Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040115\
Data File : BM000793.D
Acq On : 01 Apr 2015 20:33
Operator : TP/IZ
Sample : G1457-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

Manual Integrations APPROVED
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Quant Time: Apr 02 15:54:32 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 04:17:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	29919	5.00	ng	0.00
4) Naphthalene-d8	10.40	136	100393	5.00	ng	0.00
8) Acenaphthene-d10	14.28	164	51114	5.00	ng	0.00
13) Phenanthrene-d10	17.01	188	109283	5.00	ng	0.00
19) Chrysene-d12	21.22	240	97465	5.00	ng	0.01
25) Perylene-d12	23.40	264	89896	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.77	82	739292	117.24	ng	0.00
9) 2-Fluorobiphenyl	12.89	172	1785675	112.61	ng	0.00
21) Terphenyl-d14	19.66	244	1386714	118.24	ng	0.00
Target Compounds						Qvalue
6) Naphthalene	10.45	128	1600812	68.63	ng	99
10) Acenaphthylene	13.99	152	2857357	126.31	ng	99
11) Acenaphthene	14.33	154	1349925	86.16	ng	98
12) Fluorene	15.32	166	1732235	98.72	ng	98
16) Phenanthrene	17.05	178	2030479	67.82	ng	100
17) Anthracene	17.15	178	1136033m	45.28	ng	
18) Fluoranthene	19.09	202	3542760	119.77	ng	98
23) Chrysene	21.25	228	1717039	58.84	ng	95
26) Benzo(b)fluoranthene	22.74	252	834335	29.46	ng	96
27) Benzo(k)fluoranthene	22.80	252	2193375	80.74	ng	100
28) Benzo(a)pyrene	23.32	252	3243442	133.41	ng	96
29) Dibenzo(a,h)anthracene	25.61	278	1349416	56.22	ng	99
30) Benzo(g,h,i)perylene	26.27	276	1039804	40.14	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040115\
Data File : BM000793.D
Acq On : 01 Apr 2015 20:33
Operator : TP/IZ
Sample : G1457-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 02 15:54:32 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 04:17:30 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

Manual Integrations APPROVED
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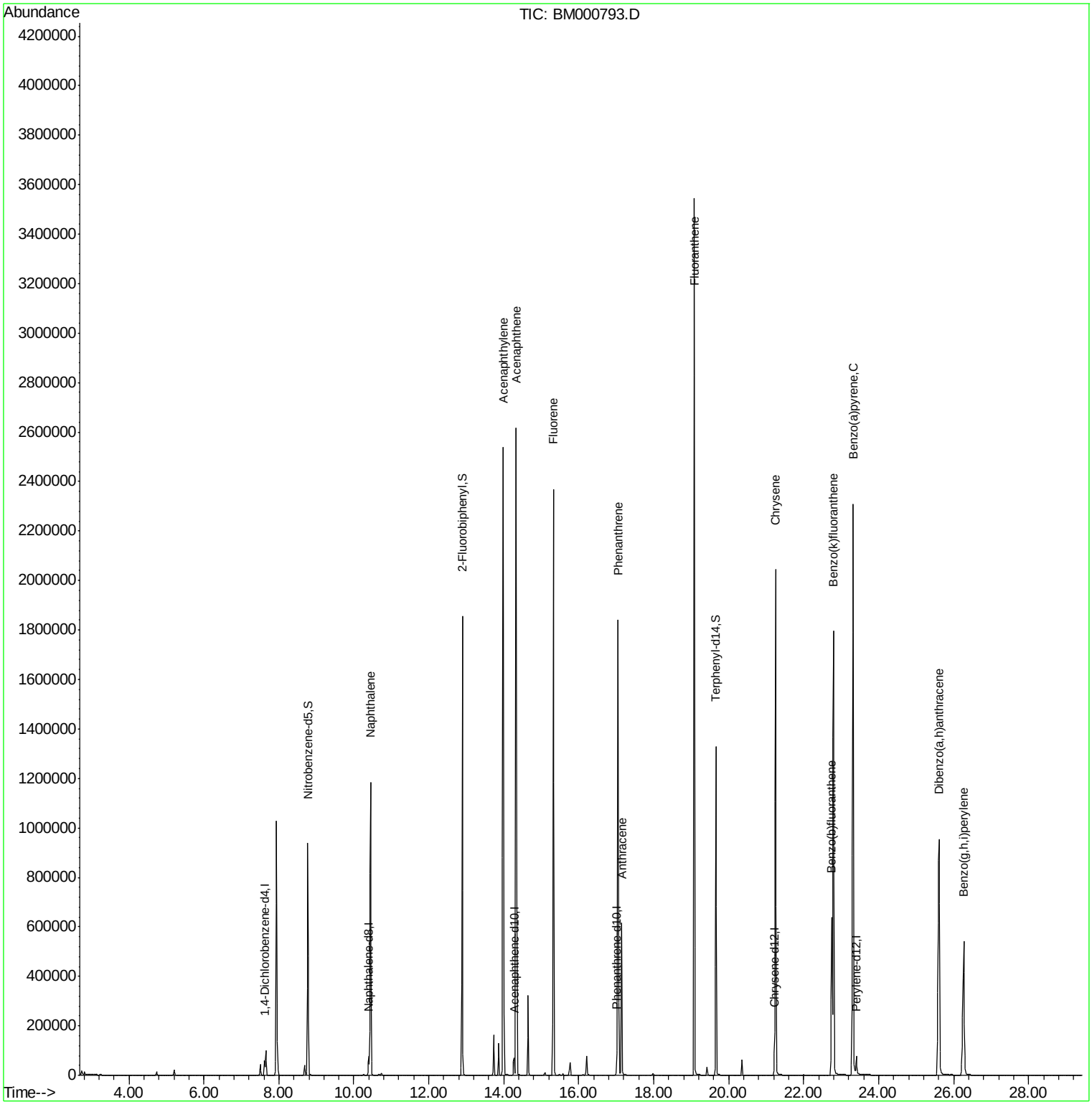
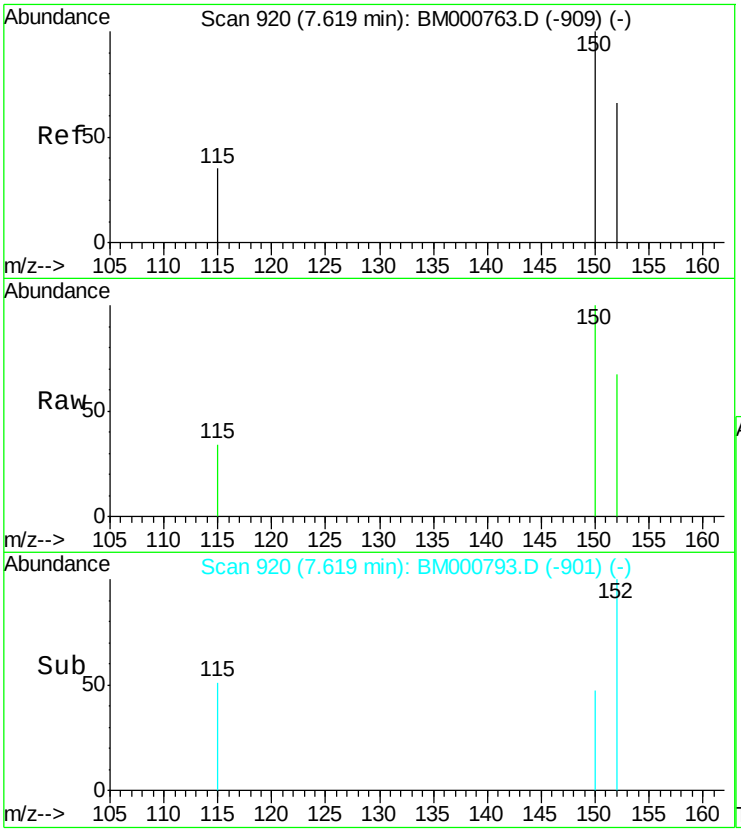
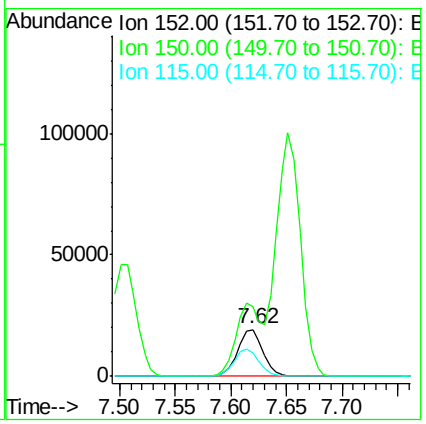




