Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002430.D
Acq On : 15 Aug 2015 18:24
Operator : UM/IZ
Sample : G3194-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DB5

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:46:16 PM

Quant Time: Aug 17 05:30:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	174012	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	764590	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	380234	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	700141	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	481846	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	457927	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	623391	16.04	ng/ul	0.00
10) Fluorene-d10	16.42	176	413649	15.15	ng/ul	0.00
14) Anthracene-d10	18.25	188	543457	16.09	ng/ul	0.00
18) Pyrene-d10	20.47	212	441743	20.68	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.73	264	356800	14.83	ng/ul	0.00
Target Compounds						Qvalue
4) 2-Methylnaphthalene	13.33	142	43901	1.50	ng/ul	96
5) 1-Methylnaphthalene	13.55	142	33048	1.14	ng/ul	100
13) Phenanthrene	18.20	178	158997	3.93	ng/ul	99
15) Anthracene	18.29	178	50594	1.23	ng/ul	99
16) Fluoranthene	20.14	202	264107	5.77	ng/ul	98
19) Pyrene	20.50	202	252029	8.93	ng/ul	99
20) Benzo(a)anthracene	22.22	228	142426	4.94	ng/ul	96
21) Chrysene	22.27	228	158561m	5.88	ng/ul	
23) Benzo(b)fluoranthene	24.07	252	242175	8.75	ng/ul#	94
24) Benzo(k)fluoranthene	24.12	252	59148m	2.25	ng/ul	
26) Benzo(a)pyrene	24.78	252	147259	5.57	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.72	276	108034	3.55	ng/ul	94
28) Dibenzo(a,h)anthracene	27.71	278	33310	1.31	ng/ul#	63
29) Benzo(g,h,i)perylene	28.60	276	142551	5.63	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002430.D
Acq On : 15 Aug 2015 18:24
Operator : UM/IZ
Sample : G3194-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 17 05:30:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9DB5

Manual Integrations APPROVED
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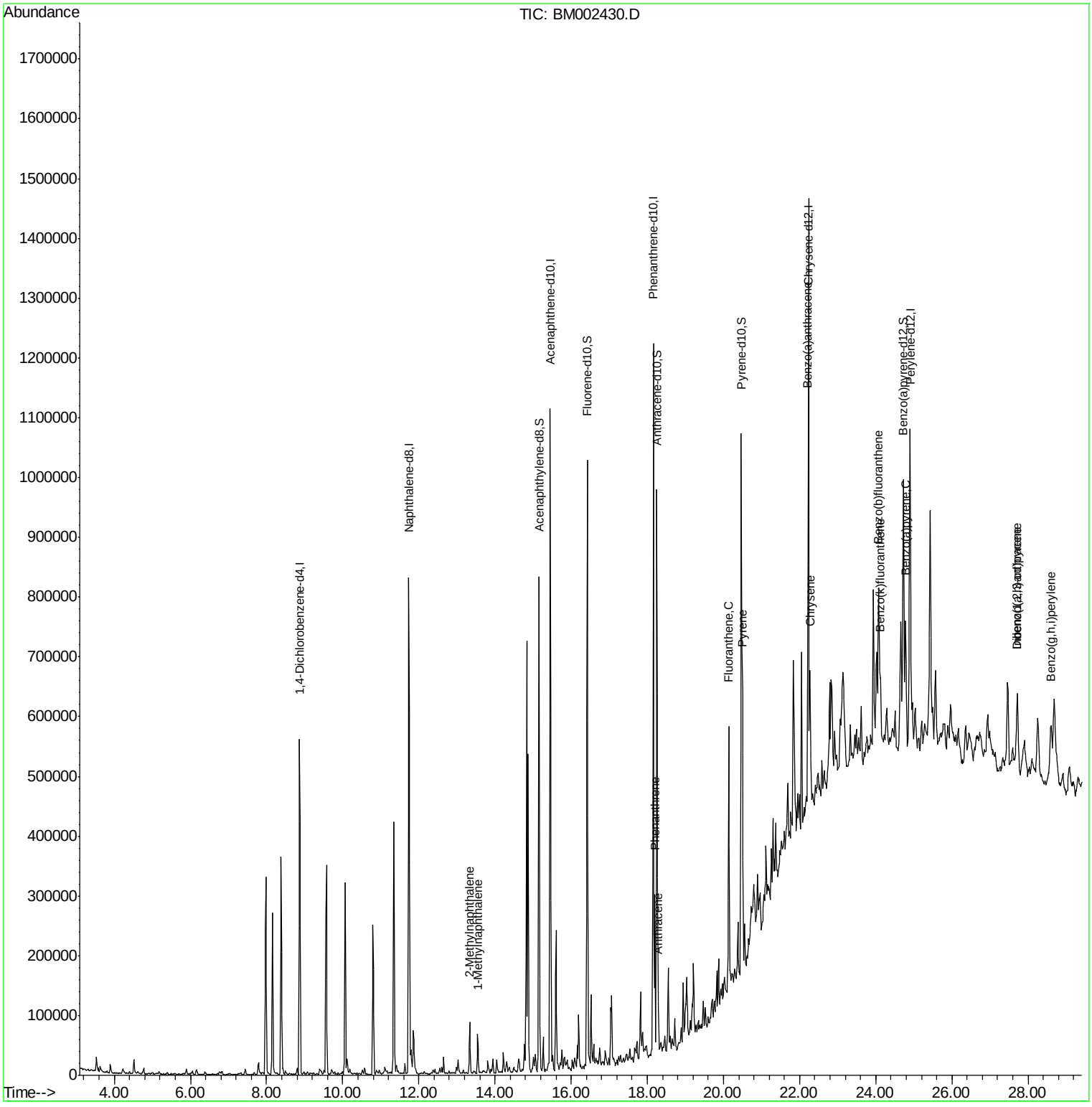
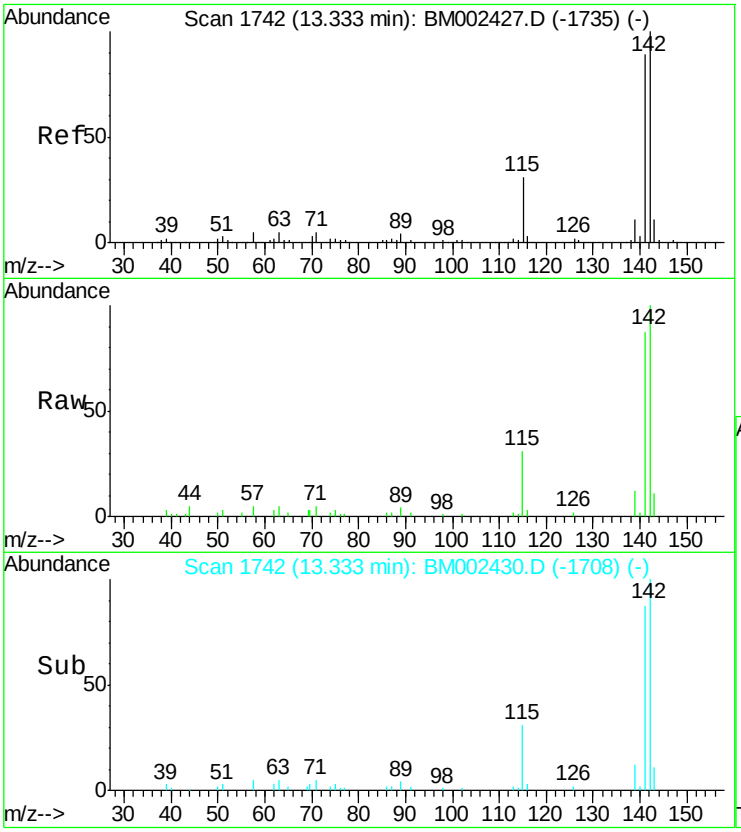
8/17/2015 2:46:16 PM

