Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
Data File : BM003156.D
Acq On : 16 Nov 2015 23:14
Operator : UM/IZ
Sample : G4323-26
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4J46

Quant Time: Nov 17 00:22:05 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	145889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	654785	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	366764	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	763187	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	767946	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	774950	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	8286	2.68	ng/uL	0.00
5) Phenol-d5	6.90	99	146180	12.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	90072	13.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	132240	13.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	92551	9.95	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	61948	15.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	65198	16.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	117689	12.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	86484	7.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	378065	13.70	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	394678	11.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	41006	8.82	ng/ul	0.00
58) Fluorene-d10	15.39	176	262437	11.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	31362	8.87	ng/ul	0.00
71) Anthracene-d10	17.23	188	329109	9.73	ng/ul	0.00
79) Pyrene-d10	19.53	212	310399	8.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	246971	6.71	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.85	163	219569	7.81	ng/ul	99
70) Phenanthrene	17.18	178	199173	4.61	ng/ul	99
80) Pyrene	19.56	202	257333	5.12	ng/ul#	92
83) Benzo(a)anthracene	21.31	228	120845	2.87	ng/ul	96
85) Chrysene	21.36	228	127996	3.07	ng/ul	97
88) Benzo(b)fluoranthene	22.90	252	165841	3.71	ng/ul	98
89) Benzo(k)fluoranthene	22.90	252	46619	1.12	ng/ul	97
91) Benzo(a)pyrene	23.39	252	74985	1.77	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.86	276	73470	1.58	ng/ul#	89
94) Benzo(g,h,i)perylene	26.56	276	66844	1.60	ng/ul	94

