Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
Data File : BM002454.D
Acq On : 17 Aug 2015 16:48
Operator : UM/IZ
Sample : G3227-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DC5MS

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:15:42 PM

Quant Time: Aug 18 02:32:49 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	8.87	152	160139	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	714653	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	359660	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	689077	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	459306	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	431718	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	758581	20.63	ng/ul	0.00
10) Fluorene-d10	16.43	176	500218	19.37	ng/ul	0.00
14) Anthracene-d10	18.26	188	675476	20.32	ng/ul	0.00
18) Pyrene-d10	20.48	212	556151	27.32	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	420608	18.55	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.80	128	66142	1.81	ng/ul	98
4) 2-Methylnaphthalene	13.34	142	31600	1.16	ng/ul	94
8) Acenaphthylene	15.19	152	46672	1.21	ng/ul	98
9) Acenaphthene	15.52	153	476927	18.81	ng/ul	99
13) Phenanthrene	18.20	178	249239	6.26	ng/ul	100
15) Anthracene	18.29	178	88931	2.21	ng/ul	99
16) Fluoranthene	20.15	202	524354	11.64	ng/ul	100
19) Pyrene	20.51	202	1086108	40.36	ng/ul	98
20) Benzo(a)anthracene	22.22	228	262283	9.55	ng/ul	98
21) Chrysene	22.28	228	290744	11.32	ng/ul	96
23) Benzo(b)fluoranthene	24.09	252	417774	16.01	ng/ul	96
24) Benzo(k)fluoranthene	24.13	252	141553m	5.72	ng/ul	
26) Benzo(a)pyrene	24.80	252	249498	10.01	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.74	276	192536	6.72	ng/ul	96
28) Dibenzo(a,h)anthracene	27.74	278	54240	2.26	ng/ul#	80
29) Benzo(g,h,i)perylene	28.63	276	166790	6.99	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
Data File : BM002454.D
Acq On : 17 Aug 2015 16:48
Operator : UM/IZ
Sample : G3227-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 18 02:32:49 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

Instrument :
BNA_M
ClientSampleId :
D9DC5MS

Manual Integrations APPROVED
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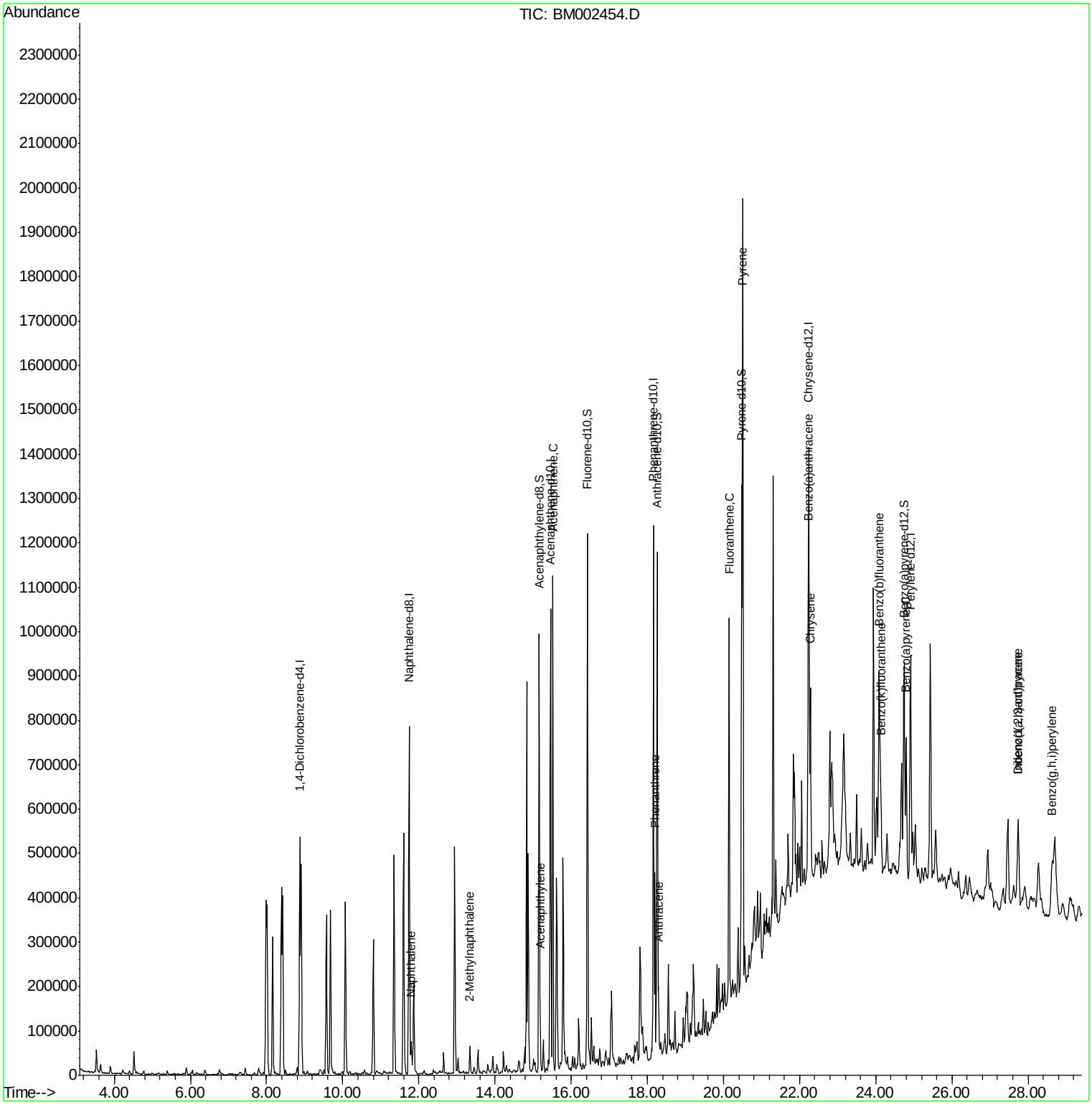
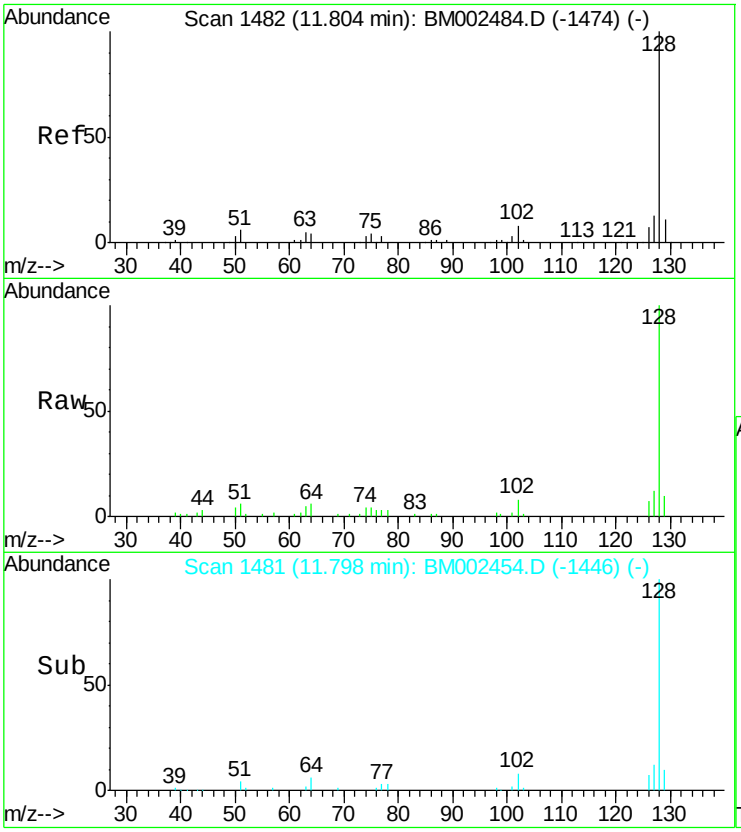
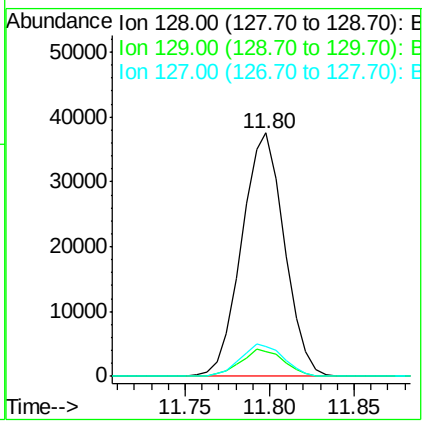




