Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
Data File : BM002460.D
Acq On : 17 Aug 2015 20:32
Operator : UM/IZ
Sample : G3227-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DD0

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:18:39 PM

Quant Time: Aug 18 02:56:31 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:54:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	144098	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	647995	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	329353	20.00	ng/ul	0.01
12) Phenanthrene-d10	18.17	188	598646	20.00	ng/ul	0.00
17) Chrysene-d12	22.25	240	414701	20.00	ng/ul	0.01
22) Perylene-d12	24.94	264	410085	20.00	ng/ul	0.03
System Monitoring Compounds						
7) Acenaphthylene-d8	15.17	160	565880	16.80	ng/ul	0.01
10) Fluorene-d10	16.43	176	376807	15.93	ng/ul	0.01
14) Anthracene-d10	18.27	188	487903	16.90	ng/ul	0.01
18) Pyrene-d10	20.49	212	384964	20.94	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.76	264	328622	15.26	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.80	128	92075	2.78	ng/ul	99
4) 2-Methylnaphthalene	13.34	142	57880	2.34	ng/ul	98
5) 1-Methylnaphthalene	13.56	142	41227	1.68	ng/ul	99
8) Acenaphthylene	15.19	152	87325	2.48	ng/ul	99
13) Phenanthrene	18.21	178	300235	8.69	ng/ul	100
15) Anthracene	18.30	178	114209	3.26	ng/ul	100
16) Fluoranthene	20.16	202	607744	15.53	ng/ul	99
19) Pyrene	20.52	202	527528	21.71	ng/ul	99
20) Benzo(a)anthracene	22.23	228	321784	12.98	ng/ul	96
21) Chrysene	22.29	228	401983	17.33	ng/ul	96
23) Benzo(b)fluoranthene	24.11	252	923911	37.27	ng/ul#	95
24) Benzo(k)fluoranthene	24.15	252	233015m	9.92	ng/ul	
26) Benzo(a)pyrene	24.82	252	686758	29.00	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.79	276	765754	28.12	ng/ul	94
28) Dibenzo(a,h)anthracene	27.79	278	205839	9.04	ng/ul#	84
29) Benzo(g,h,i)perylene	28.69	276	731826	32.28	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
Data File : BM002460.D
Acq On : 17 Aug 2015 20:32
Operator : UM/IZ
Sample : G3227-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 18 02:56:31 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:54:16 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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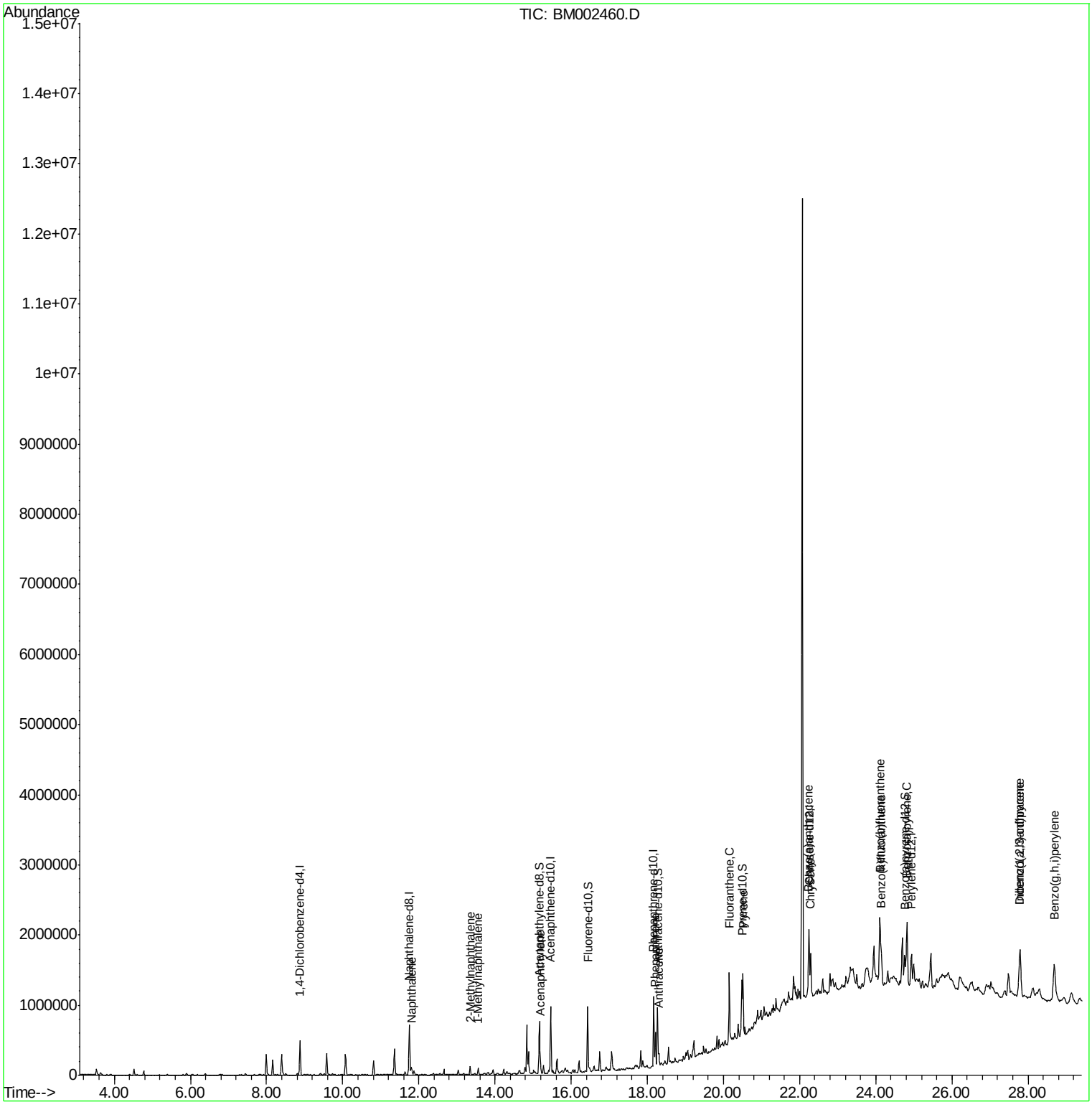
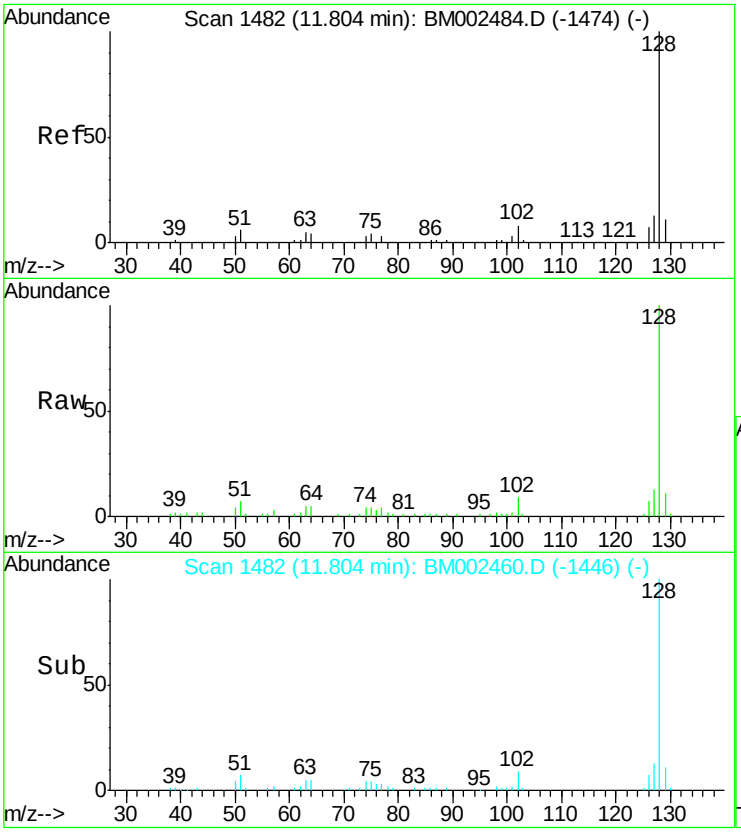
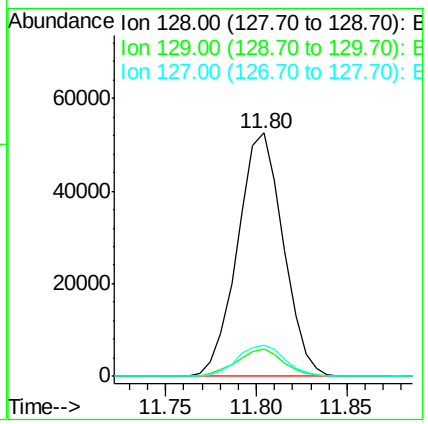




