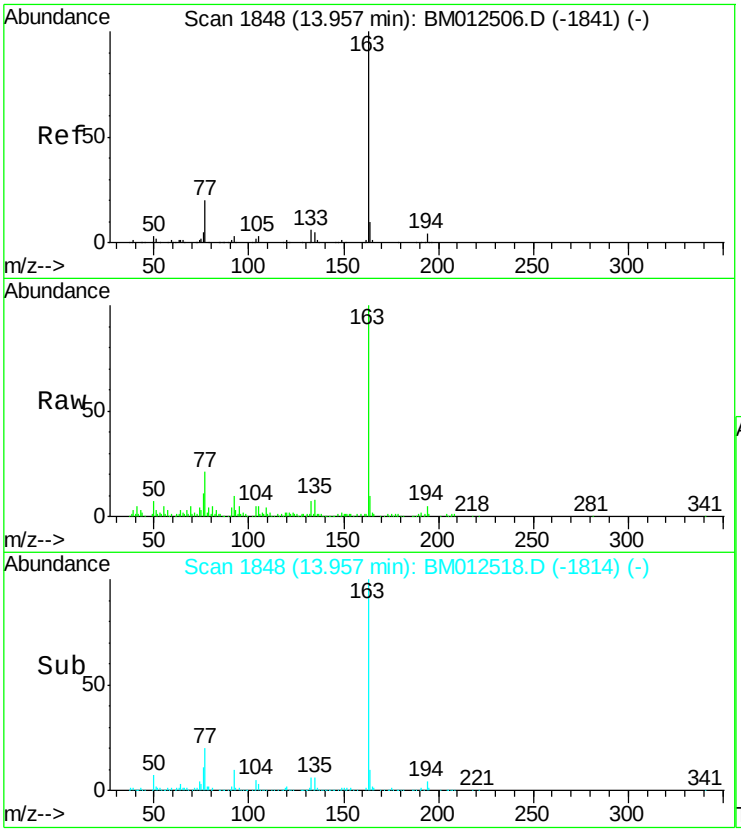
Sample : I5786-07 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 30 05:38:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration



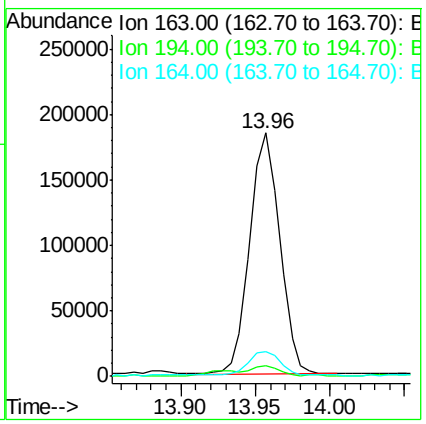


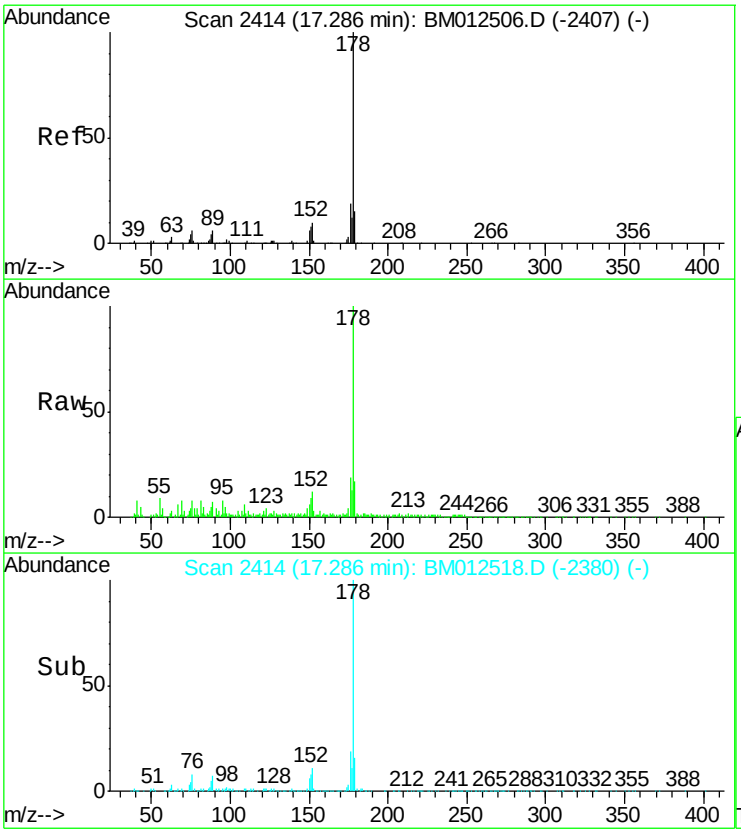
#44
Dimethylphthalate
Concen: 2.78 ng/ul
RT: 13.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 257235