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

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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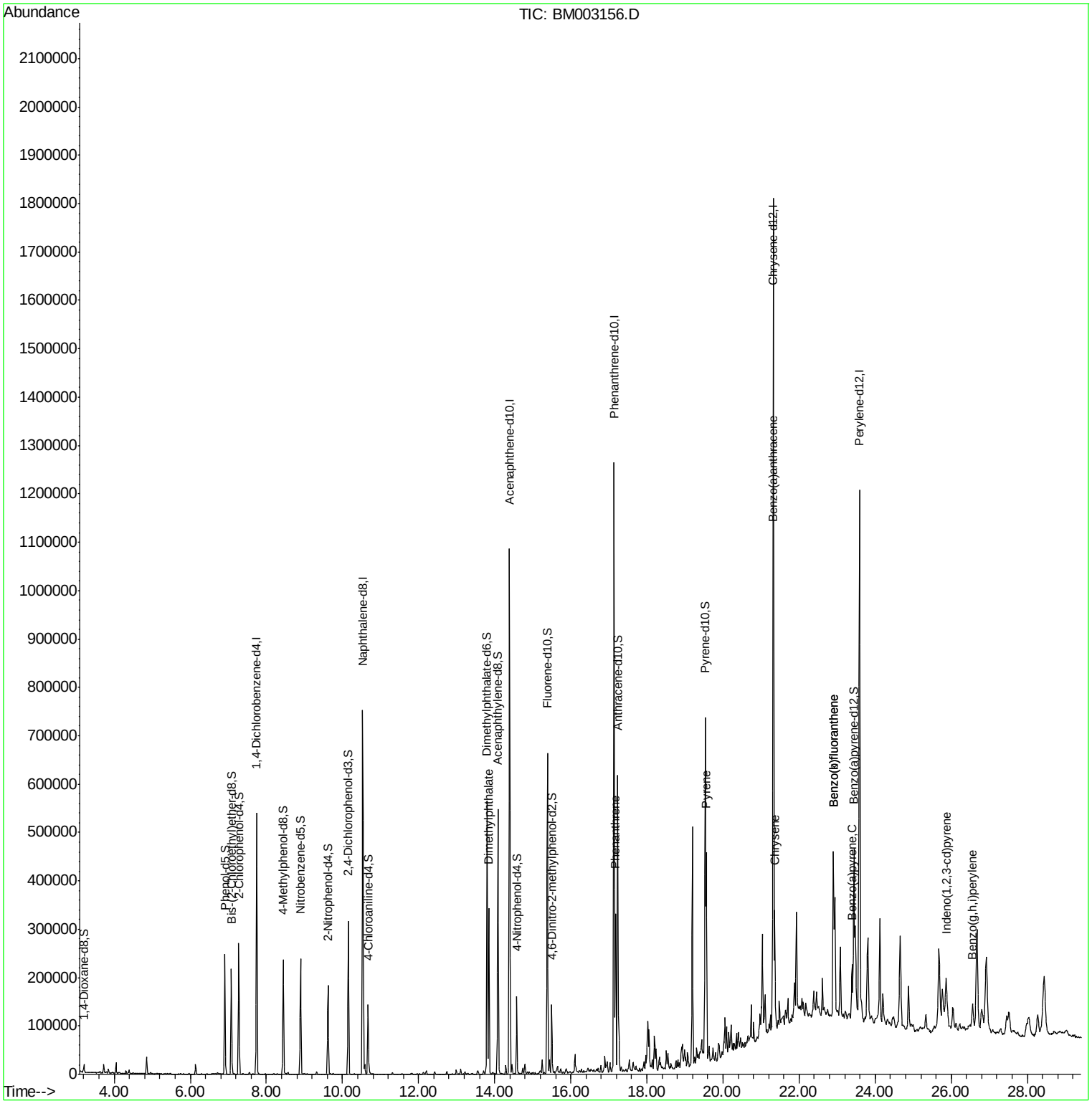
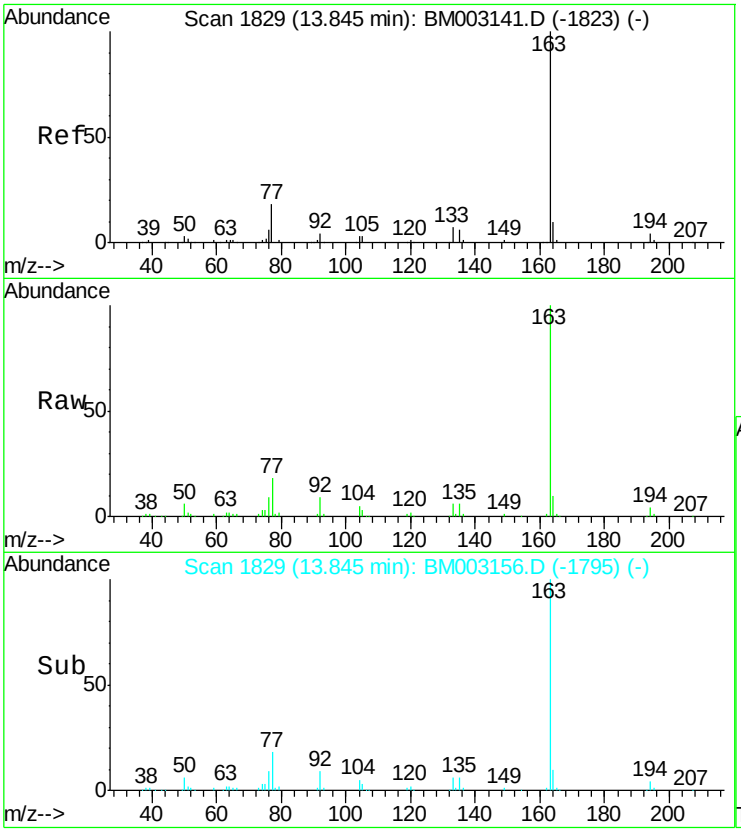


