Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
Data File : BM002474.D
Acq On : 18 Aug 2015 05:08
Operator : UM/IZ
Sample : G3227-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DE3

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:19:40 PM

Quant Time: Aug 18 07:16:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	134726	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	613071	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	315509	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	579546	20.00	ng/ul	0.00
17) Chrysene-d12	22.26	240	388555	20.00	ng/ul	0.00
22) Perylene-d12	24.94	264	407838m	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.17	160	853608	26.46	ng/ul	0.00
10) Fluorene-d10	16.43	176	532678	23.51	ng/ul	0.00
14) Anthracene-d10	18.27	188	696406	24.91	ng/ul	0.00
18) Pyrene-d10	20.49	212	506431	29.40	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.77	264	398744m	18.61	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.80	128	56055	1.79	ng/ul	98
4) 2-Methylnaphthalene	13.35	142	34540	1.47	ng/ul	95
5) 1-Methylnaphthalene	13.56	142	26833	1.16	ng/ul	99
9) Acenaphthene	15.52	153	24726	1.11	ng/ul	94
11) Fluorene	16.49	166	27384	1.07	ng/ul#	96
13) Phenanthrene	18.22	178	435220	13.00	ng/ul	99
15) Anthracene	18.30	178	89335	2.63	ng/ul	100
16) Fluoranthene	20.16	202	1282333	33.84	ng/ul	98
19) Pyrene	20.52	202	1221108	53.65	ng/ul	100
20) Benzo(a)anthracene	22.24	228	1371384	59.02	ng/ul	99
21) Chrysene	22.30	228	1583145	72.85	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	3470587m	140.76	ng/ul	
24) Benzo(k)fluoranthene	24.17	252	980506m	41.96	ng/ul	
26) Benzo(a)pyrene	24.83	252	2094881m	88.96	ng/ul	
27) Indeno(1,2,3-cd)pyrene	27.82	276	1992579m	73.57	ng/ul	
28) Dibenzo(a,h)anthracene	27.80	278	690713m	30.51	ng/ul	
29) Benzo(g,h,i)perylene	28.71	276	1767296m	78.39	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
Data File : BM002474.D
Acq On : 18 Aug 2015 05:08
Operator : UM/IZ
Sample : G3227-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 18 07:16:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9DE3

Manual Integrations APPROVED
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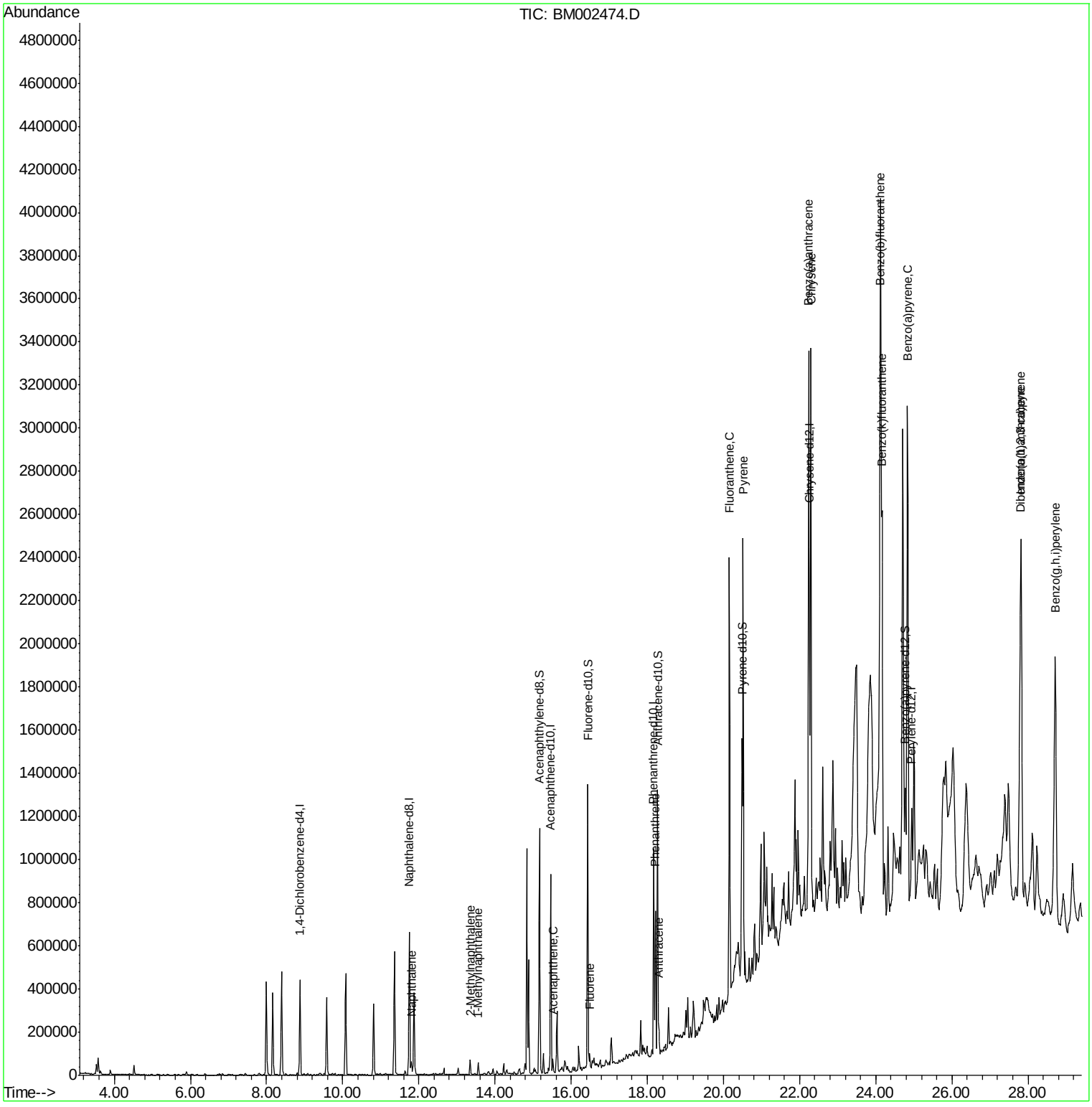
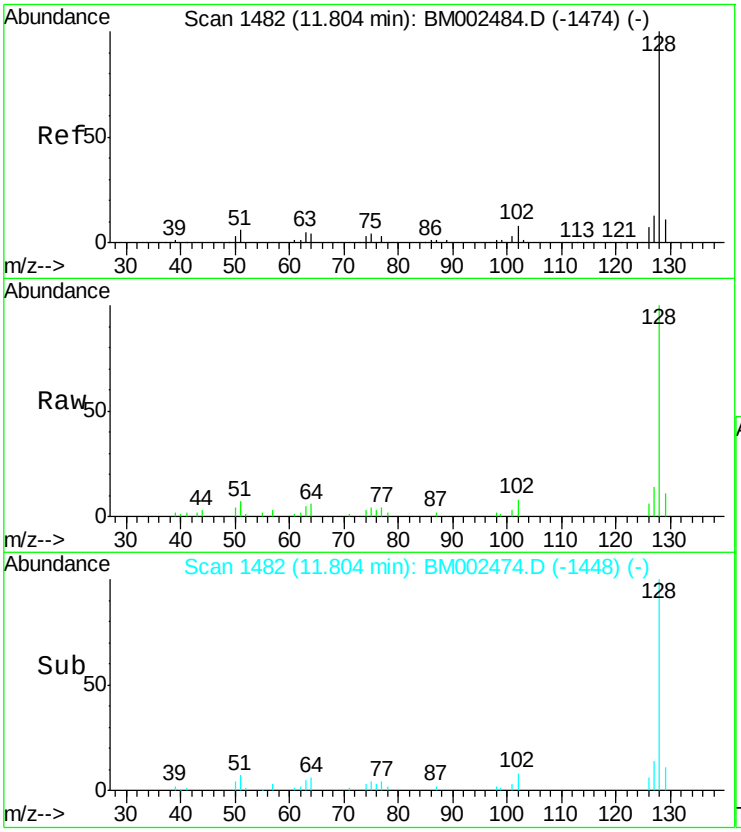
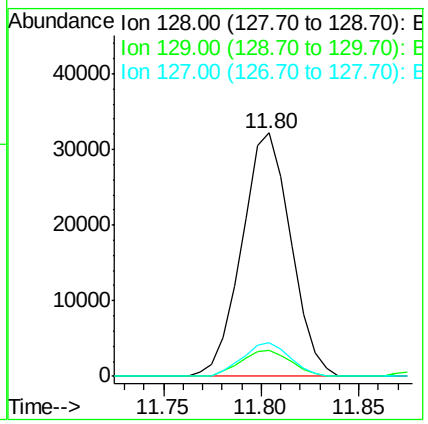