#3
Naphthalene
Concen: 2.78 ng/ul
RT: 11.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:128 Resp: 92075

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.9	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
D9DD0

Manual Integrations APPROVED
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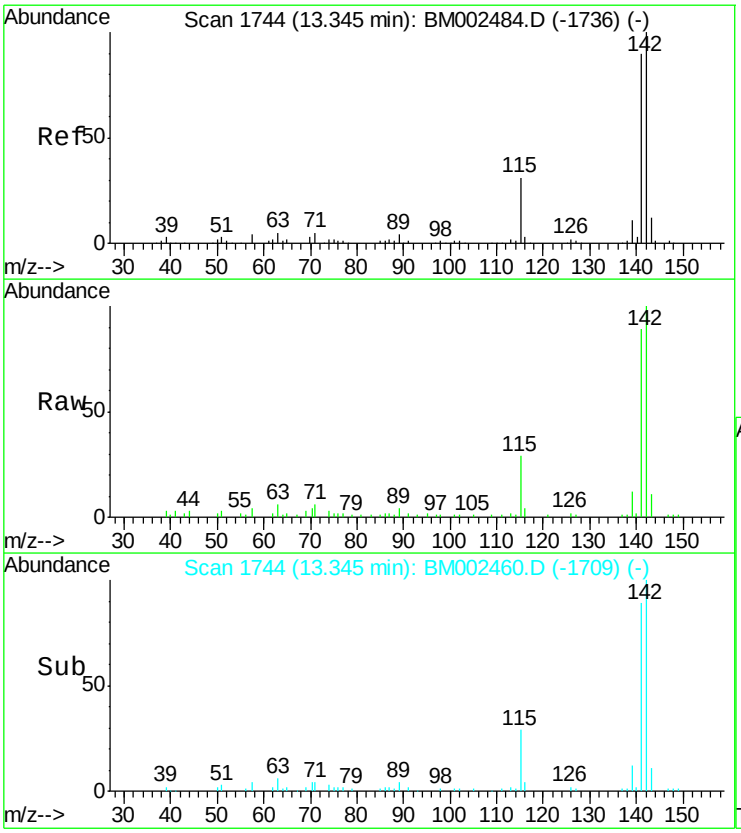
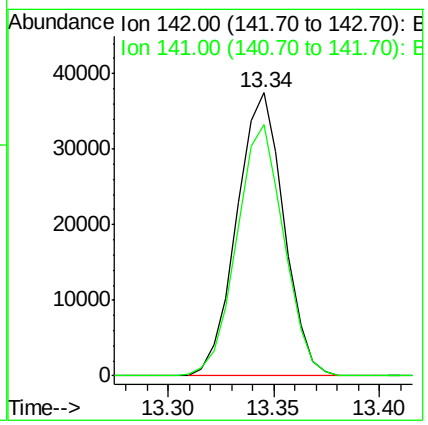
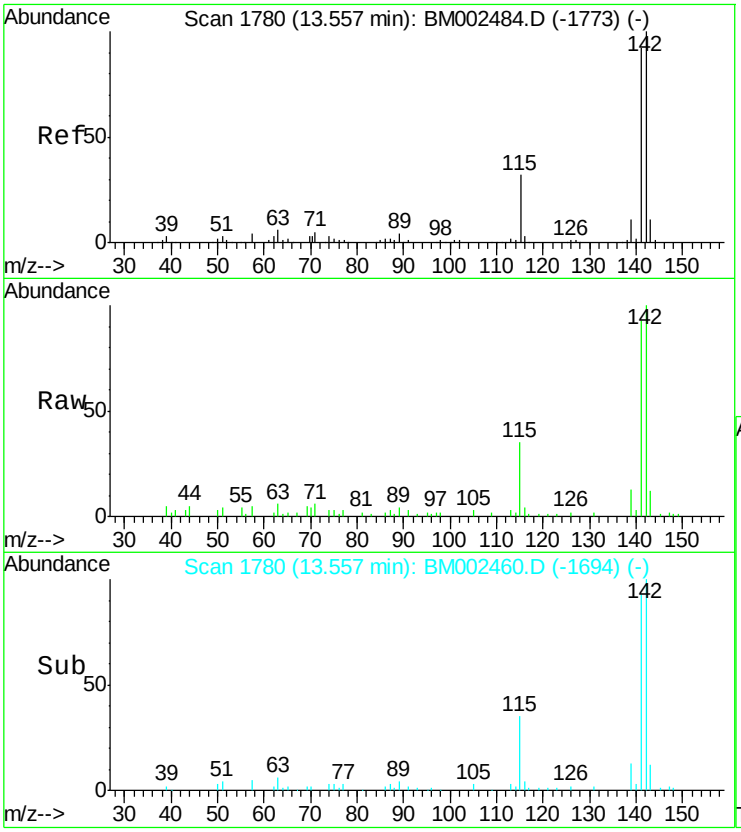