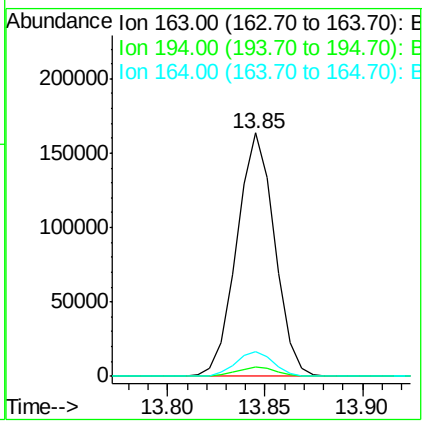


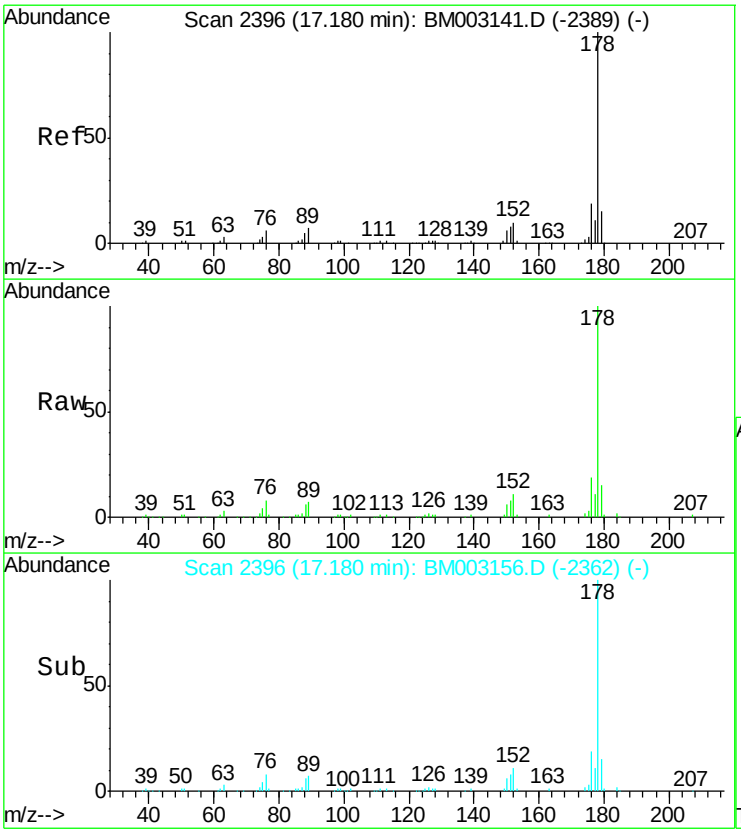
#45
Dimethylphthalate
Concen: 7.81 ng/ul
RT: 13.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Instrument :
BNA_M
ClientSampleId :
A4J46

Tgt Ion:163 Resp: 219569

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.1	7.8	11.8

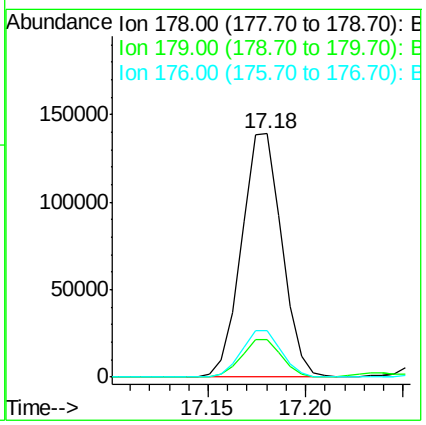


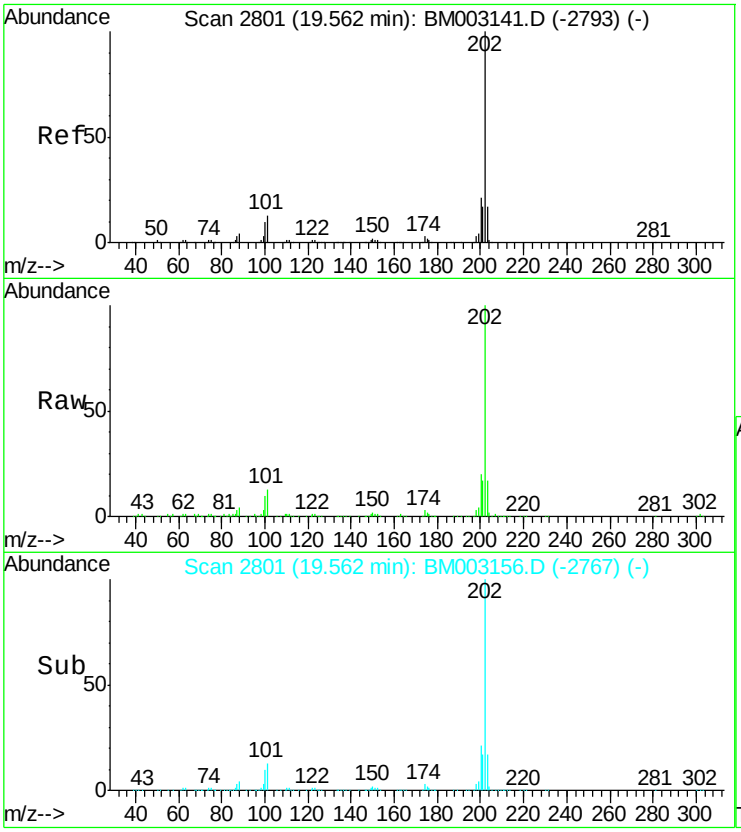


#70
Phenanthrene
Concen: 4.61 ng/ul
RT: 17.18 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Tgt Ion:178 Resp: 199173

