Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
Data File : BM003986.D
Acq On : 13 Jan 2016 11:25
Operator : SJ/UM
Sample : H1095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC9A8

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:28:53 PM

Quant Time: Jan 13 12:28:50 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	35877	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	178691	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	106661	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	230417	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	175925	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	164568	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	2080	2.59	ng/uL	0.00
5) Phenol-d5	6.85	99	80831	27.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	45579	27.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	66971	27.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	62559	25.92	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	34556	25.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	38775	26.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	70129	26.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	42898	12.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	237419	28.35	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	293885	28.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	33693	22.40	ng/ul	0.00
58) Fluorene-d10	15.32	176	208566	29.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	27264	20.98	ng/ul	0.00
71) Anthracene-d10	17.17	188	317558	29.80	ng/ul	0.00
79) Pyrene-d10	19.48	212	306246	33.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	247067	30.06	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.87	94	3382	1.08	ng/ul	97
28) Naphthalene	10.50	128	19811	2.13	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	9902	1.50	ng/ul	94
45) Dimethylphthalate	13.78	163	100298	11.75	ng/ul	100
48) Acenaphthylene	14.04	152	41136	3.68	ng/ul	97
50) Acenaphthene	14.39	153	27354	3.70	ng/ul	98
54) Dibenzofuran	14.72	168	15575	1.51	ng/ul	99
59) Fluorene	15.37	166	37002	4.51	ng/ul	98
70) Phenanthrene	17.12	178	649430	50.12	ng/ul	100
72) Anthracene	17.20	178	163566	12.31	ng/ul	99
75) Carbazole	17.48	167	72903	6.24	ng/ul	99
77) Fluoranthene	19.14	202	1100181	81.71	ng/ul	98
80) Pyrene	19.51	202	1131175	94.72	ng/ul	97
83) Benzo(a)anthracene	21.27	228	491301	46.90	ng/ul	97
85) Chrysene	21.32	228	539486	54.20	ng/ul	98
88) Benzo(b)fluoranthene	22.86	252	546358	54.61	ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	182412m	19.16	ng/ul	
91) Benzo(a)pyrene	23.43	252	425032	44.80	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.77	276	257611	24.54	ng/ul	97
93) Dibenzo(a,h)anthracene	25.77	278	78448	8.90	ng/ul#	79
94) Benzo(g,h,i)perylene	26.46	276	253157	28.72	ng/ul	98

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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1/13/2016 3:28:53 PM

Quant Time: Jan 13 12:28:50 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
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Manual Integrations APPROVED
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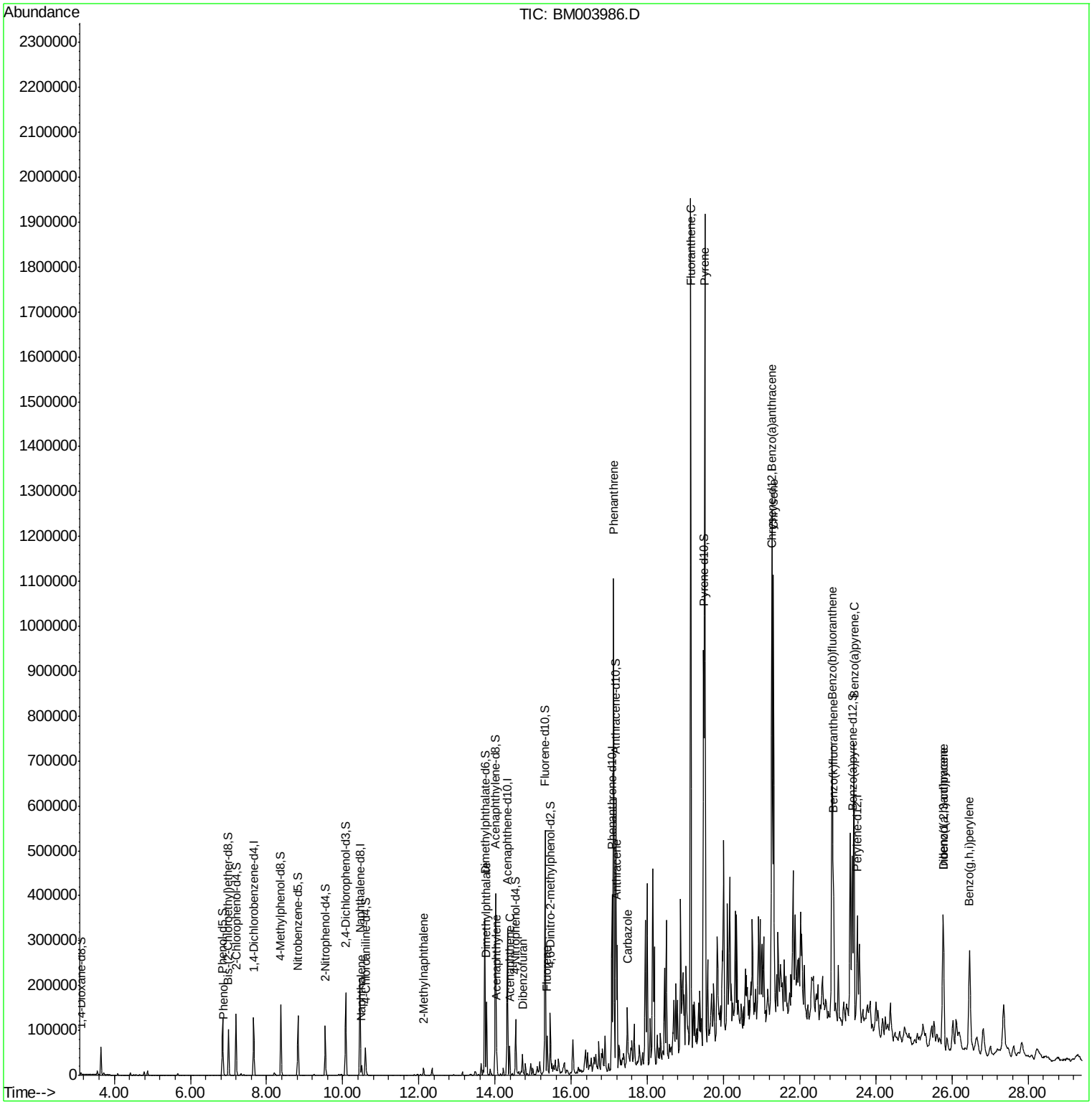
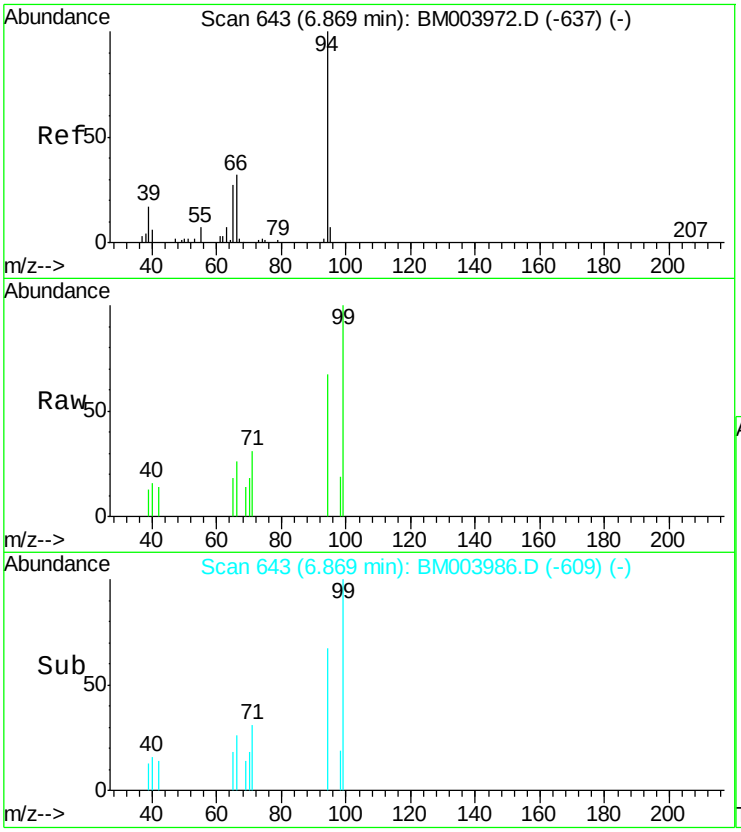
1/13/2016 3:28:53 PM