#3
Naphthalene
Concen: 1.79 ng/ul
RT: 11.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:128 Resp: 56055

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	14.0	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
D9DE3

Manual Integrations APPROVED
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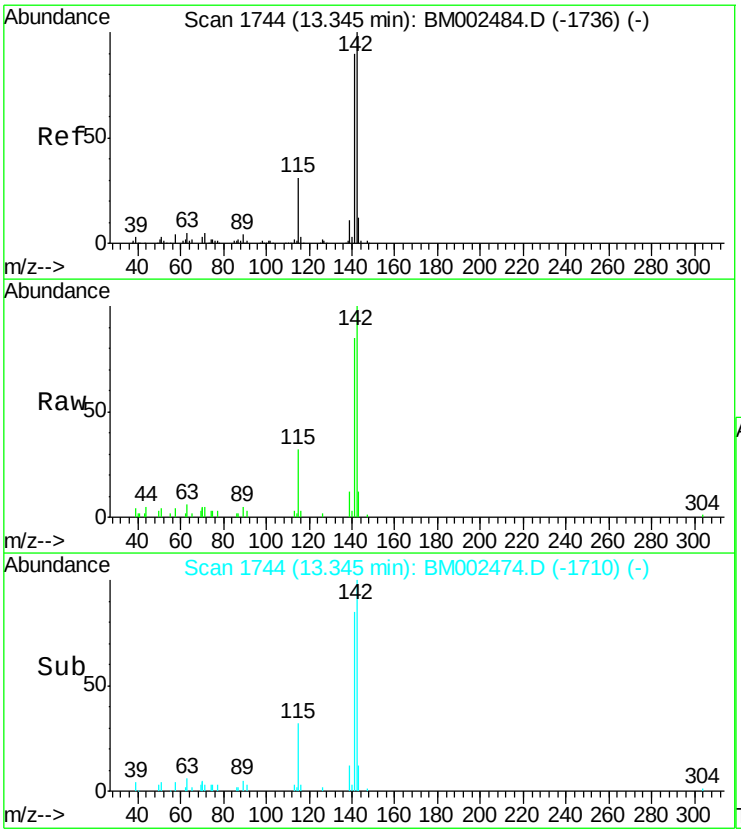
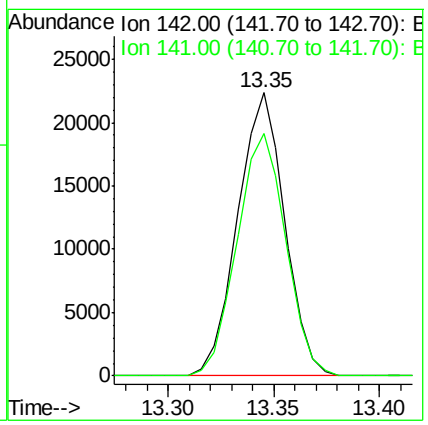
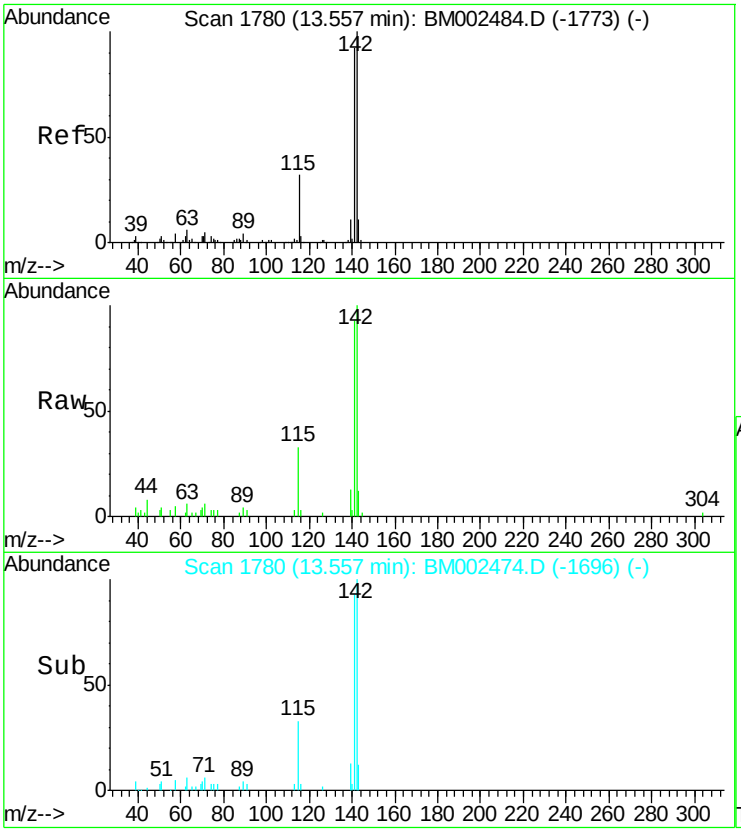


#4
2-Methylnaphthalene
Concen: 1.47 ng/ul
RT: 13.35 min Scan# 1744
Delta R.T. 0.00 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:142 Resp: 34540