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.2	14.7	22.1



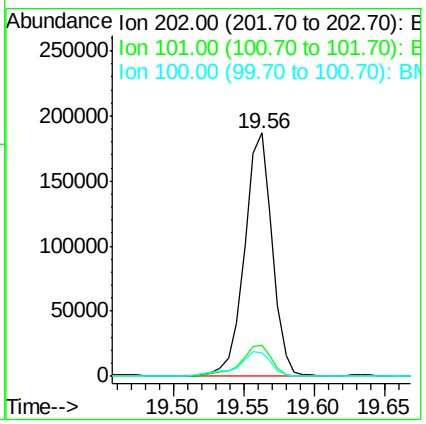


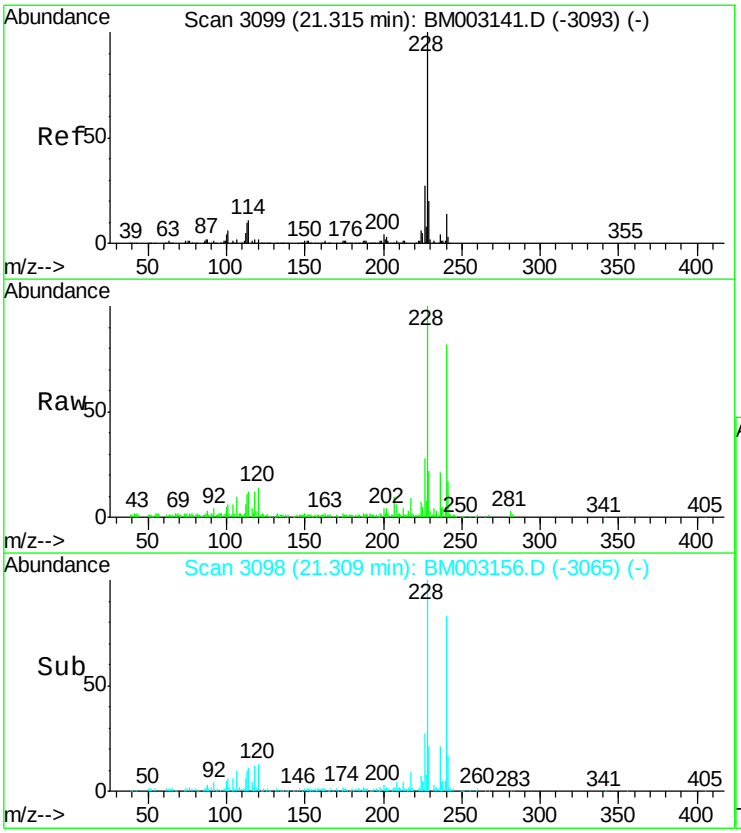
#80
Pyrene
Concen: 5.12 ng/ul
RT: 19.56 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Instrument :
BNA_M
ClientSampleId :
A4J46