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 920
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:152 Resp: 29919

Ion	Ratio	Lower	Upper
152	100		
150	150.2	120.8	181.2
115	51.1	42.7	64.1



Instrument :
BNA_M
ClientSampleId :
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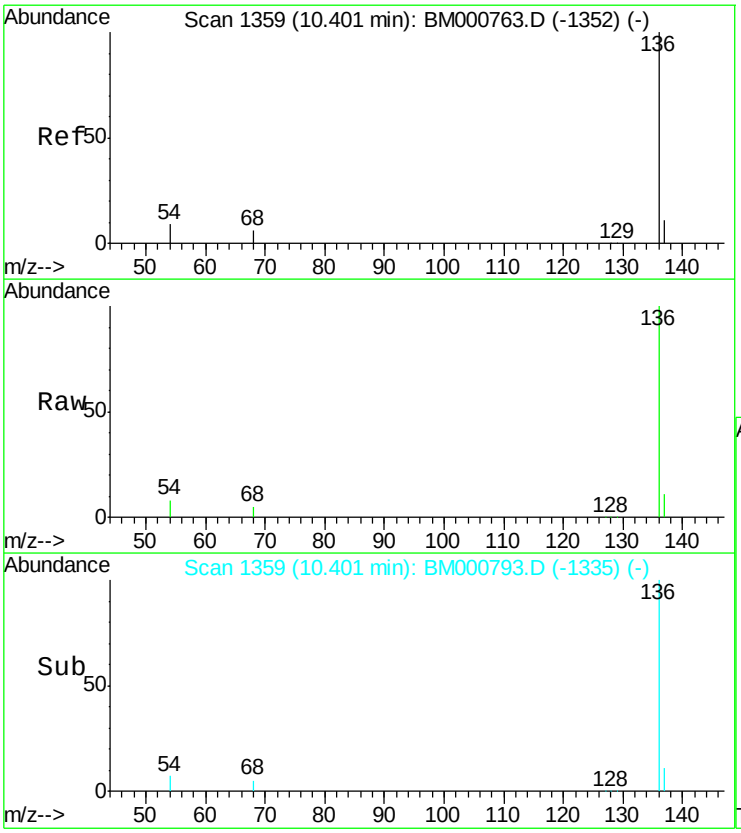
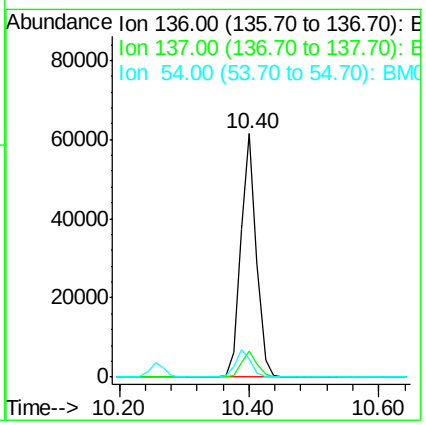
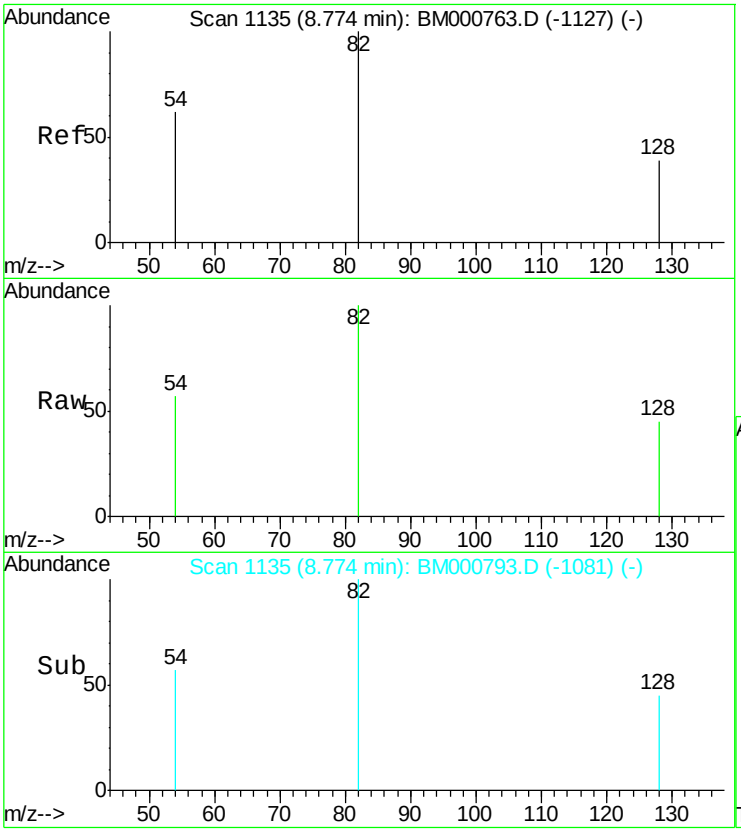


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.40 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:136 Resp: 100393

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.6	7.0	10.6

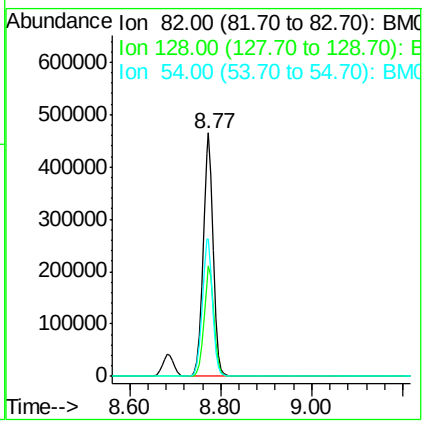




#5
Nitrobenzene-d5
Concen: 117.24 ng
RT: 8.77 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion: 82 Resp: 739292

Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.2	48.2
54	56.5	50.2	75.4



Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

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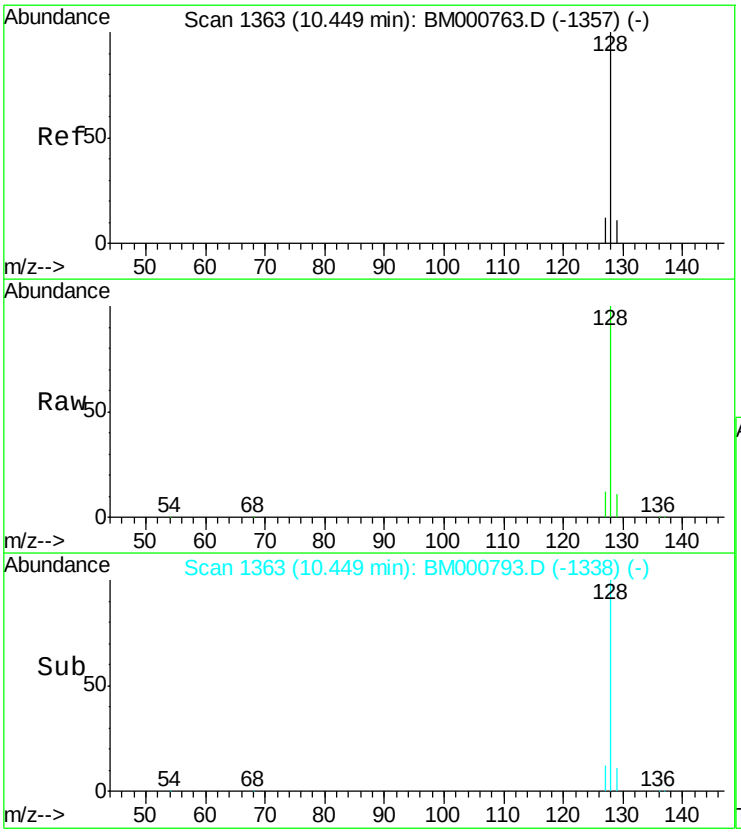
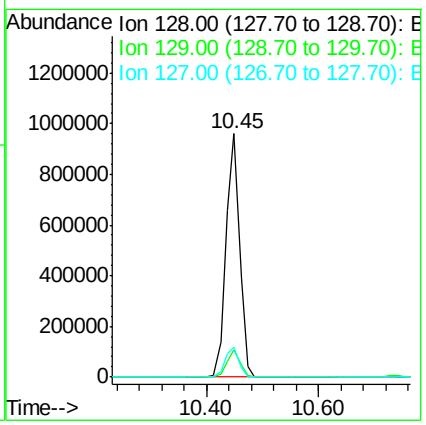
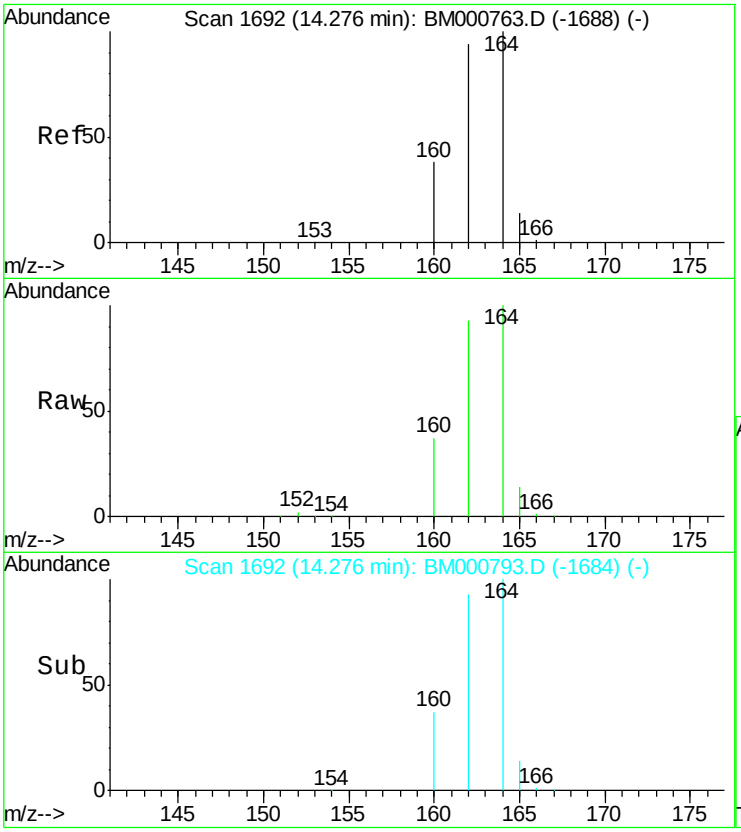