#3
Naphthalene
Concen: 1.81 ng/ul
RT: 11.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:128 Resp: 66142

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.6	12.8
127	12.2	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
D9DC5MS

Manual Integrations APPROVED
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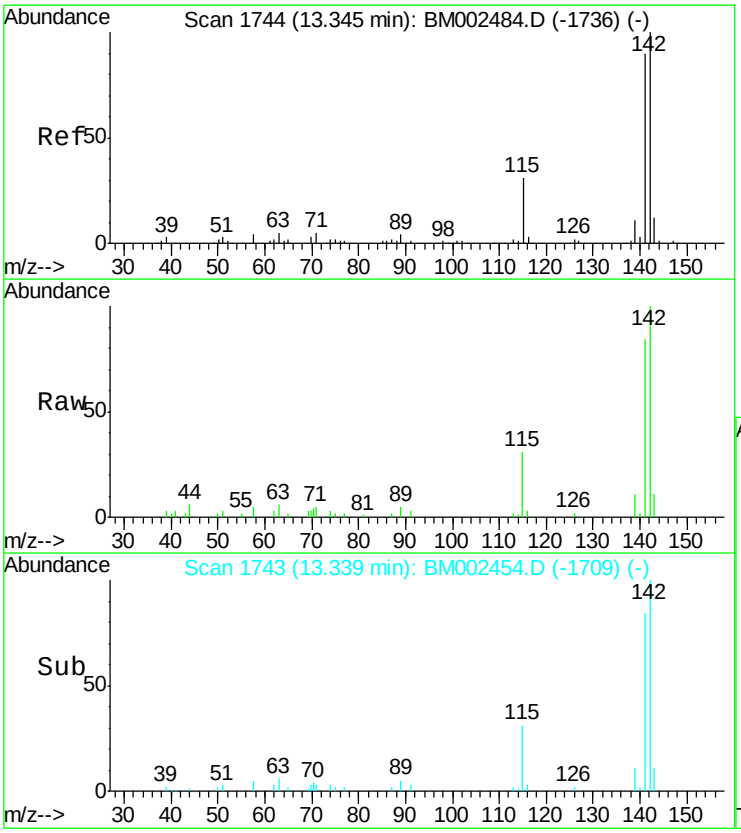
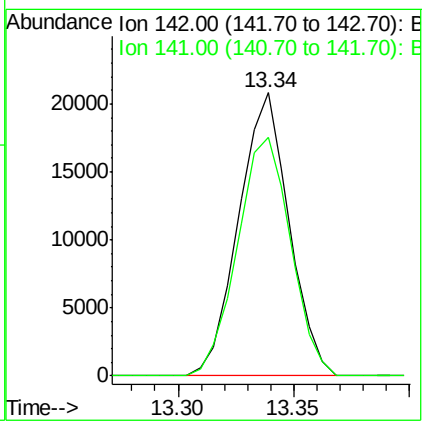
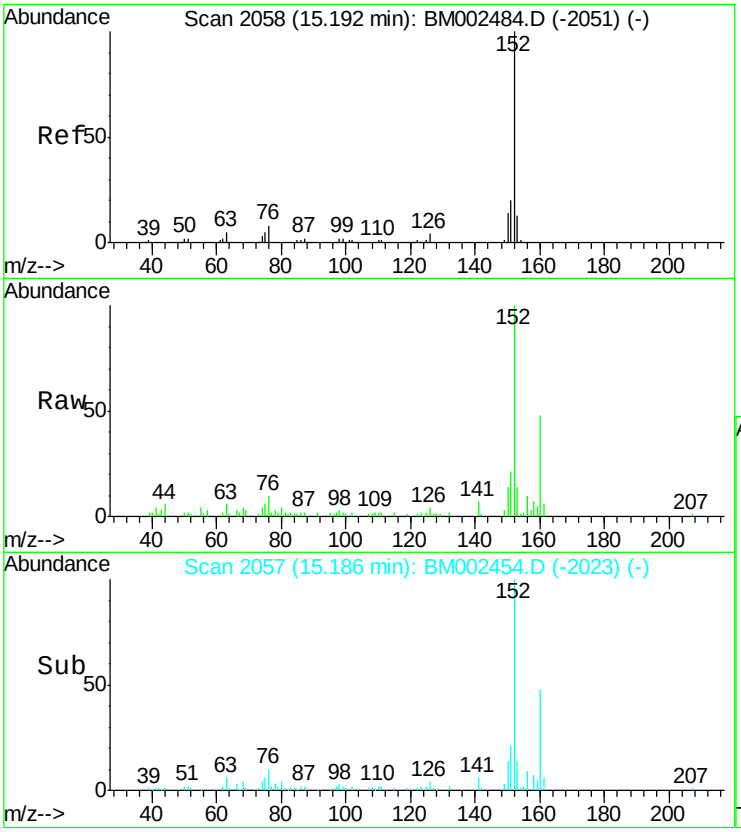