#4
2-Methylnaphthalene
Concen: 2.34 ng/ul
RT: 13.34 min Scan# 1744
Delta R.T. 0.01 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:142 Resp: 57880

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.2	108.2

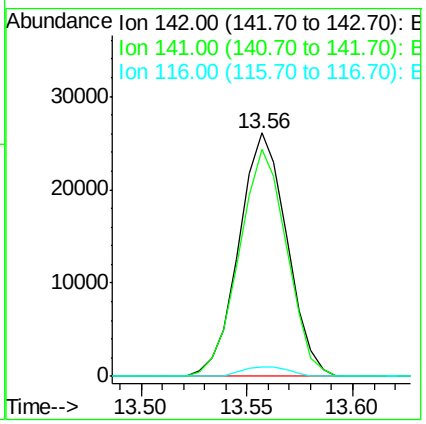




#5
1-Methylnaphthalene
Concen: 1.68 ng/ul
RT: 13.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:142 Resp: 41227

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.9	110.9
116	3.8	3.0	4.4



Instrument :
BNA_M
ClientSampleId :
D9DD0

Manual Integrations APPROVED
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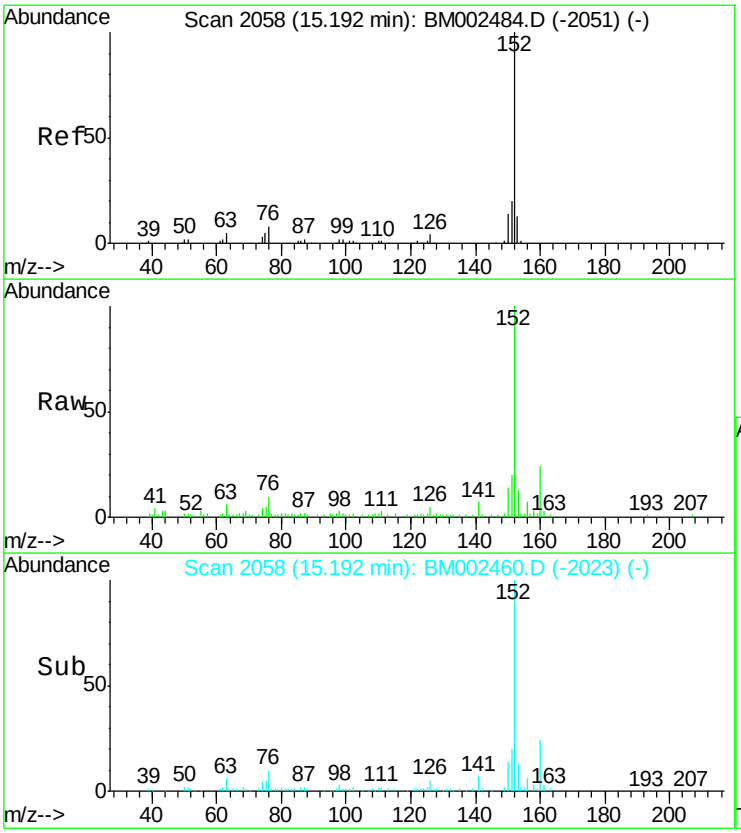
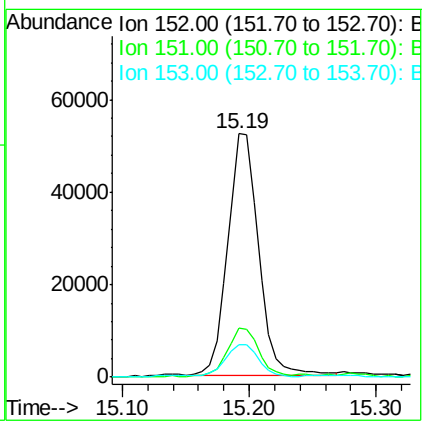
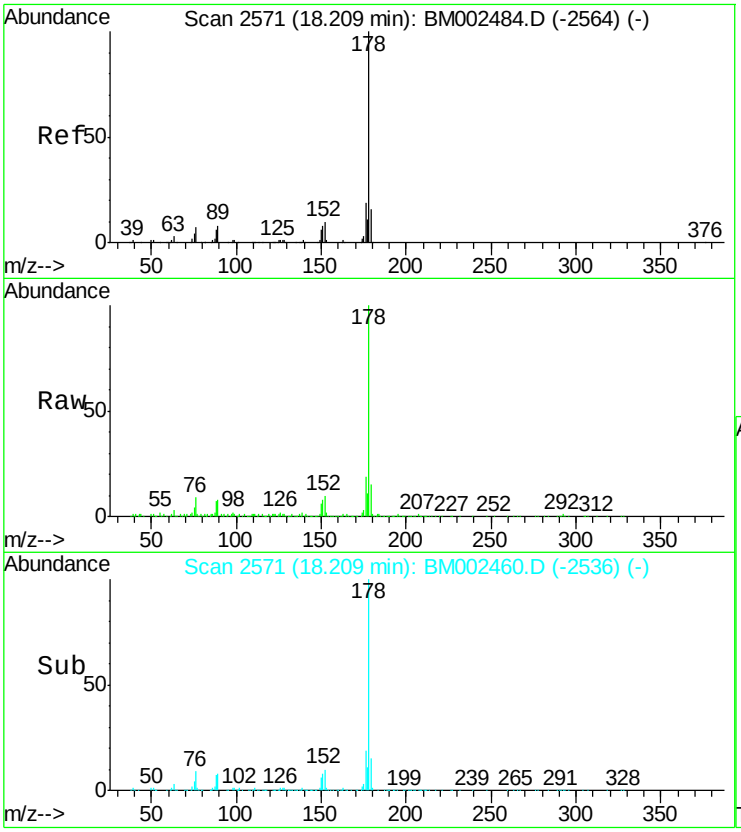