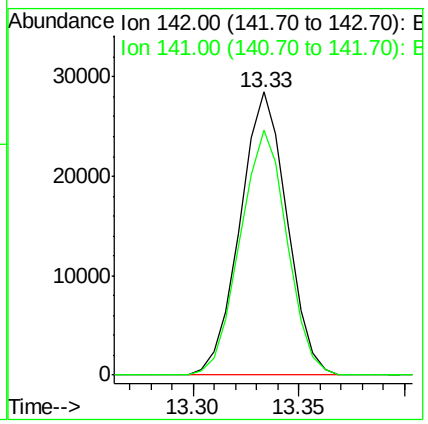




#4
2-Methylnaphthalene
Concen: 1.50 ng/ul
RT: 13.33 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:142 Resp: 43901

Ion	Ratio	Lower	Upper
142	100		
141	86.6	72.2	108.2



Instrument :
BNA_M
ClientSampleId :
D9DB5

Manual Integrations APPROVED
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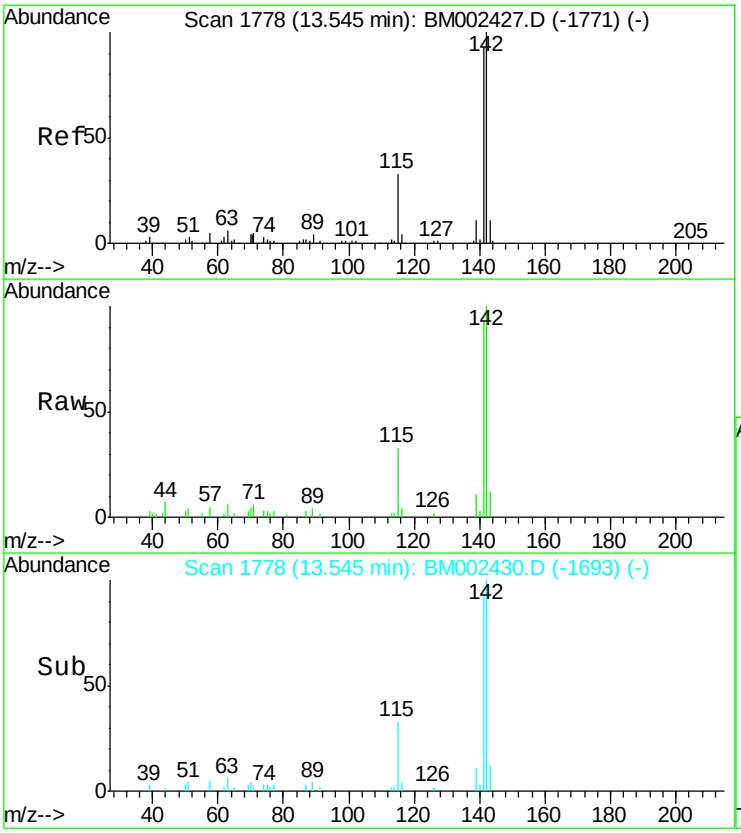
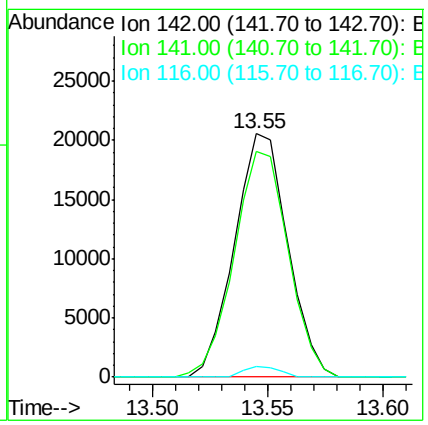
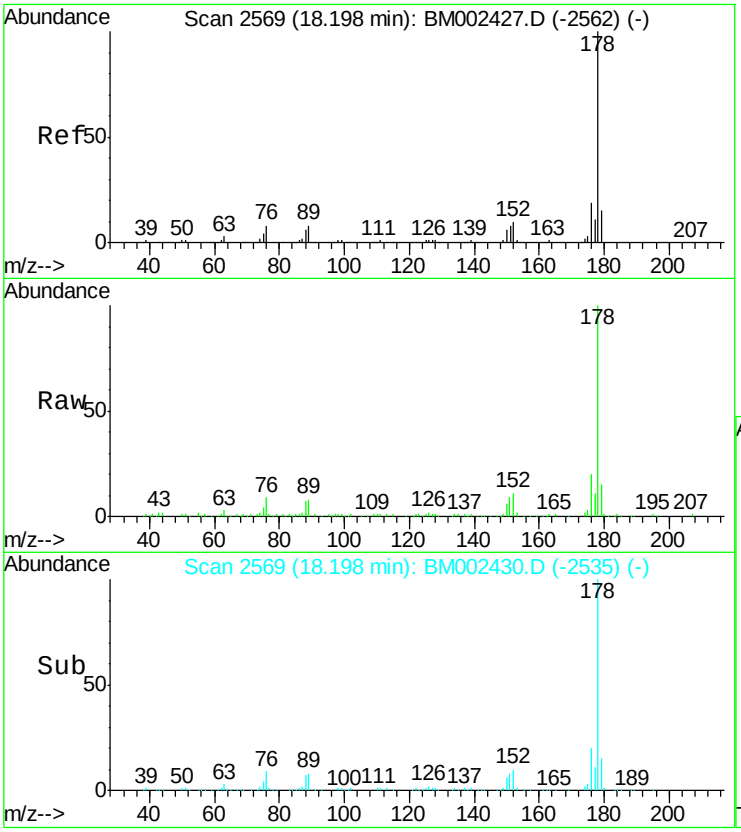