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.0	8.2	12.4

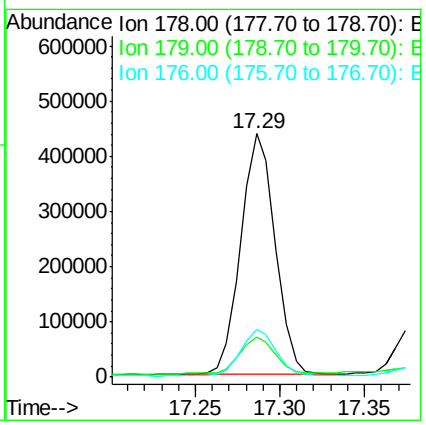


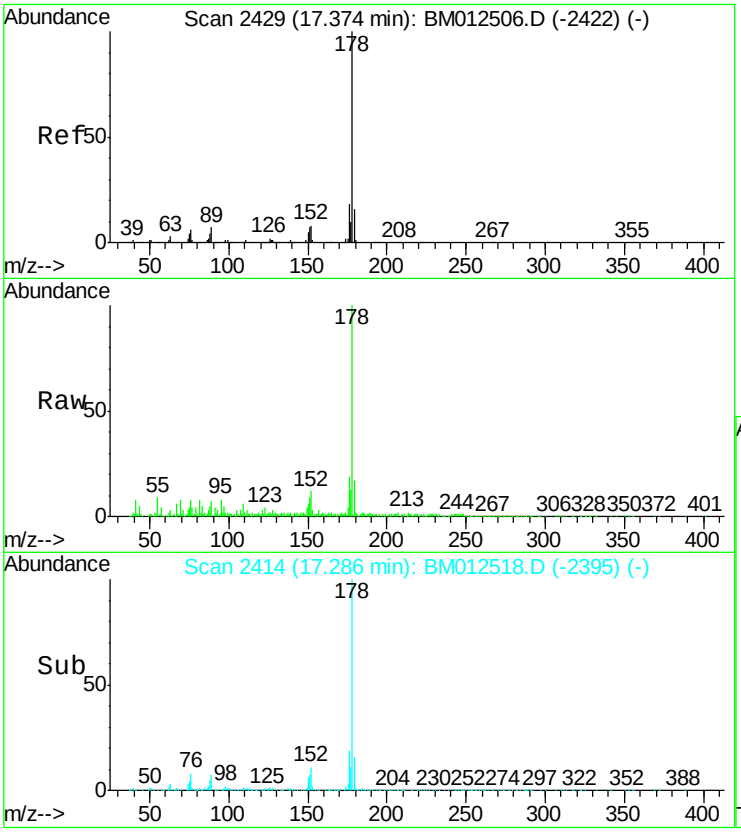


#69
Phenanthrene
Concen: 4.88 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Tgt Ion:178 Resp: 620343