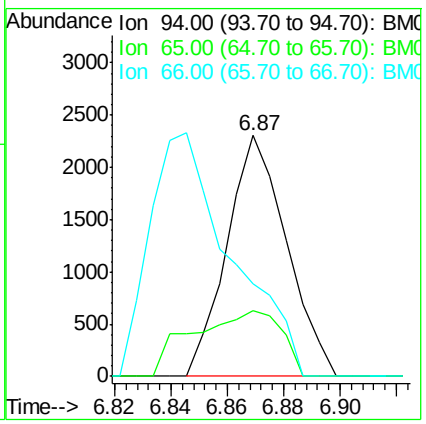




#6
Phenol
Concen: 1.08 ng/ul
RT: 6.87 min Scan# 643
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion: 94 Resp: 3382

Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.0	31.6
66	38.5	29.3	43.9



Instrument :
BNA_M
ClientSampleId :
BC9A8

Manual Integrations APPROVED
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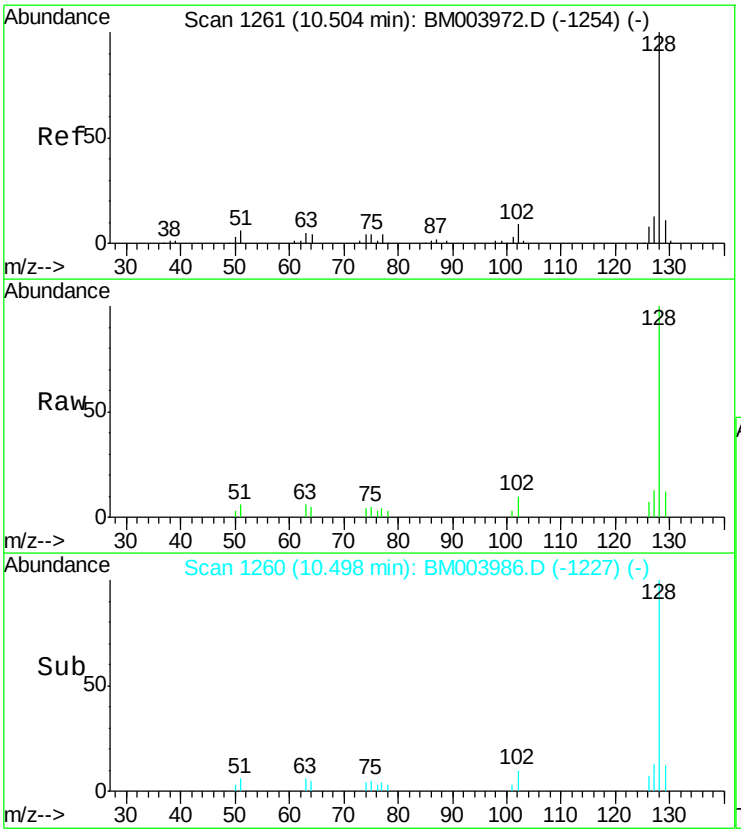
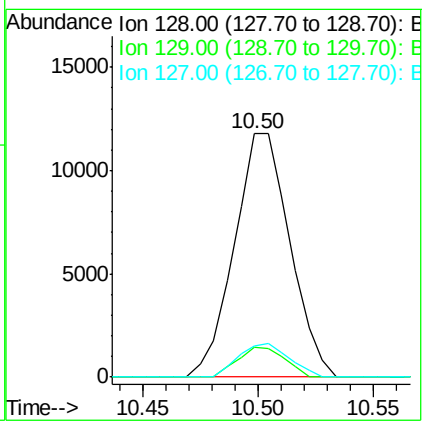
1/13/2016 3:28:53 PM

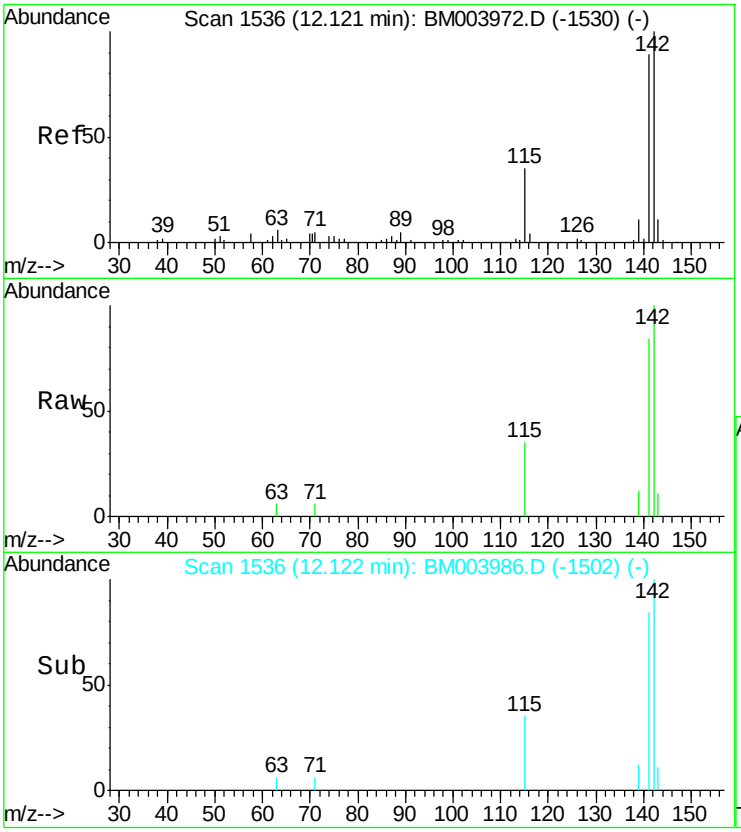


#28
Naphthalene
Concen: 2.13 ng/ul
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:128 Resp: 19811

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.8	13.2
127	12.9	10.5	15.7

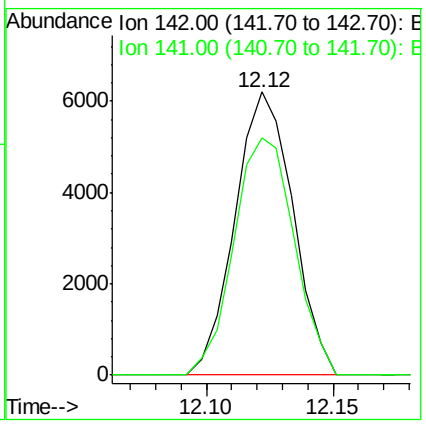




#34
2-Methylnaphthalene
Concen: 1.50 ng/ul
RT: 12.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:142 Resp: 9902

