Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
Data File : BM003155.D
Acq On : 16 Nov 2015 22:38
Operator : UM/IZ
Sample : G4323-25
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4J45

Quant Time: Nov 17 00:21:55 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 00:18:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	128932	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	565511	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	310835	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	643473	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	641031	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	624062	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	7643	2.79	ng/uL	0.00
5) Phenol-d5	6.90	99	137697	13.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	84326	14.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	121965	14.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	109678	13.35	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	56808	16.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	60748	17.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	109701	14.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	78072	7.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	362879	15.52	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	398876	13.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	45204	11.47	ng/ul	0.00
58) Fluorene-d10	15.39	176	287079	14.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	35555	11.93	ng/ul	0.00
71) Anthracene-d10	17.23	188	376871	13.21	ng/ul	0.00
79) Pyrene-d10	19.53	212	372642	11.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	327902	11.06	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.85	163	230085	9.66	ng/ul	100
70) Phenanthrene	17.17	178	140996	3.87	ng/ul	99
77) Fluoranthene	19.20	202	268173	7.28	ng/ul	94
80) Pyrene	19.56	202	242070	5.77	ng/ul#	92
83) Benzo(a)anthracene	21.31	228	115671	3.29	ng/ul	96
85) Chrysene	21.36	228	120893	3.47	ng/ul	95
88) Benzo(b)fluoranthene	22.91	252	165907	4.61	ng/ul	98
89) Benzo(k)fluoranthene	22.91	252	62405	1.86	ng/ul	98
91) Benzo(a)pyrene	23.49	252	105471	3.10	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.86	276	74247	1.98	ng/ul#	89
94) Benzo(g,h,i)perylene	26.56	276	59206	1.76	ng/ul	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
Data File : BM003155.D
Acq On : 16 Nov 2015 22:38
Operator : UM/IZ
Sample : G4323-25
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J45