#8
Acenaphthylene
Concen: 2.48 ng/ul
RT: 15.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:152 Resp: 87325

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.1	10.2	15.4

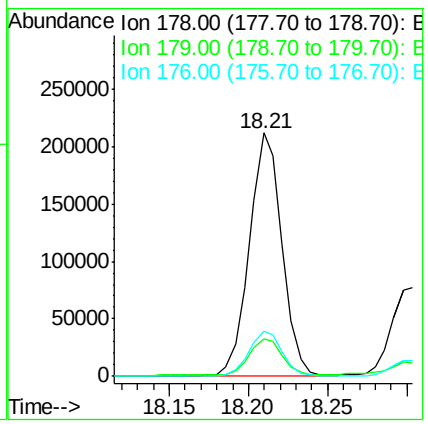




#13
Phenanthrene
Concen: 8.69 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. 0.01 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:178 Resp: 300235

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.7	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9DD0

Manual Integrations APPROVED
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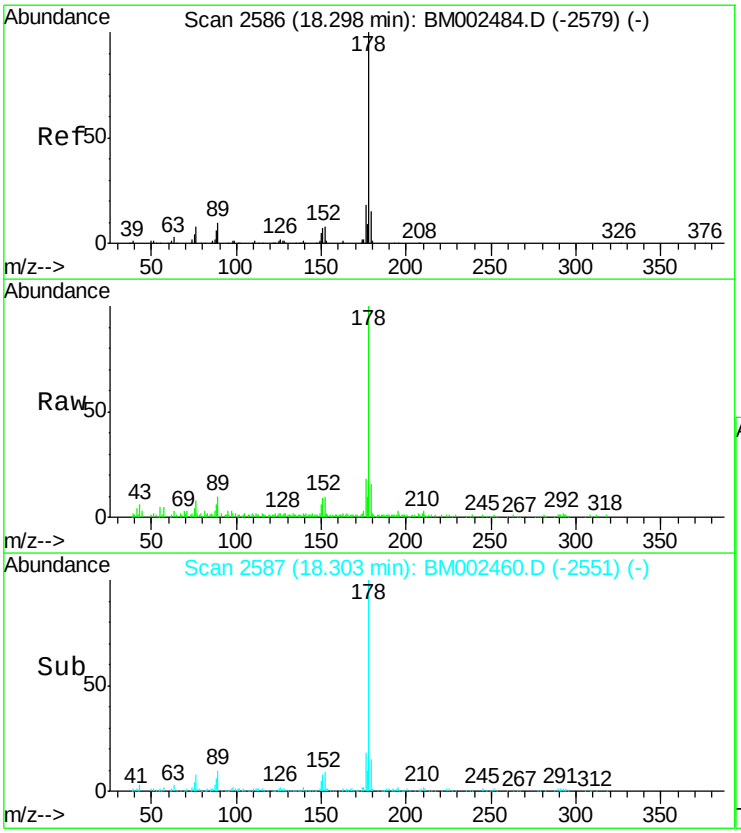
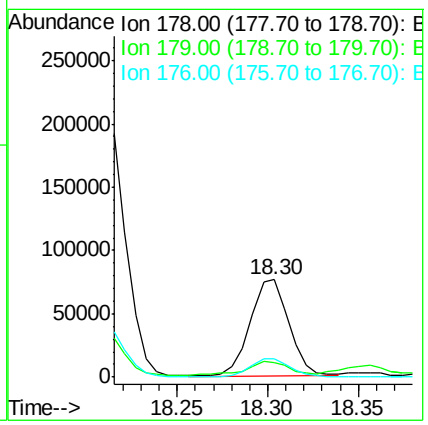
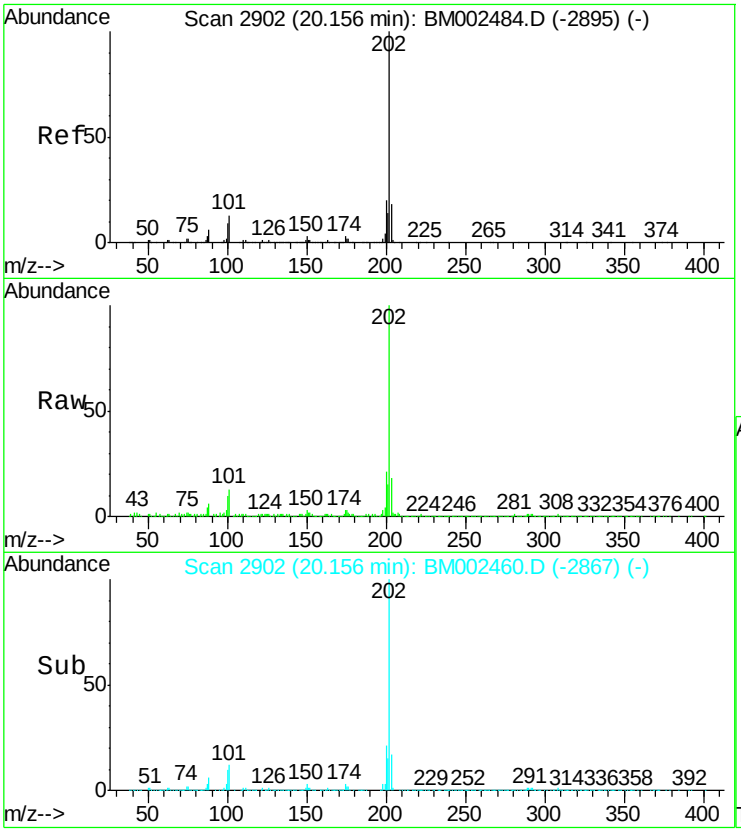


#15
Anthracene
Concen: 3.26 ng/ul
RT: 18.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:178 Resp: 114209

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.4	14.5	21.7

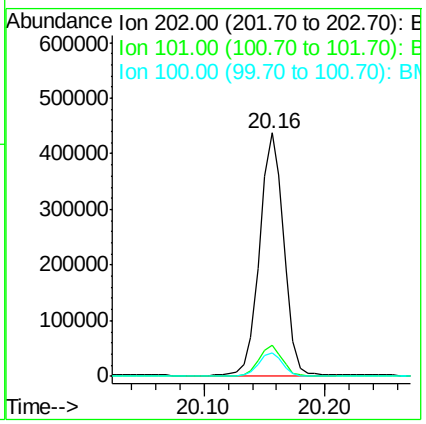




#16
Fluoranthene
Concen: 15.53 ng/ul
RT: 20.16 min Scan# 2902
Delta R.T. 0.01 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:202 Resp: 607744