#5
1-Methylnaphthalene
Concen: 1.14 ng/ul
RT: 13.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:142 Resp: 33048

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9
116	4.3	3.0	4.4

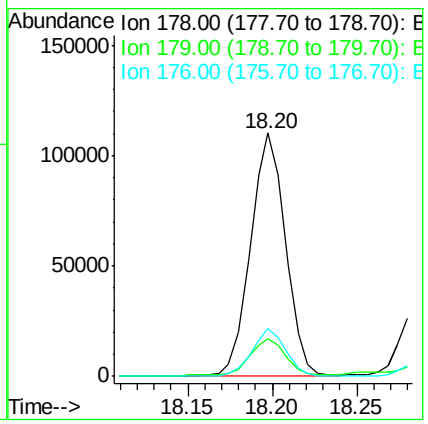




#13
Phenanthrene
Concen: 3.93 ng/ul
RT: 18.20 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:178 Resp: 158997

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.6	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9DB5

Manual Integrations APPROVED
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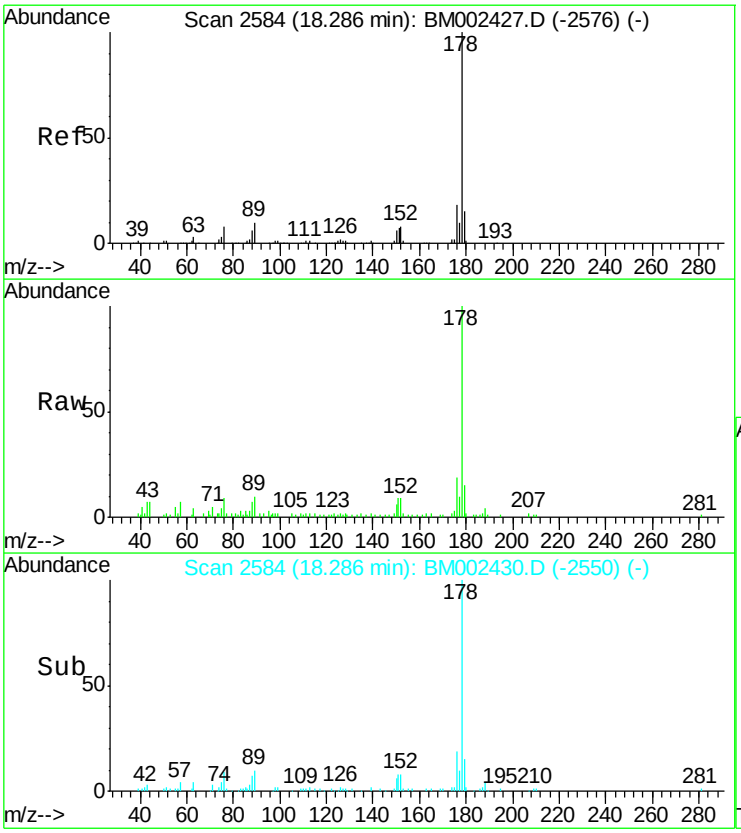
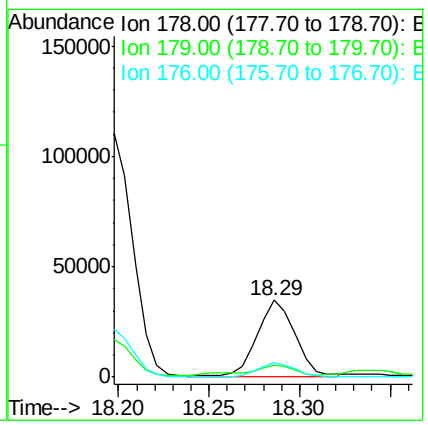
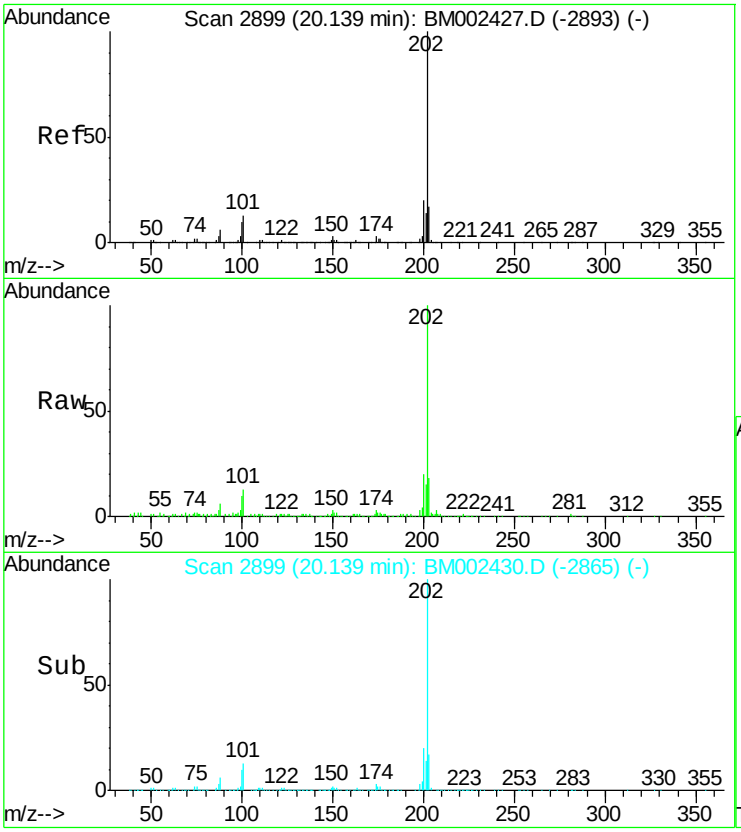