Tgt Ion:202 Resp: 257333

Ion	Ratio	Lower	Upper
202	100		
101	12.7	12.6	18.8
100	9.9	10.6	15.8#

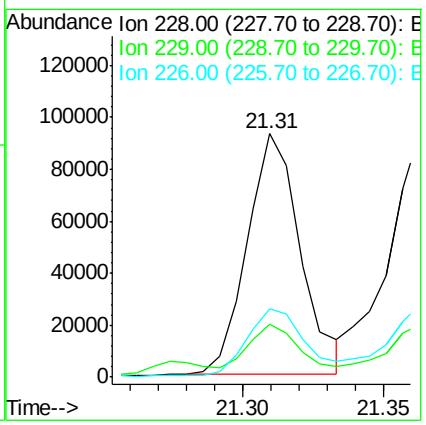


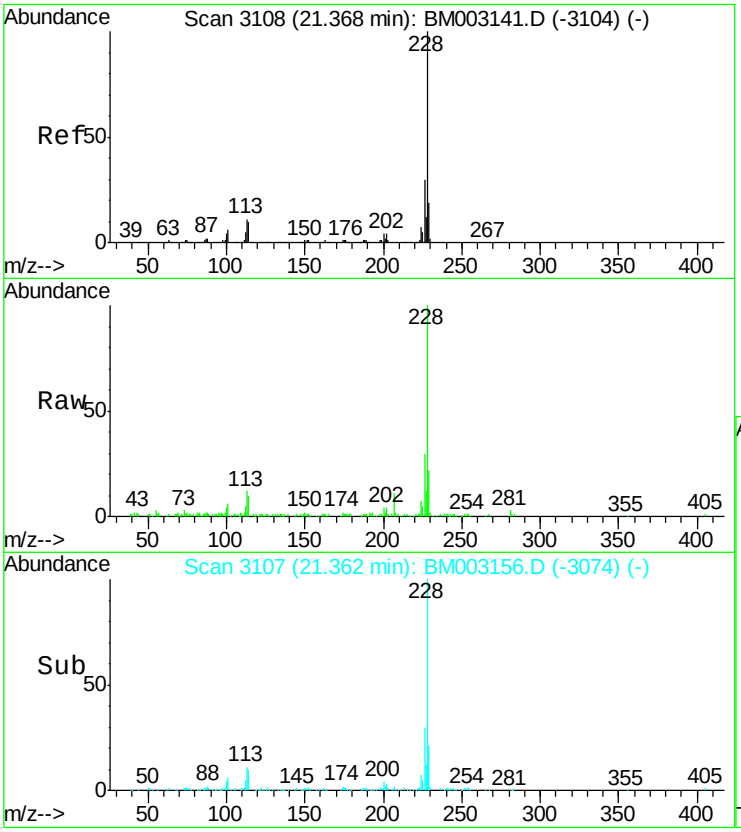


#83
Benzo(a)anthracene
Concen: 2.87 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Tgt Ion:228 Resp: 120845

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.6	23.4
226	27.9	21.0	31.6



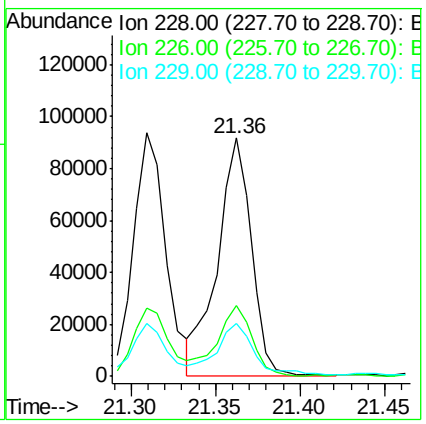


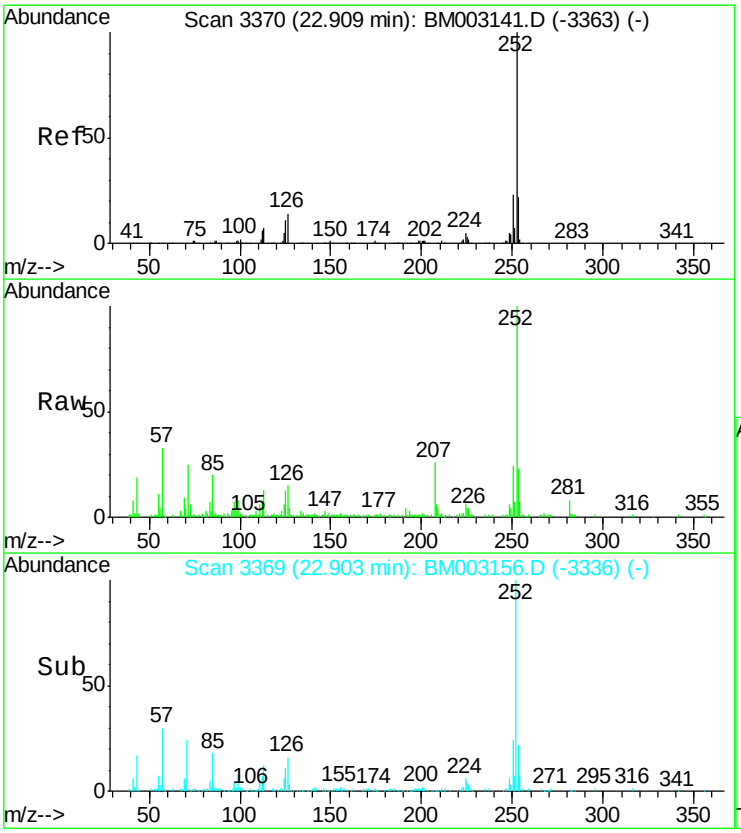
#85
Chrysene
Concen: 3.07 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Instrument :
BNA_M
ClientSampleId :
A4J46