Ion	Ratio	Lower	Upper
142	100		
141	83.6	71.6	107.4



Instrument :
BNA_M
ClientSampleId :
BC9A8

Manual Integrations APPROVED
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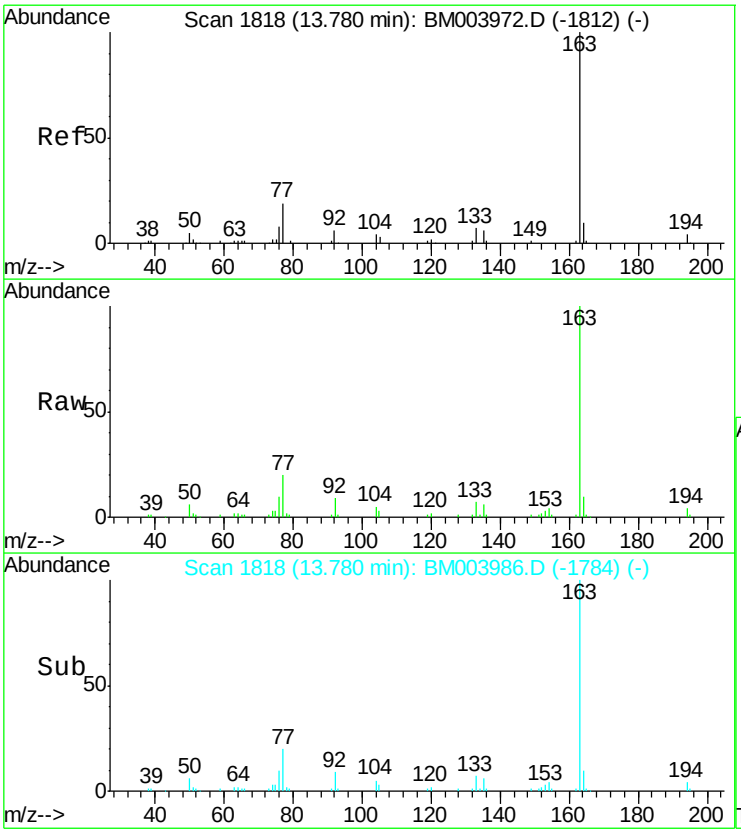
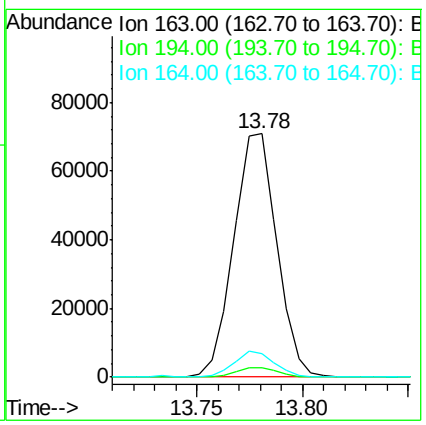
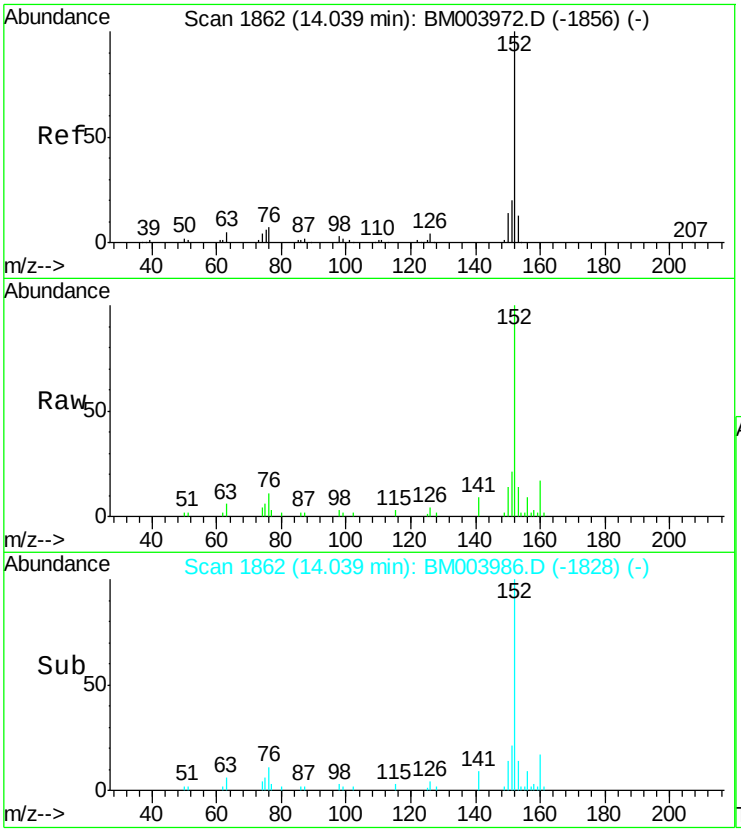


#45
Dimethylphthalate
Concen: 11.75 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:163 Resp: 100298

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.7	7.8	11.8

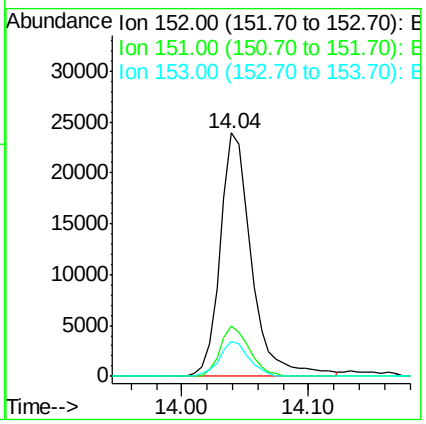




#48
Acenaphthylene
Concen: 3.68 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:152 Resp: 41136

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.7	23.5
153	14.4	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
BC9A8

Manual Integrations APPROVED
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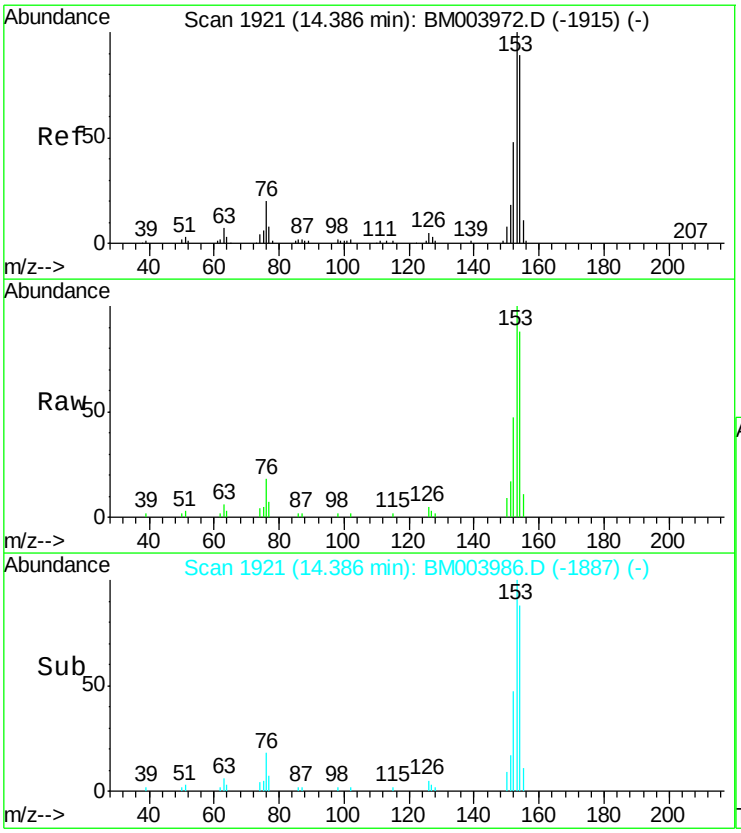
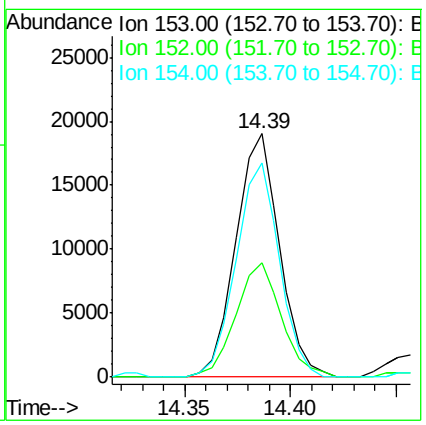
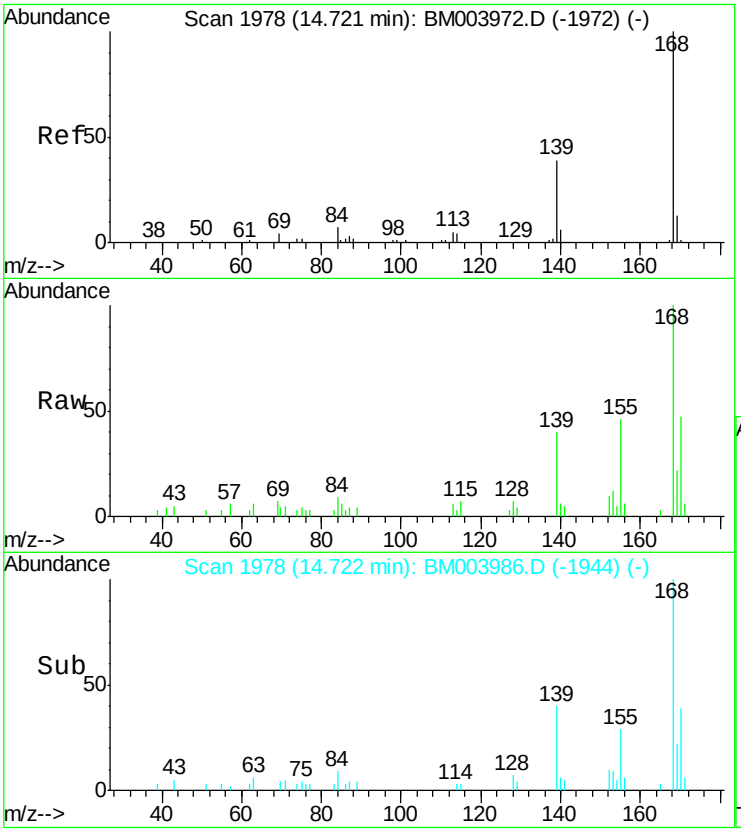