#15
Anthracene
Concen: 1.23 ng/ul
RT: 18.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:178 Resp: 50594

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	18.8
176	18.8	14.5	21.7

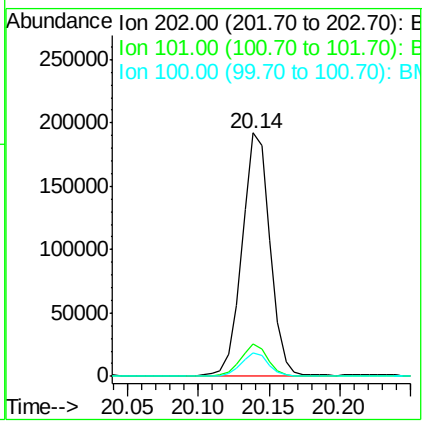




#16
Fluoranthene
Concen: 5.77 ng/ul
RT: 20.14 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:202 Resp: 264107

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.7	14.5
100	9.7	7.4	11.2



Instrument :
BNA_M
ClientSampleId :
D9DB5

Manual Integrations APPROVED
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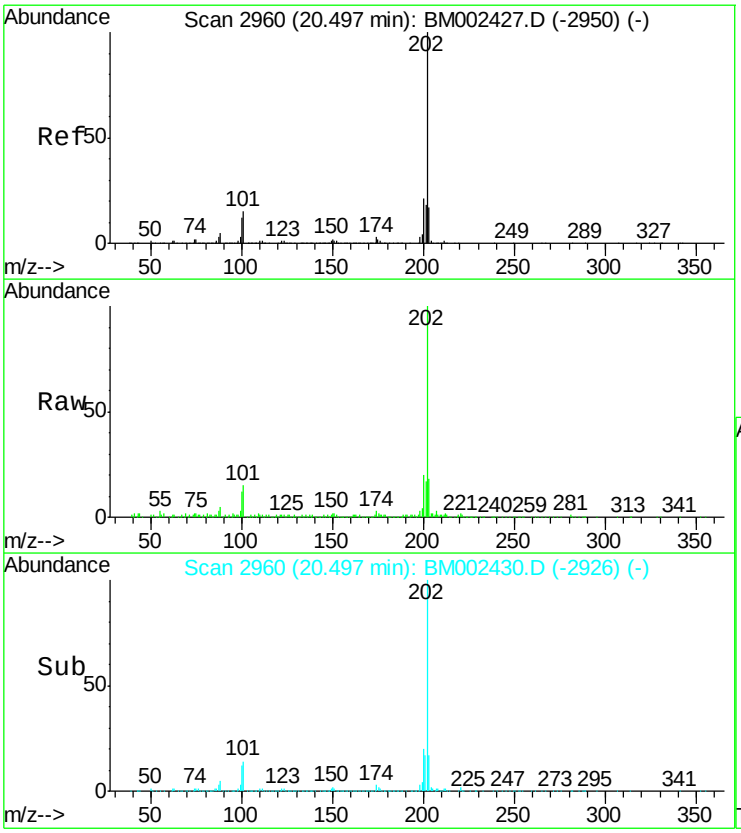
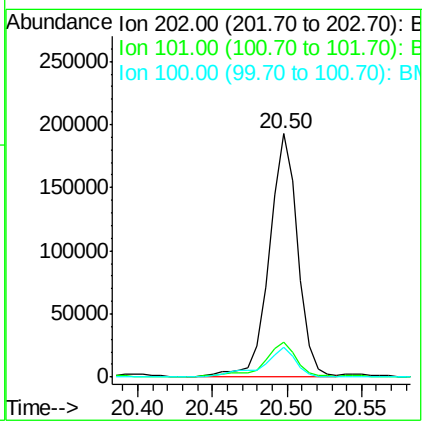
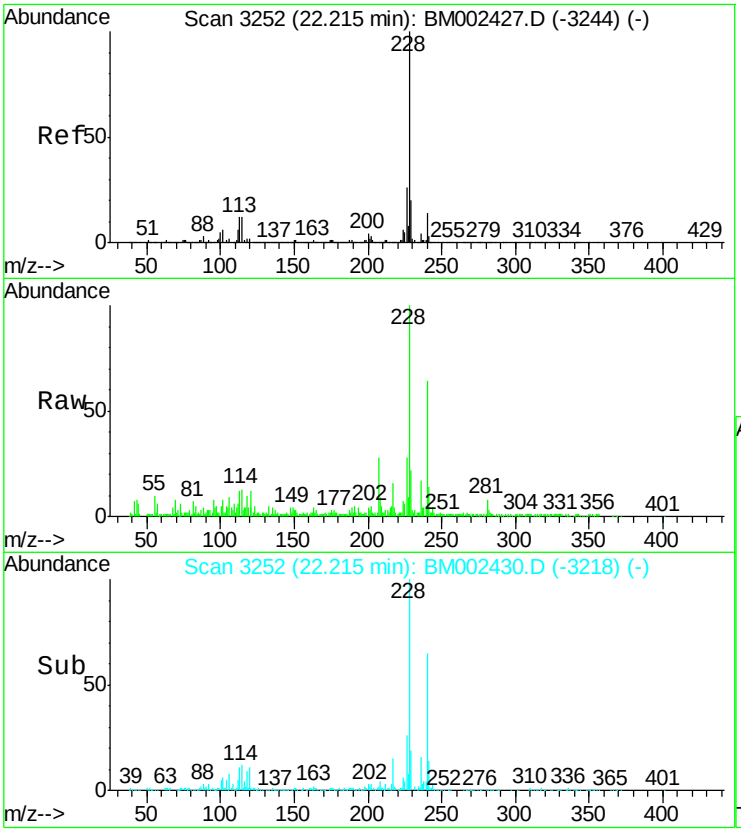