Tgt Ion:228 Resp: 127996

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.3	34.9
229	22.0	15.8	23.6

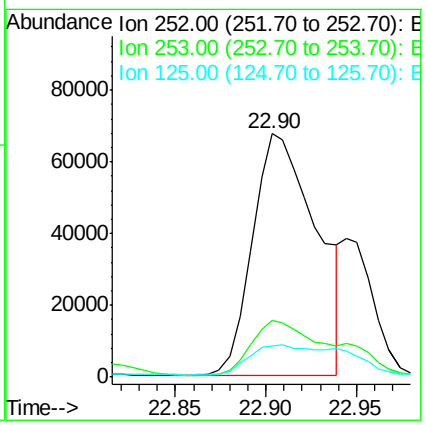


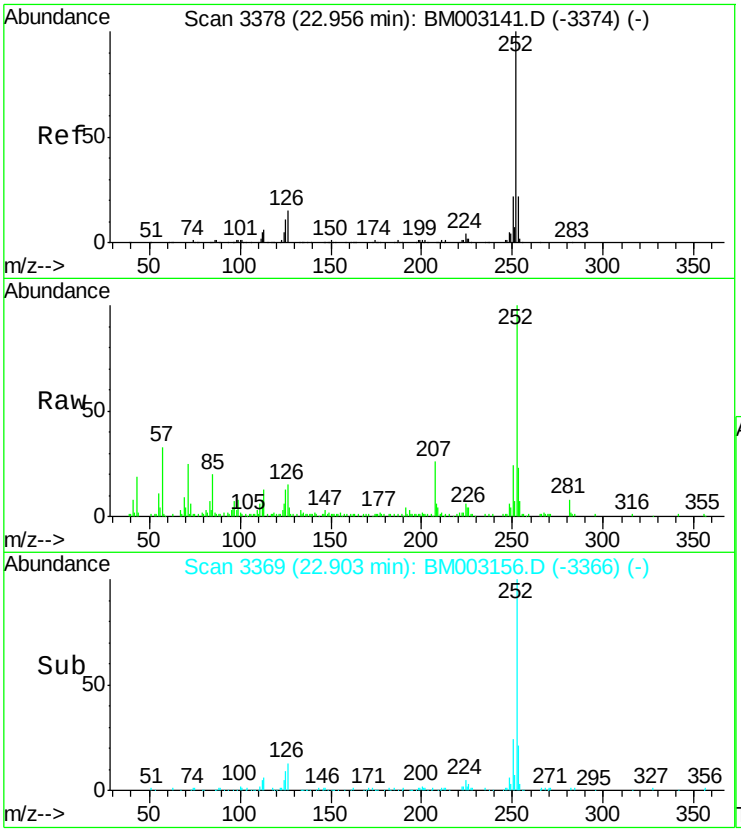


#88
Benzo(b)fluoranthene
Concen: 3.71 ng/ul
RT: 22.90 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Tgt Ion:252 Resp: 165841