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	9.8	7.4	11.2



Instrument :
BNA_M
ClientSampleId :
D9DD0

Manual Integrations APPROVED
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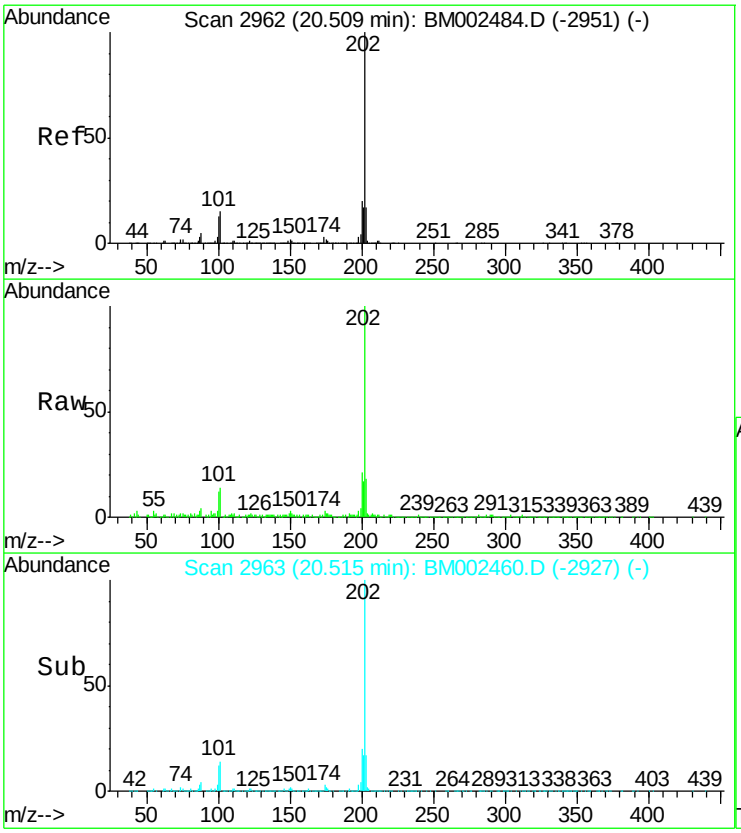
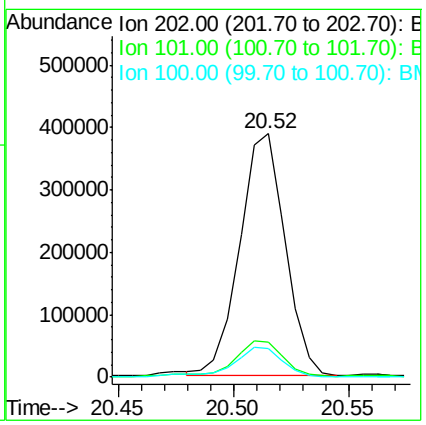
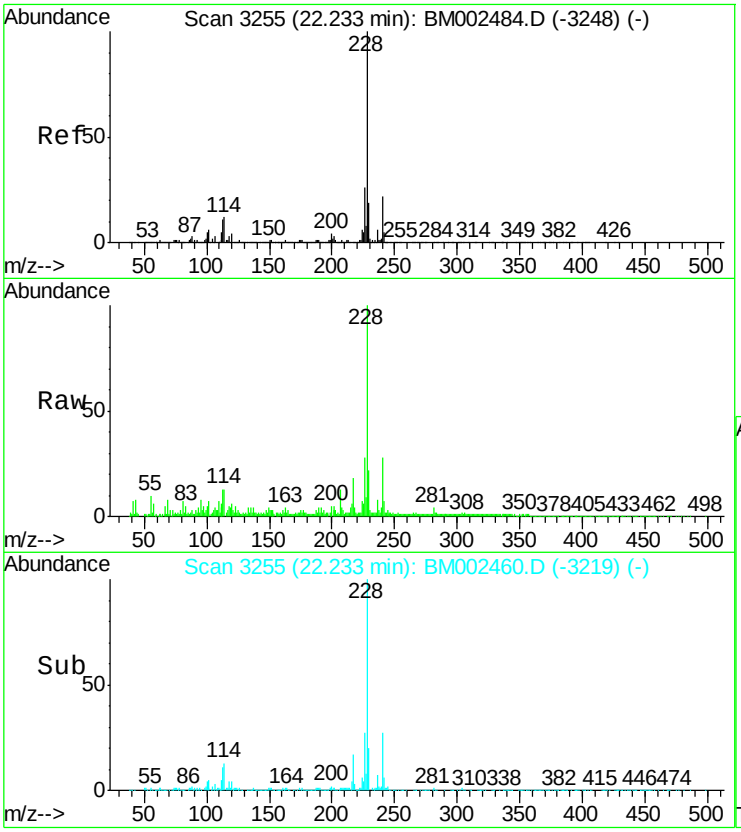


#19
Pyrene
Concen: 21.71 ng/ul
RT: 20.52 min Scan# 2963
Delta R.T. 0.01 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:202 Resp: 527528

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.0	18.0
100	11.6	9.7	14.5

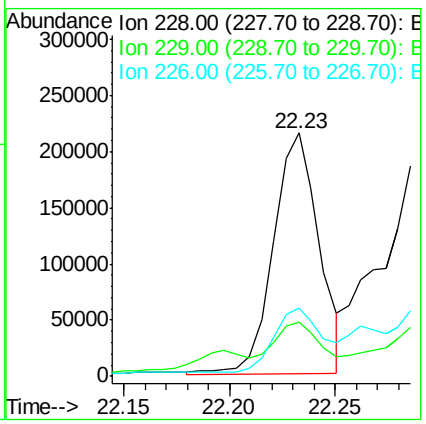




#20
Benzo(a)anthracene
Concen: 12.98 ng/ul
RT: 22.23 min Scan# 3255
Delta R.T. 0.01 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:228 Resp: 321784

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.6
226	28.2	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
D9DD0