#19
Pyrene
Concen: 8.93 ng/ul
RT: 20.50 min Scan# 2960
Delta R.T. 0.00 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:202 Resp: 252029

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.0	18.0
100	12.3	9.7	14.5

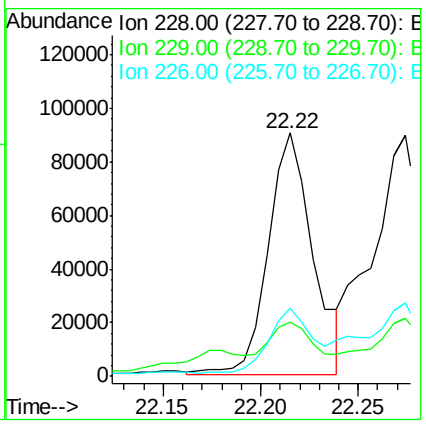




#20
Benzo(a)anthracene
Concen: 4.94 ng/ul
RT: 22.22 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:228 Resp: 142426

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.6
226	27.8	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
D9DB5

Manual Integrations APPROVED
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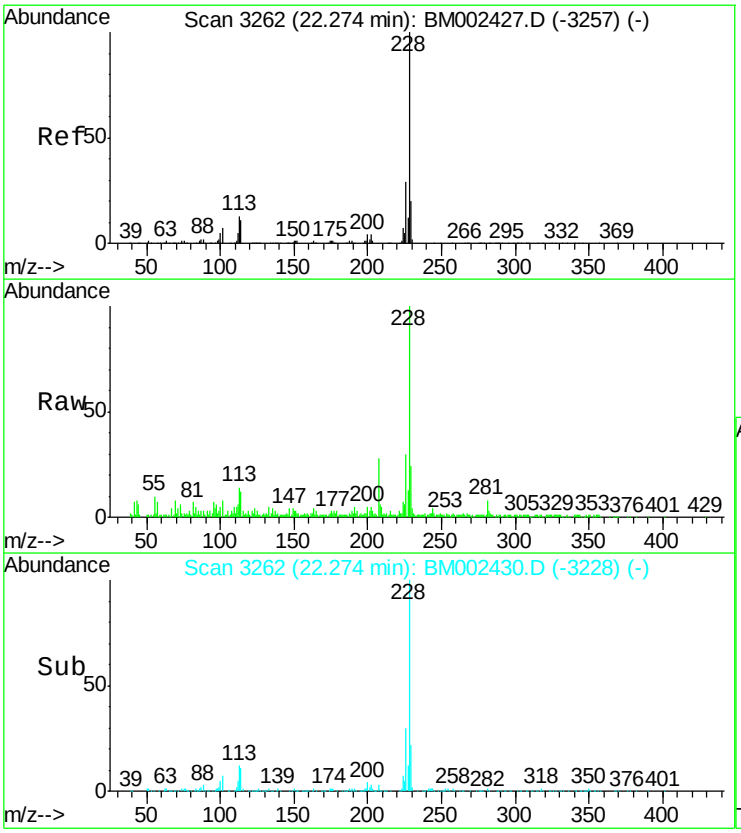
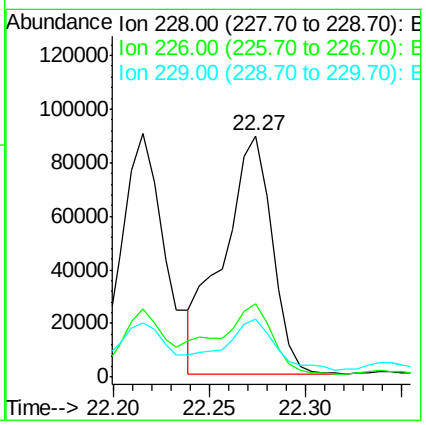
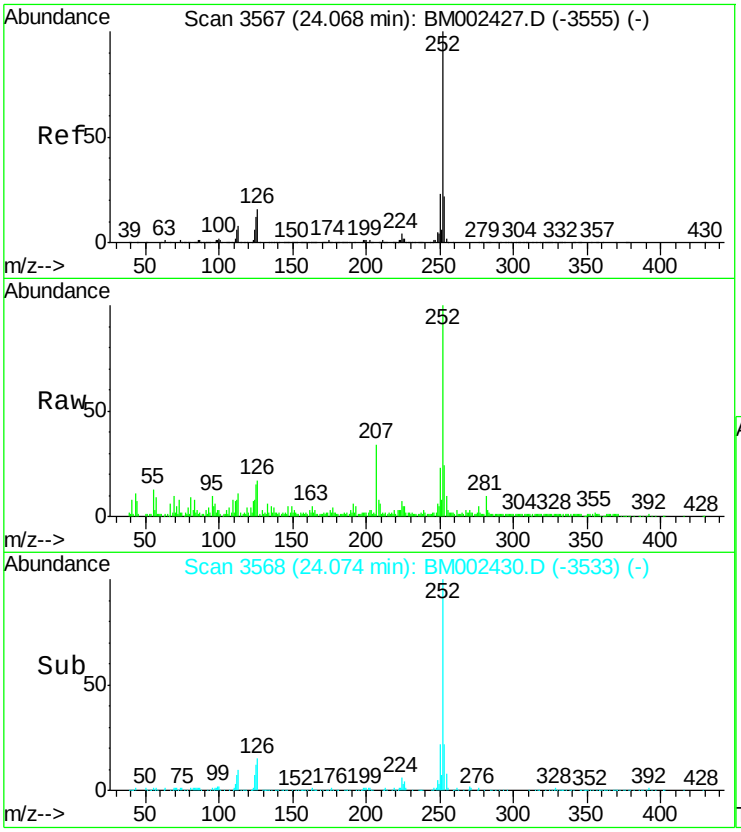