#6
Naphthalene
Concen: 68.63 ng
RT: 10.45 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:128 Resp: 1600812

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.1	10.0	15.0

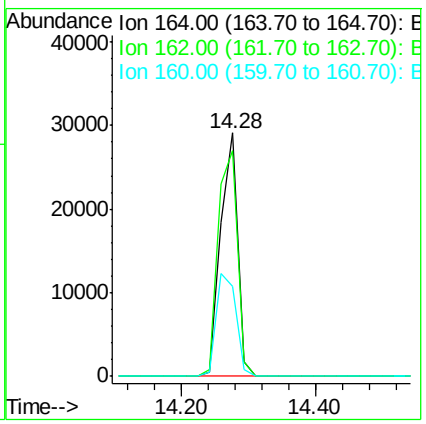




#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:164 Resp: 51114

Ion	Ratio	Lower	Upper
164	100		
162	92.9	75.4	113.2
160	37.1	30.8	46.2



Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

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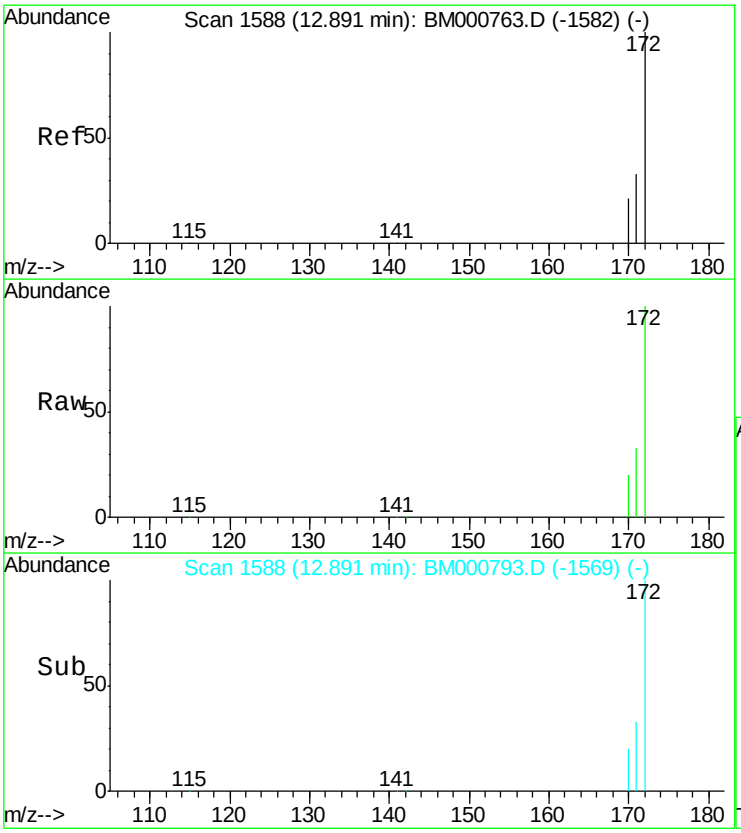
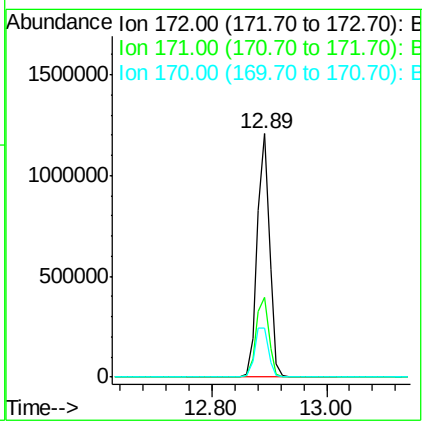
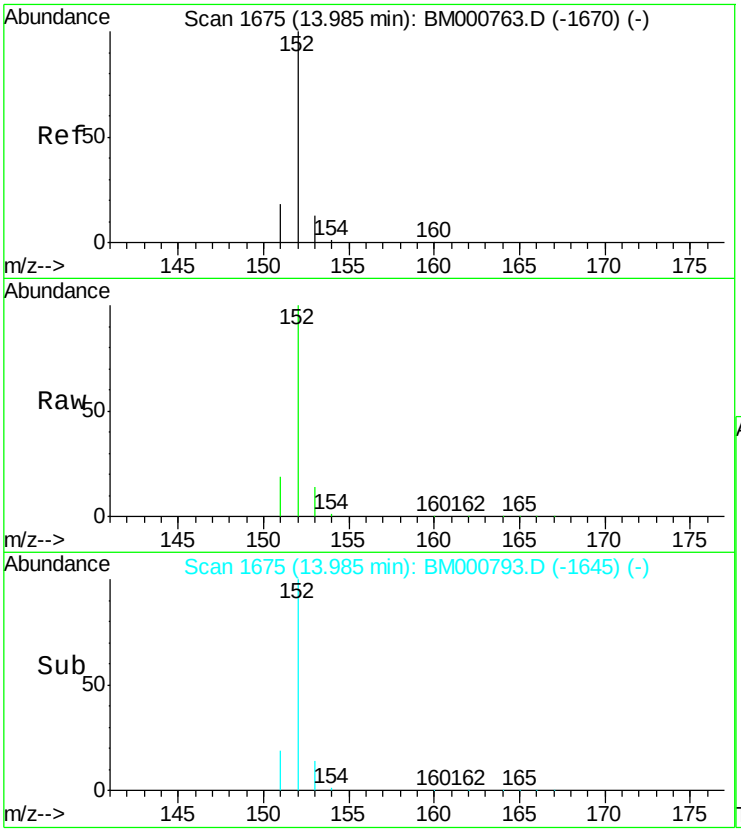


#9
2-Fluorobiphenyl
Concen: 112.61 ng
RT: 12.89 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:172 Resp: 1785675

Ion	Ratio	Lower	Upper
172	100		
171	32.8	26.6	39.8
170	20.4	17.1	25.7

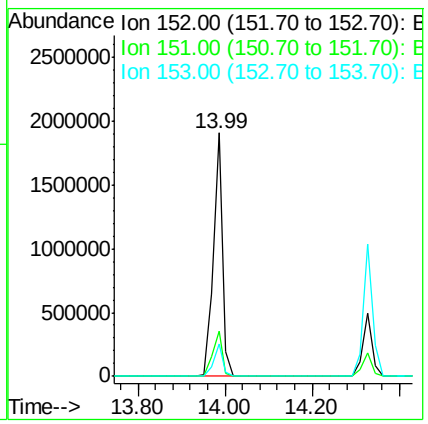




#10
Acenaphthylene
Concen: 126.31 ng
RT: 13.99 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:152 Resp: 2857357