Manual Integrations APPROVED
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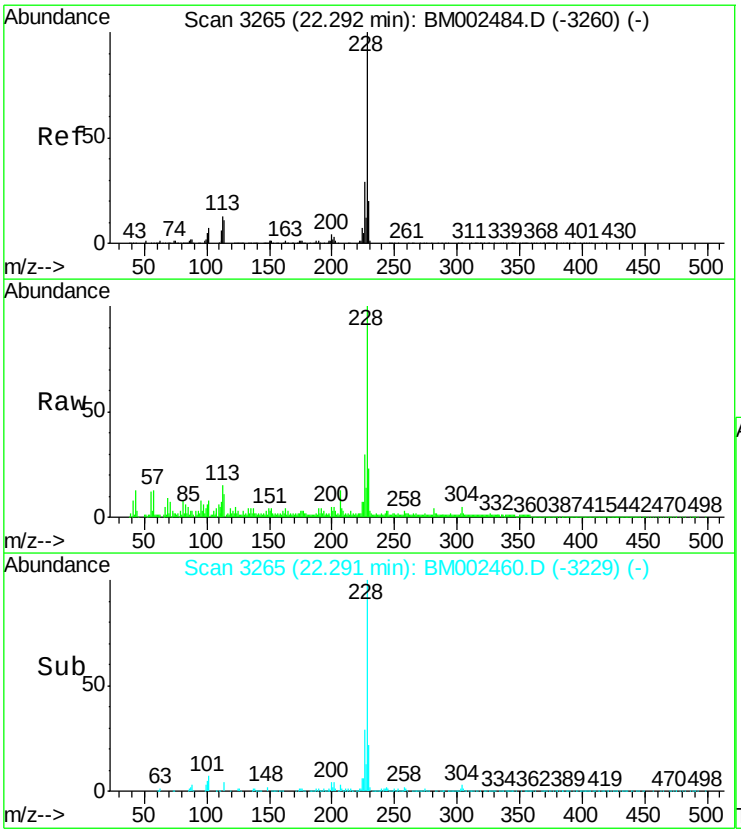
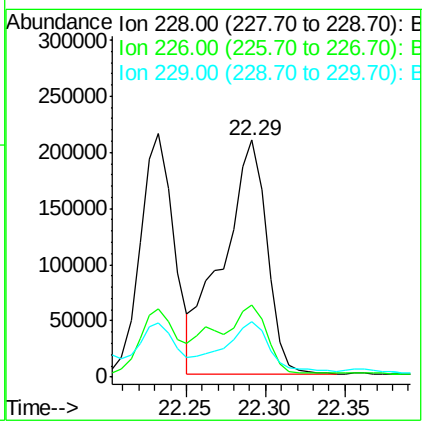
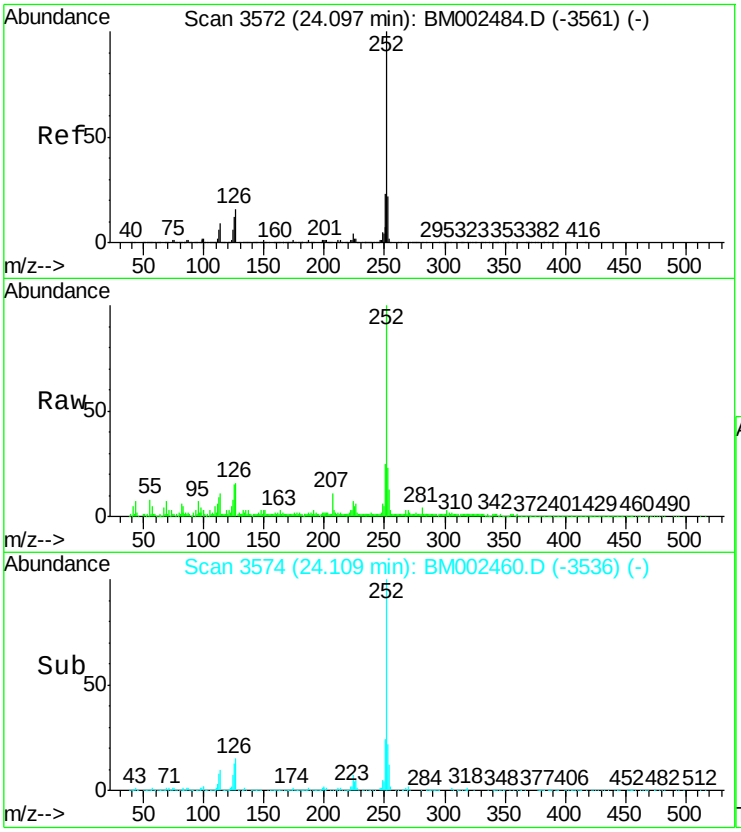


#21
Chrysene
Concen: 17.33 ng/ul
RT: 22.29 min Scan# 3265
Delta R.T. 0.01 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:228 Resp: 401983

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	23.5	15.7	23.5





#23
Benzo(b)fluoranthene
Concen: 37.27 ng/ul
RT: 24.11 min Scan# 3574
Delta R.T. 0.02 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:252 Resp: 923911

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	15.2	10.0	15.0#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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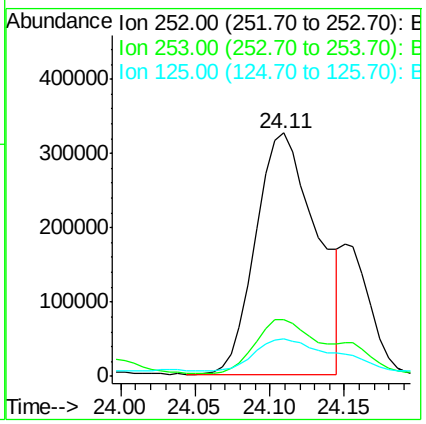
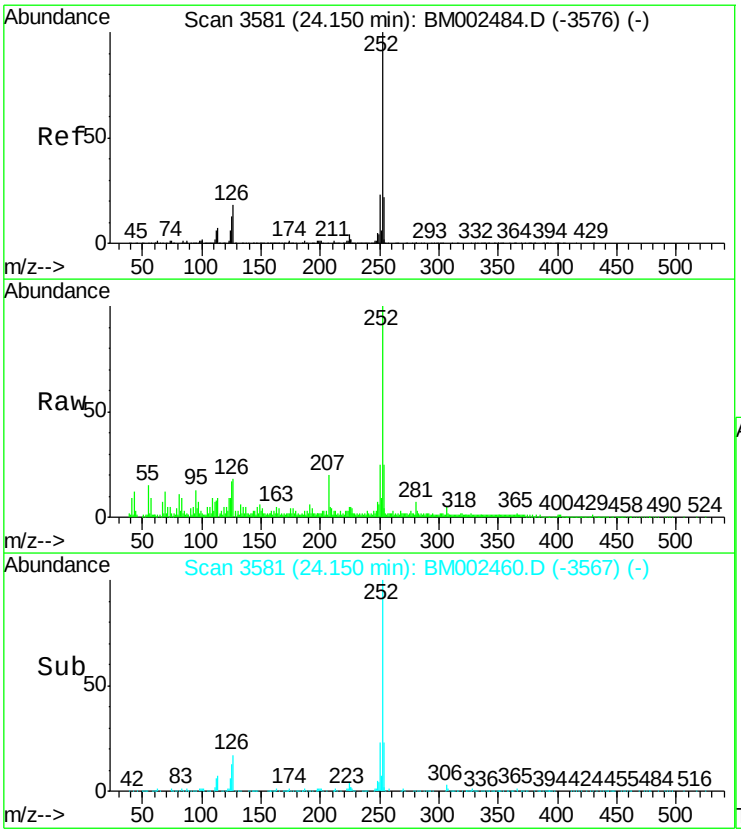
8/18/2015 5:18:39 PM