#21
Chrysene
Concen: 5.88 ng/ul m
RT: 22.27 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:228 Resp: 158561

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	24.3	15.7	23.5#





#23
Benzo(b)fluoranthene
Concen: 8.75 ng/ul
RT: 24.07 min Scan# 3568
Delta R.T. 0.01 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:252 Resp: 242175

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	15.3	10.0	15.0#

Instrument :
BNA_M
ClientSampleId :
D9DB5

Manual Integrations APPROVED
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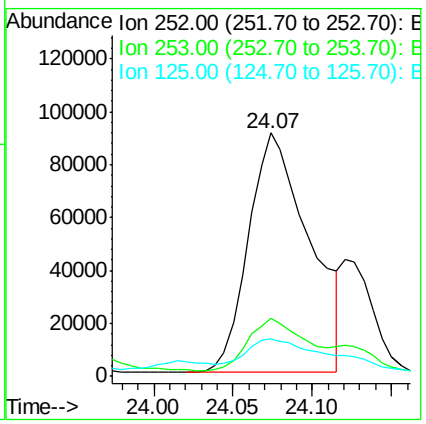
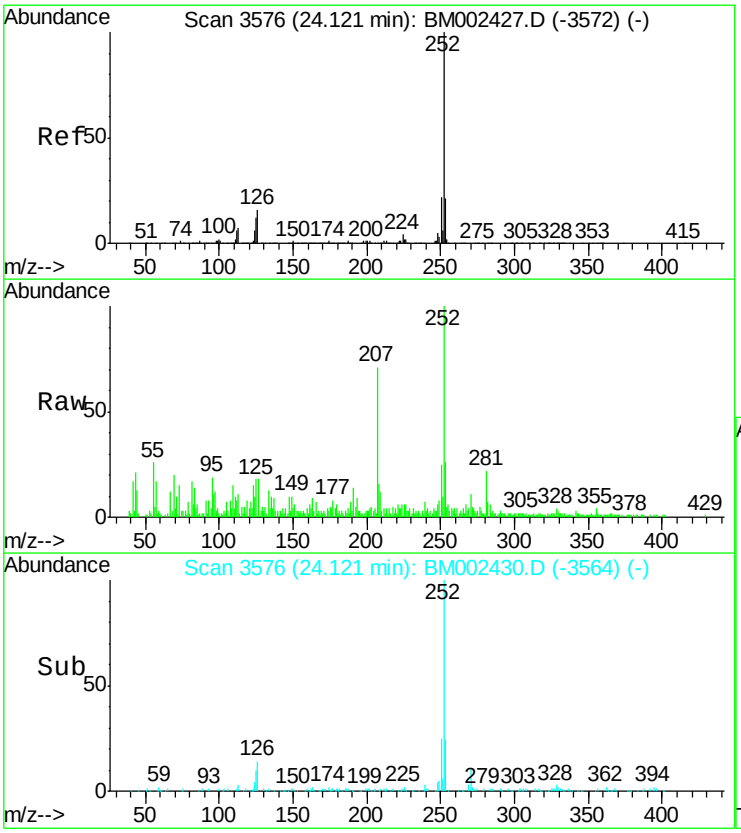
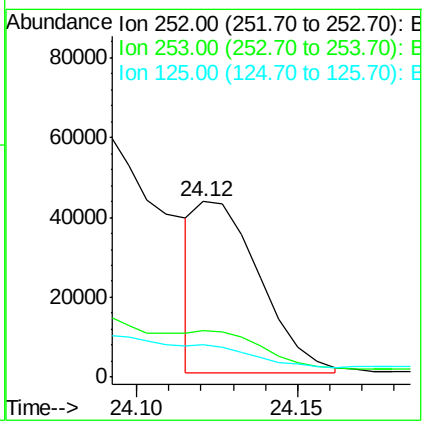