#4
2-Methylnaphthalene
Concen: 1.16 ng/ul
RT: 13.34 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:142 Resp: 31600

Ion	Ratio	Lower	Upper
142	100		
141	84.4	72.2	108.2

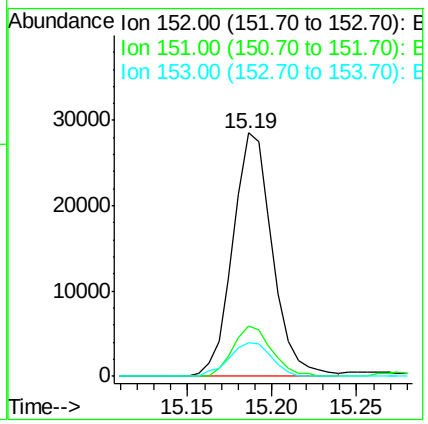




#8
Acenaphthylene
Concen: 1.21 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:152 Resp: 46672

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.7	23.5
153	13.9	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
D9DC5MS

Manual Integrations APPROVED
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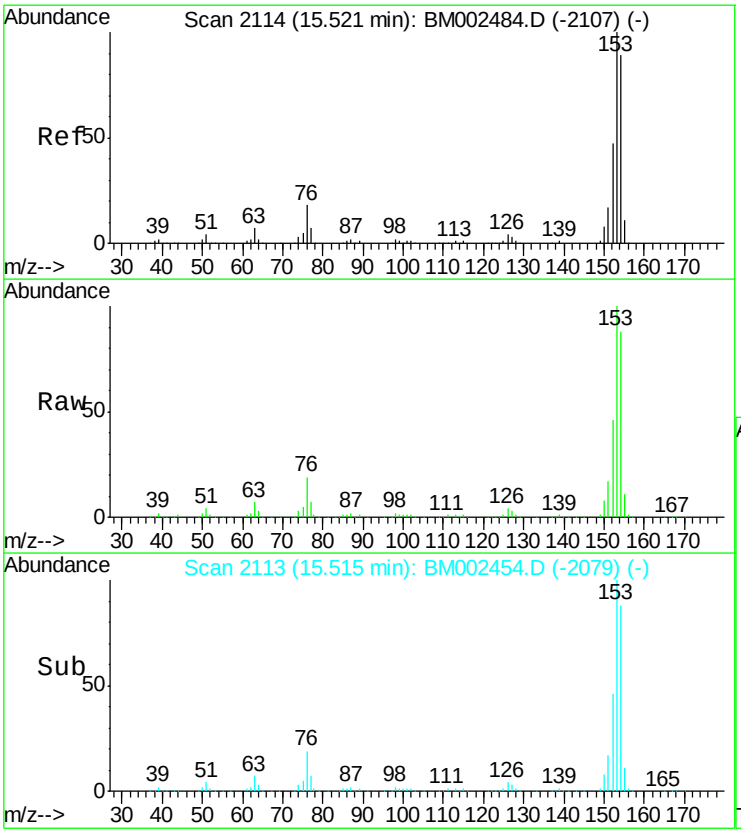
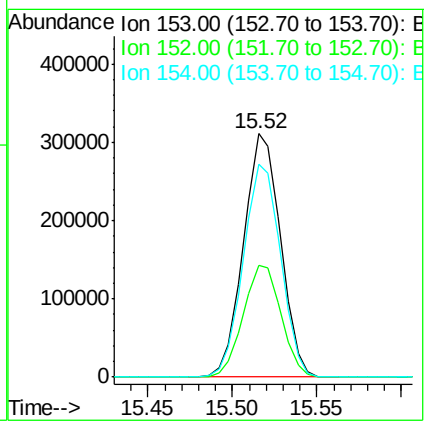
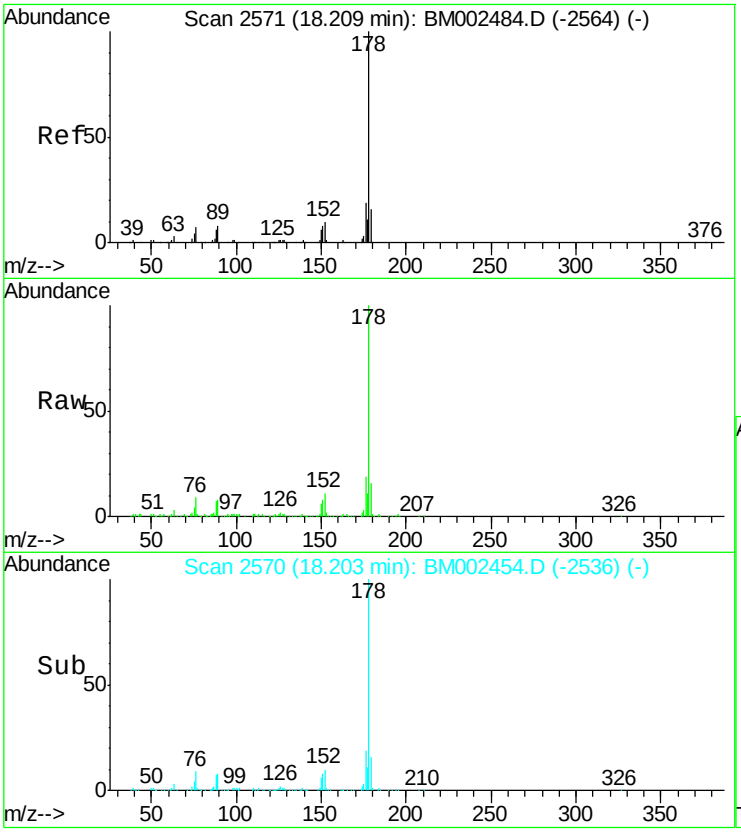