#50
Acenaphthene
Concen: 3.70 ng/ul
RT: 14.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:153 Resp: 27354

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.3	57.5
154	87.9	71.8	107.8





#54
Dibenzofuran
Concen: 1.51 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:168 Resp: 15575

Ion	Ratio	Lower	Upper
168	100		
139	39.9	32.2	48.2

Instrument :
BNA_M
ClientSampleId :
BC9A8

Manual Integrations APPROVED
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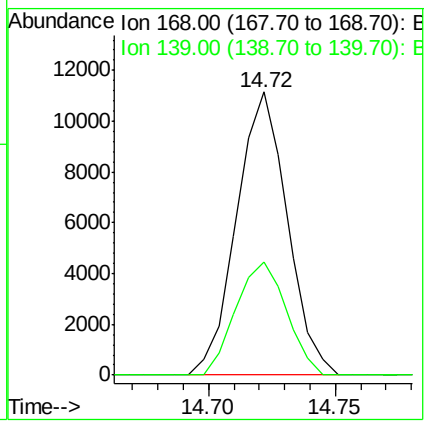
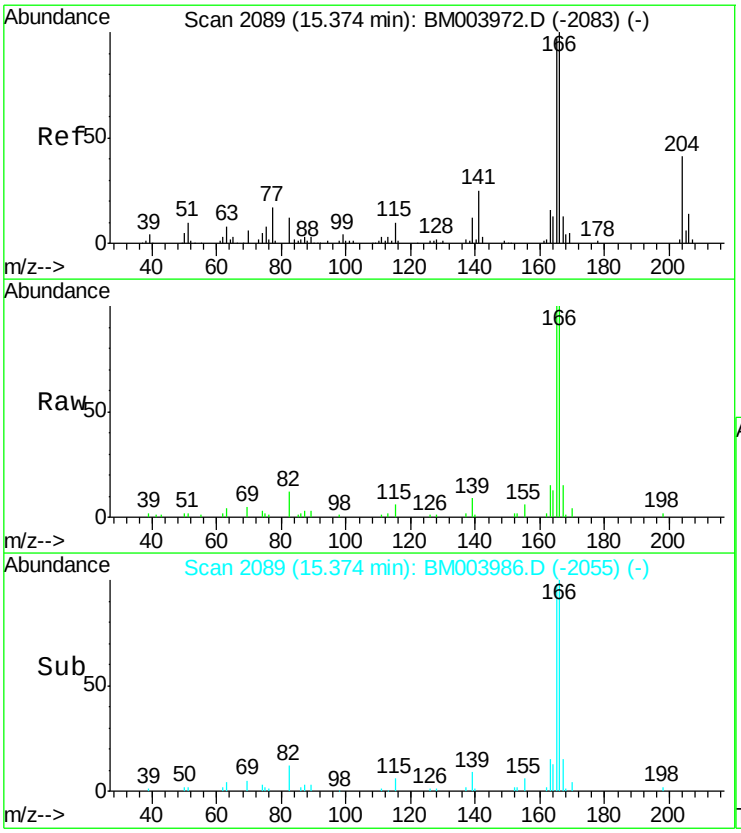
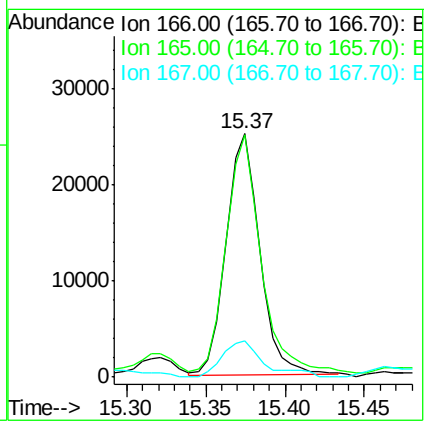


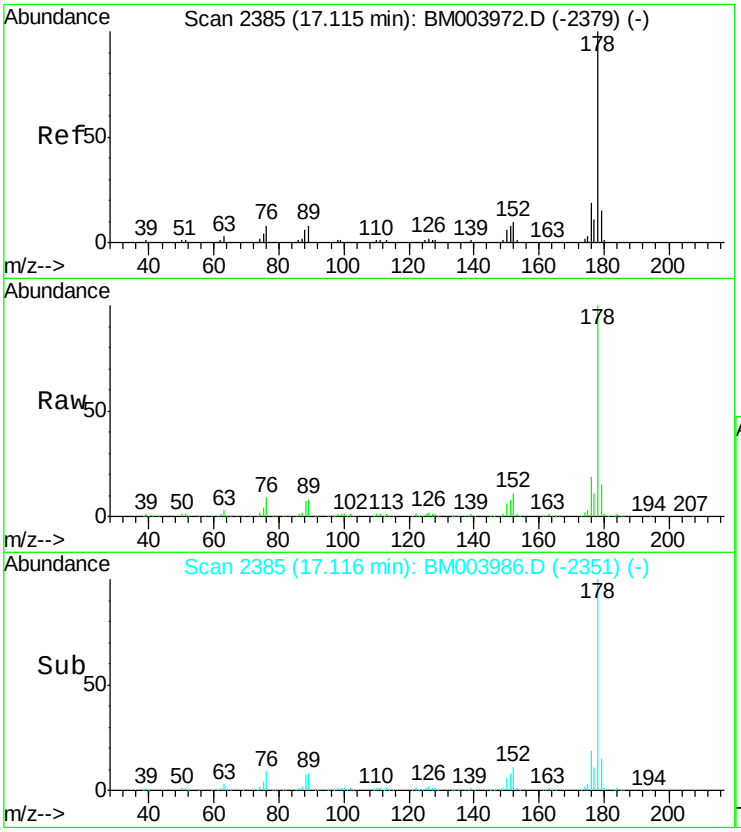


#59
Fluorene
Concen: 4.51 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:166 Resp: 37002

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.5	117.7
167	15.0	10.7	16.1

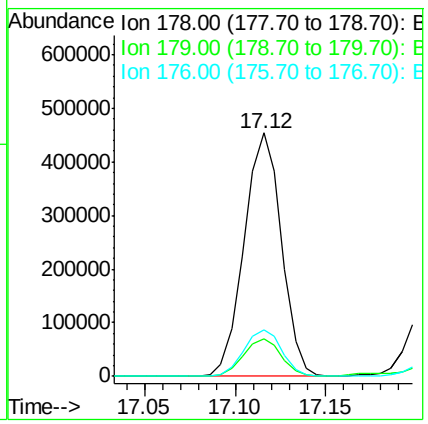




#70
Phenanthrene
Concen: 50.12 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:178 Resp: 649430