Ion	Ratio	Lower	Upper
142	100		
141	85.5	72.2	108.2

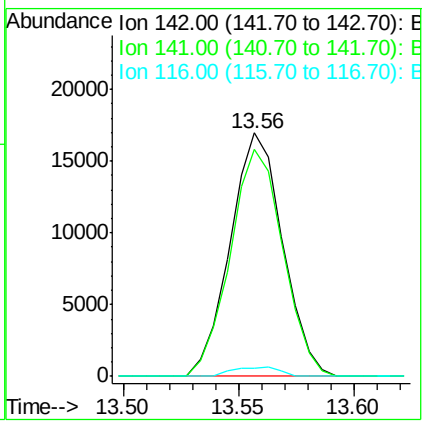




#5
1-Methylnaphthalene
Concen: 1.16 ng/ul
RT: 13.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:142 Resp: 26833

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.9	110.9
116	3.2	3.0	4.4



Instrument :
BNA_M
ClientSampleId :
D9DE3

Manual Integrations APPROVED
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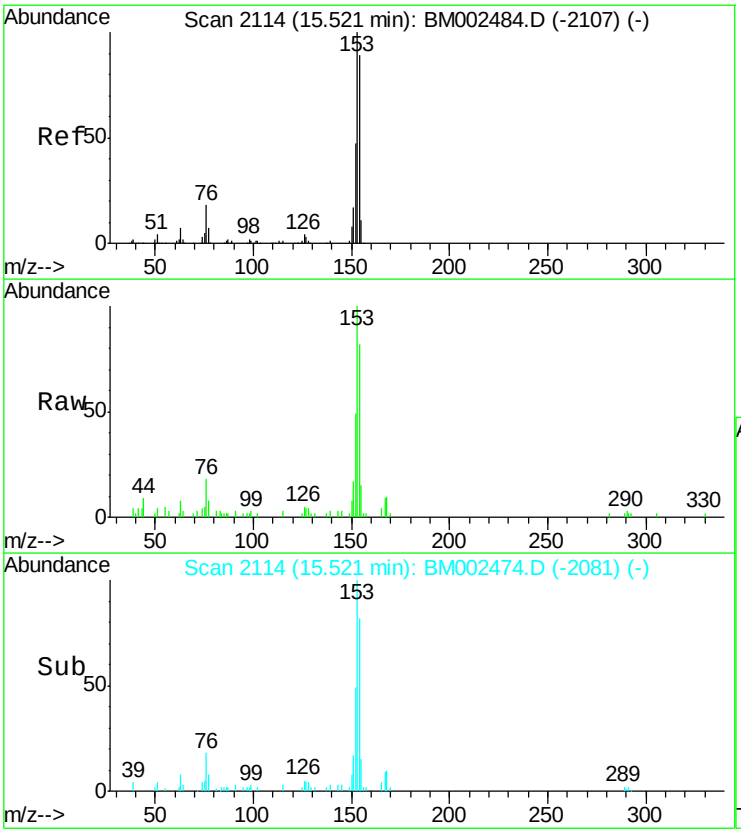
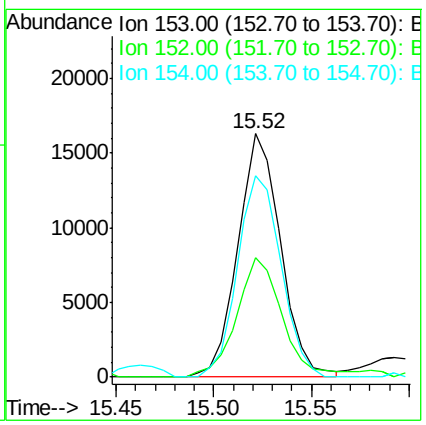
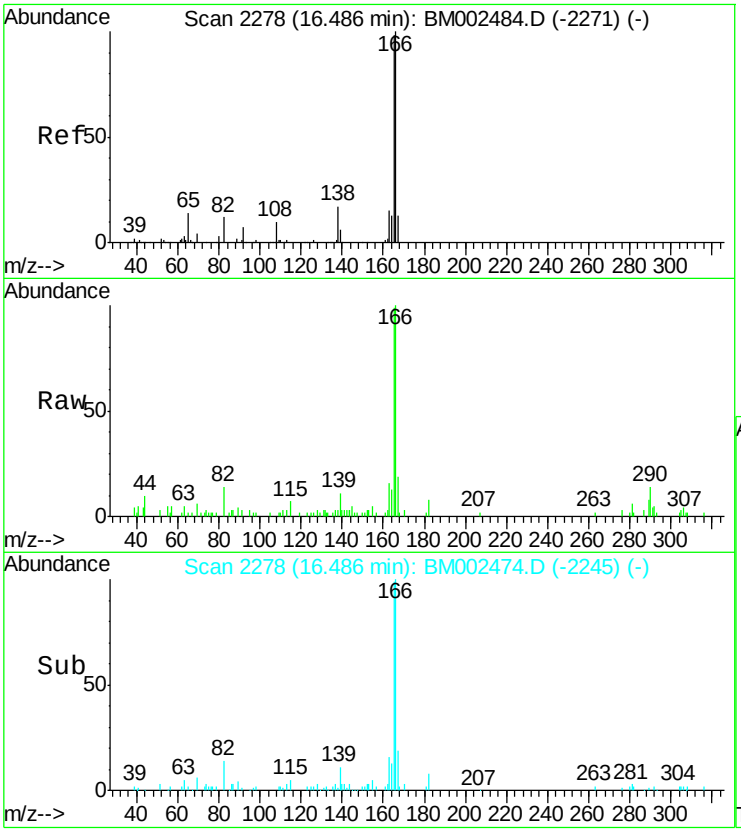


#9
Acenaphthene
Concen: 1.11 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:153 Resp: 24726

Ion	Ratio	Lower	Upper
153	100		
152	48.8	36.9	55.3
154	82.5	71.3	106.9

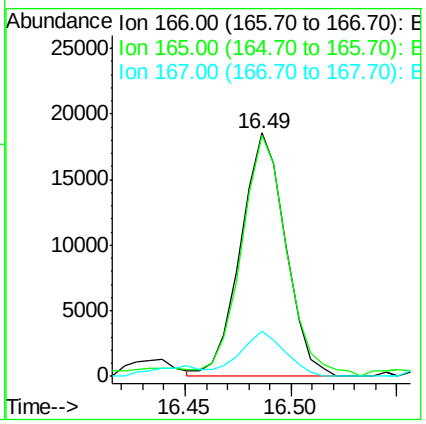




#11
Fluorene
Concen: 1.07 ng/ul
RT: 16.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:166 Resp: 27384

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.6	116.4
167	18.7	10.7	16.1#