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	19.0
176	19.4	14.9	22.3



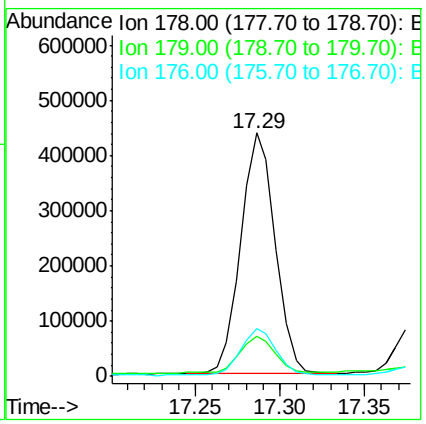


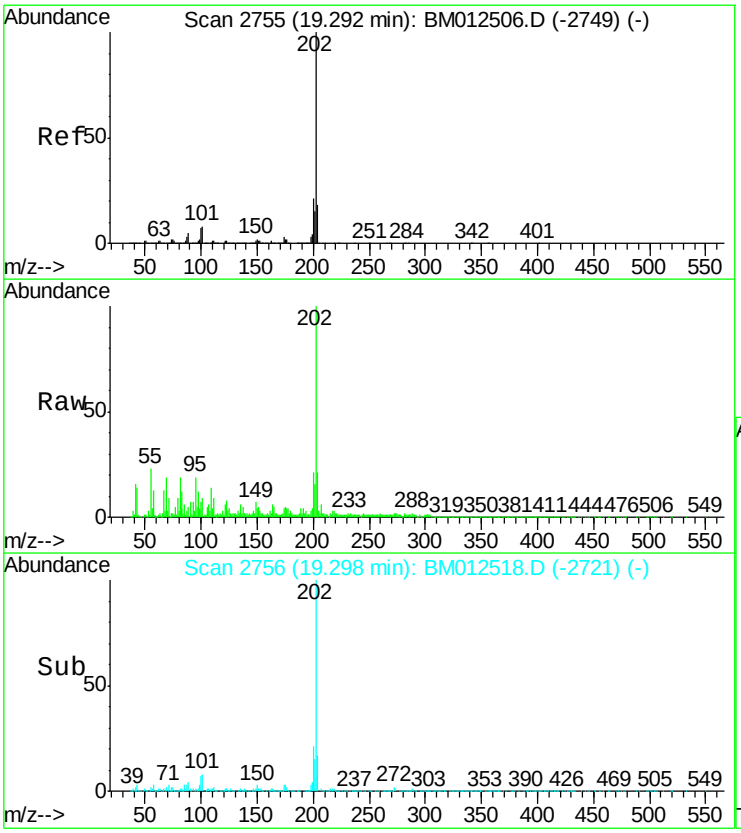
#71
Anthracene
Concen: 4.72 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. -0.09 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 620343

Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	19.4	14.6	21.8

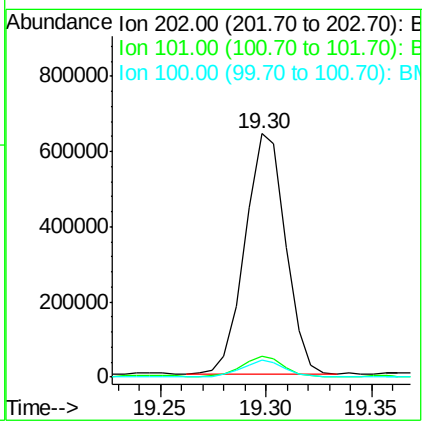


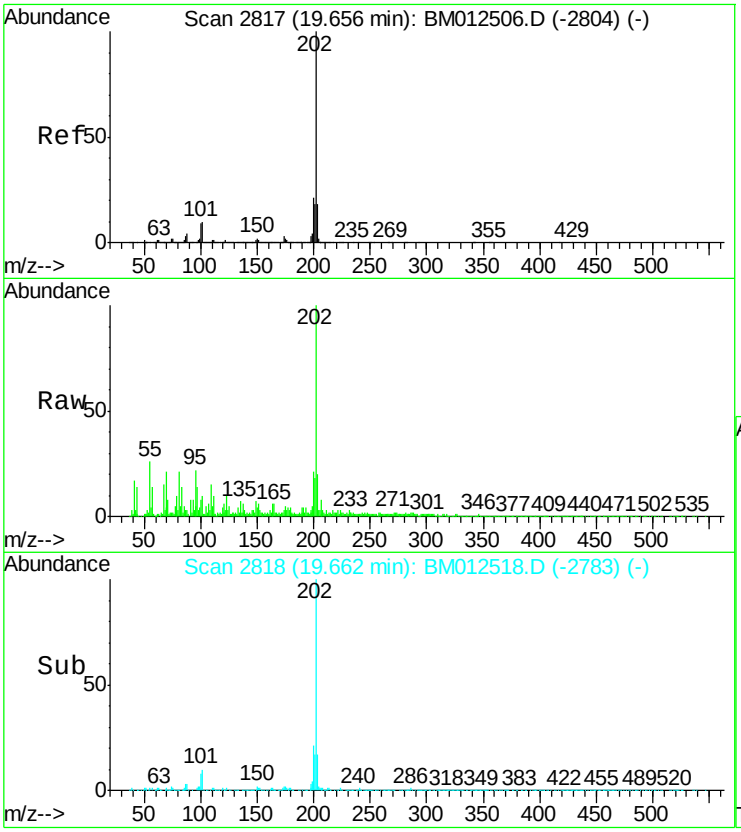


#74
Fluoranthene
Concen: 5.89 ng/ul
RT: 19.30 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Tgt Ion:202 Resp: 848808

Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	7.0	3.4	5.2#



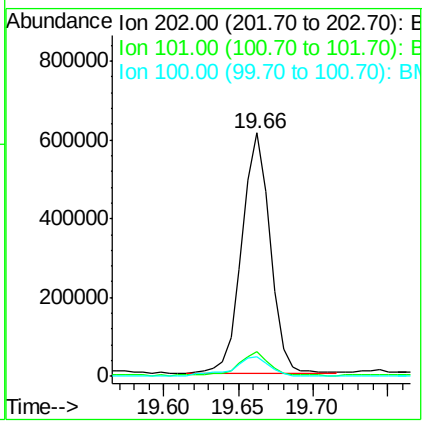


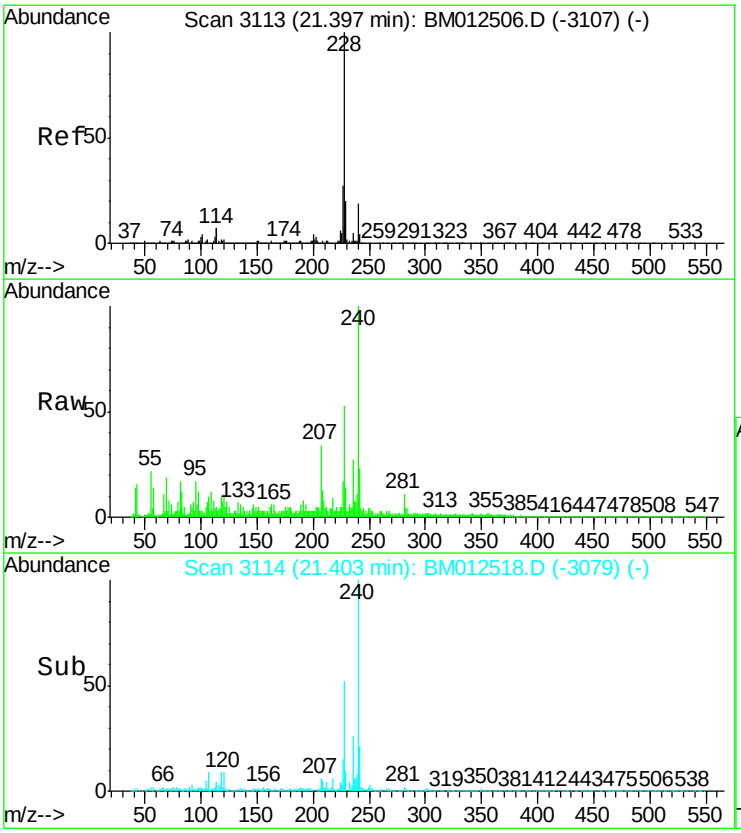
#77
Pyrene
Concen: 5.01 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. 0.01 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 799537