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.3	15.6	23.4



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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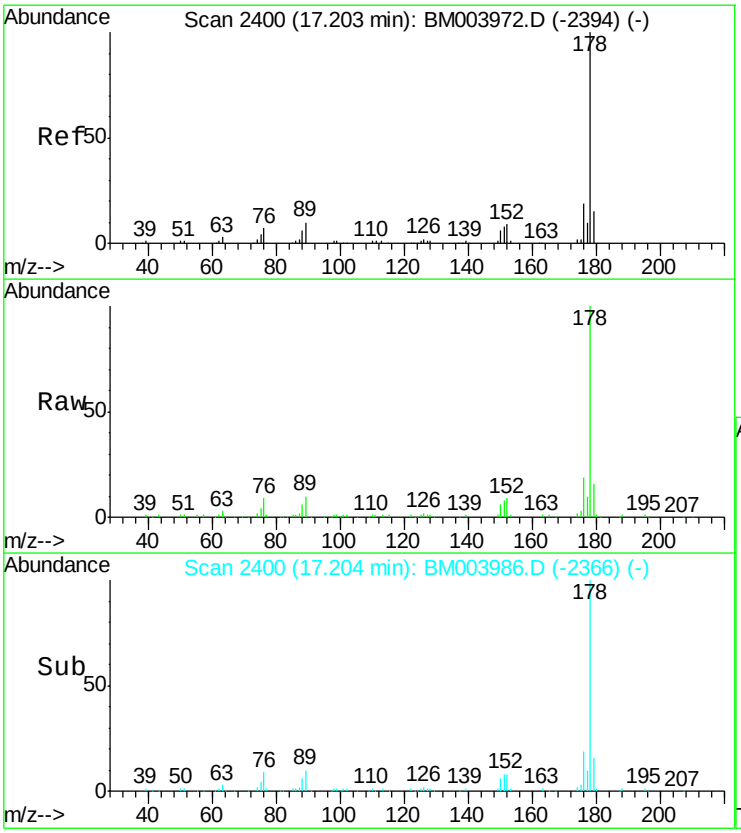
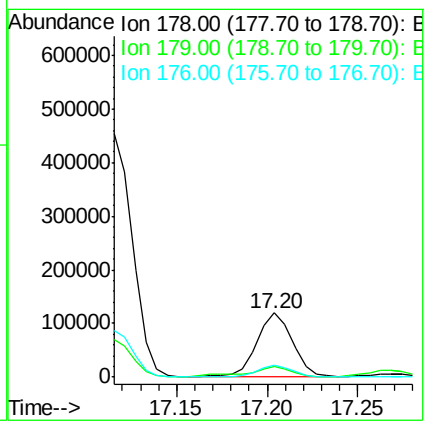
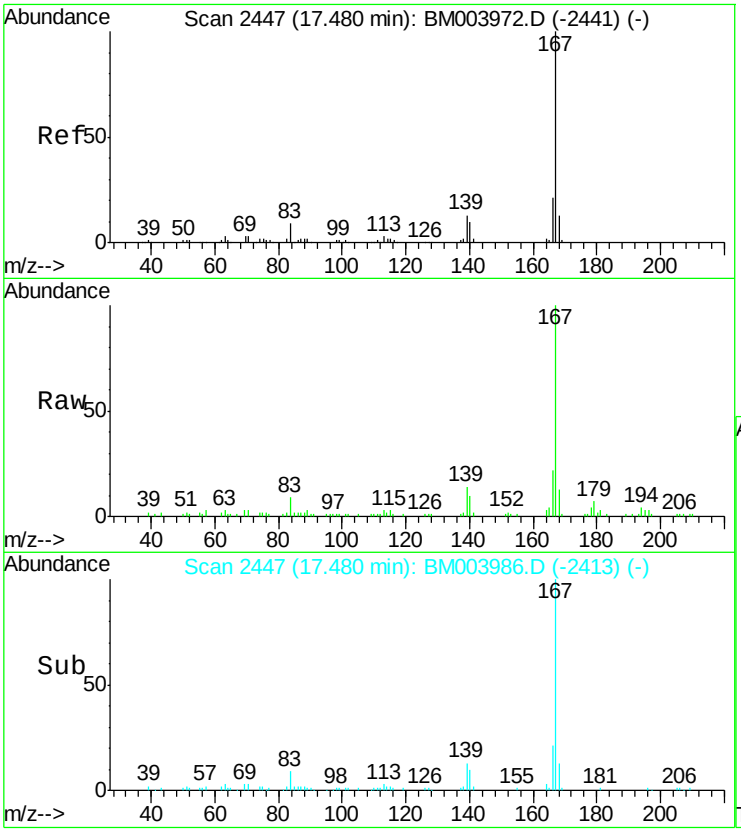


#72
Anthracene
Concen: 12.31 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:178 Resp: 163566

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	18.6	14.8	22.2

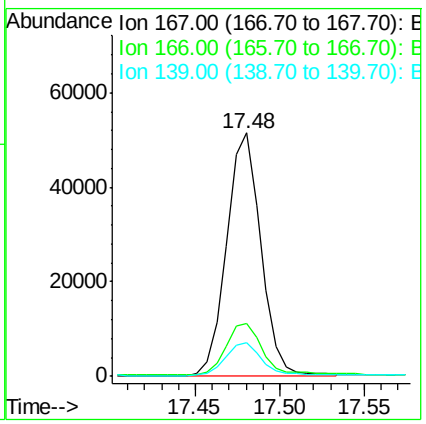




#75
Carbazole
Concen: 6.24 ng/ul
RT: 17.48 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:167 Resp: 72903

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	13.9	11.0	16.4



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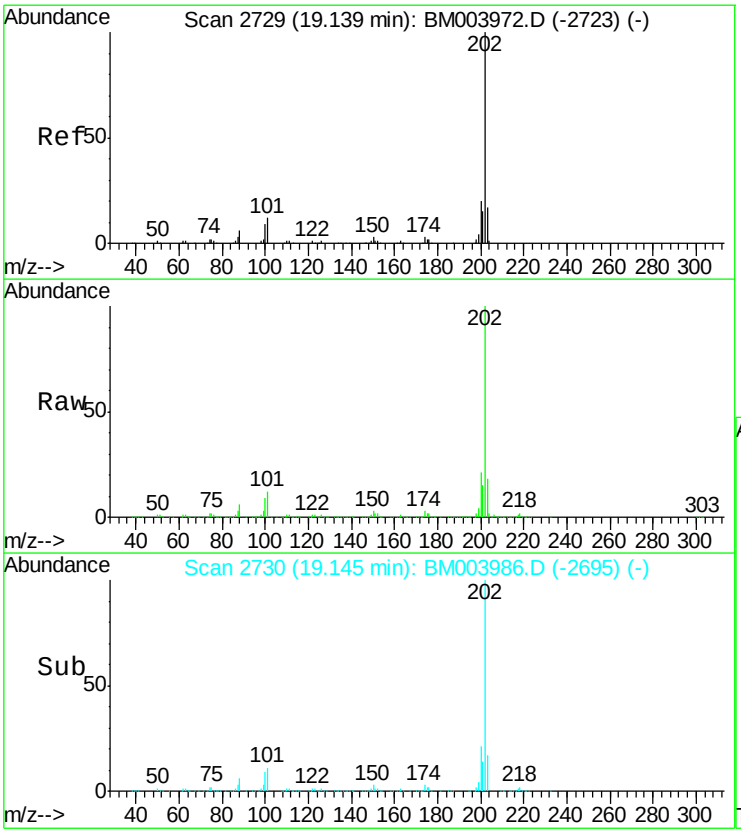
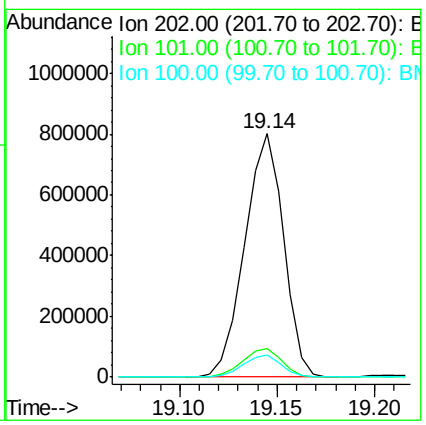
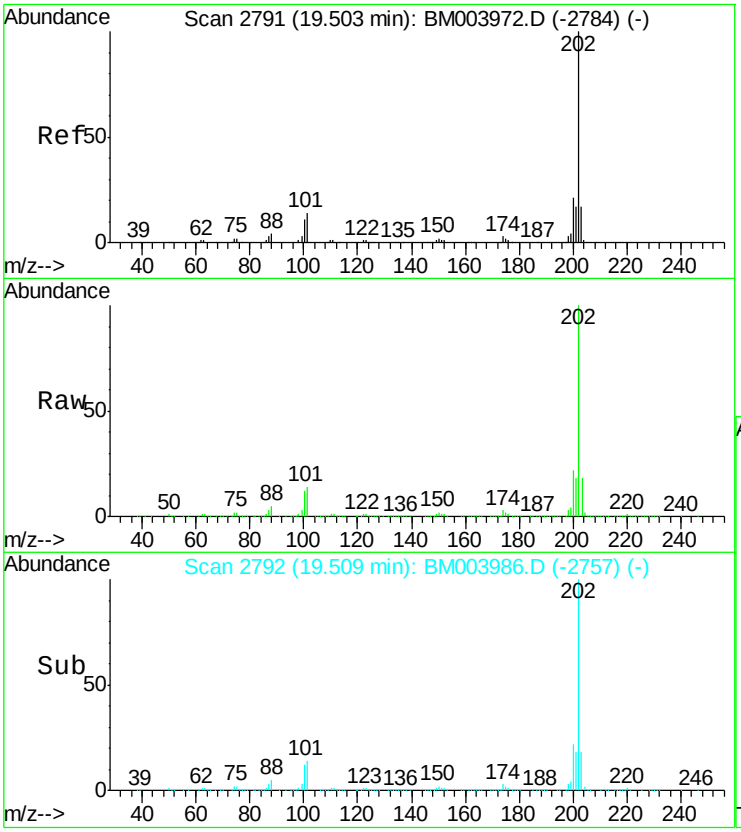