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.1	22.7
153	13.2	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

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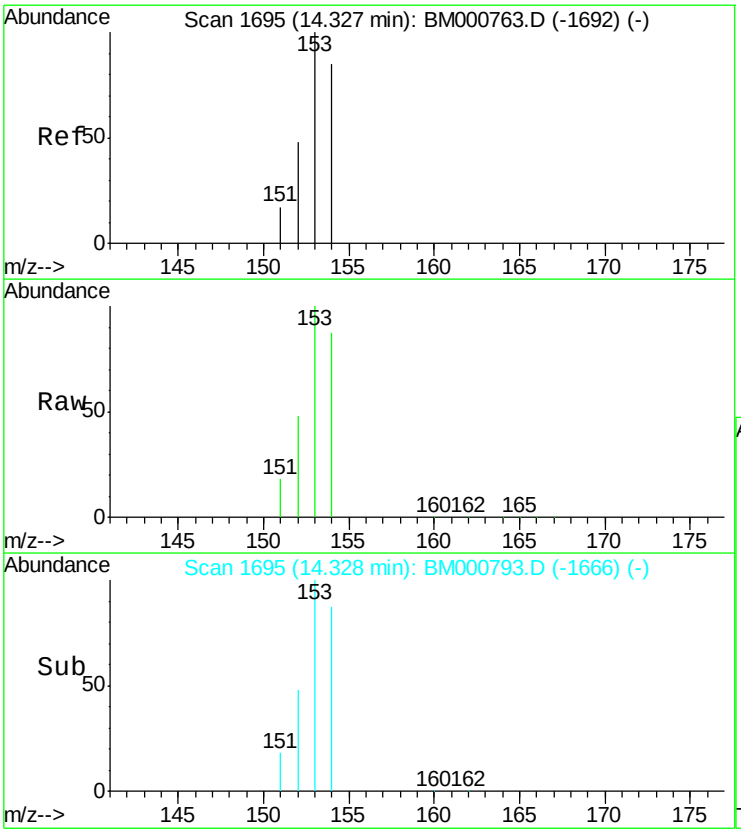
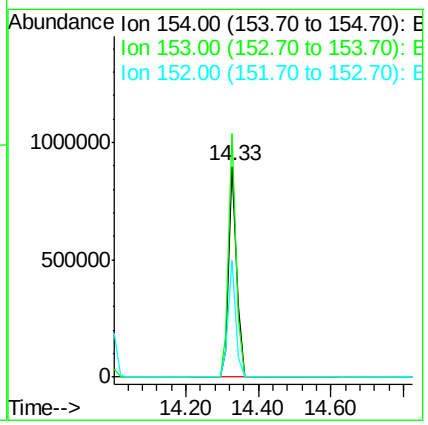
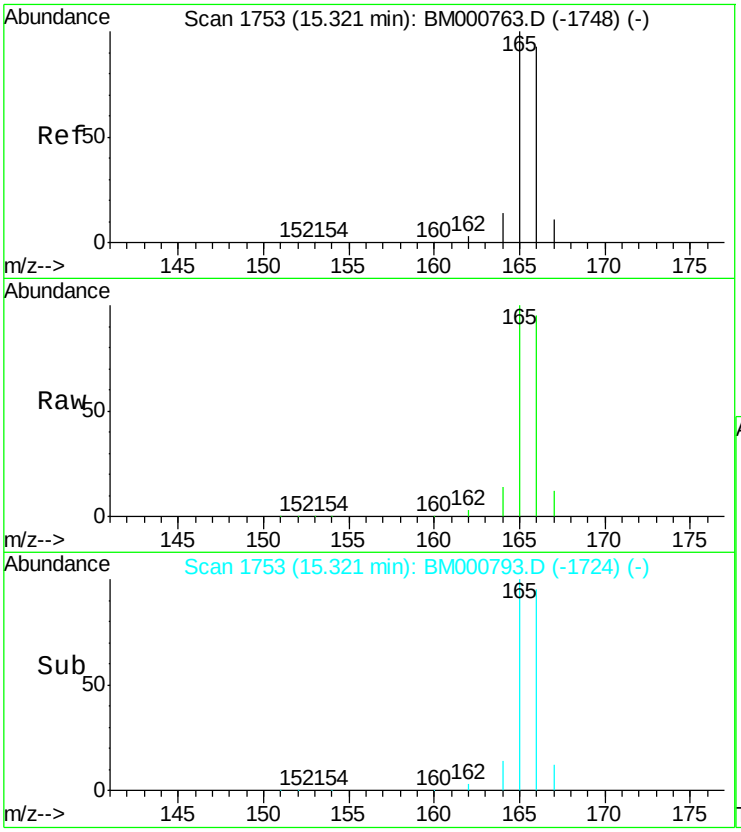


#11
Acenaphthene
Concen: 86.16 ng
RT: 14.33 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:154 Resp: 1349925

Ion	Ratio	Lower	Upper
154	100		
153	111.3	87.3	130.9
152	53.5	43.0	64.6

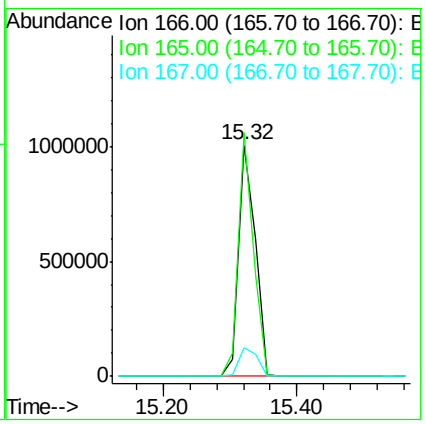




#12
Fluorene
Concen: 98.72 ng
RT: 15.32 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:166 Resp: 1732235

Ion	Ratio	Lower	Upper
166	100		
165	95.8	78.2	117.2
167	13.4	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

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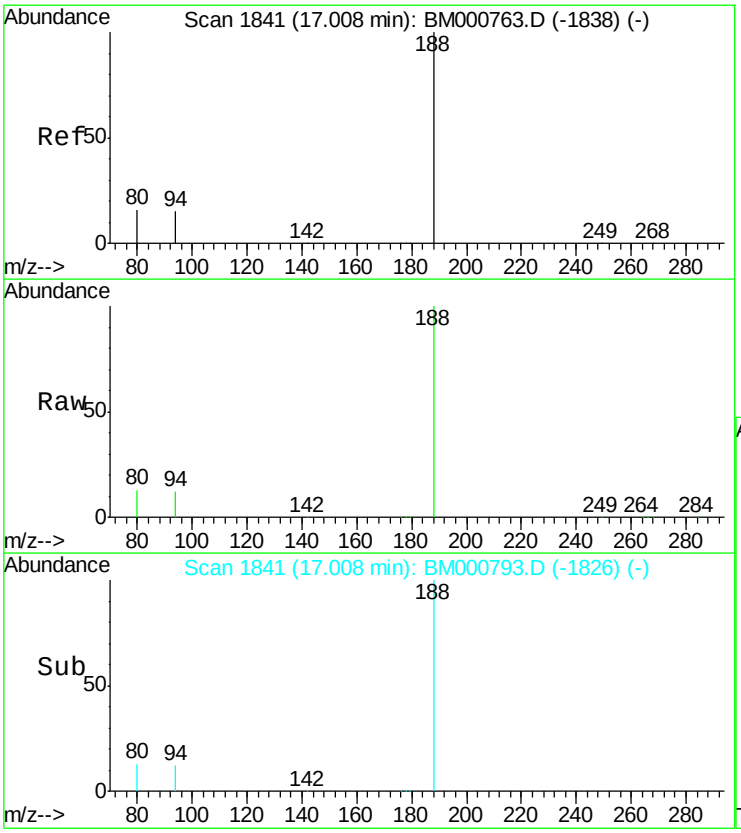
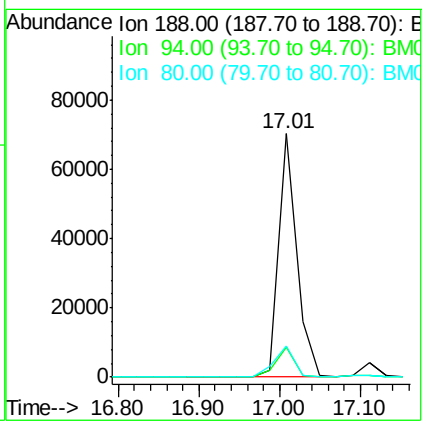
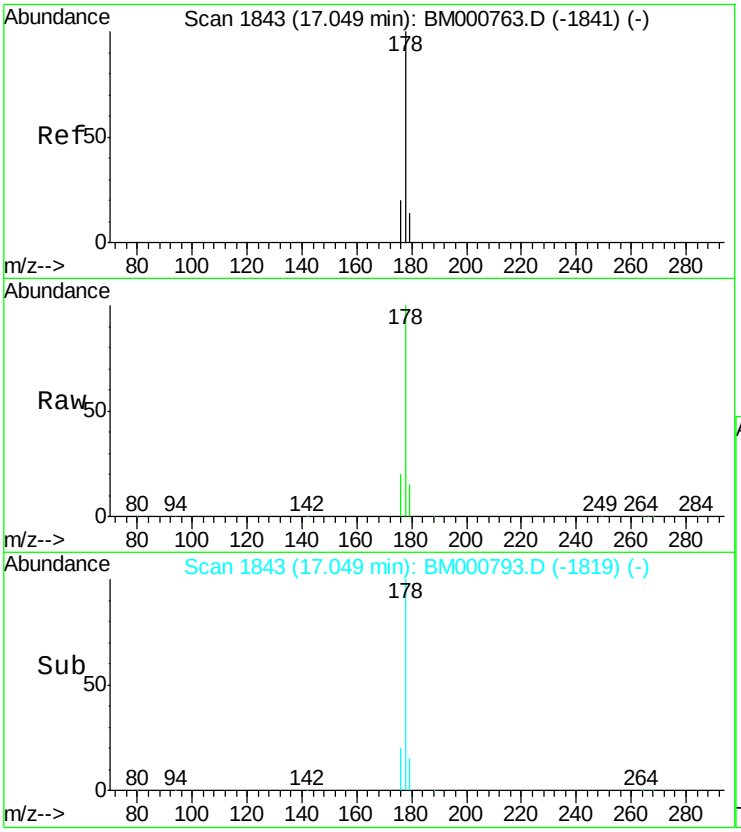