Instrument :
BNA_M
ClientSampleId :
D9DE3

Manual Integrations APPROVED
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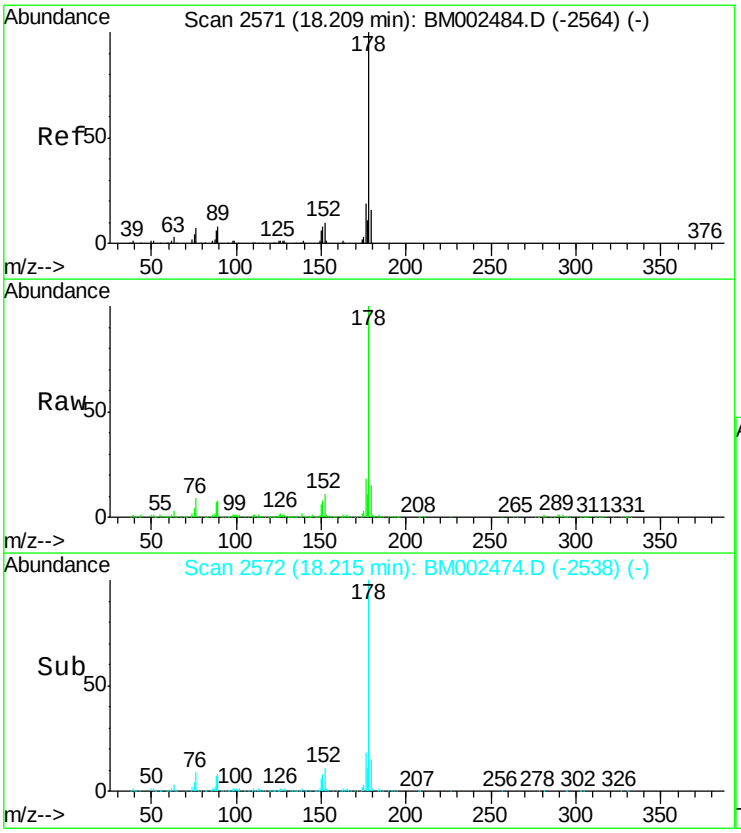
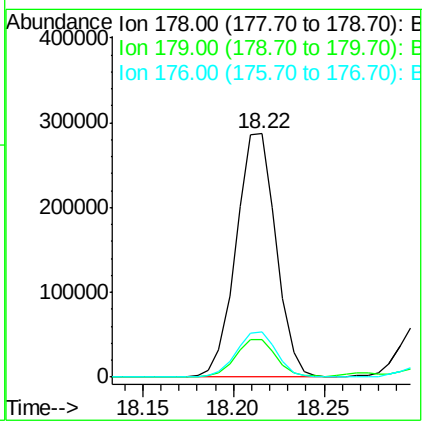
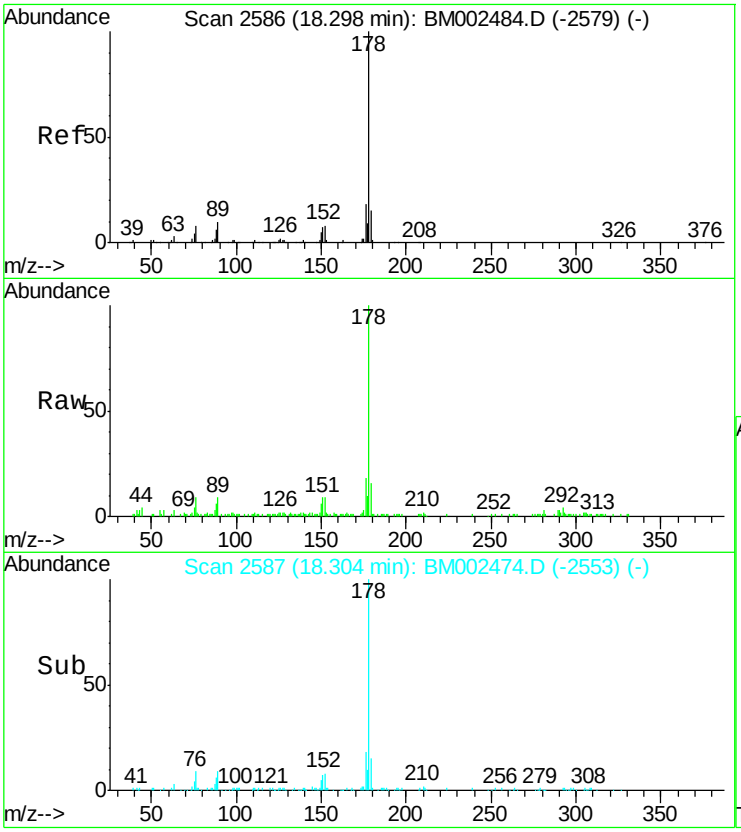


#13
Phenanthrene
Concen: 13.00 ng/ul
RT: 18.22 min Scan# 2572
Delta R.T. 0.00 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:178 Resp: 435220

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.4	15.1	22.7

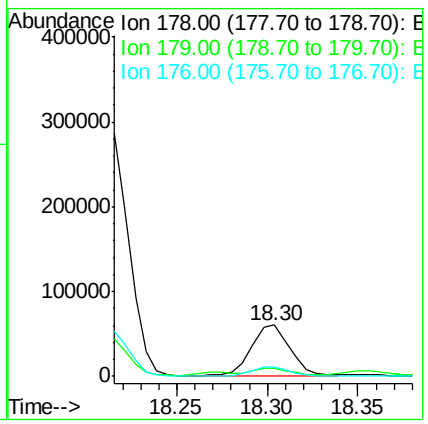




#15
Anthracene
Concen: 2.63 ng/ul
RT: 18.30 min Scan# 2587
Delta R.T. 0.00 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:178 Resp: 89335

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	18.1	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
D9DE3