#77
Fluoranthene
Concen: 81.71 ng/ul
RT: 19.14 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:202 Resp: 1100181

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.8	13.2
100	8.9	6.6	9.8

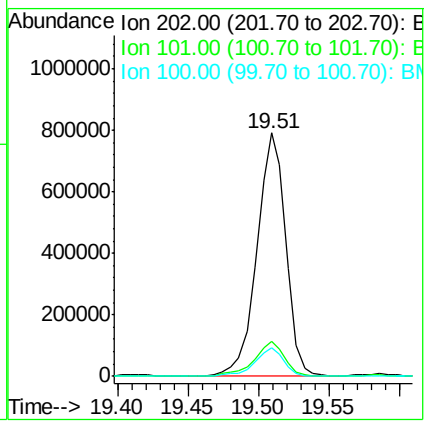




#80
Pyrene
Concen: 94.72 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:202 Resp: 1131175

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.2	15.2
100	11.6	8.5	12.7



Instrument :
BNA_M
ClientSampleId :
BC9A8

Manual Integrations APPROVED
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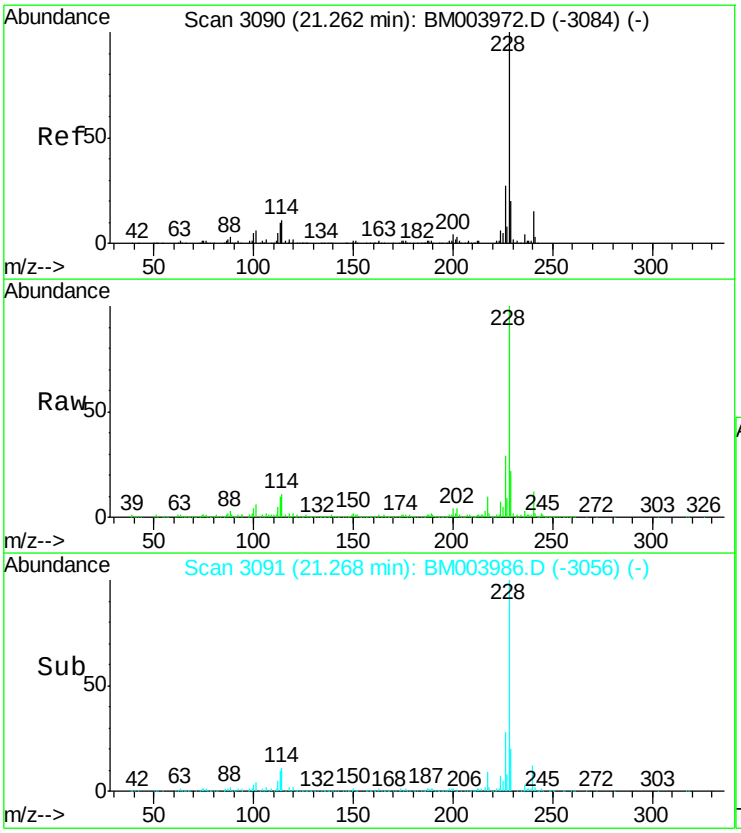
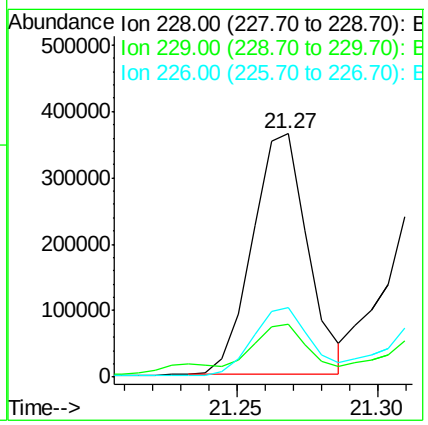
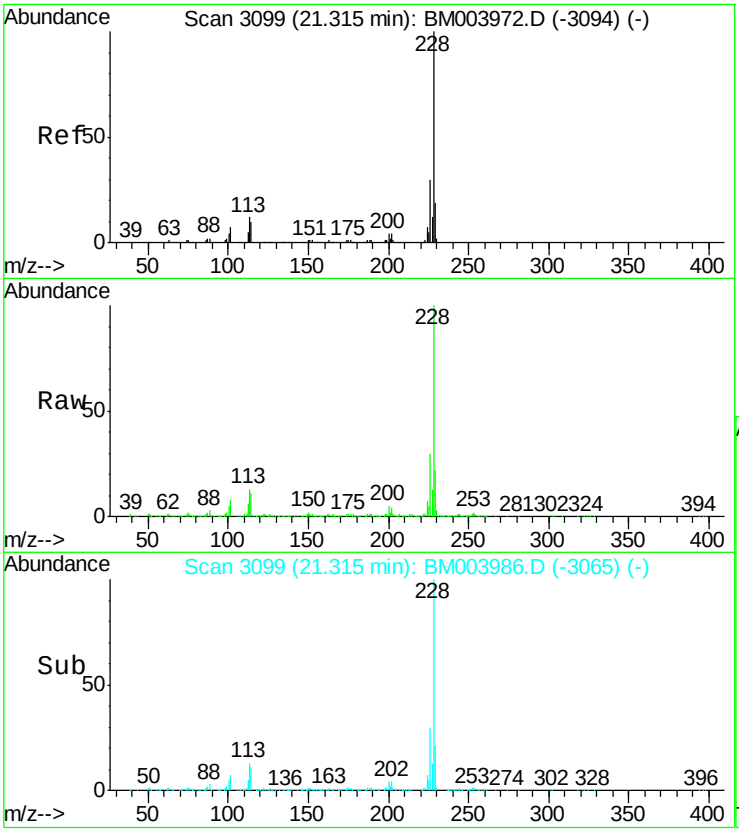


#83
Benzo(a)anthracene
Concen: 46.90 ng/ul
RT: 21.27 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:228 Resp: 491301

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	28.7	21.8	32.6

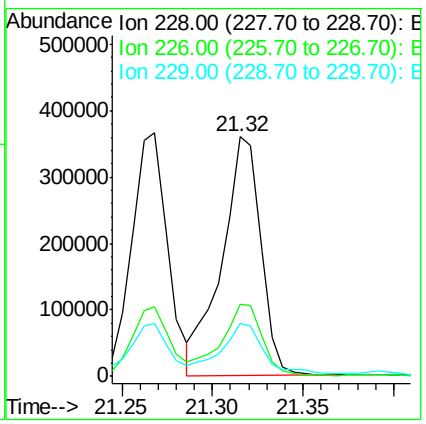




#85
Chrysene
Concen: 54.20 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:228 Resp: 539486

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	22.0	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
BC9A8