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Quant Title : SVOA CALIBRATION
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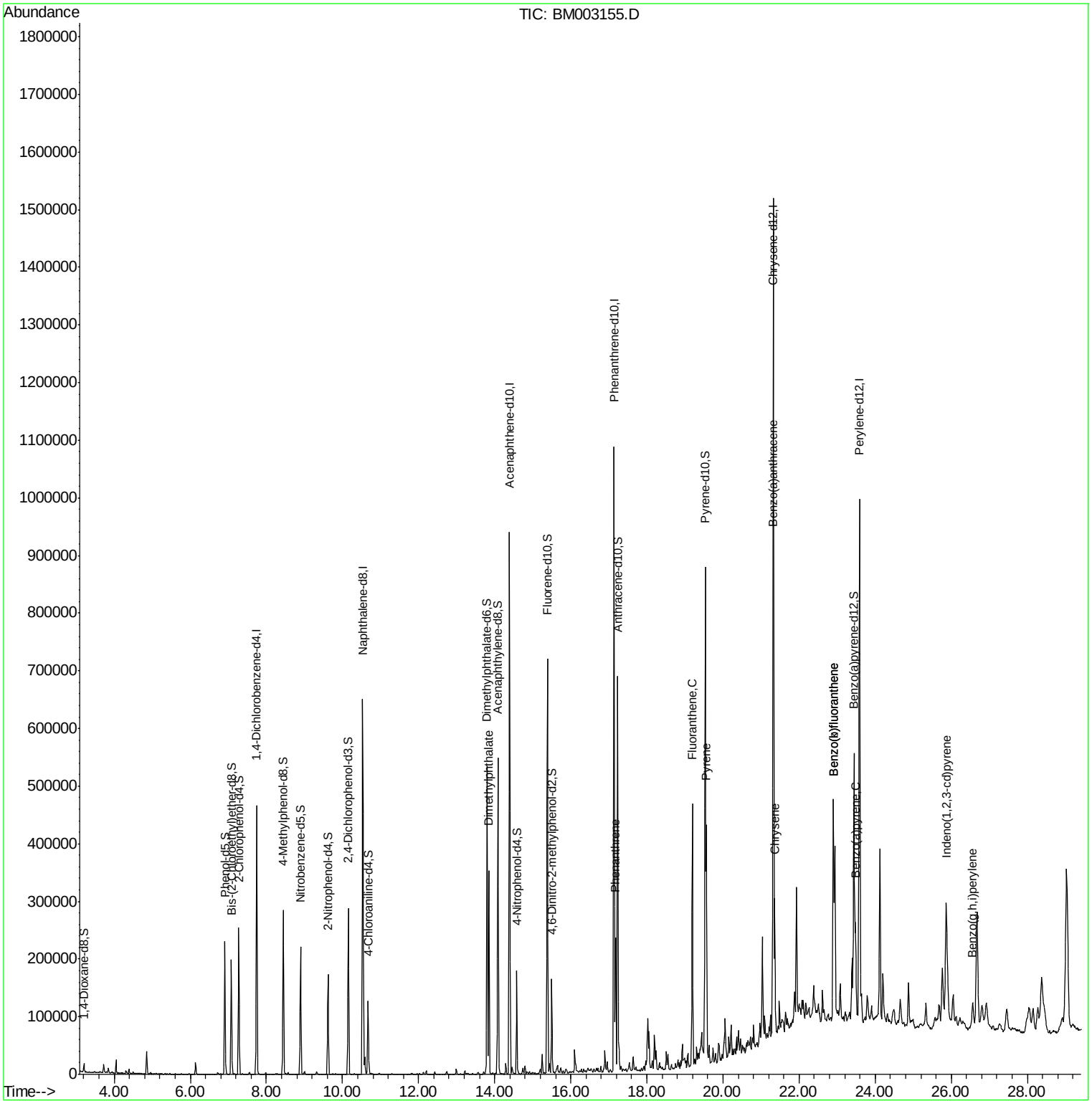
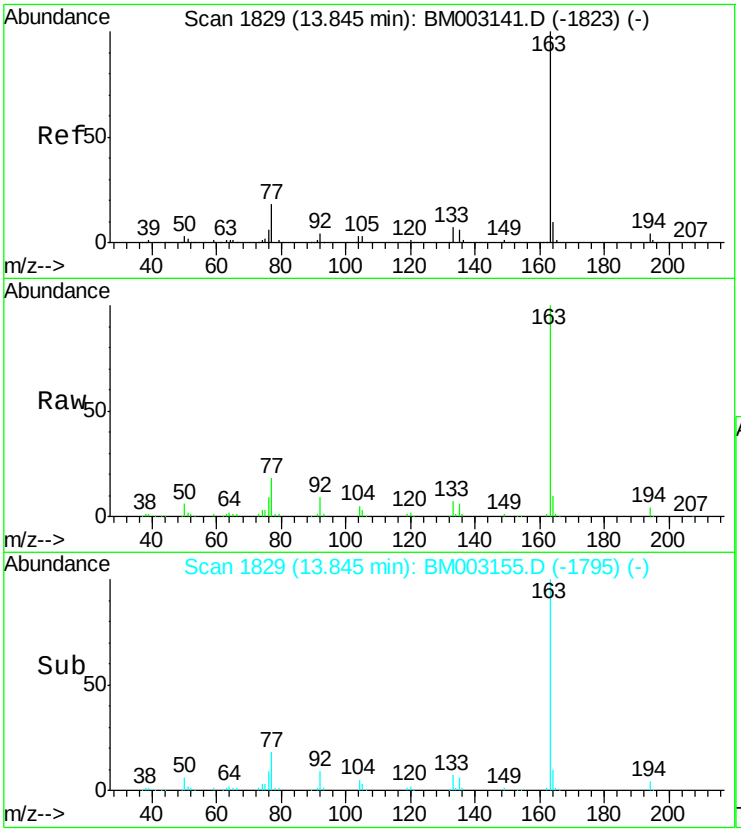