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	12.6	10.7	16.1



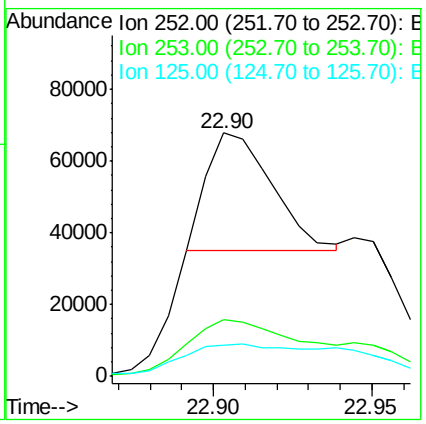


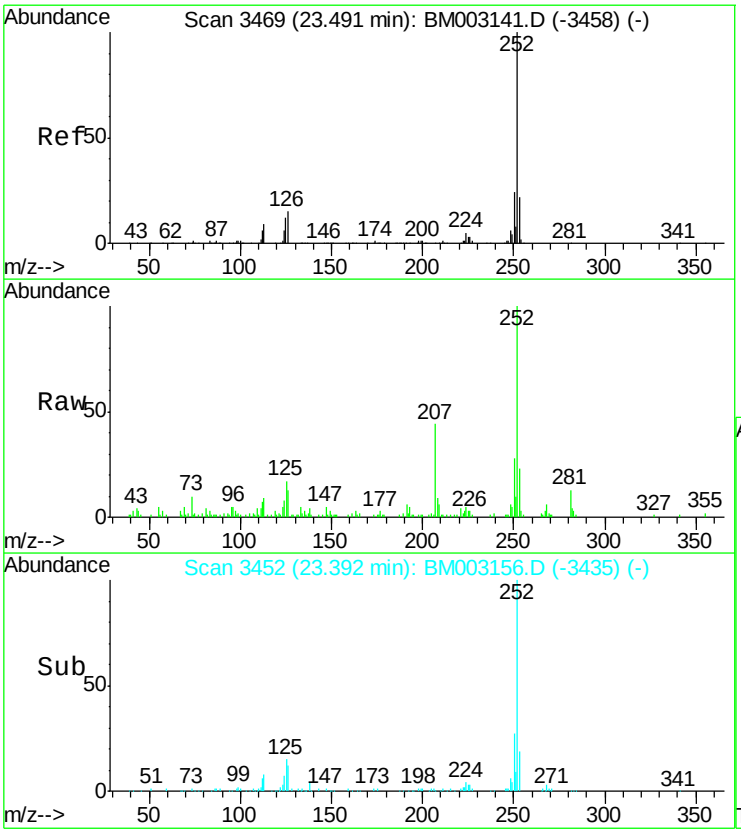
#89
Benzo(k)fluoranthene
Concen: 1.12 ng/ul
RT: 22.90 min Scan# 3369
Delta R.T. -0.05 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Instrument :
BNA_M
ClientSampleId :
A4J46