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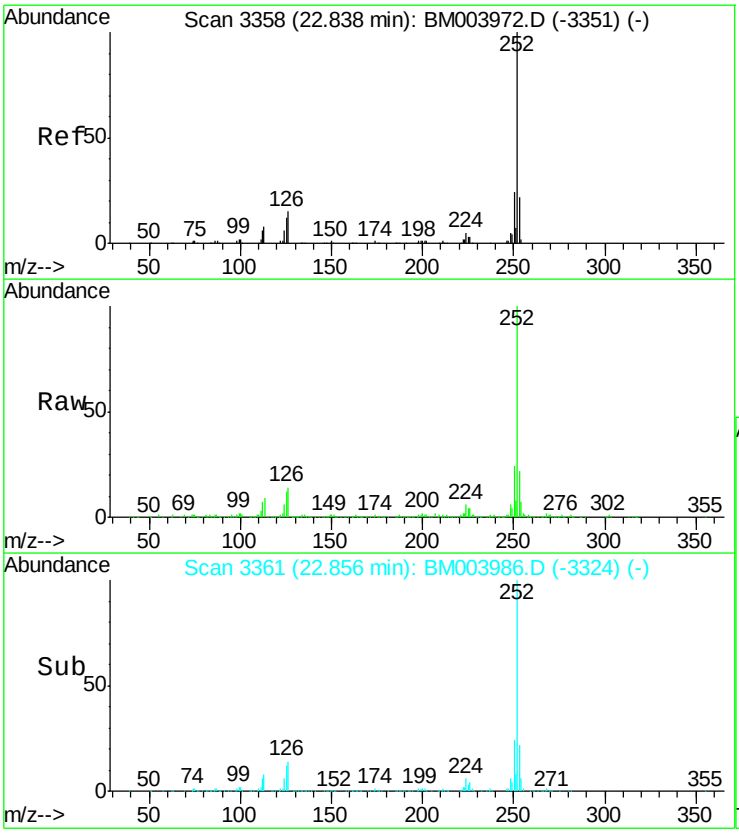
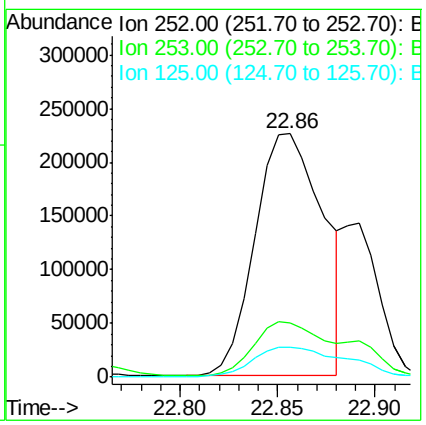
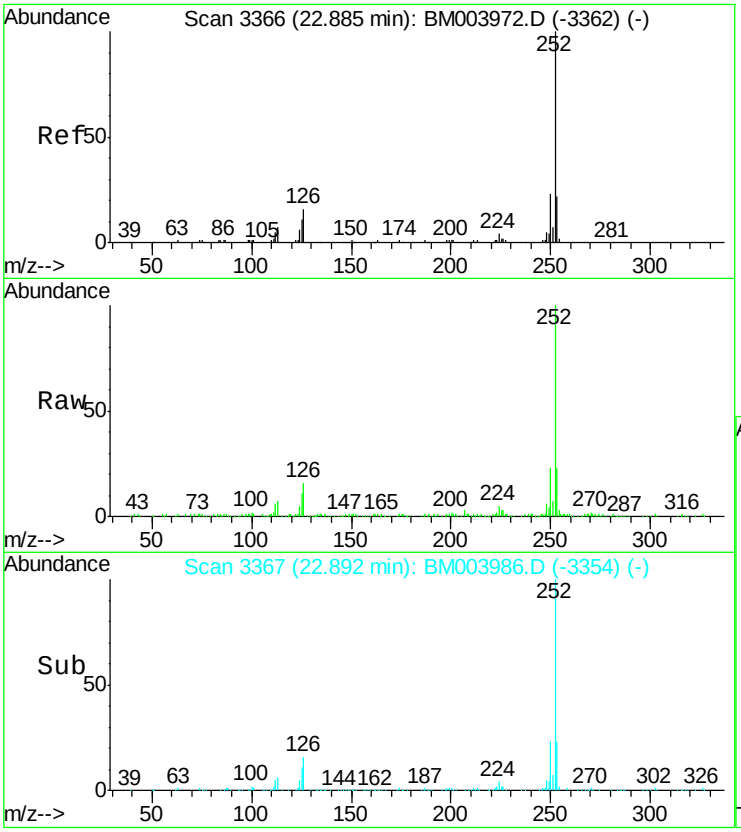


#88
Benzo(b)fluoranthene
Concen: 54.61 ng/ul
RT: 22.86 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:252 Resp: 546358

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.3	8.5	12.7

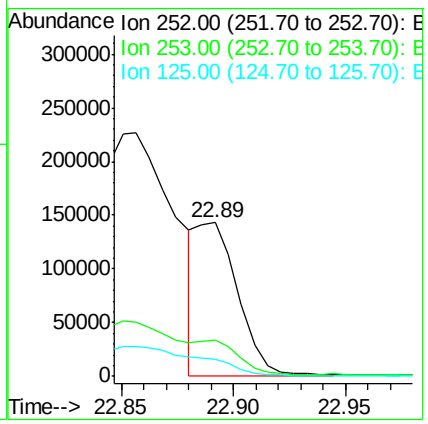




#89
Benzo(k)fluoranthene
Concen: 19.16 ng/ul m
RT: 22.89 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:252 Resp: 182412

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	11.2	8.2	12.2



Instrument :
BNA_M
ClientSampleId :
BC9A8

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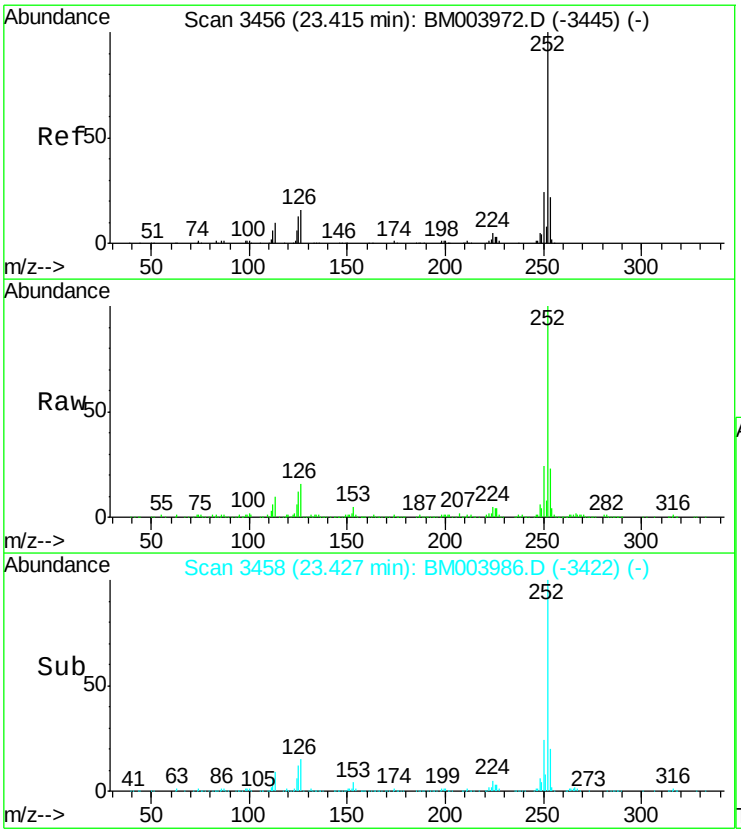
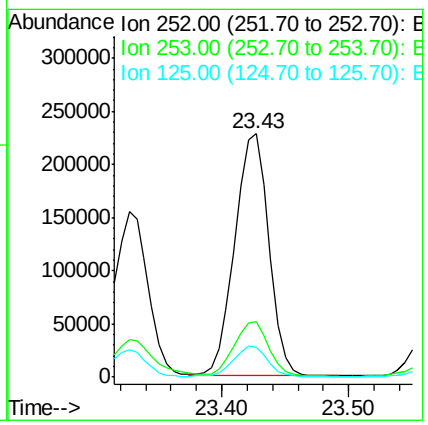
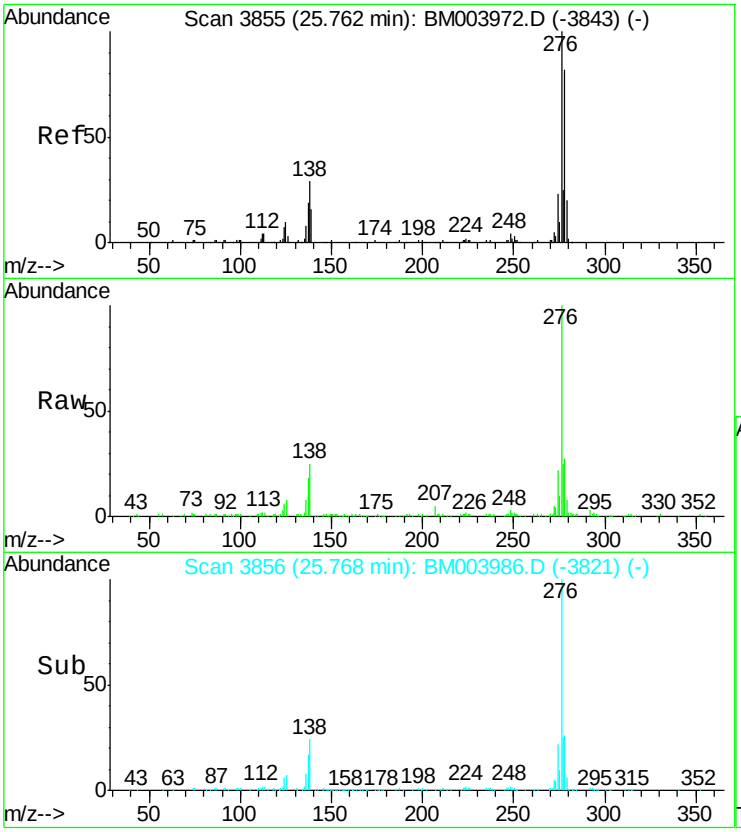