#9
Acenaphthene
Concen: 18.81 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:153 Resp: 476927

Ion	Ratio	Lower	Upper
153	100		
152	46.1	36.9	55.3
154	87.7	71.3	106.9

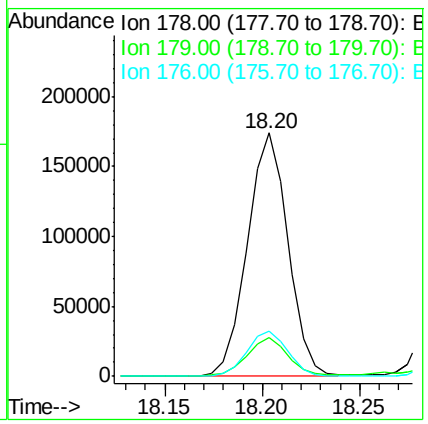




#13
Phenanthrene
Concen: 6.26 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.00 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:178 Resp: 249239

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.8	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9DC5MS

Manual Integrations APPROVED
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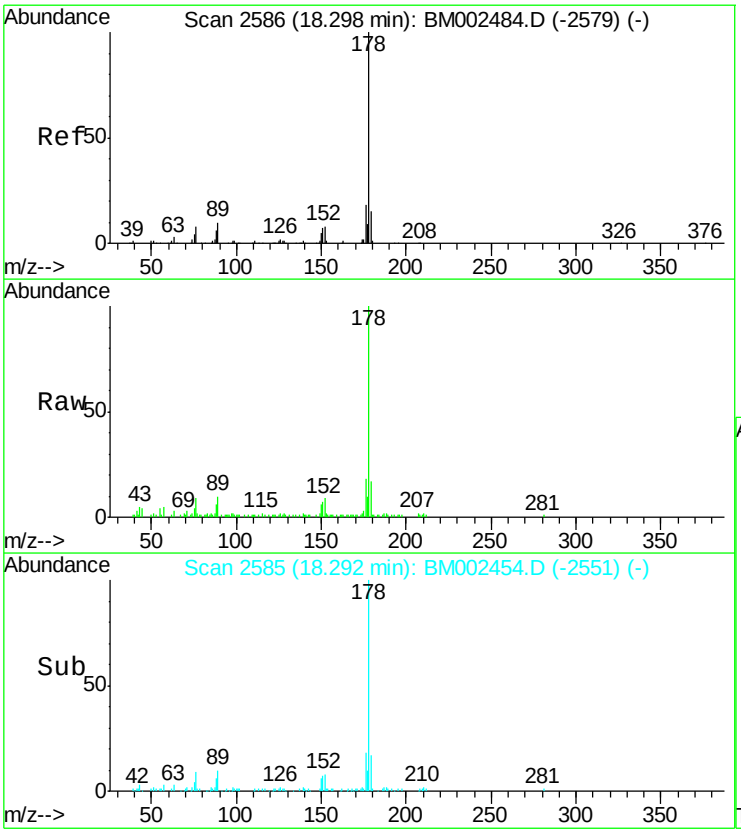
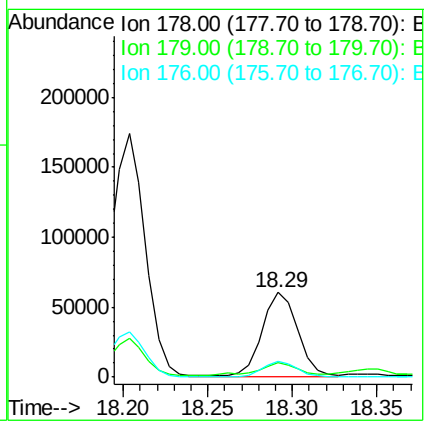
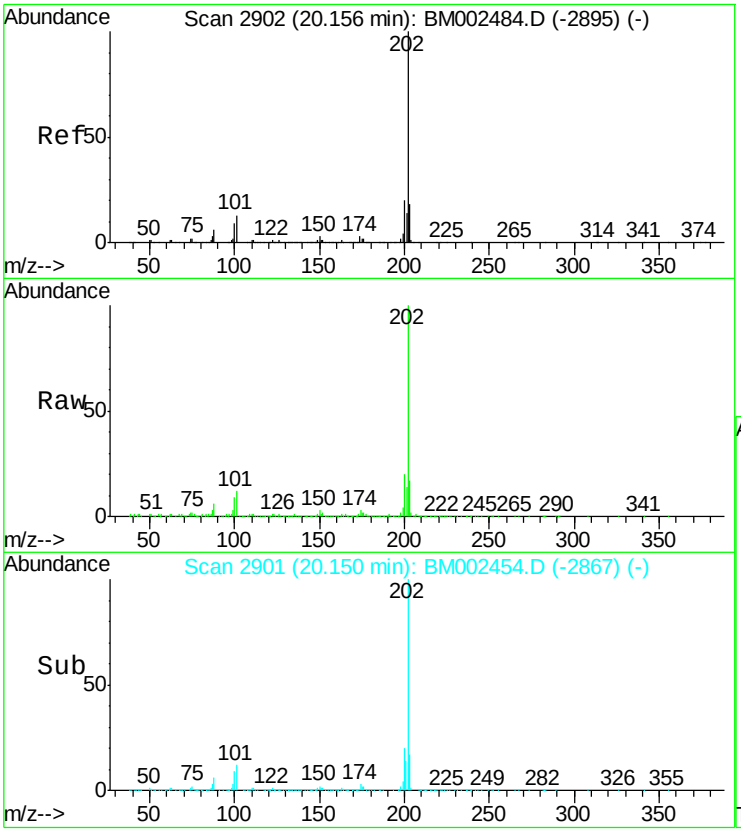


#15
Anthracene
Concen: 2.21 ng/ul
RT: 18.29 min Scan# 2585
Delta R.T. 0.00 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:178 Resp: 88931

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	18.0	14.5	21.7

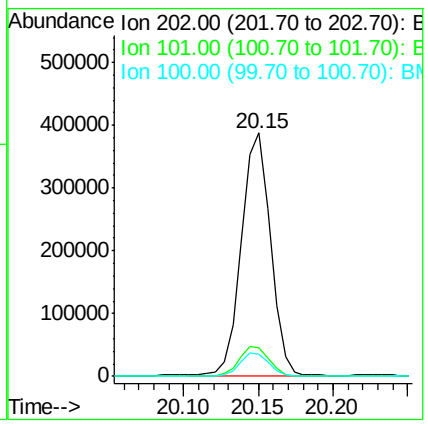




#16
Fluoranthene
Concen: 11.64 ng/ul
RT: 20.15 min Scan# 2901
Delta R.T. 0.00 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:202 Resp: 524354