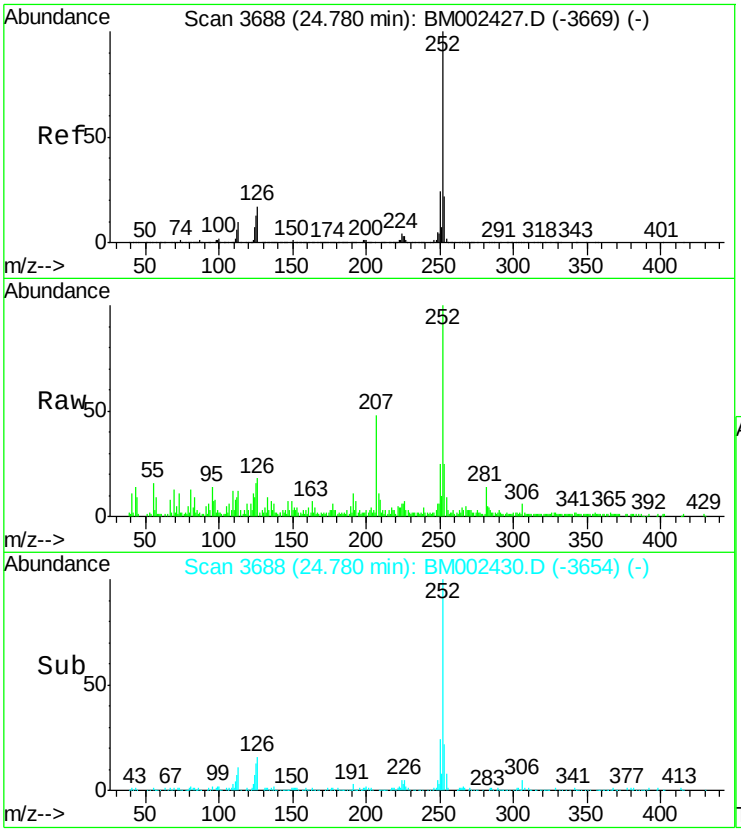


#24
Benzo(k)fluoranthene
Concen: 2.25 ng/ul m
RT: 24.12 min Scan# 3576
Delta R.T. 0.00 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:252 Resp: 59148

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.8	26.6
125	18.5	9.8	14.8#





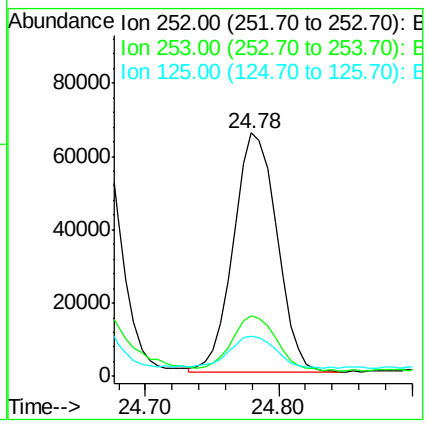
#26
Benzo(a)pyrene
Concen: 5.57 ng/ul
RT: 24.78 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