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:188 Resp: 109283

Ion	Ratio	Lower	Upper
188	100		
94	12.4	12.0	18.0
80	13.0	12.8	19.2

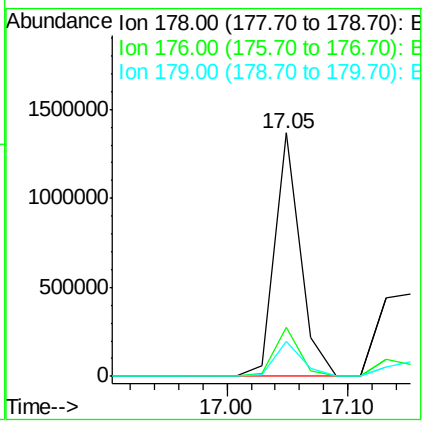




#16
Phenanthrene
Concen: 67.82 ng
RT: 17.05 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:178 Resp: 2030479

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.2	18.2



Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

Manual Integrations APPROVED
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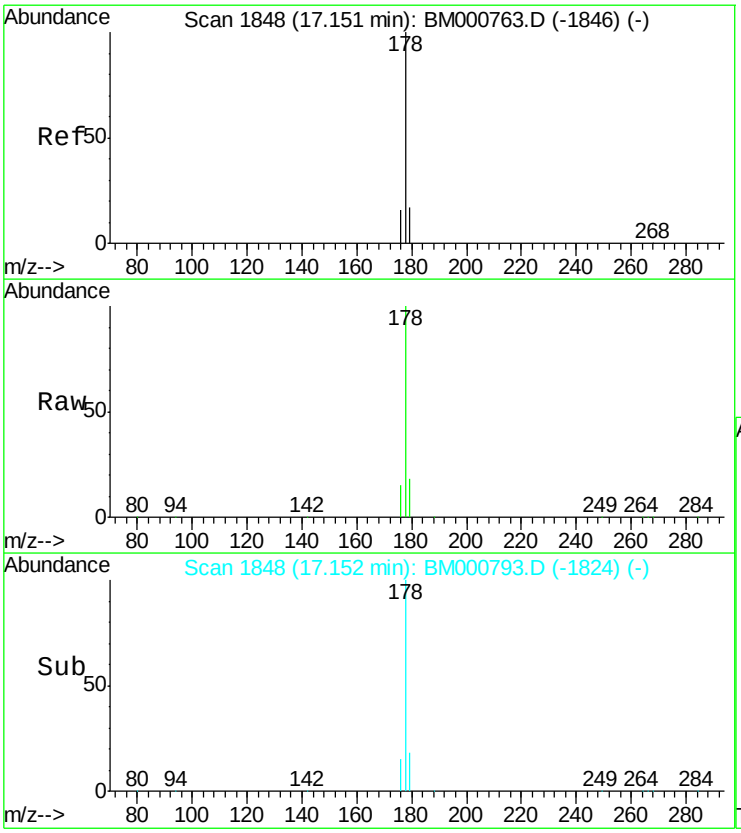
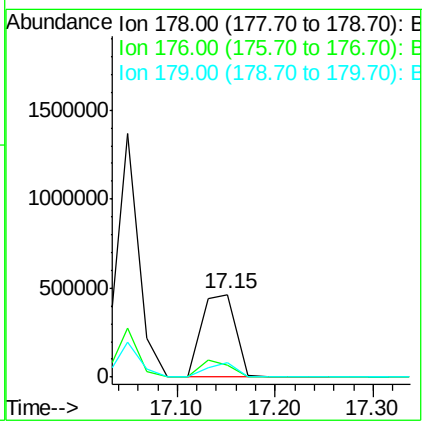
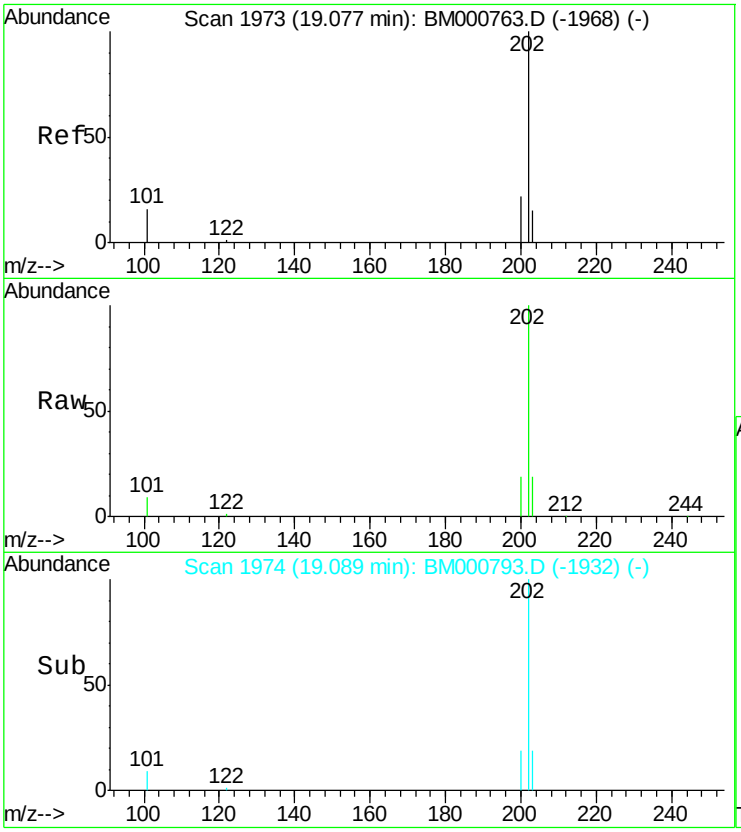


#17
Anthracene
Concen: 45.28 ng m
RT: 17.15 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:178 Resp: 1136033

Ion	Ratio	Lower	Upper
178	100		
176	34.4	14.6	22.0#
179	27.2	12.2	18.4#

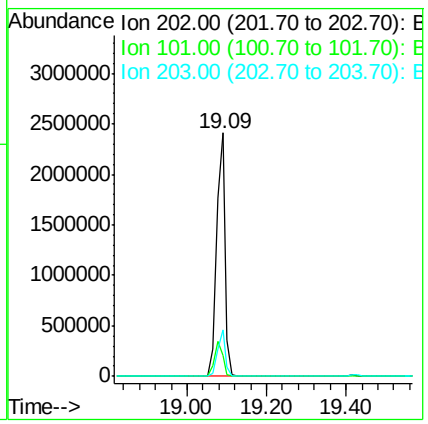




#18
Fluoranthene
Concen: 119.77 ng
RT: 19.09 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:202 Resp: 3542760