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.7	14.5
100	9.2	7.4	11.2



Instrument :
BNA_M
ClientSampleId :
D9DC5MS

Manual Integrations APPROVED
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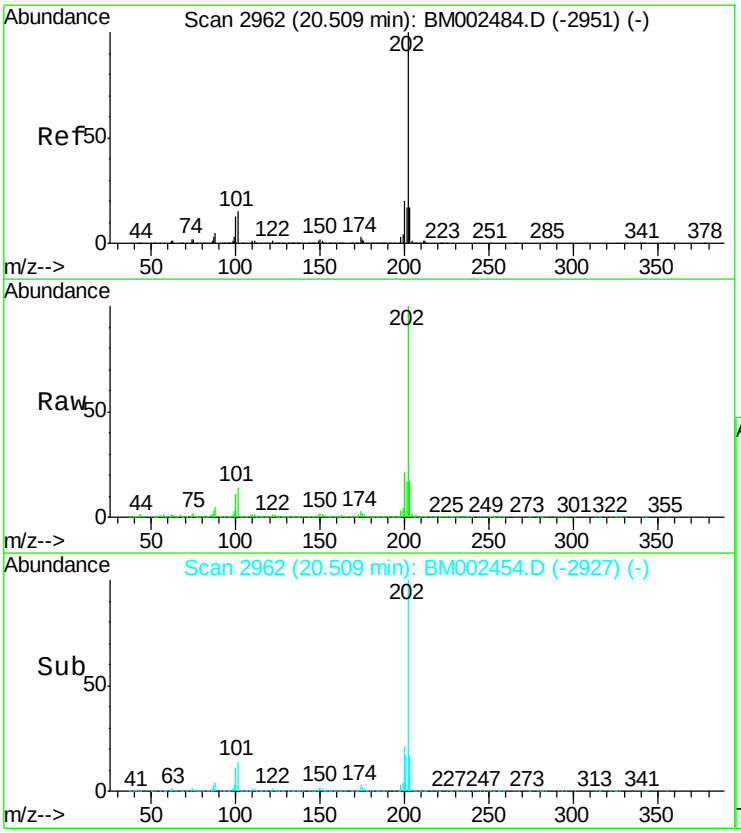
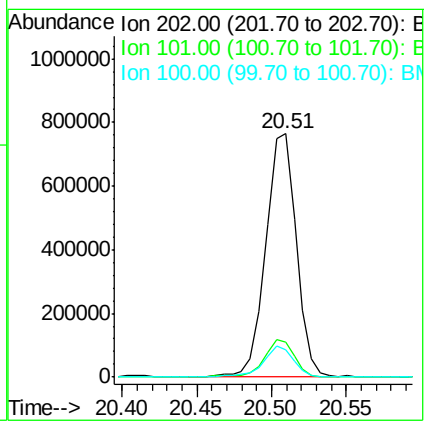
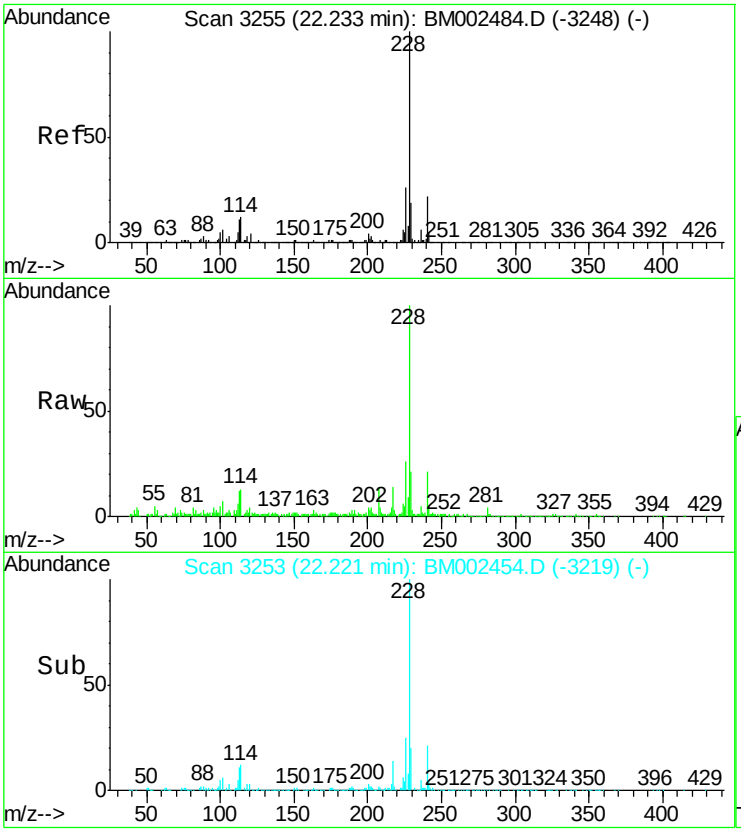


#19
Pyrene
Concen: 40.36 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. 0.01 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:202 Resp: 1086108

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.0	18.0
100	11.4	9.7	14.5

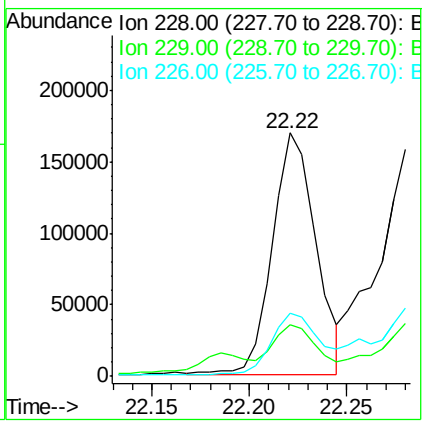




#20
Benzo(a)anthracene
Concen: 9.55 ng/ul
RT: 22.22 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:228 Resp: 262283

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	26.1	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
D9DC5MS