Ion	Ratio	Lower	Upper
202	100		
101	9.9	5.1	7.7#
100	7.9	4.9	7.3#

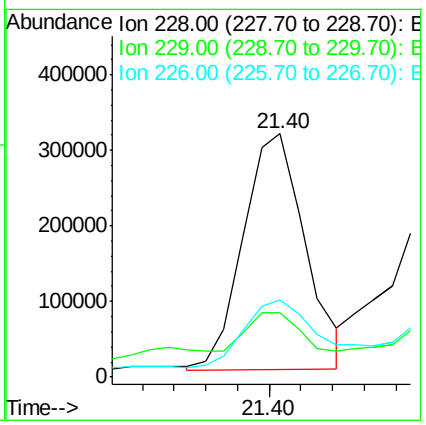


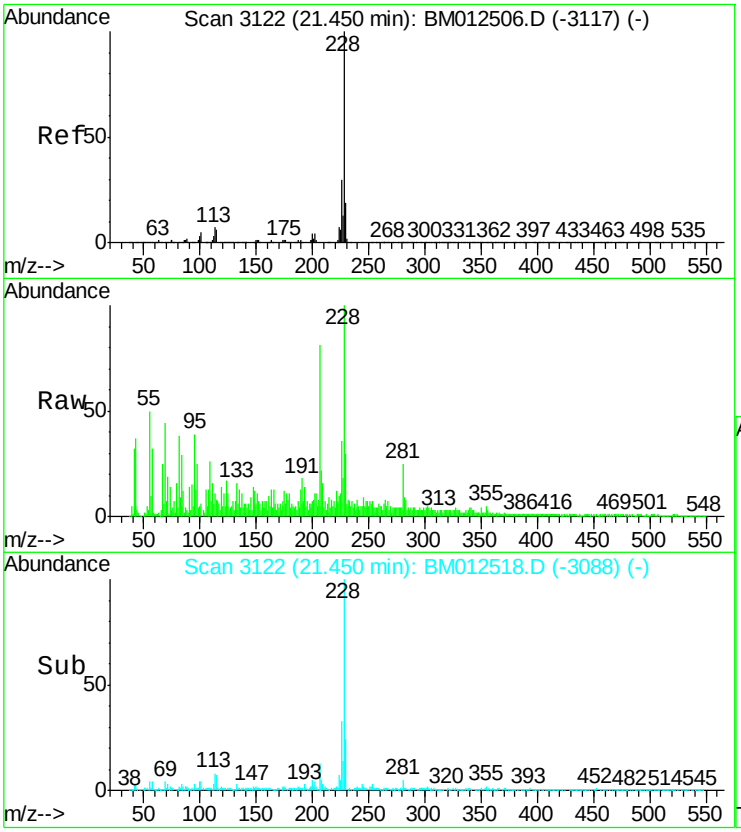


#80
Benzo(a)anthracene
Concen: 2.53 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Tgt Ion:228 Resp: 425624

Ion	Ratio	Lower	Upper
228	100		
229	26.3	15.4	23.0#
226	31.7	21.4	32.0



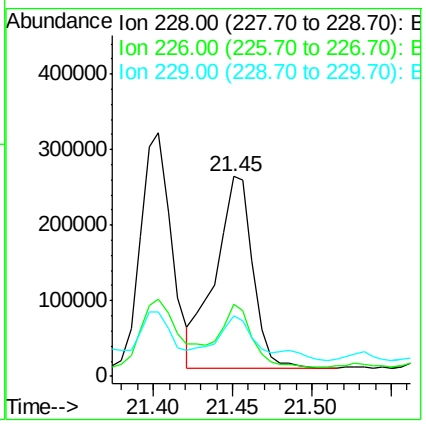


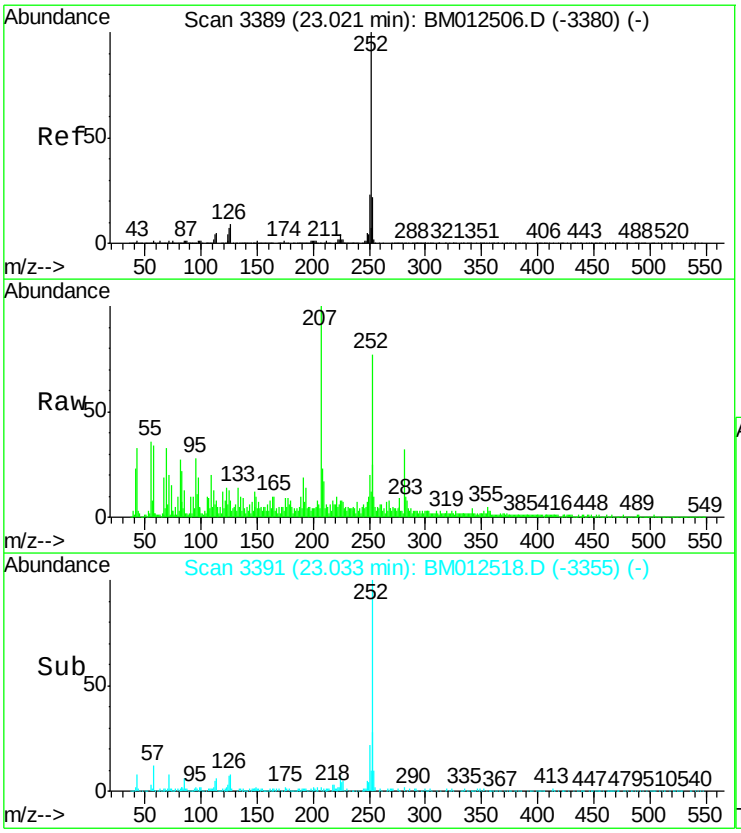
#82
Chrysene
Concen: 2.81 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 419007