Tgt Ion:252 Resp: 46619

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	12.6	11.1	16.7

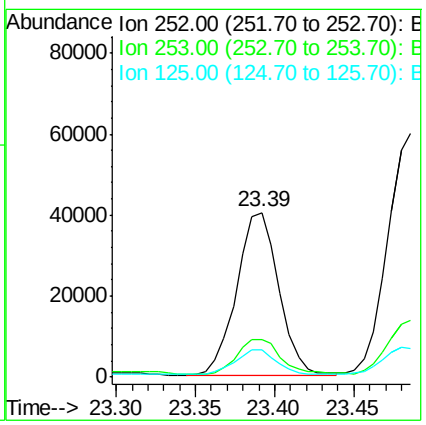


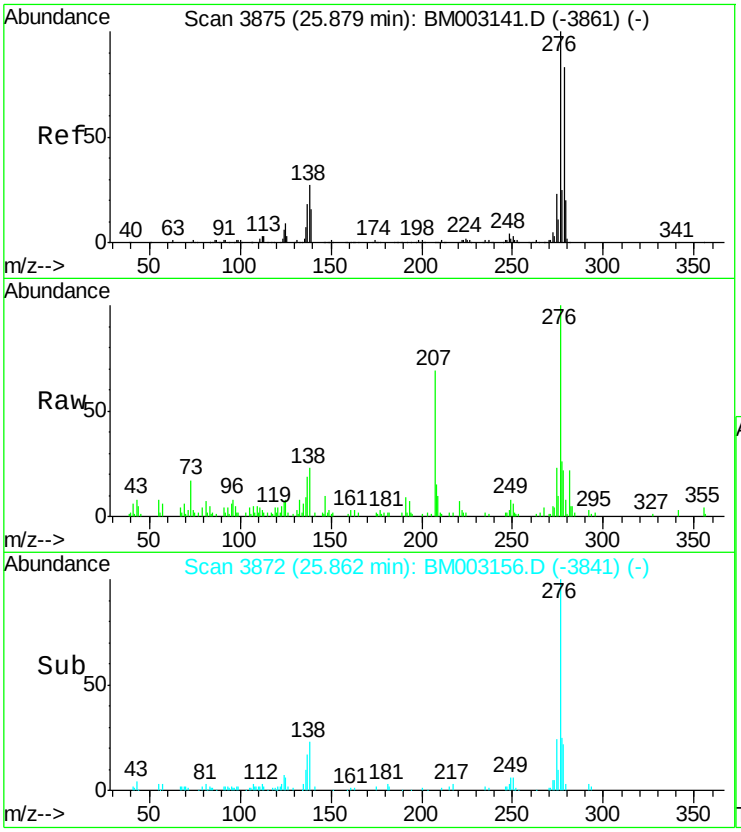


#91
Benzo(a)pyrene
Concen: 1.77 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. -0.10 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Tgt Ion:252 Resp: 74985

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	16.6	11.9	17.9



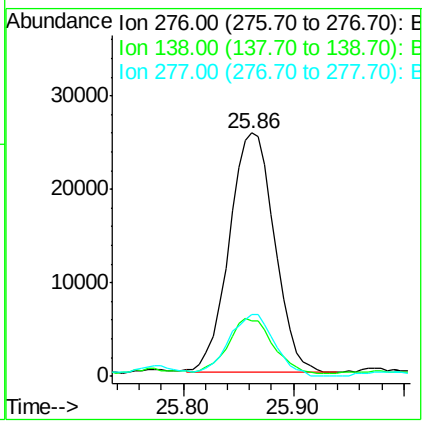


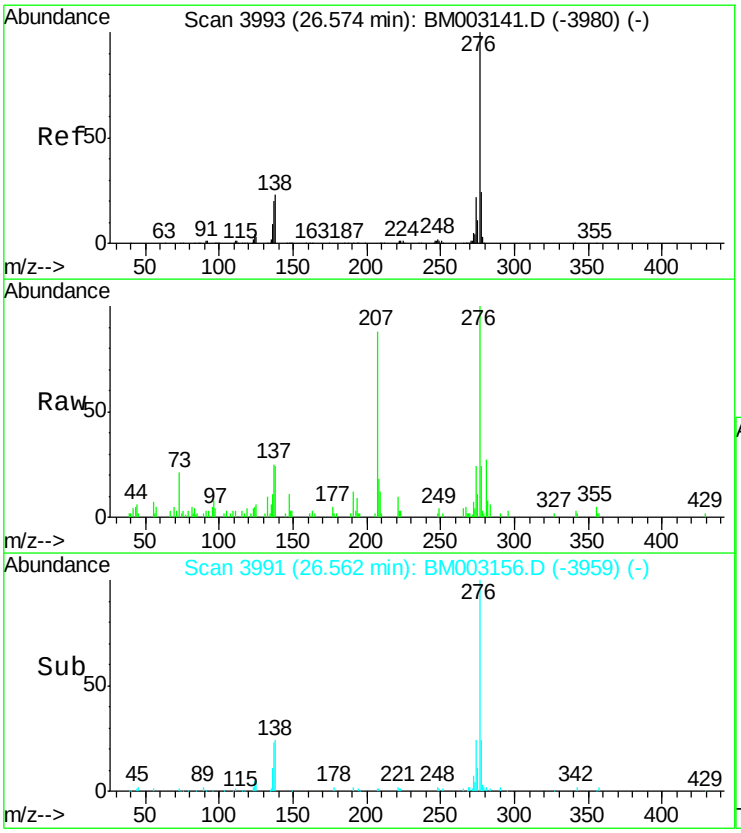
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.58 ng/ul
RT: 25.86 min Scan# 3872
Delta R.T. -0.02 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Instrument :
BNA_M
ClientSampleId :
A4J46

Tgt Ion:276 Resp: 73470

Ion	Ratio	Lower	Upper
276	100		
138	23.0	26.6	40.0#
277	25.5	20.2	30.4





#94
Benzo(g,h,i)perylene
Concen: 1.60 ng/ul
RT: 26.56 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Tgt Ion:276 Resp: 66844

Ion	Ratio	Lower	Upper
276	100		
138	24.2	23.8	35.6
277	23.9	19.4	29.2