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.5	15.7
203	17.8	13.8	20.8



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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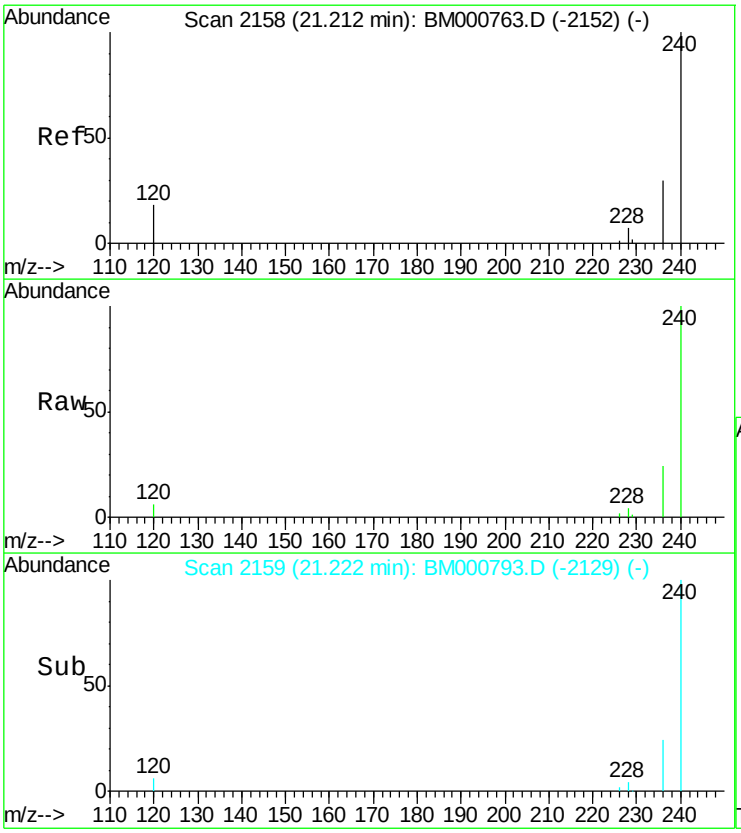
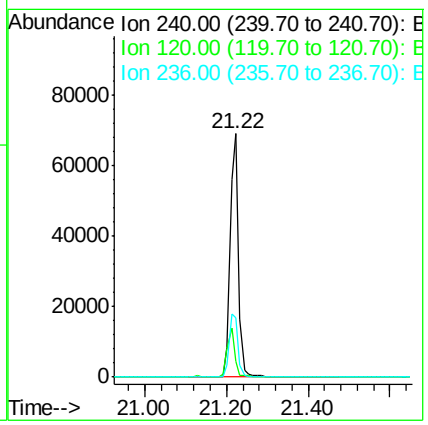
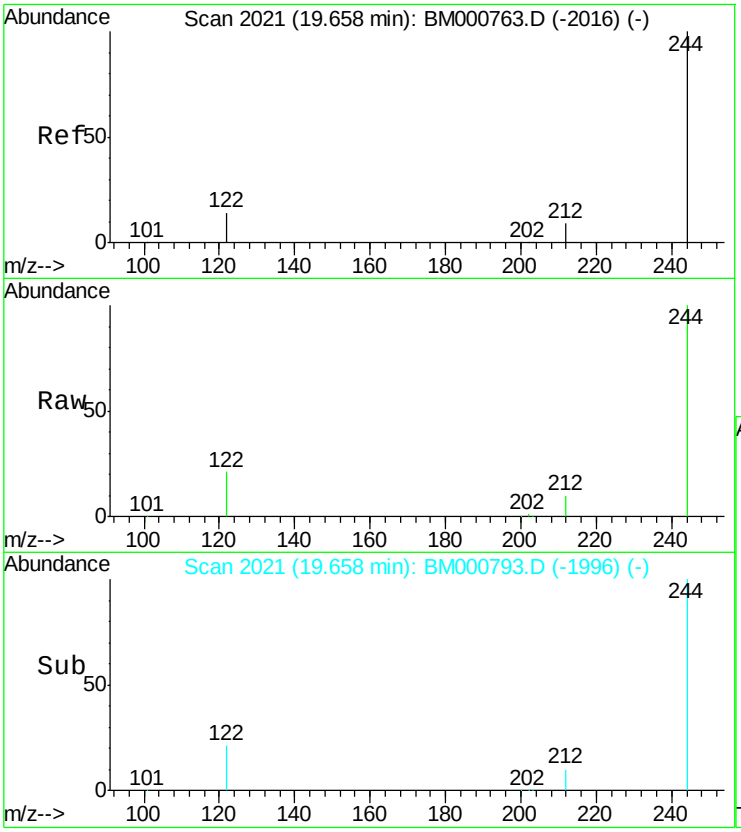


#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.22 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:240 Resp: 97465

Ion	Ratio	Lower	Upper
240	100		
120	6.4	14.9	22.3#
236	24.3	24.2	36.4

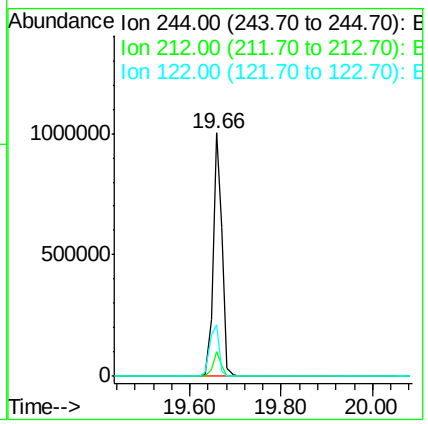




#21
Terphenyl-d14
Concen: 118.24 ng
RT: 19.66 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:244 Resp: 1386714

Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.8	11.6
122	21.4	11.8	17.8#



Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

Manual Integrations APPROVED
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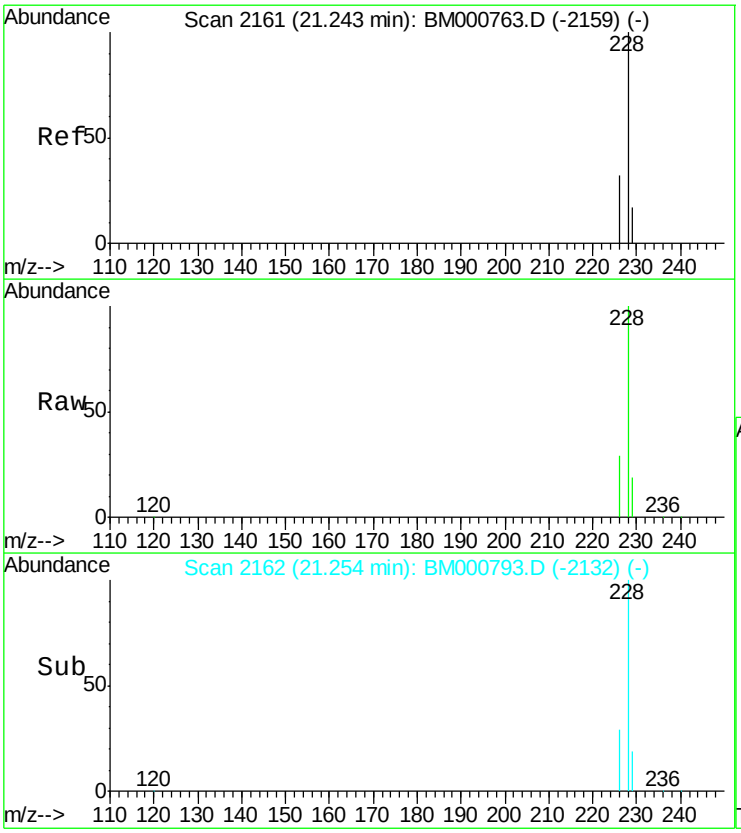
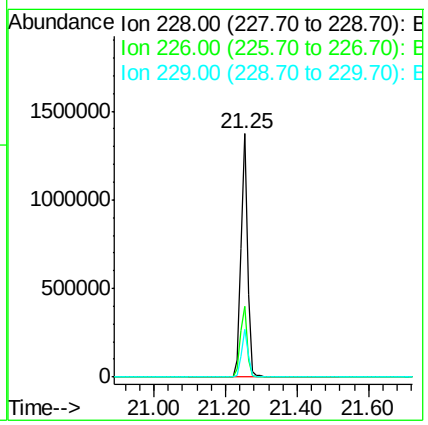
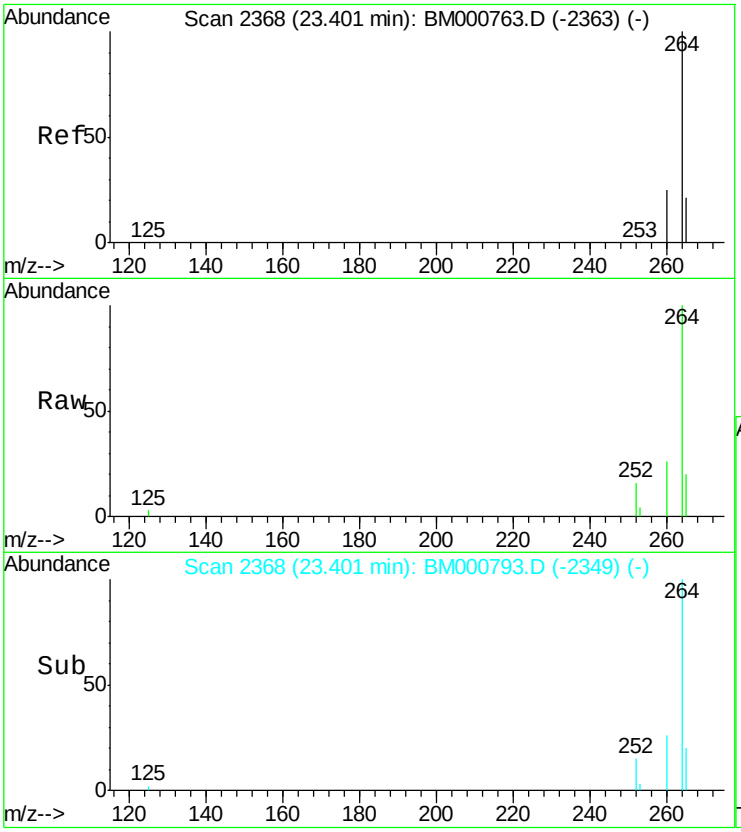