#91
Benzo(a)pyrene
Concen: 44.80 ng/ul
RT: 23.43 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:252 Resp: 425032

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.2	9.0	13.6

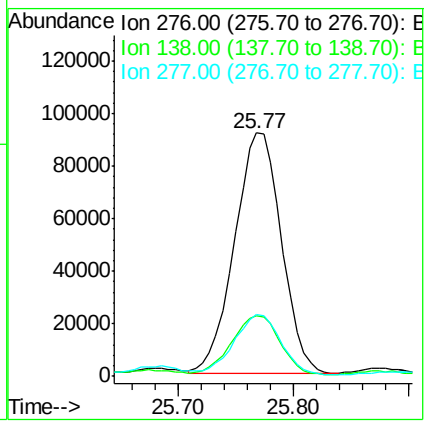




#92
Indeno(1,2,3-cd)pyrene
Concen: 24.54 ng/ul
RT: 25.77 min Scan# 3856
Delta R.T. 0.01 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:276 Resp: 257611

Ion	Ratio	Lower	Upper
276	100		
138	24.7	22.3	33.5
277	25.2	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
BC9A8

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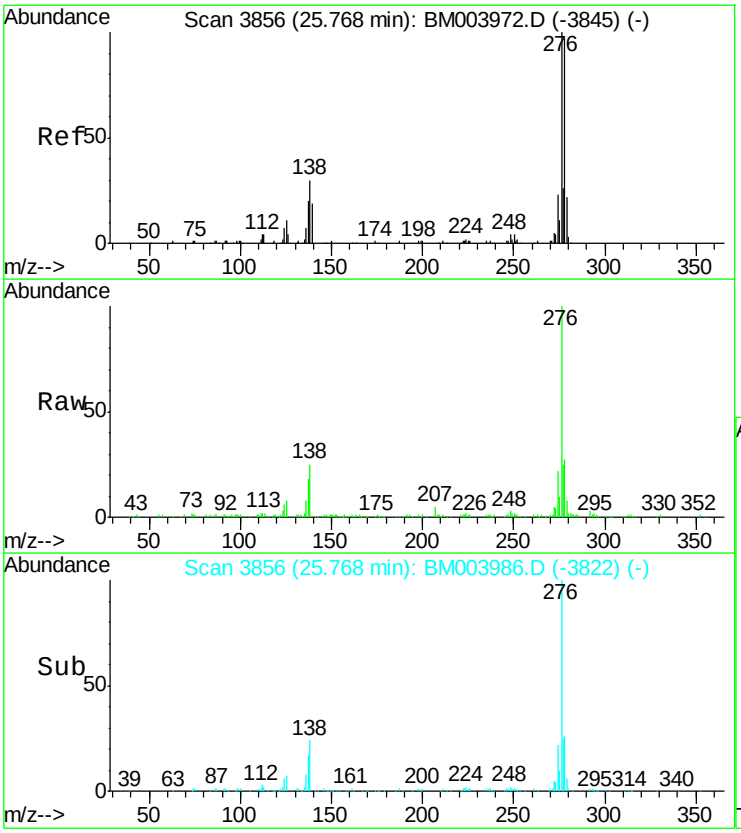
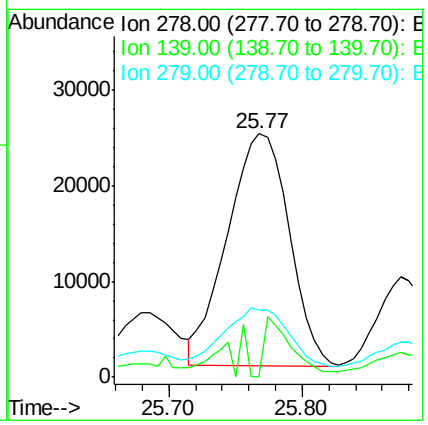
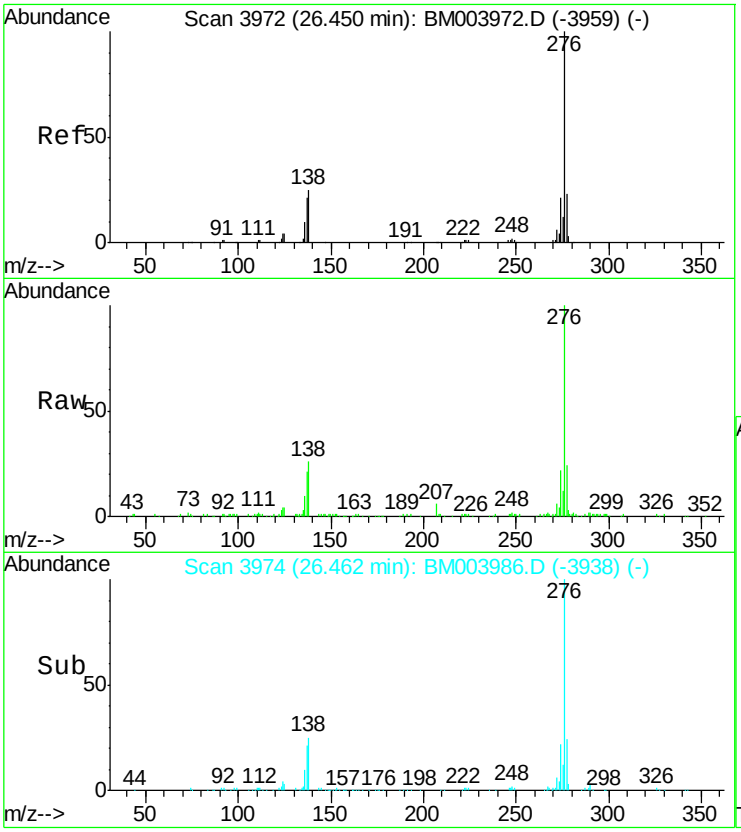


#93
Dibenzo(a,h)anthracene
Concen: 8.90 ng/ul
RT: 25.77 min Scan# 3856
Delta R.T. 0.00 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:278 Resp: 78448

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	27.6	19.0	28.4

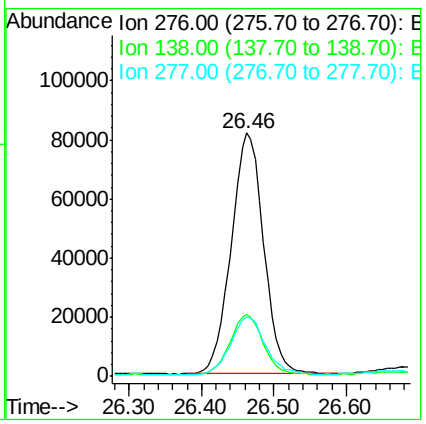




#94
Benzo(g,h,i)perylene
Concen: 28.72 ng/ul
RT: 26.46 min Scan# 3974
Delta R.T. 0.01 min
Lab File: BM003986.D
Acq: 13 Jan 2016 11:25

Tgt Ion:276 Resp: 253157

Ion	Ratio	Lower	Upper
276	100		
138	25.6	18.9	28.3
277	24.2	19.2	28.8



Instrument :
BNA_M
ClientSampleId :
BC9A8

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