Manual Integrations APPROVED
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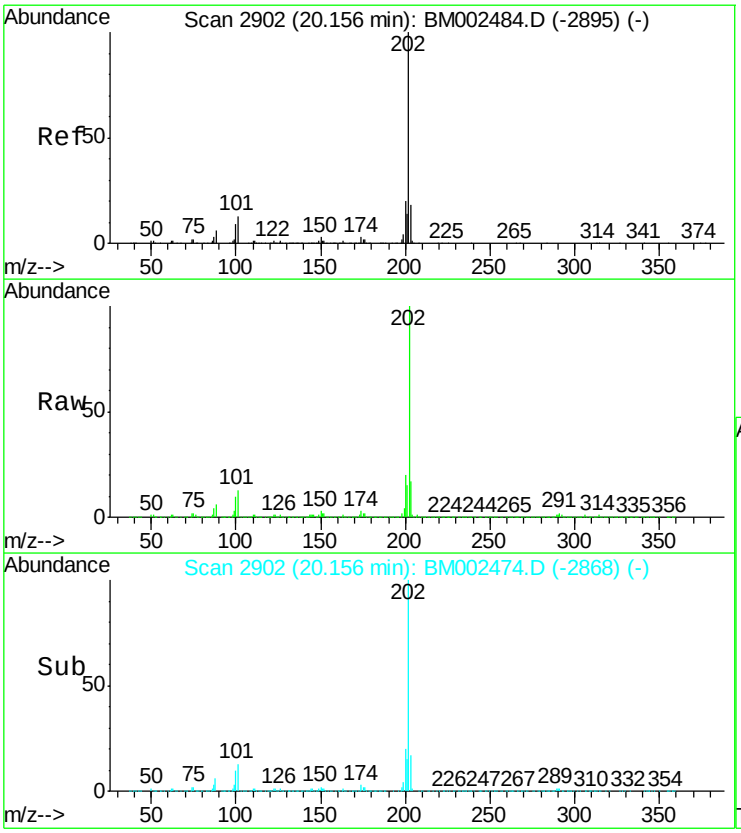
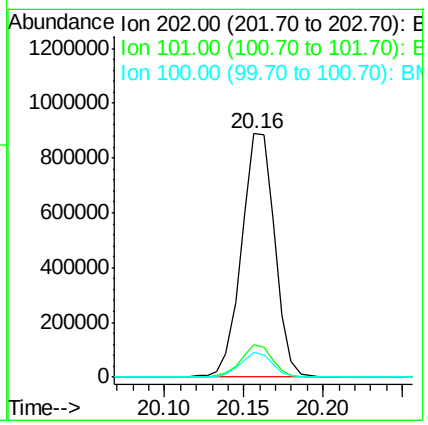
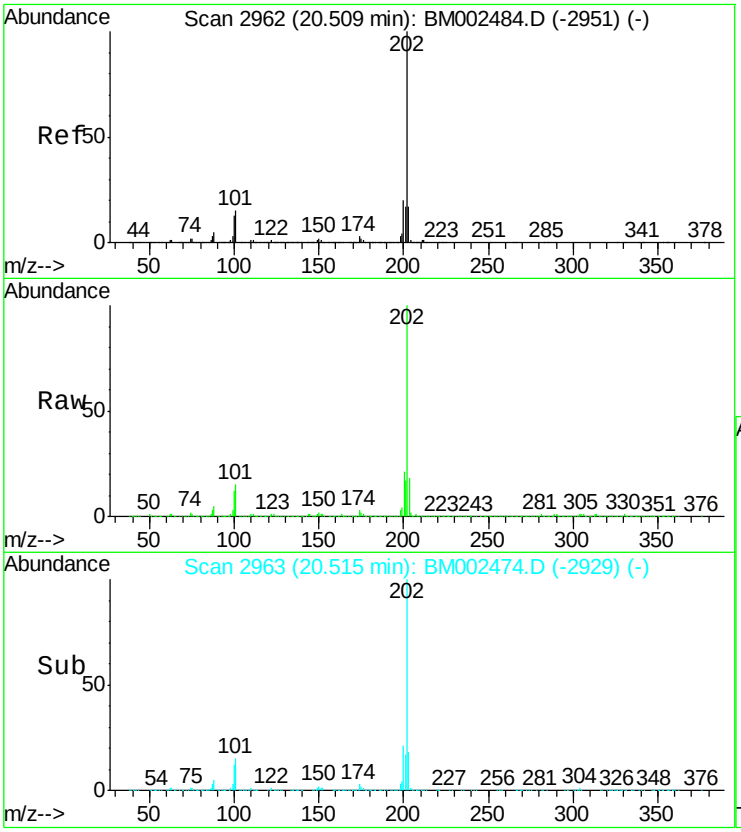


#16
Fluoranthene
Concen: 33.84 ng/ul
RT: 20.16 min Scan# 2902
Delta R.T. 0.00 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:202 Resp: 1282333

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.7	14.5
100	10.0	7.4	11.2

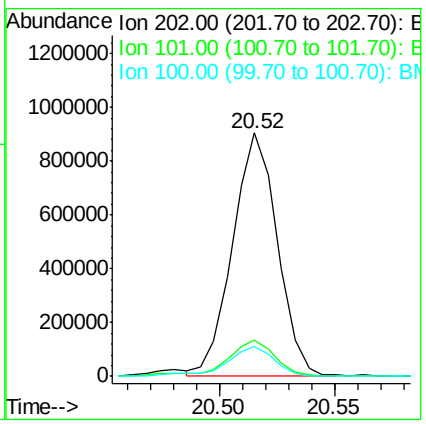




#19
Pyrene
Concen: 53.65 ng/ul
RT: 20.52 min Scan# 2963
Delta R.T. 0.00 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:202 Resp: 1221108

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.0	18.0
100	12.2	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9DE3

Manual Integrations APPROVED
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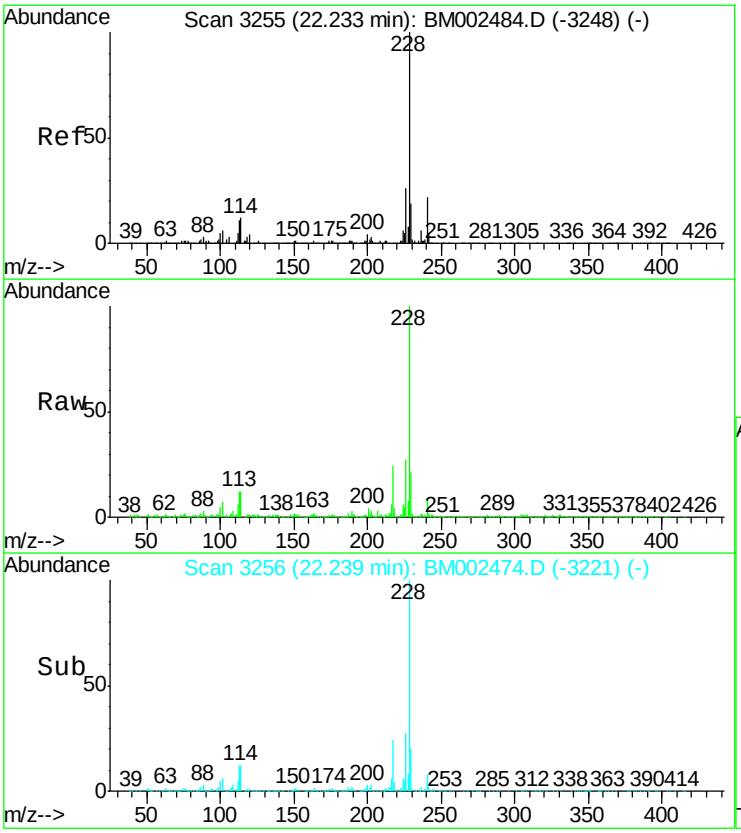
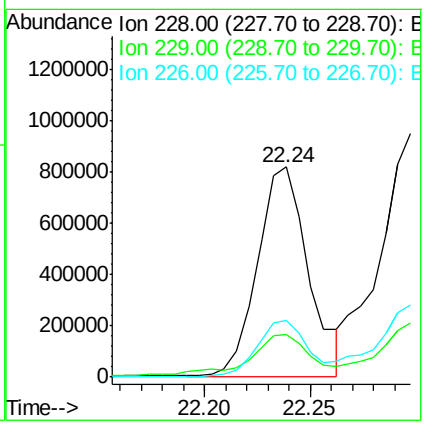
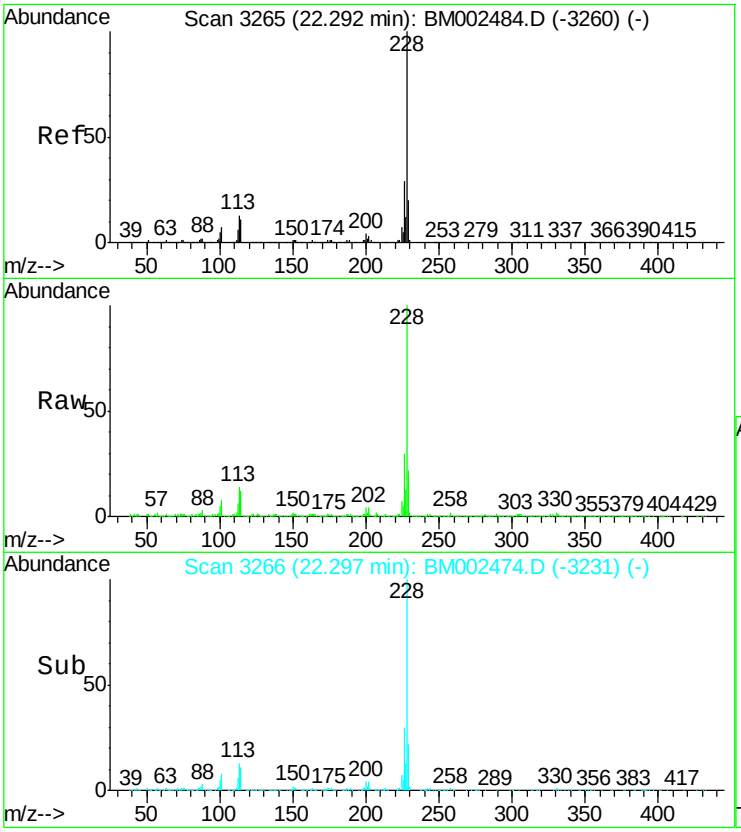