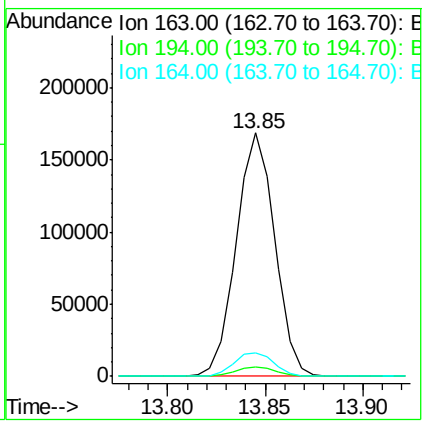


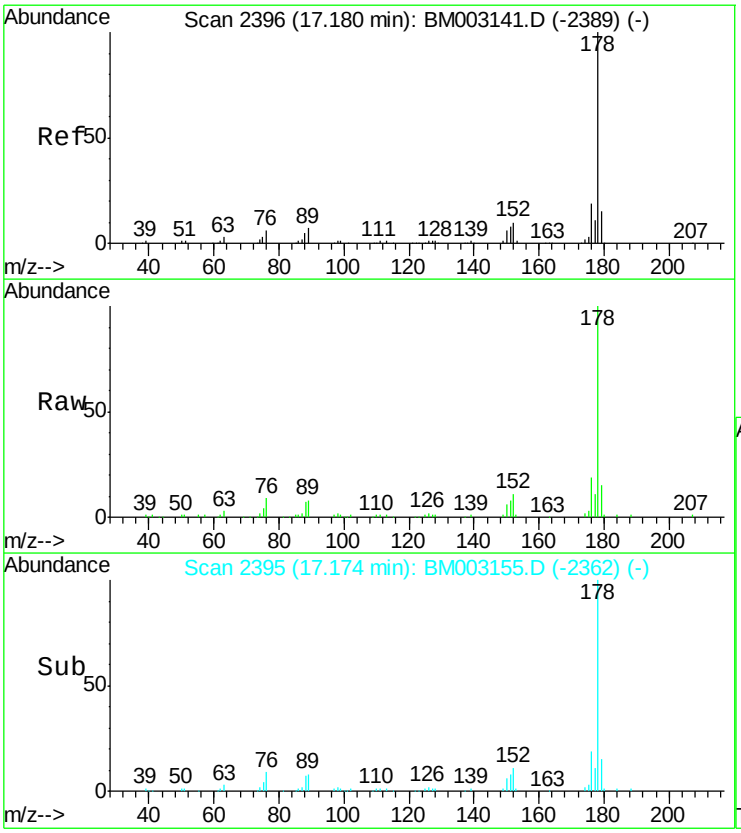
#45
Dimethylphthalate
Concen: 9.66 ng/ul
RT: 13.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Instrument :
BNA_M
ClientSampleId :
A4J45

Tgt Ion:163 Resp: 230085

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.8	7.8	11.8

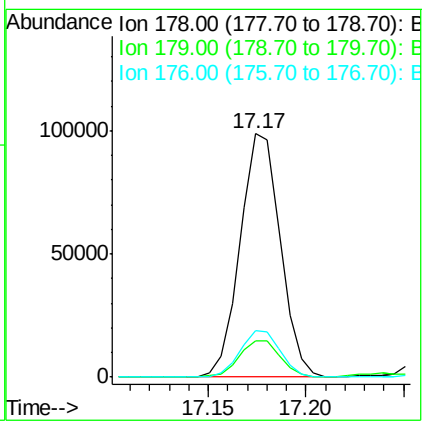


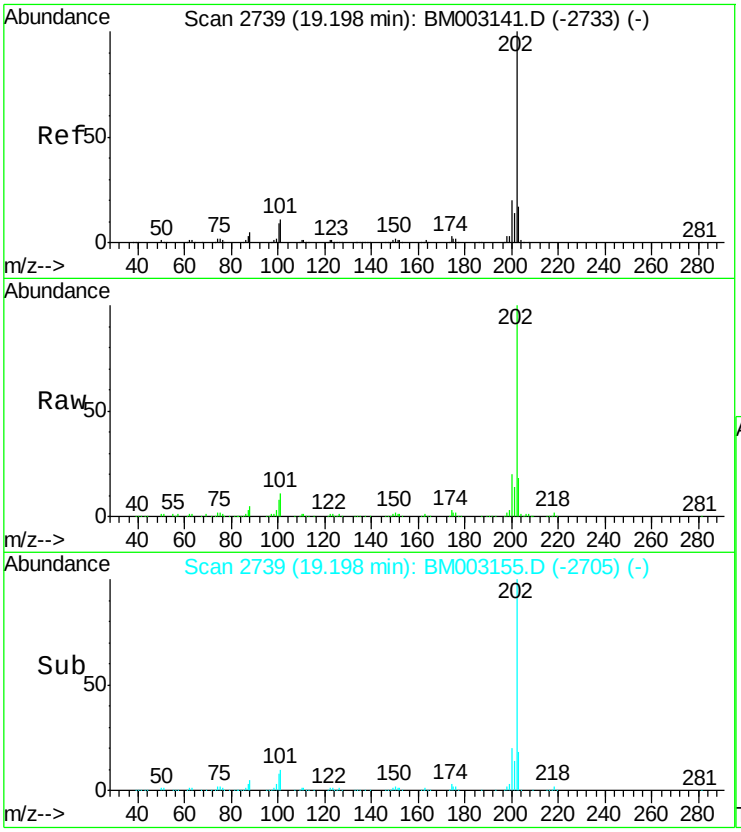


#70
Phenanthrene
Concen: 3.87 ng/ul
RT: 17.17 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Tgt Ion:178 Resp: 140996