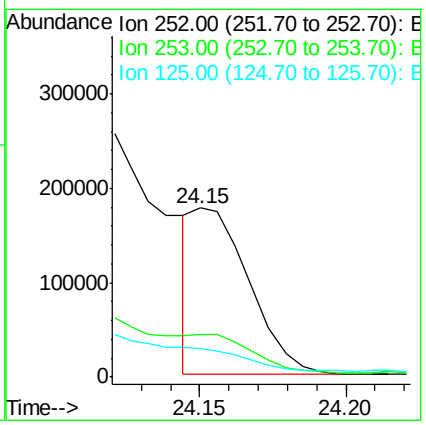


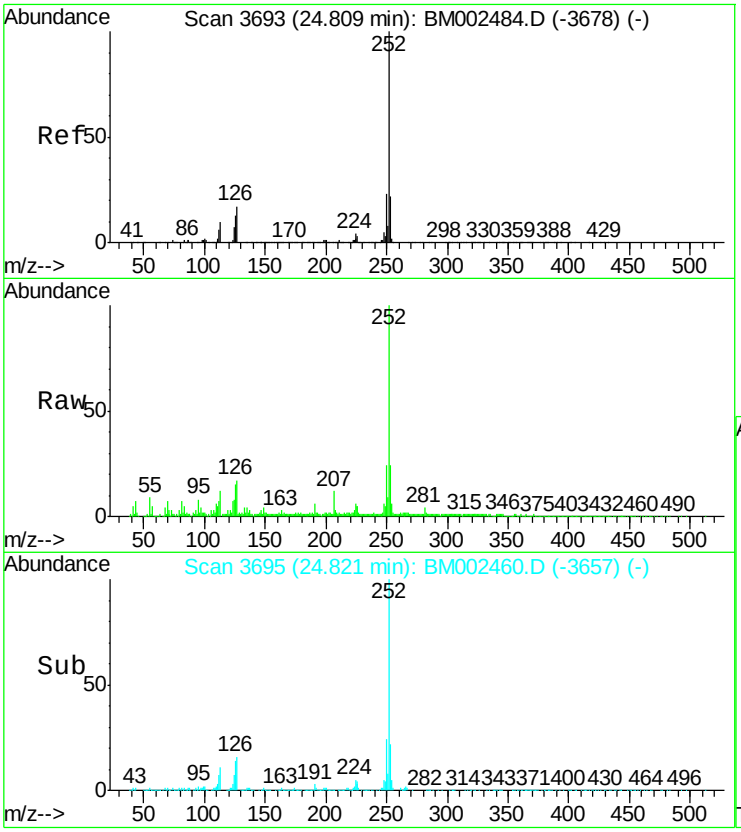


#24
Benzo(k)fluoranthene
Concen: 9.92 ng/ul m
RT: 24.15 min Scan# 3581
Delta R.T. 0.01 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:252 Resp: 233015

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	17.0	9.8	14.8#

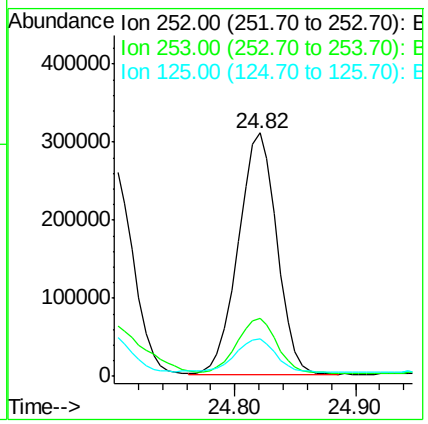




#26
Benzo(a)pyrene
Concen: 29.00 ng/ul
RT: 24.82 min Scan# 3695
Delta R.T. 0.02 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:252 Resp: 686758