#23
Chrysene
Concen: 58.84 ng
RT: 21.25 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:228 Resp: 1717039

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.8	38.8
229	19.5	13.8	20.6

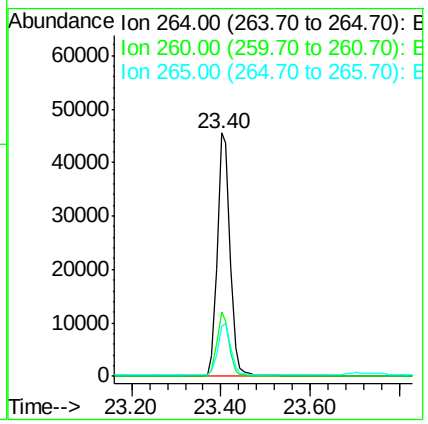




#25
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:264 Resp: 89896

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.1	30.1
265	20.5	17.4	26.0



Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

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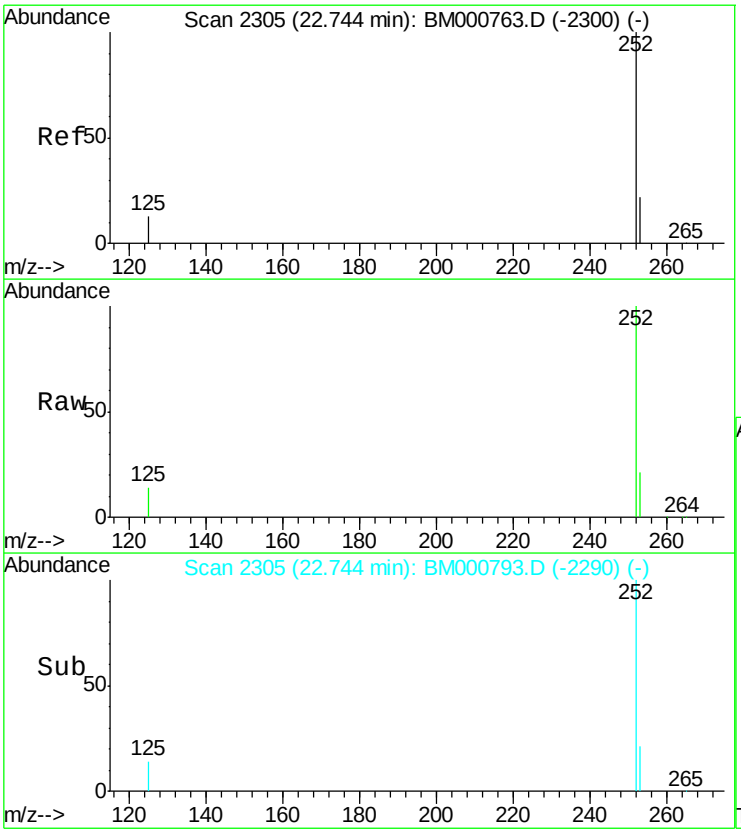
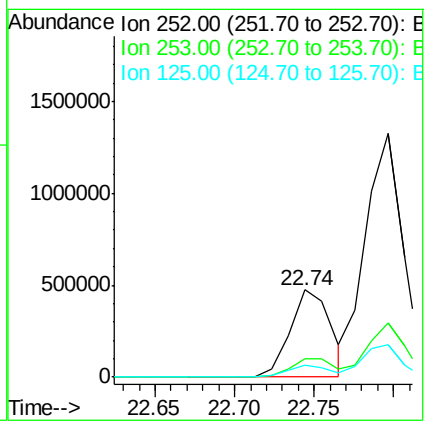
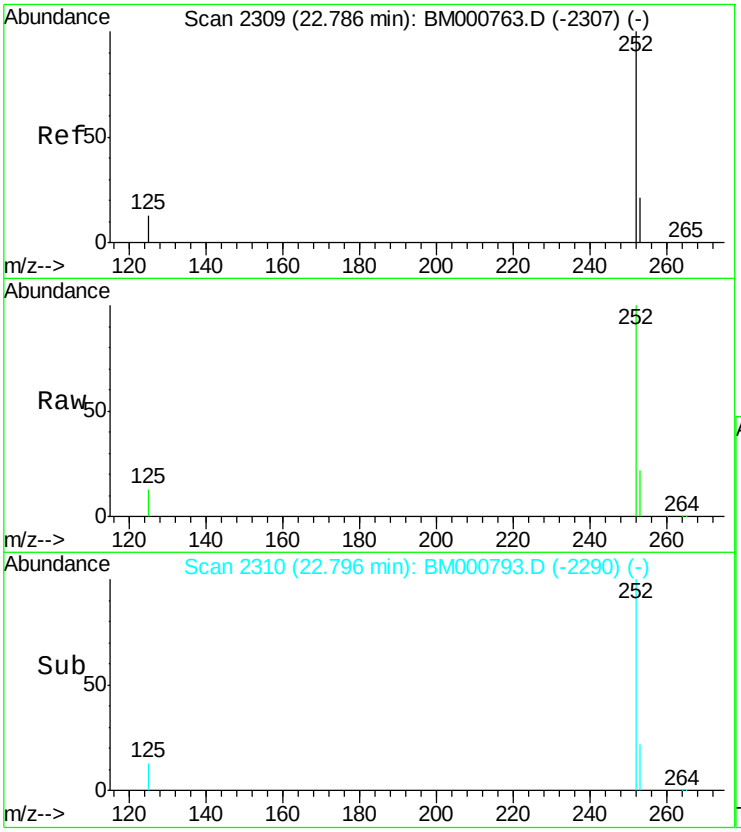


#26
Benzo(b)fluoranthene
Concen: 29.46 ng
RT: 22.74 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:252 Resp: 834335

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.5	27.7
125	14.1	10.6	16.0

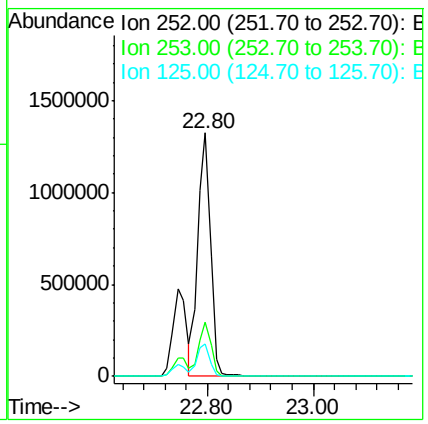




#27
Benzo(k)fluoranthene
Concen: 80.74 ng
RT: 22.80 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:252 Resp: 2193375