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	19.0	14.7	22.1



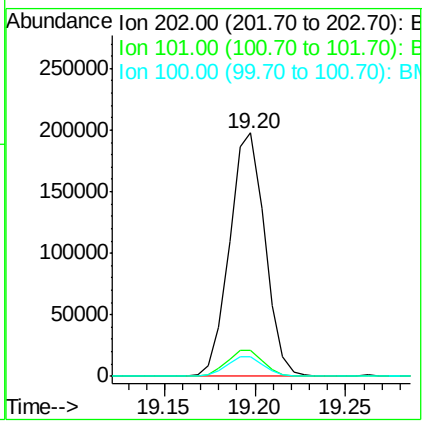


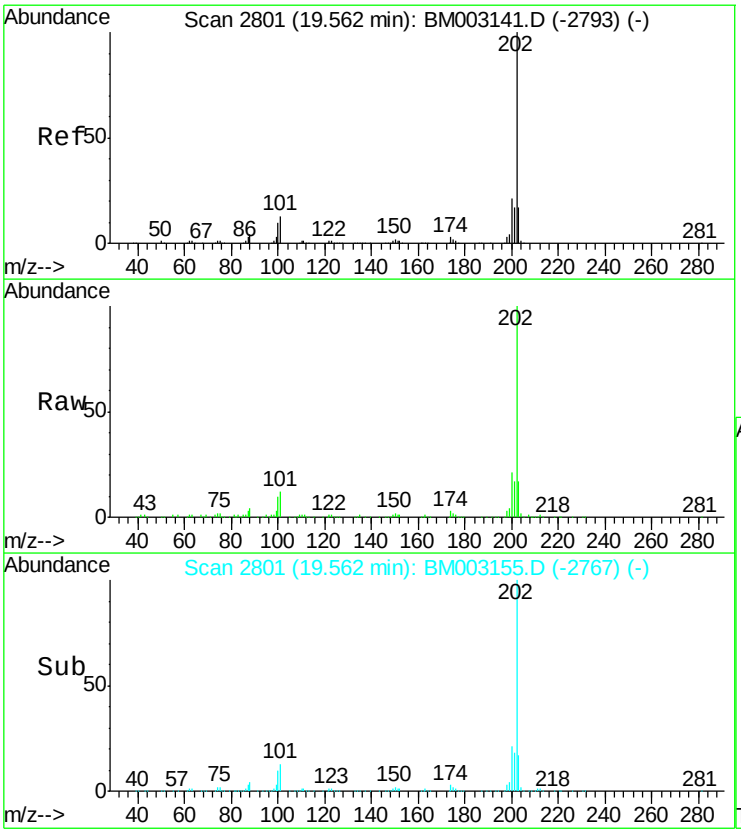
#77
Fluoranthene
Concen: 7.28 ng/ul
RT: 19.20 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Instrument :
BNA_M
ClientSampleId :
A4J45