#20
Benzo(a)anthracene
Concen: 59.02 ng/ul
RT: 22.24 min Scan# 3256
Delta R.T. 0.01 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:228 Resp: 1371384

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	26.8	21.1	31.7

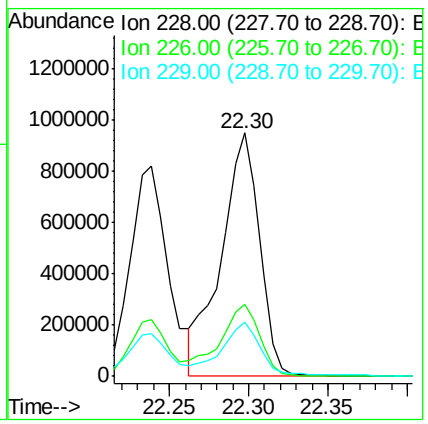




#21
Chrysene
Concen: 72.85 ng/ul
RT: 22.30 min Scan# 3266
Delta R.T. 0.01 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

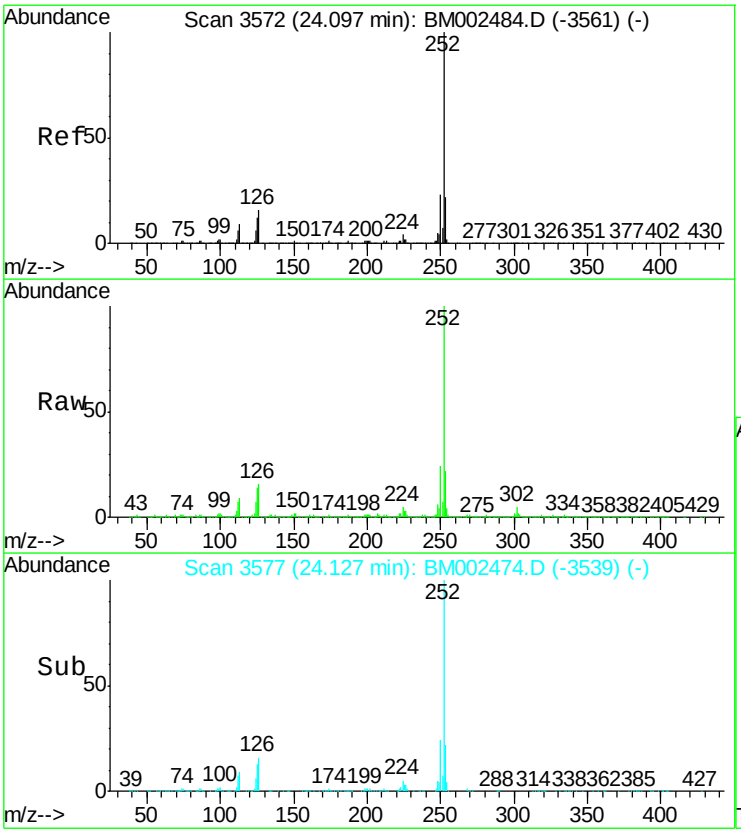
Tgt Ion:228 Resp: 1583145

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.1	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
D9DE3

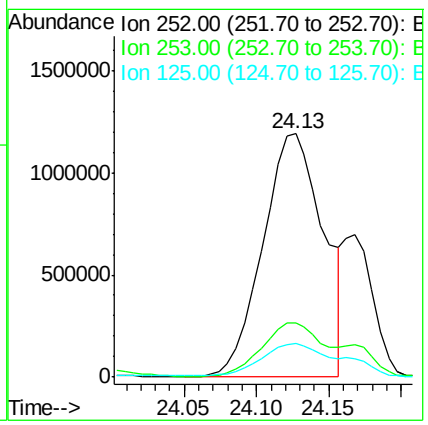
Manual Integrations APPROVED
MMDadoda
8/18/2015 5:19:40 PM

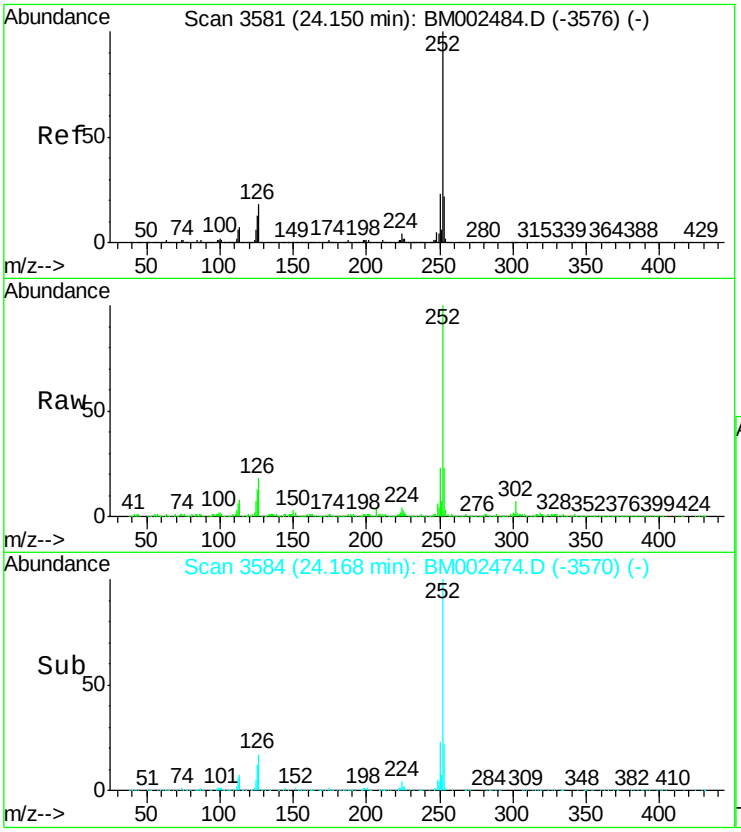


#23
Benzo(b)fluoranthene
Concen: 140.76 ng/ul m
RT: 24.13 min Scan# 3577
Delta R.T. 0.02 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:252 Resp: 3470587