Manual Integrations APPROVED
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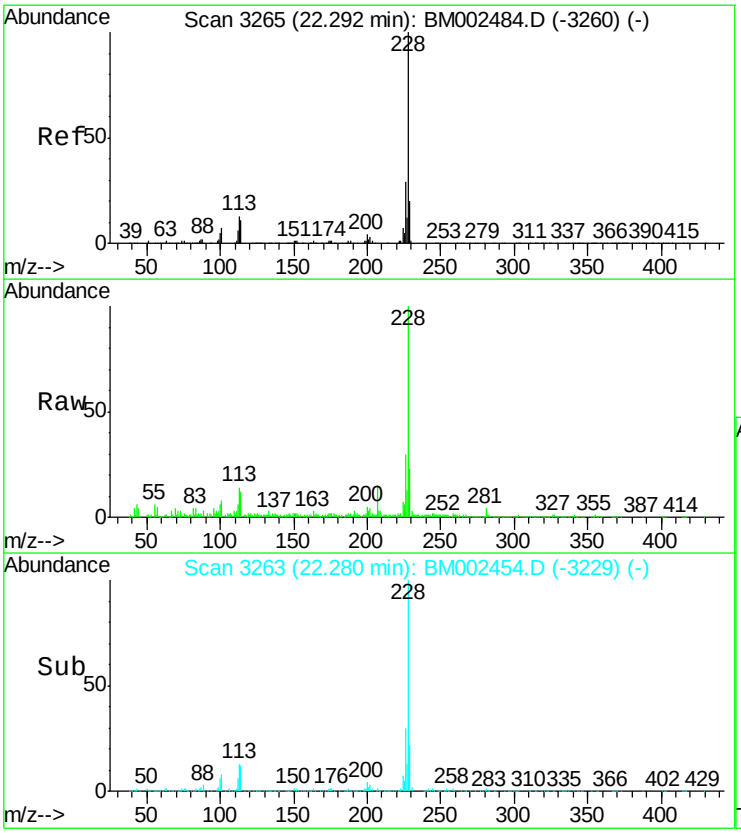
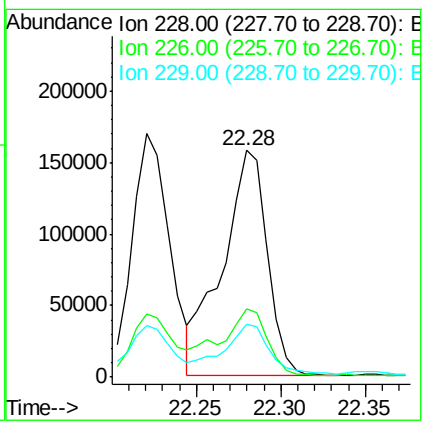
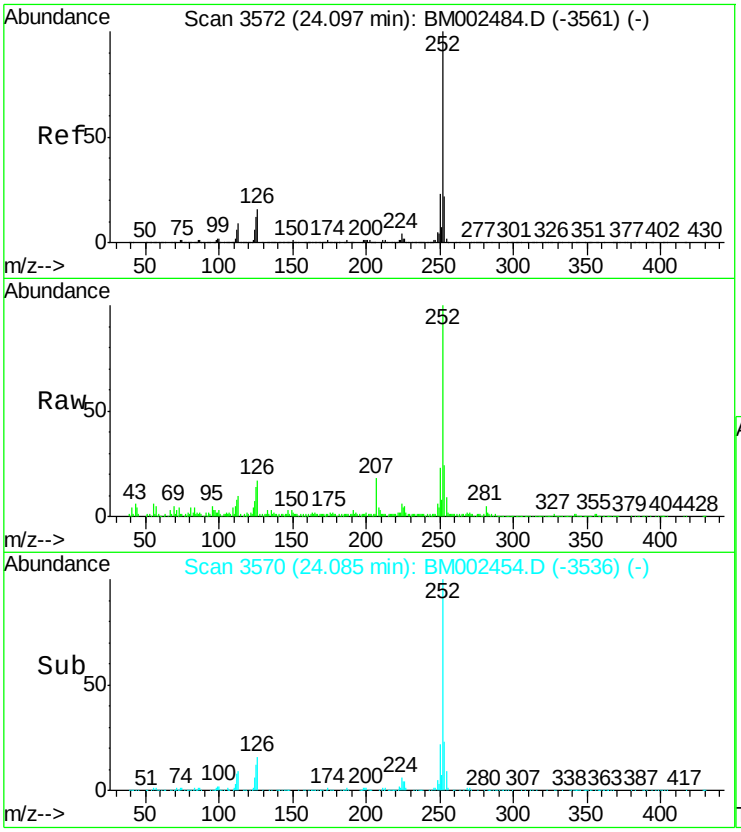


#21
Chrysene
Concen: 11.32 ng/ul
RT: 22.28 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:228 Resp: 290744

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	23.3	15.7	23.5

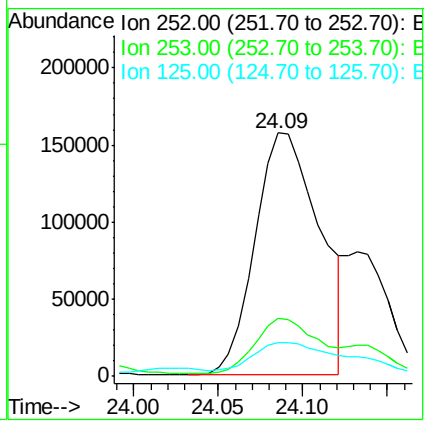




#23
Benzo(b)fluoranthene
Concen: 16.01 ng/ul
RT: 24.09 min Scan# 3570
Delta R.T. 0.00 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:252 Resp: 417774