Tgt Ion:202 Resp: 268173

Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.4	15.6
100	8.0	7.8	11.6

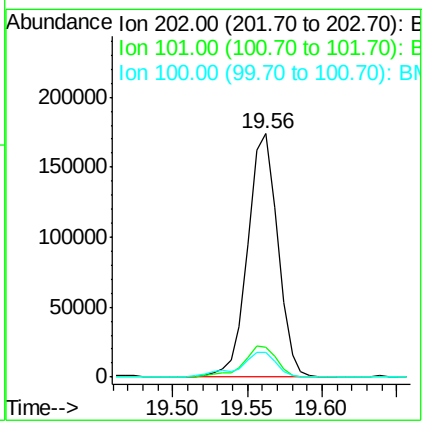


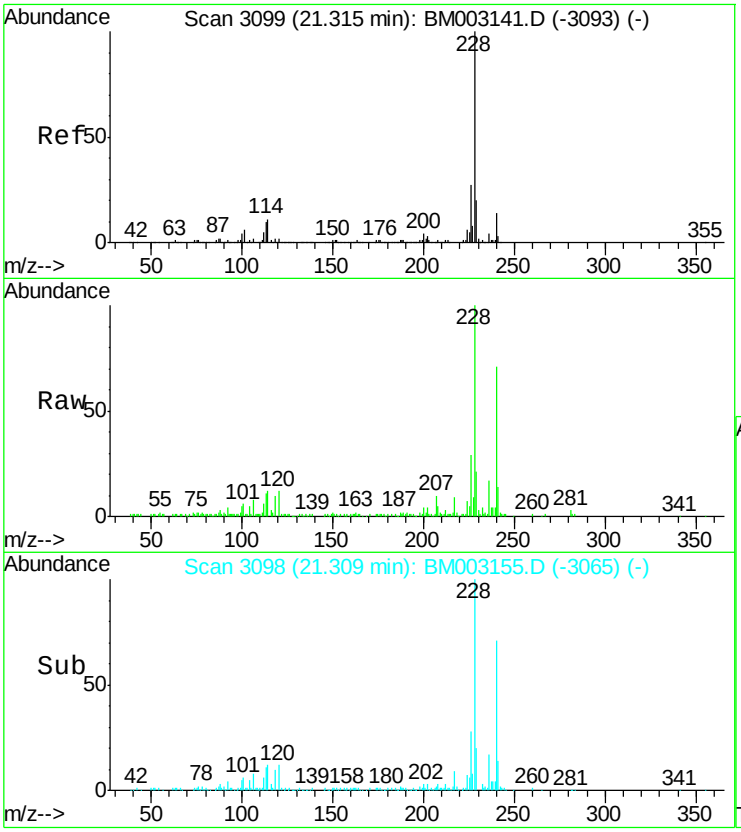


#80
Pyrene
Concen: 5.77 ng/ul
RT: 19.56 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Tgt Ion:202 Resp: 242070

Ion	Ratio	Lower	Upper
202	100		
101	12.4	12.6	18.8#
100	10.2	10.6	15.8#



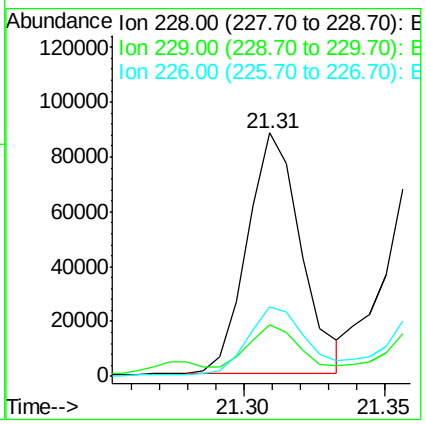


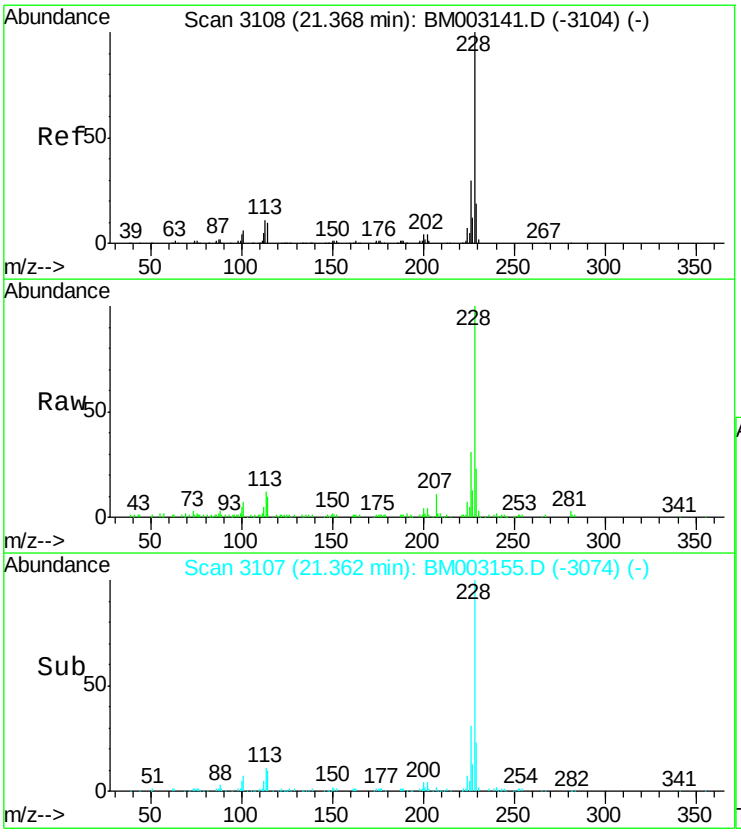
#83
Benzo(a)anthracene
Concen: 3.29 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Instrument :
BNA_M
ClientSampleId :
A4J45