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	13.9	10.0	15.0

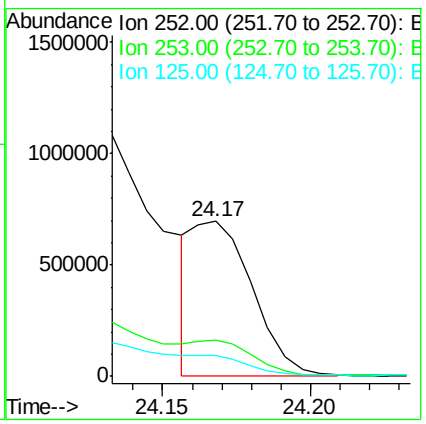




#24
Benzo(k)fluoranthene
Concen: 41.96 ng/ul m
RT: 24.17 min Scan# 3584
Delta R.T. 0.01 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

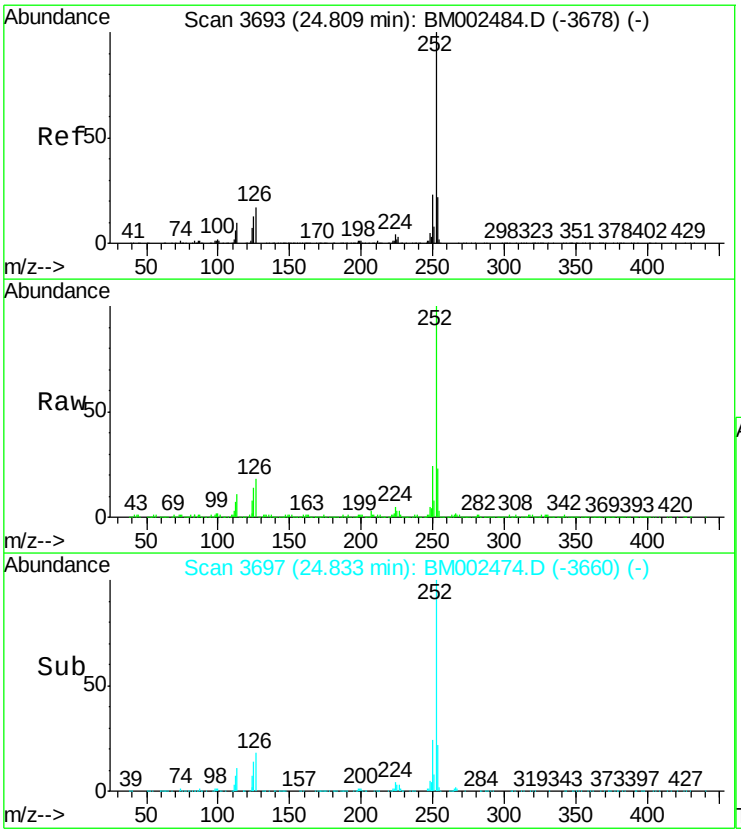
Tgt Ion:252 Resp: 980506

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	13.3	9.8	14.8



Instrument :
BNA_M
ClientSampleId :
D9DE3

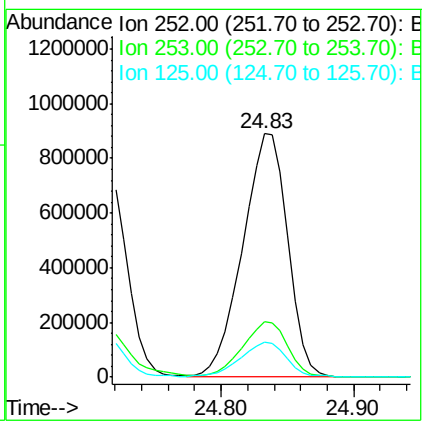
Manual Integrations APPROVED
MMDadoda
8/18/2015 5:19:40 PM

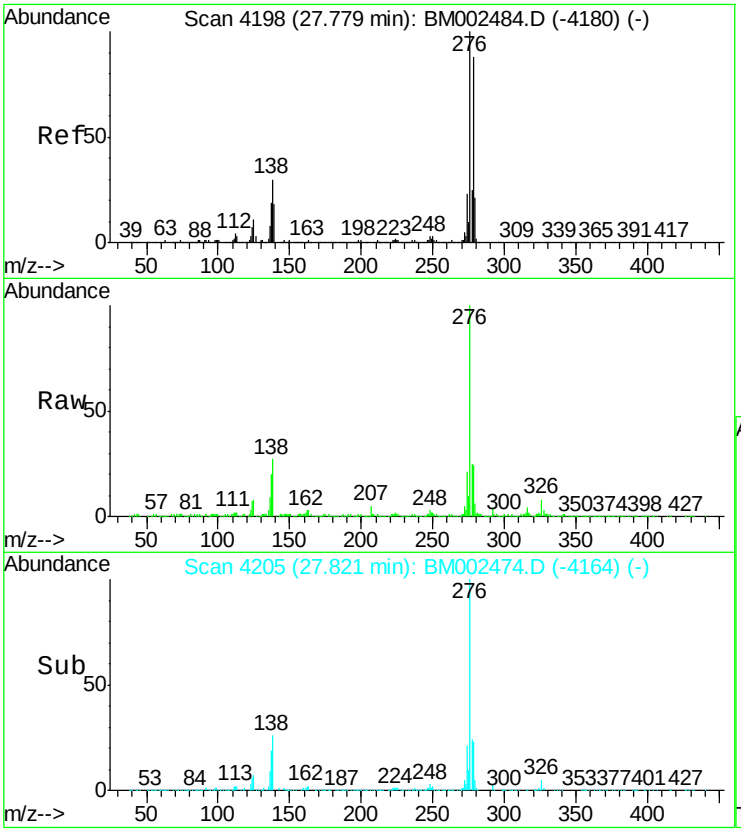


#26
Benzo(a)pyrene
Concen: 88.96 ng/ul m
RT: 24.83 min Scan# 3697
Delta R.T. 0.02 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:252 Resp: 2094881