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.5	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

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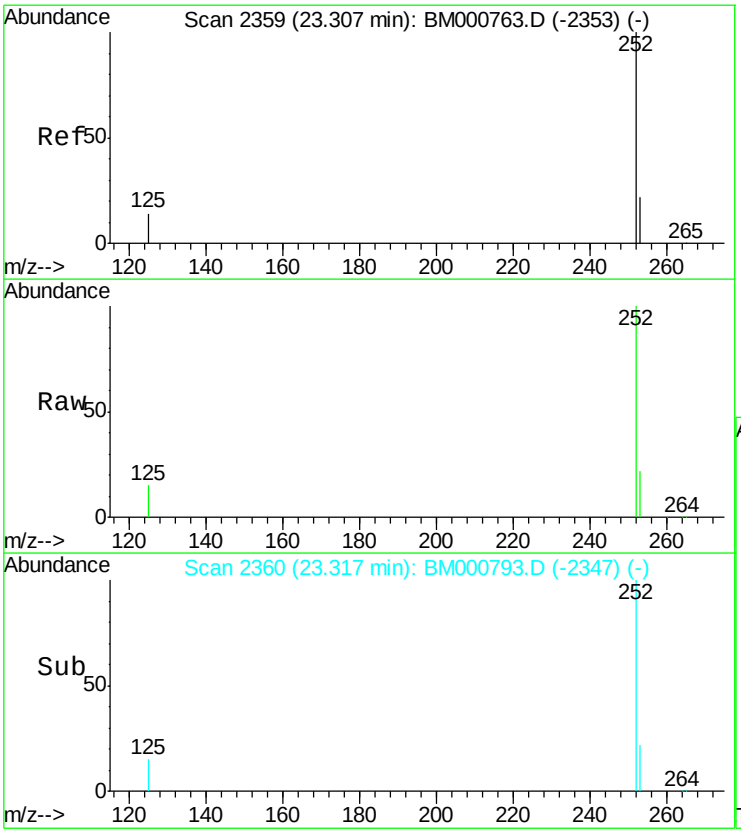
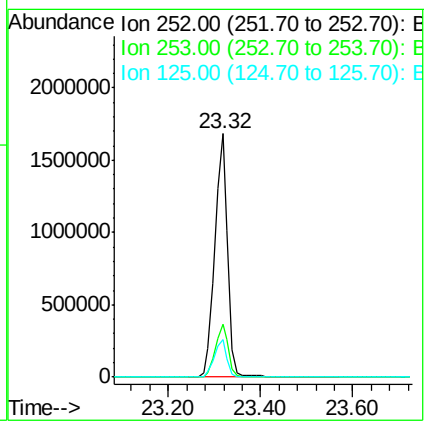
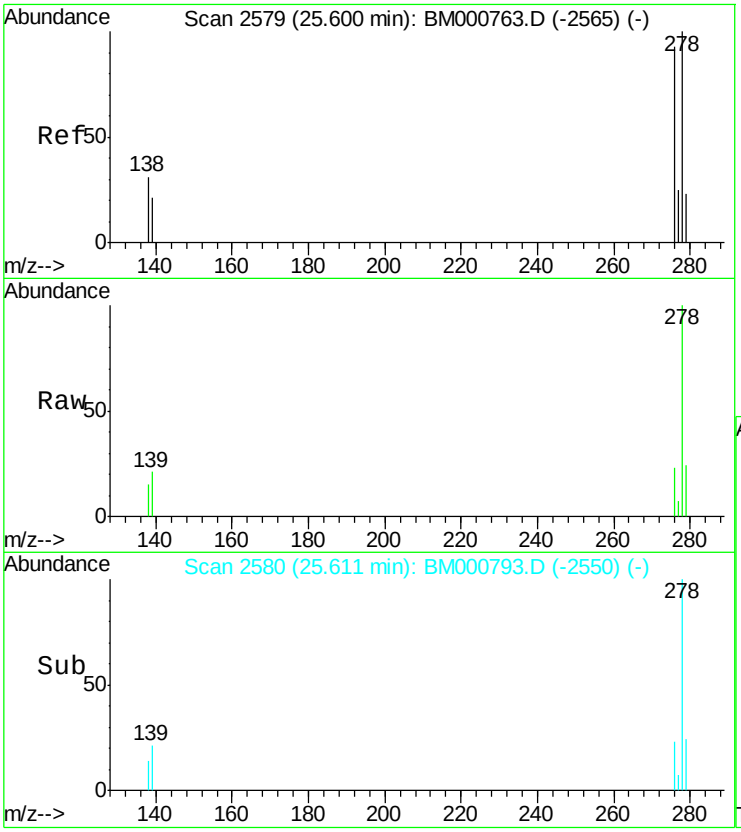


#28
Benzo(a)pyrene
Concen: 133.41 ng
RT: 23.32 min Scan# 2360
Delta R.T. 0.01 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:252 Resp: 3243442

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.4	29.2
125	15.4	11.5	17.3

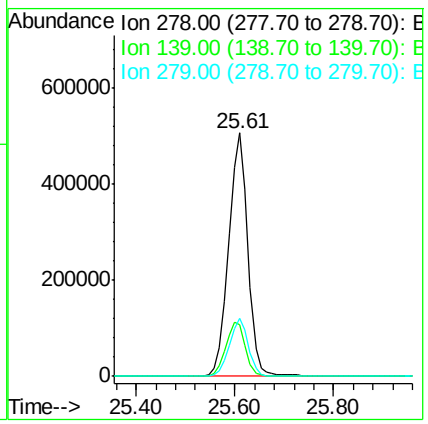




#29
Dibenzo(a,h)anthracene
Concen: 56.22 ng
RT: 25.61 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:278 Resp: 1349416

Ion	Ratio	Lower	Upper
278	100		
139	21.4	17.8	26.6
279	23.6	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

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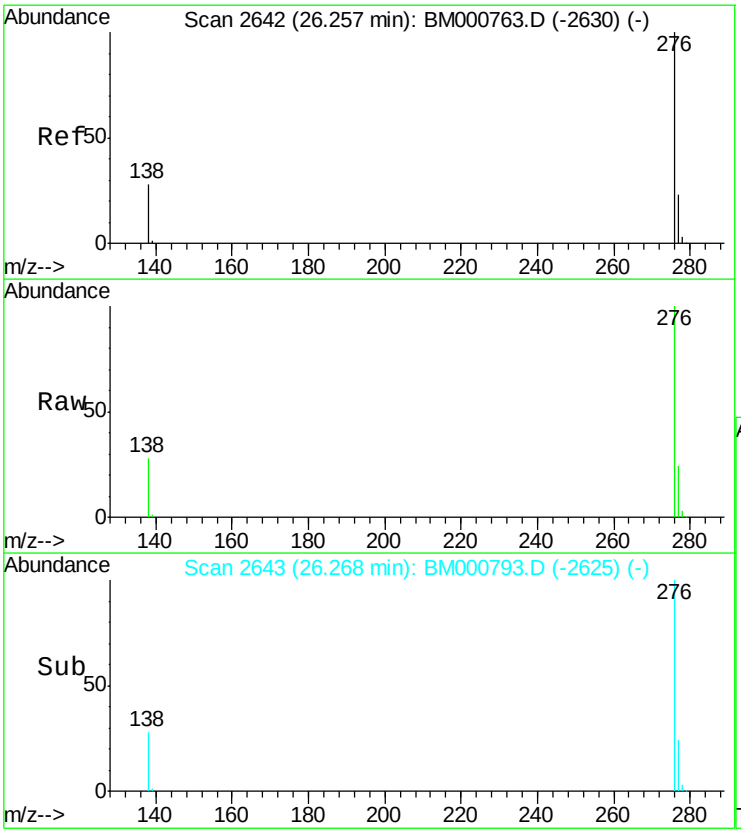

#30
Benzo(g,h,i)perylene
Concen: 40.14 ng
RT: 26.27 min Scan# 2643
Delta R.T. 0.01 min
Lab File: BM000793.D
Acq: 01 Apr 2015 20:33

Tgt Ion:276 Resp: 1039804

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	28.4	23.1	34.7