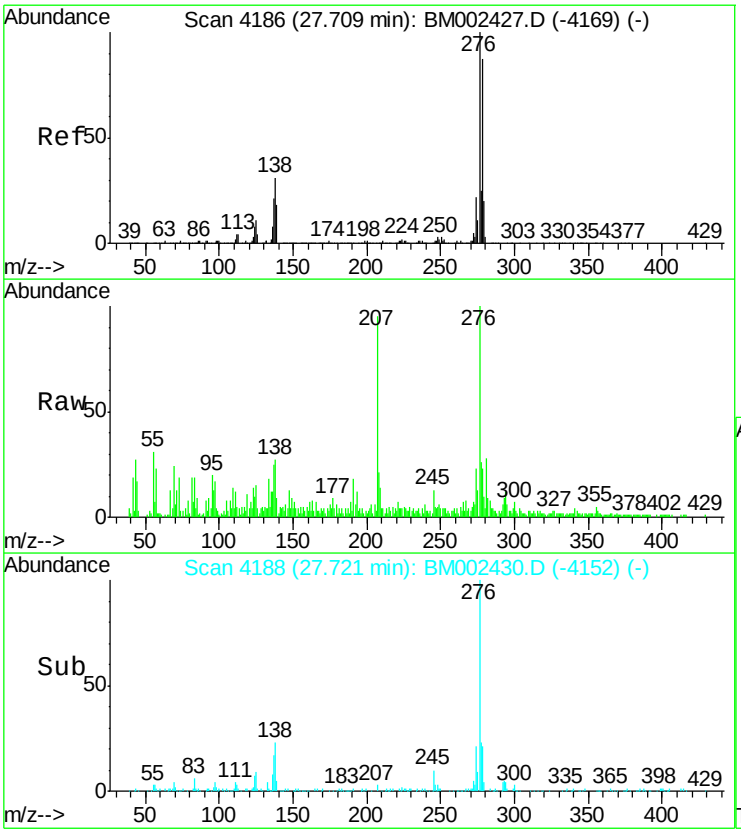
Tgt Ion:252 Resp: 147259

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.6	26.4
125	16.5	10.7	16.1#

Instrument :
BNA_M
ClientSampleId :
D9DB5

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:46:16 PM

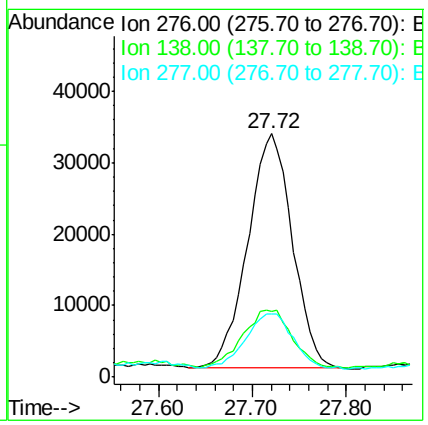


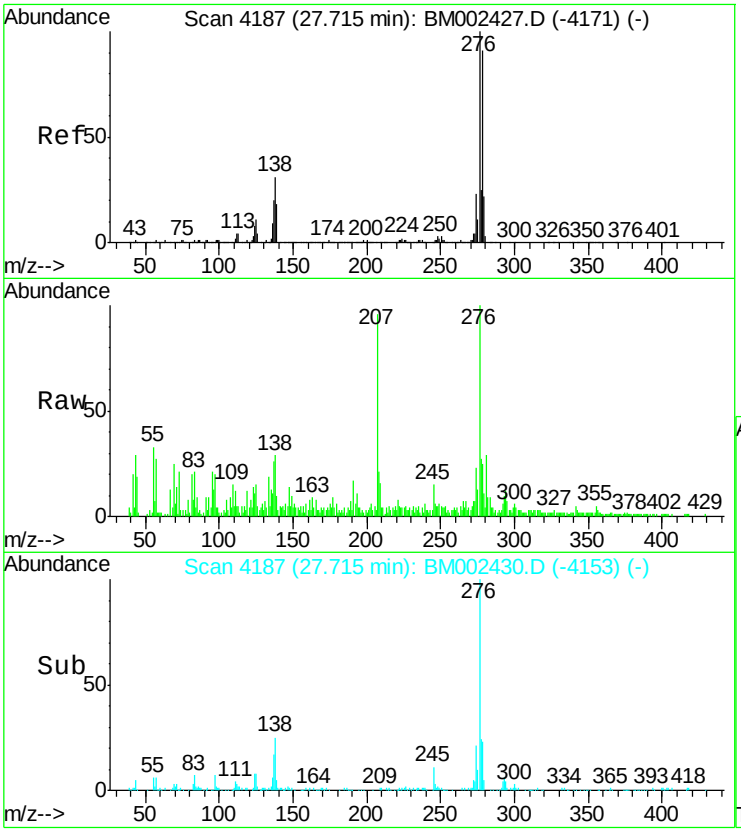


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.55 ng/ul
RT: 27.72 min Scan# 4188
Delta R.T. 0.01 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:276 Resp: 108034

Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.3	37.9
277	26.1	20.2	30.2





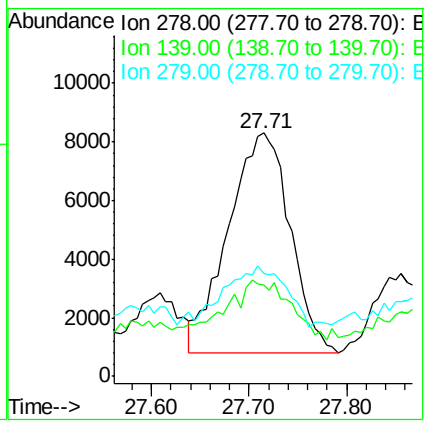
#28
Dibenzo(a,h)anthracene
Concen: 1.31 ng/ul
RT: 27.71 min Scan# 4187
Delta R.T. 0.00 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

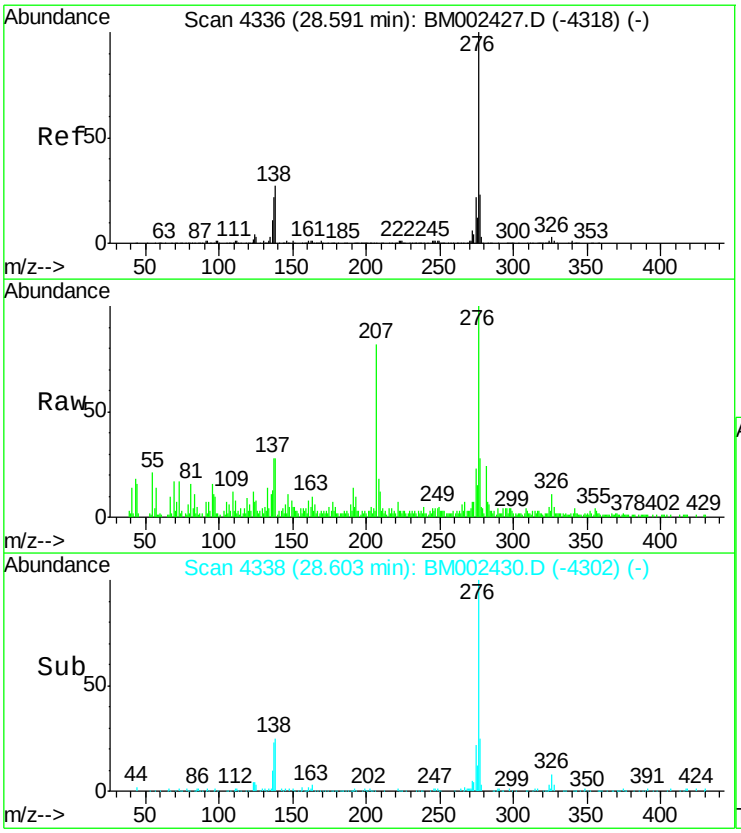
Instrument :
BNA_M
ClientSampleId :
D9DB5

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:46:16 PM

Tgt Ion:278 Resp: 33310

Ion	Ratio	Lower	Upper
278	100		
139	37.4	16.5	24.7#
279	42.1	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 5.63 ng/ul
RT: 28.60 min Scan# 4338
Delta R.T. 0.01 min
Lab File: BM002430.D
Acq: 15 Aug 2015 18:24

Tgt Ion:276 Resp: 142551

Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.0	31.6
277	27.6	19.2	28.8