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	15.4	10.7	16.1



Instrument :
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Manual Integrations APPROVED
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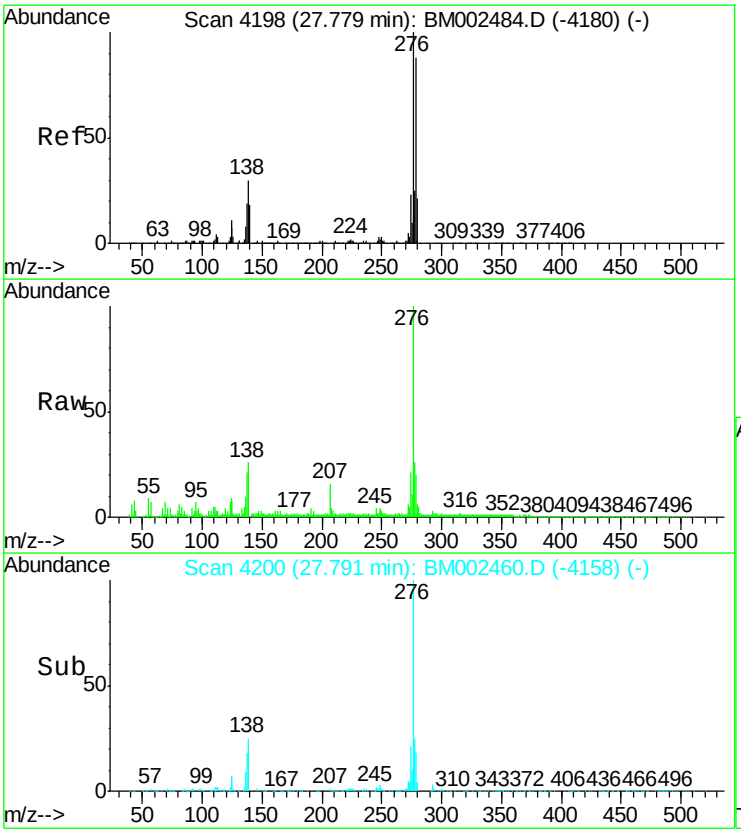
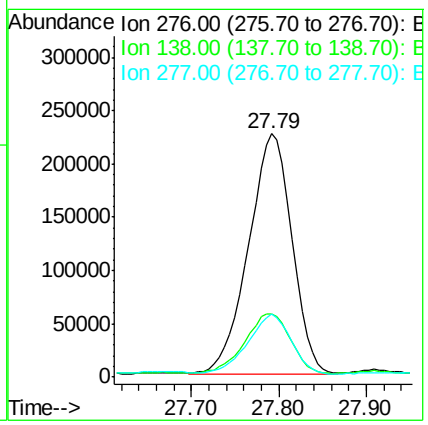
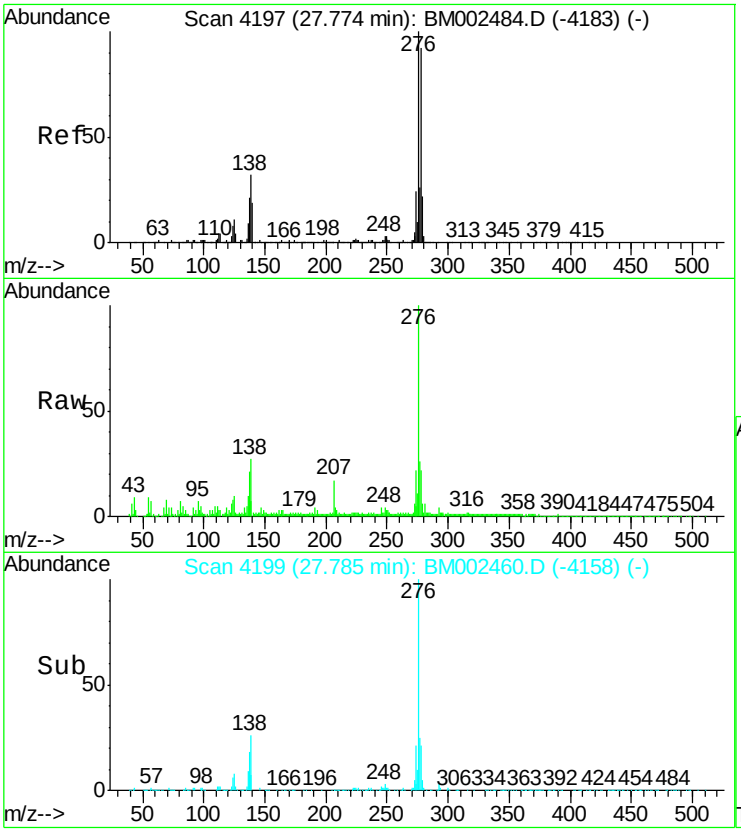


#27
Indeno(1,2,3-cd)pyrene
Concen: 28.12 ng/ul
RT: 27.79 min Scan# 4200
Delta R.T. 0.05 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:276 Resp: 765754

Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.3	37.9
277	25.7	20.2	30.2





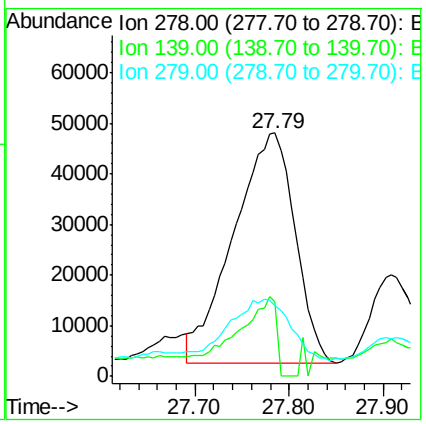
#28
Dibenzo(a,h)anthracene
Concen: 9.04 ng/ul
RT: 27.79 min Scan# 4199
Delta R.T. 0.04 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

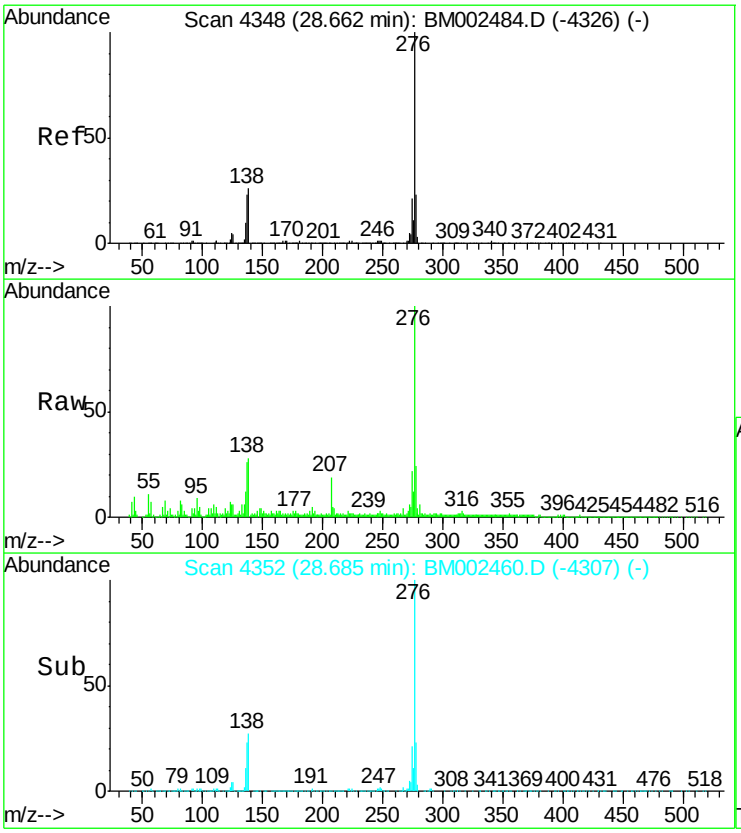
Tgt Ion:278 Resp: 205839

Ion	Ratio	Lower	Upper
278	100		
139	30.9	16.5	24.7#
279	28.8	18.8	28.2#

Instrument :
BNA_M
ClientSampleId :
D9DD0

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:18:39 PM





#29
Benzo(g,h,i)perylene
Concen: 32.28 ng/ul
RT: 28.69 min Scan# 4352
Delta R.T. 0.06 min
Lab File: BM002460.D
Acq: 17 Aug 2015 20:32

Tgt Ion:276 Resp: 731826

Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.0	31.6
277	24.5	19.2	28.8