Ion	Ratio	Lower	Upper
228	100		
226	36.0	23.4	35.2#
229	30.4	15.5	23.3#

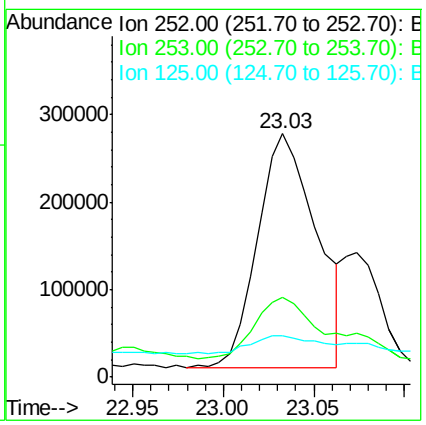


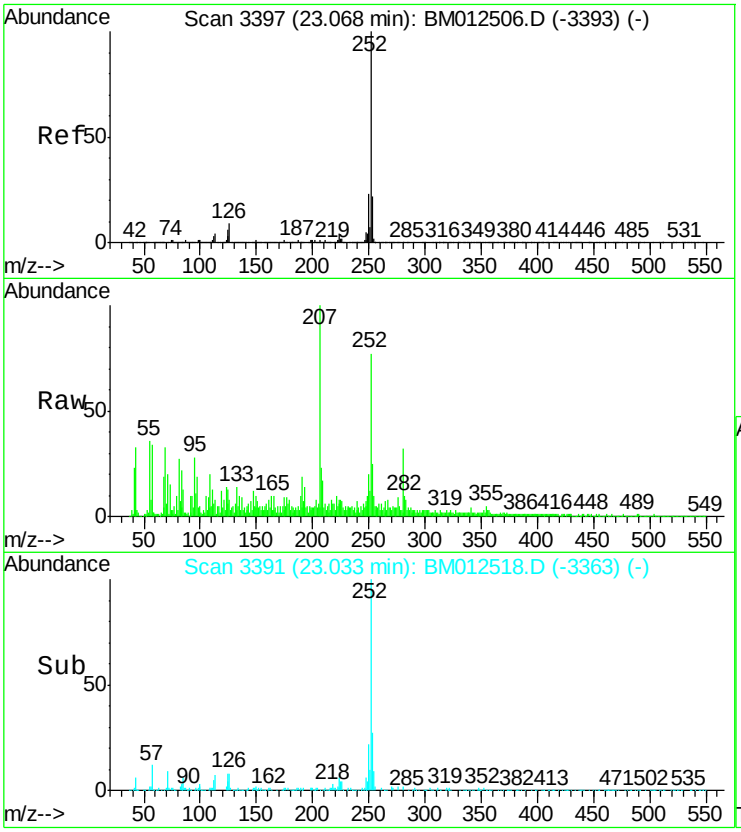


#85
Benzo(b)fluoranthene
Concen: 3.06 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Tgt Ion:252 Resp: 602587

Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.9	26.9#
125	17.1	3.6	5.4#



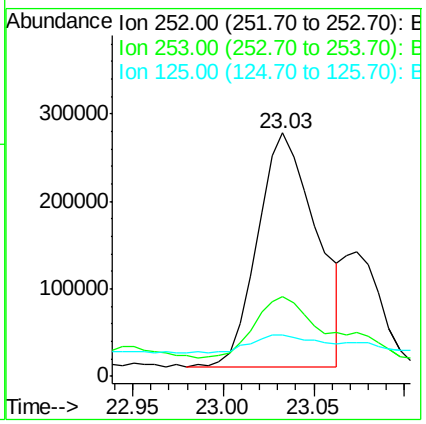


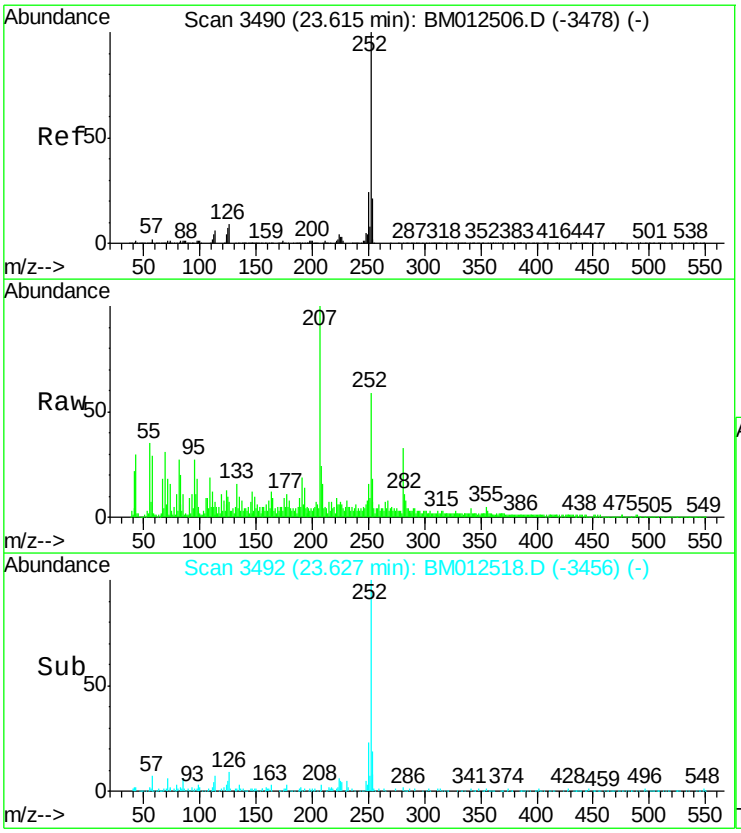
#86
Benzo(k)fluoranthene
Concen: 3.26 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.04 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 602587

Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.1	25.7#
125	17.1	3.4	5.2#

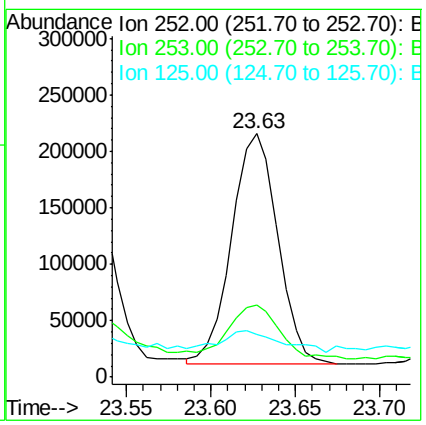


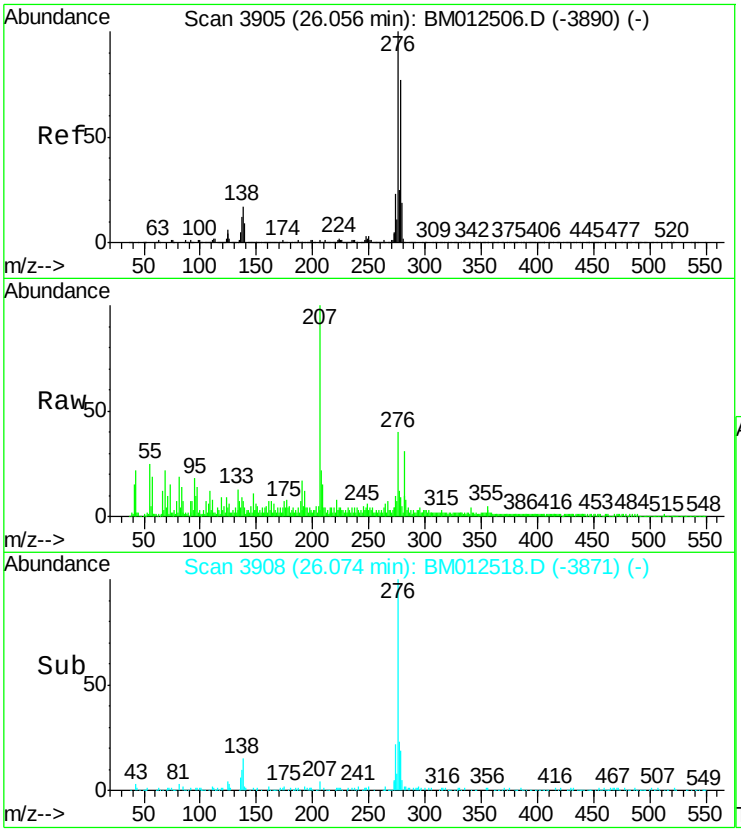


#88
Benzo(a)pyrene
Concen: 2.07 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Tgt Ion:252 Resp: 387794

Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.2	27.2#
125	17.5	4.0	6.0#



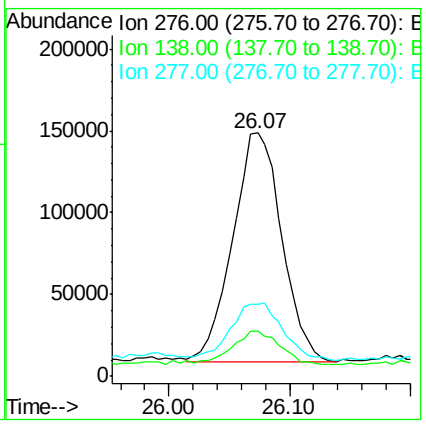


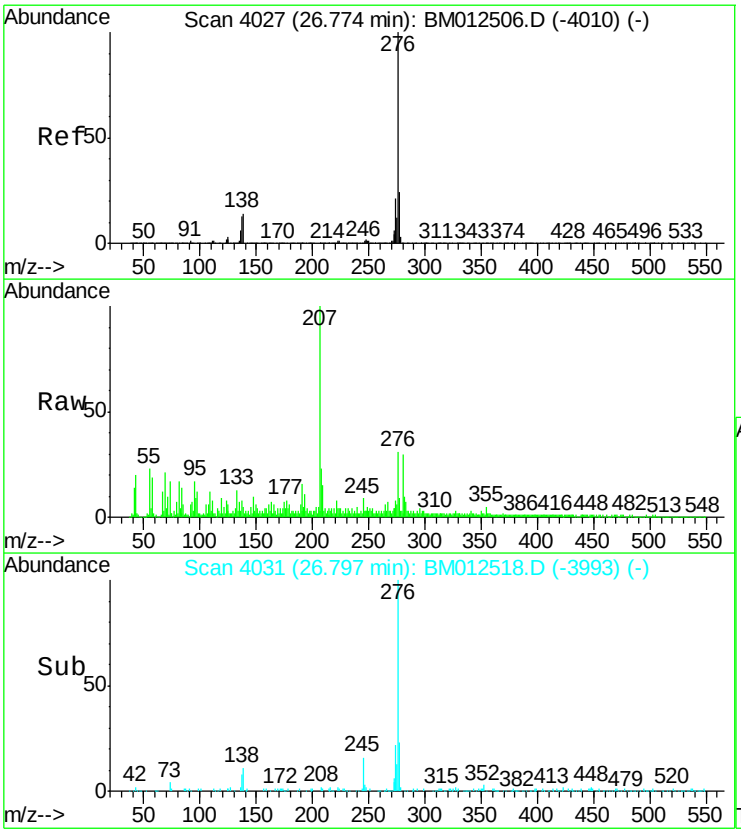
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.79 ng/ul
RT: 26.07 min Scan# 3908
Delta R.T. 0.02 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 394775

Ion	Ratio	Lower	Upper
276	100		
138	18.4	9.3	13.9#
277	29.4	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 1.89 ng/ul
RT: 26.80 min Scan# 4031
Delta R.T. 0.02 min
Lab File: BM012518.D
Acq: 28 Oct 2017 10:50

Tgt Ion:276 Resp: 337840

Ion	Ratio	Lower	Upper
276	100		
138	17.1	8.5	12.7#
277	29.7	18.6	28.0#