Tgt Ion:228 Resp: 115671

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	28.7	21.0	31.6

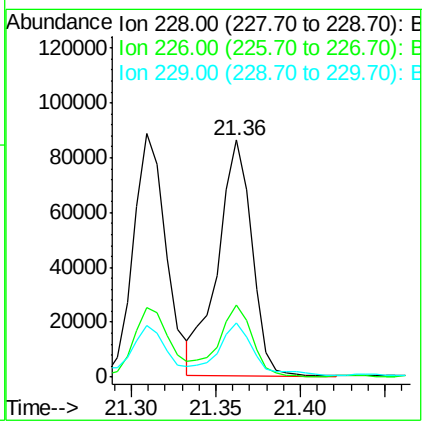


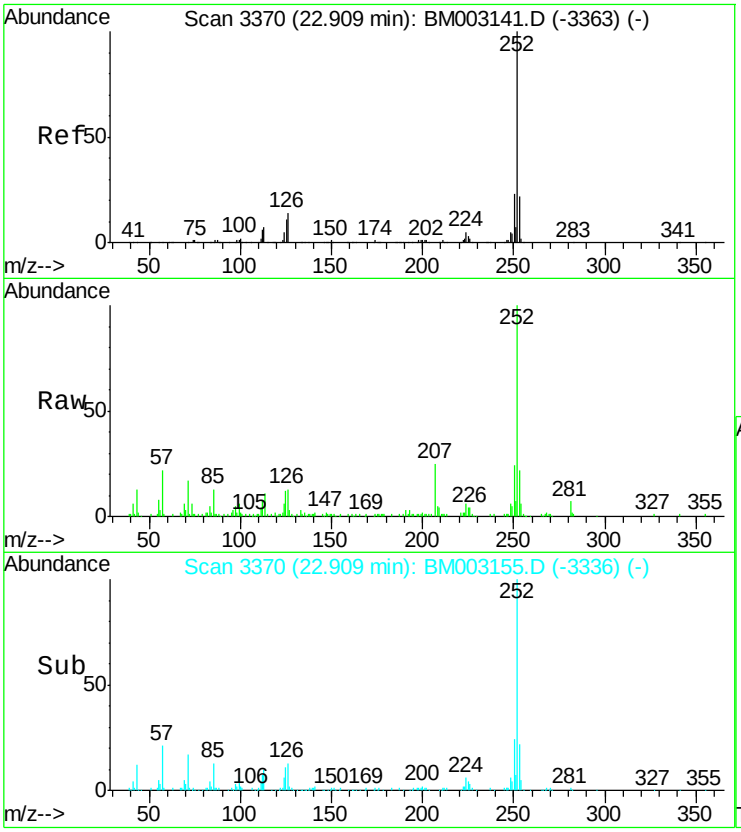


#85
Chrysene
Concen: 3.47 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Tgt Ion:228 Resp: 120893

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.3	34.9
229	23.1	15.8	23.6



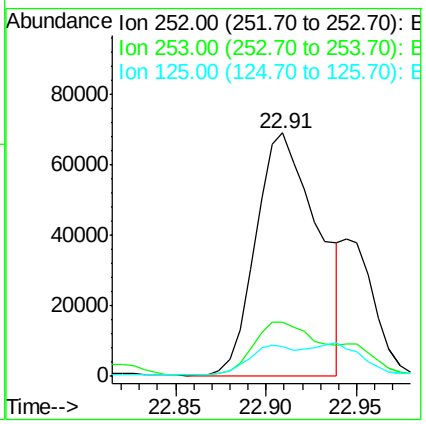


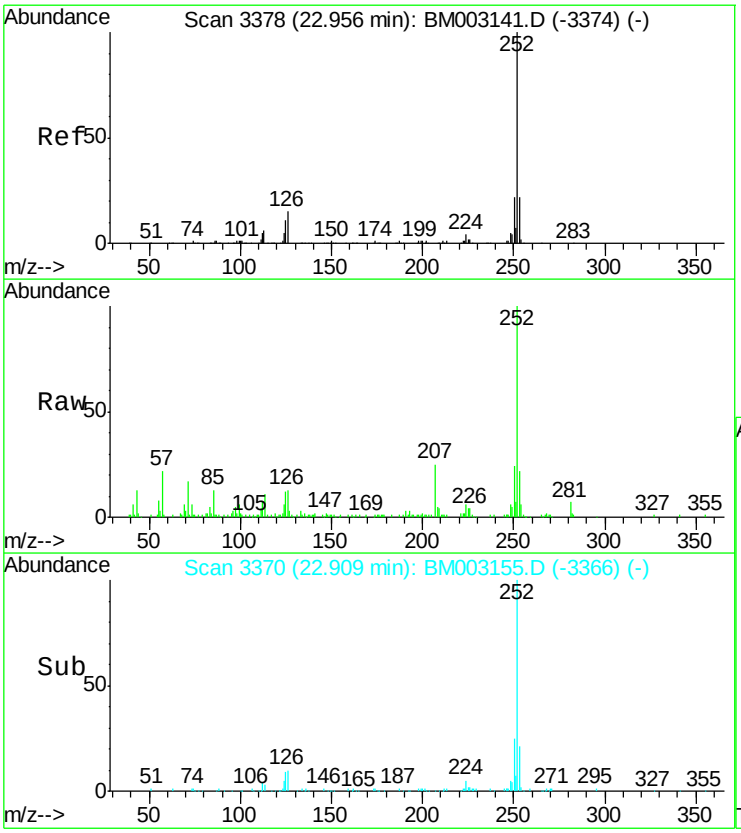
#88
Benzo(b)fluoranthene
Concen: 4.61 ng/ul
RT: 22.91 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Instrument :
BNA_M
ClientSampleId :
A4J45