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	14.0	10.0	15.0



Instrument :
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ClientSampleId :
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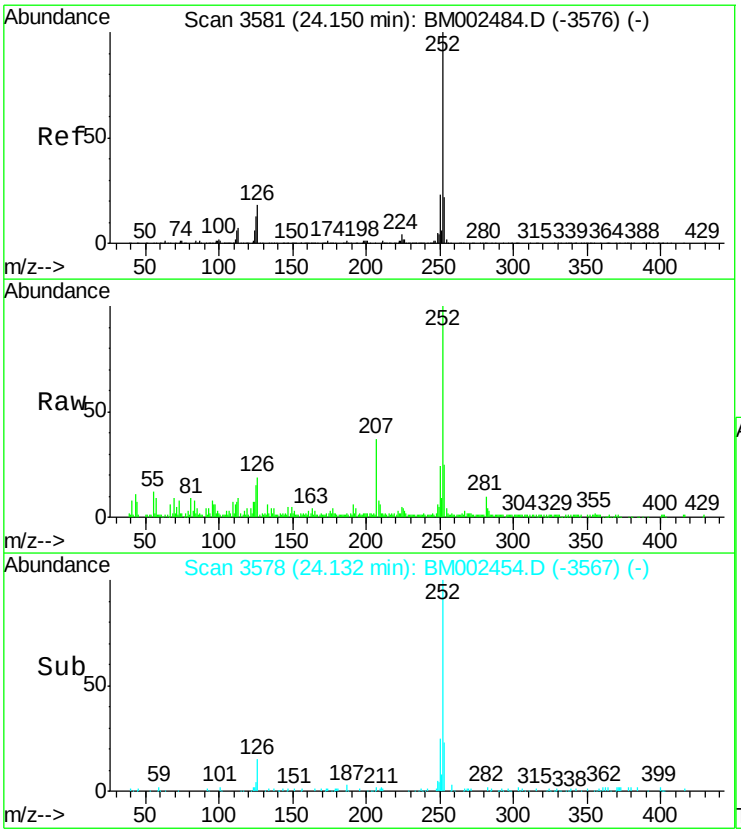
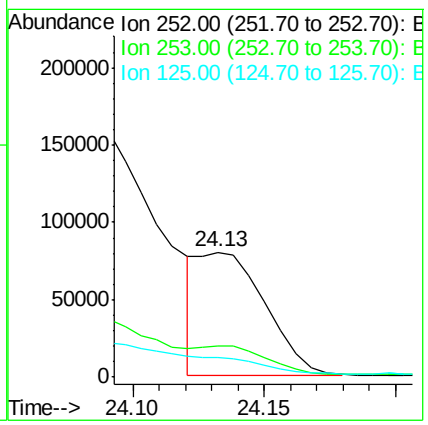
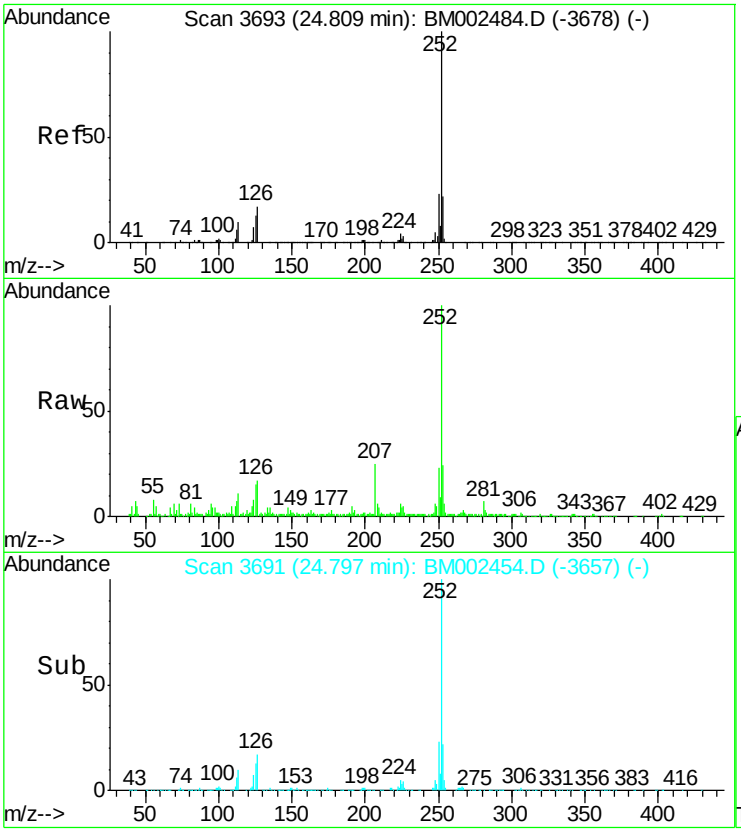


#24
Benzo(k)fluoranthene
Concen: 5.72 ng/ul m
RT: 24.13 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:252 Resp: 141553

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	15.5	9.8	14.8#

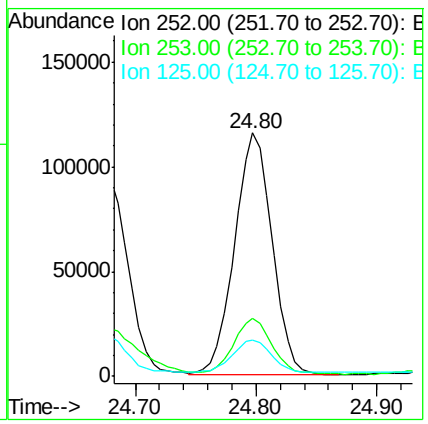




#26
Benzo(a)pyrene
Concen: 10.01 ng/ul
RT: 24.80 min Scan# 3691
Delta R.T. 0.00 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:252 Resp: 249498