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	14.4	10.7	16.1

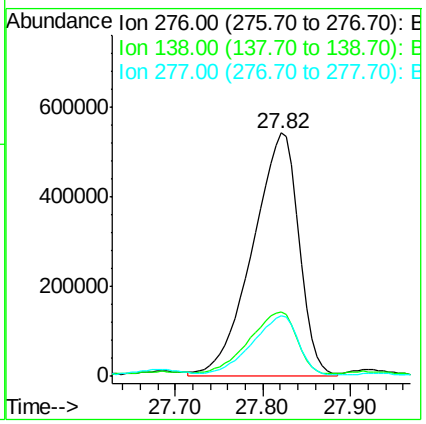




#27
Indeno(1,2,3-cd)pyrene
Concen: 73.57 ng/ul m
RT: 27.82 min Scan# 4205
Delta R.T. 0.04 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

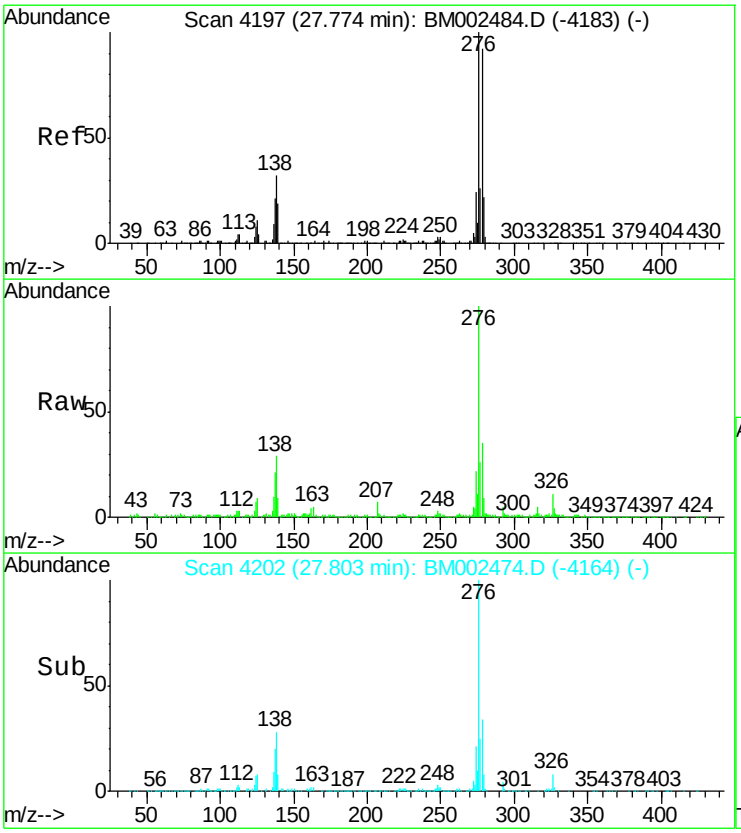
Tgt Ion:276 Resp: 1992579

Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.3	37.9
277	25.1	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
D9DE3

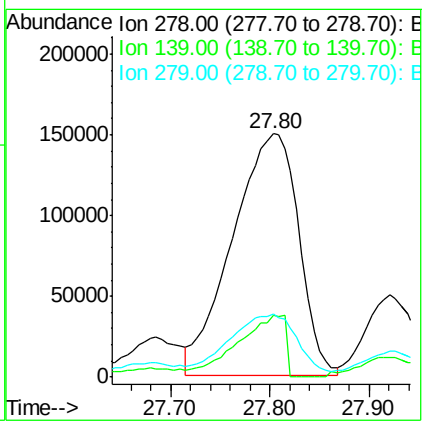
Manual Integrations APPROVED
MMDadoda
8/18/2015 5:19:40 PM

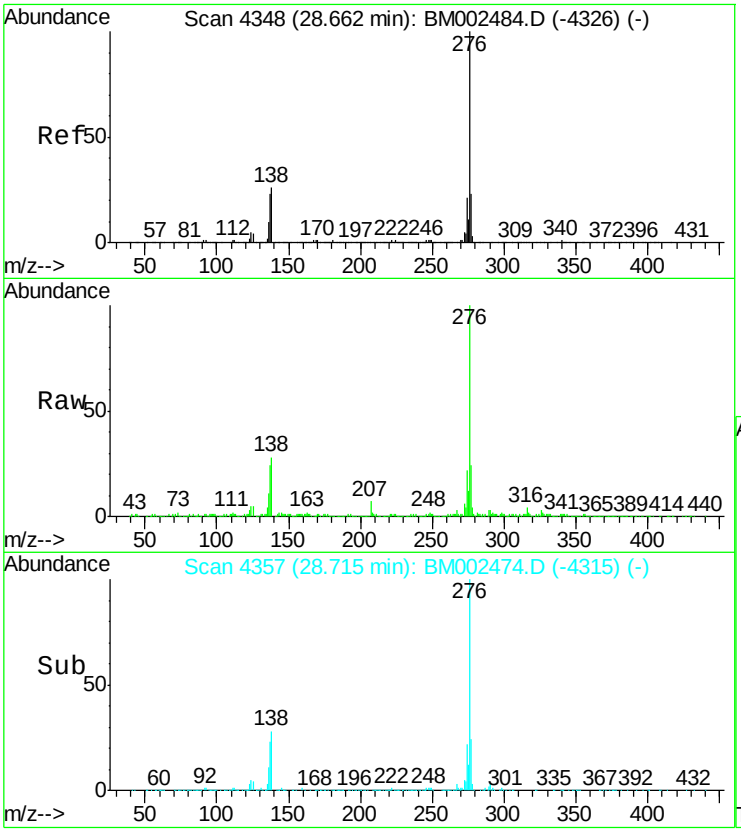


#28
Dibenzo(a,h)anthracene
Concen: 30.51 ng/ul m
RT: 27.80 min Scan# 4202
Delta R.T. 0.02 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:278 Resp: 690713

Ion	Ratio	Lower	Upper
278	100		
139	25.3	16.5	24.7#
279	25.8	18.8	28.2

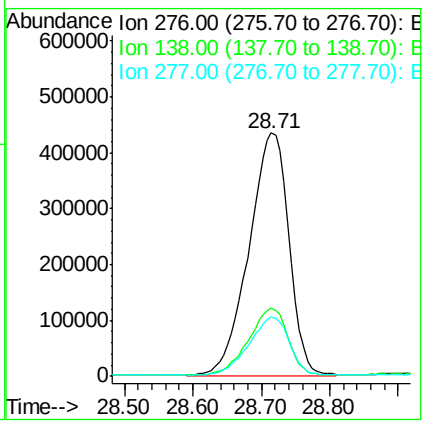




#29
Benzo(g,h,i)perylene
Concen: 78.39 ng/ul m
RT: 28.71 min Scan# 4357
Delta R.T. 0.05 min
Lab File: BM002474.D
Acq: 18 Aug 2015 05:08

Tgt Ion:276 Resp: 1767296

Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.0	31.6
277	24.5	19.2	28.8



Instrument :
BNA_M
ClientSampleId :
D9DE3

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:19:40 PM