Tgt Ion:252 Resp: 165907

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	12.1	10.7	16.1

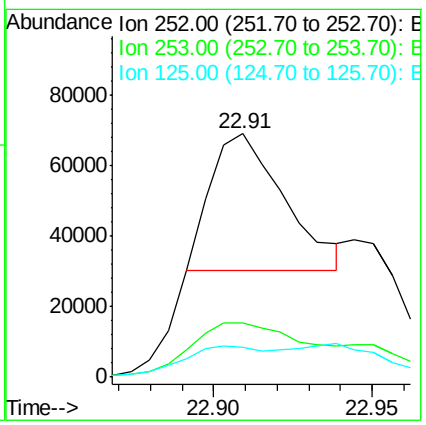


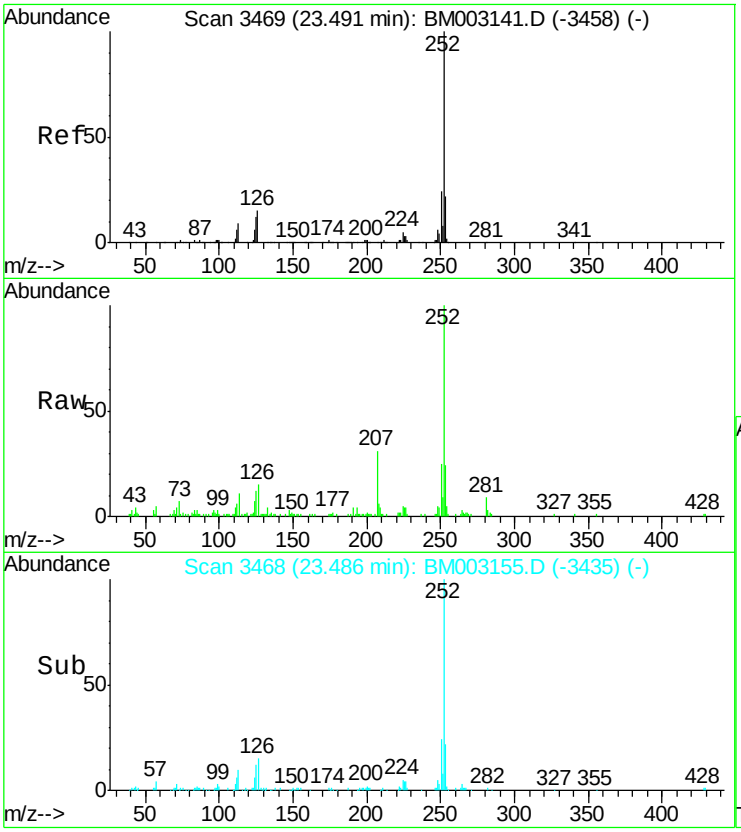


#89
Benzo(k)fluoranthene
Concen: 1.86 ng/ul
RT: 22.91 min Scan# 3370
Delta R.T. -0.05 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Tgt Ion:252 Resp: 62405

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	12.1	11.1	16.7



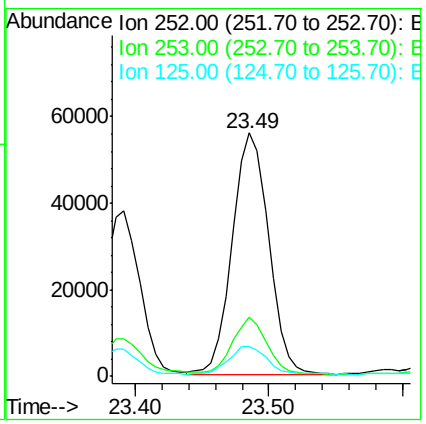


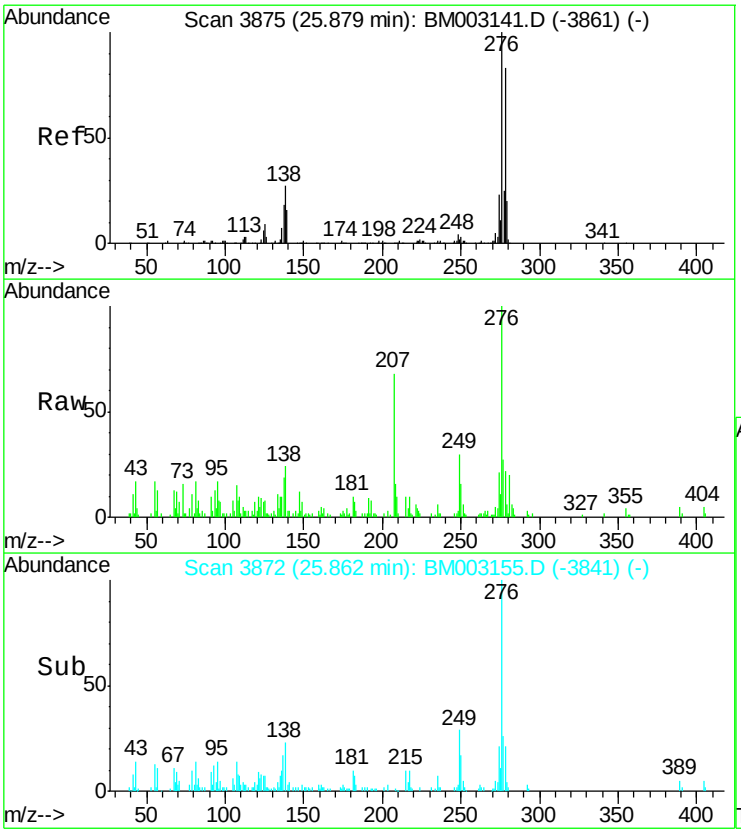
#91
Benzo(a)pyrene
Concen: 3.10 ng/ul
RT: 23.49 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Instrument :
BNA_M
ClientSampleId :
A4J45

Tgt Ion:252 Resp: 105471

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	12.4	11.9	17.9

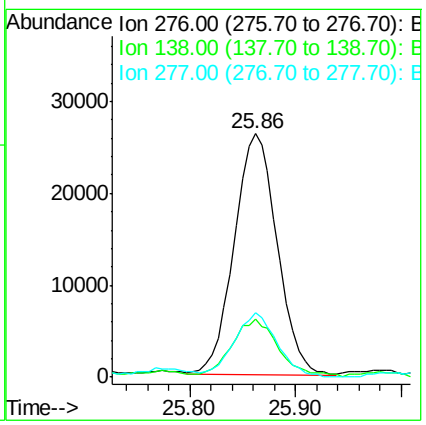


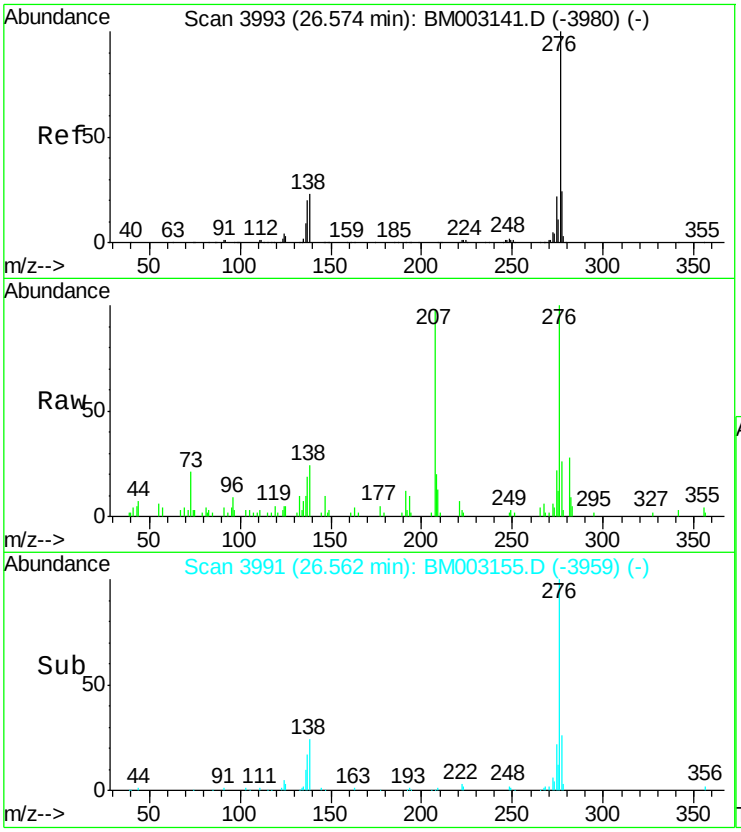


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.98 ng/ul
RT: 25.86 min Scan# 3872
Delta R.T. -0.02 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Tgt Ion:276 Resp: 74247

Ion	Ratio	Lower	Upper
276	100		
138	23.7	26.6	40.0#
277	26.7	20.2	30.4





#94
Benzo(g,h,i)perylene
Concen: 1.76 ng/ul
RT: 26.56 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Instrument :
BNA_M
ClientSampleId :
A4J45

Tgt Ion:276 Resp: 59206

Ion	Ratio	Lower	Upper
276	100		
138	24.5	23.8	35.6
277	25.7	19.4	29.2