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	15.0	10.7	16.1



Instrument :
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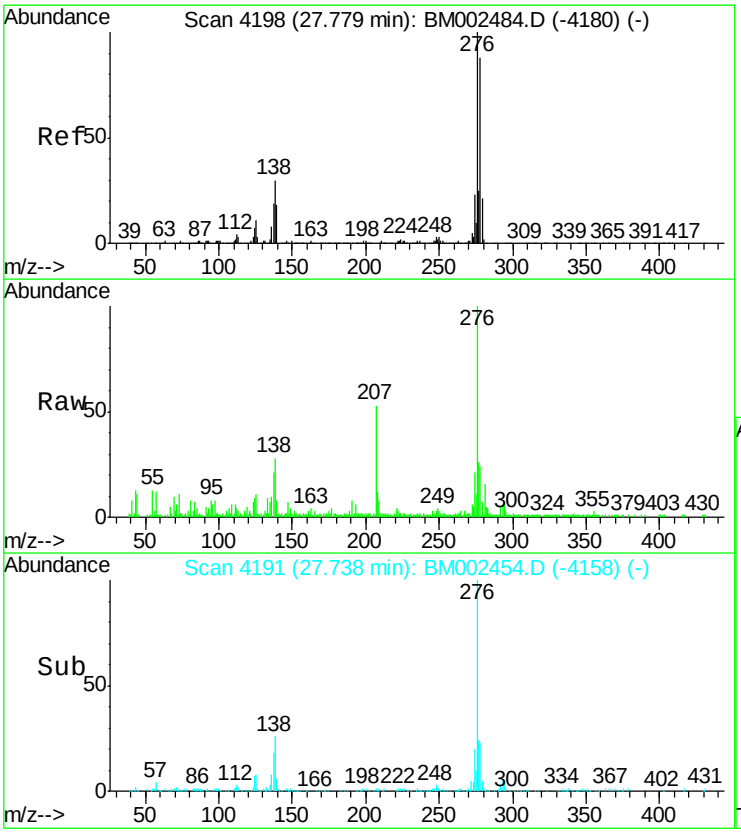
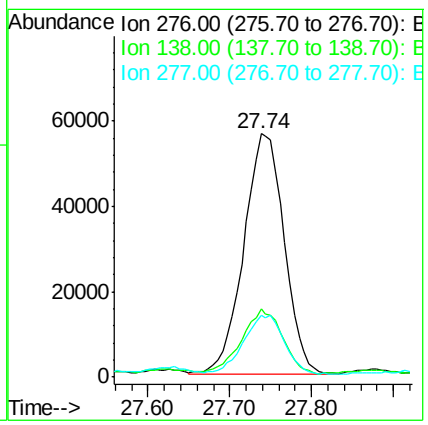
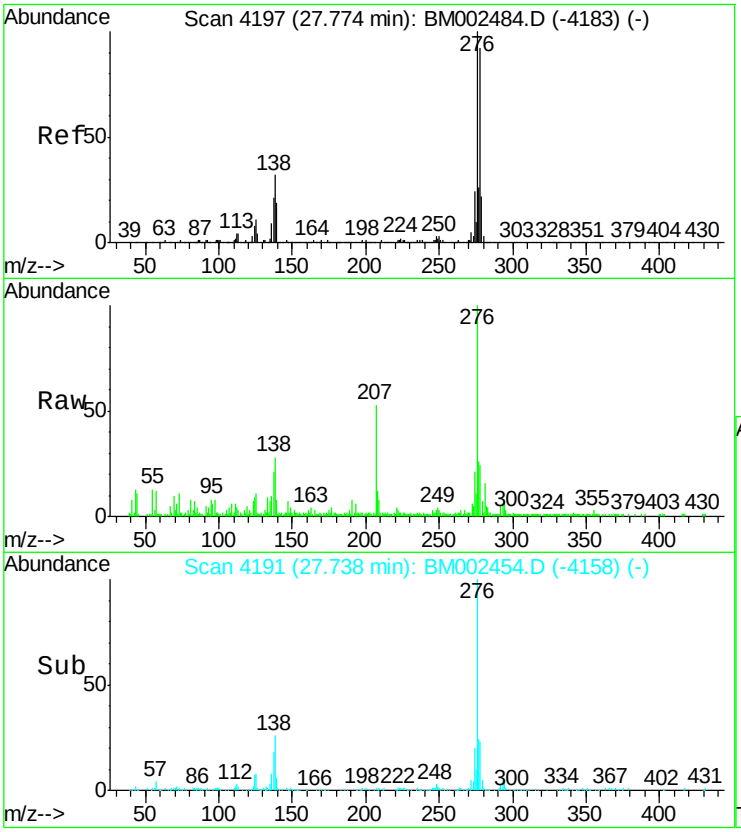


#27
Indeno(1,2,3-cd)pyrene
Concen: 6.72 ng/ul
RT: 27.74 min Scan# 4191
Delta R.T. -0.01 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:276 Resp: 192536

Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.3	37.9
277	25.6	20.2	30.2

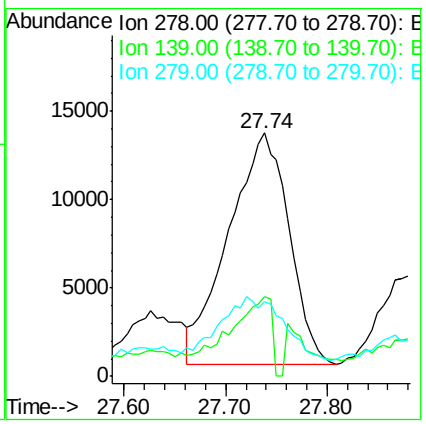




#28
Dibenzo(a,h)anthracene
Concen: 2.26 ng/ul
RT: 27.74 min Scan# 4191
Delta R.T. -0.01 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

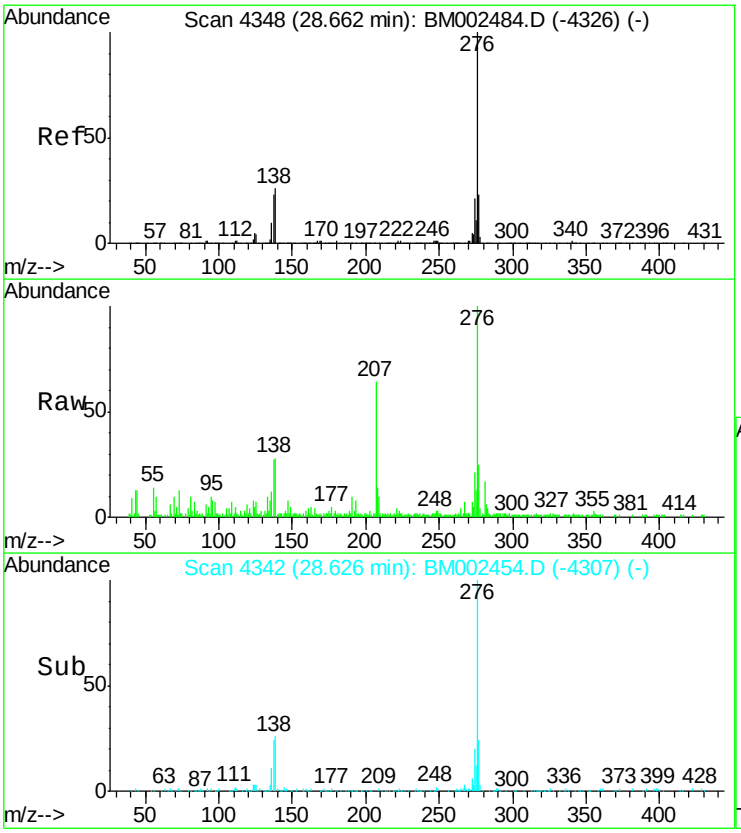
Tgt Ion:278 Resp: 54240

Ion	Ratio	Lower	Upper
278	100		
139	32.6	16.5	24.7#
279	30.6	18.8	28.2#



Instrument :
BNA_M
ClientSampleId :
D9DC5MS

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:15:42 PM



#29
Benzo(g,h,i)perylene
Concen: 6.99 ng/ul
RT: 28.63 min Scan# 4342
Delta R.T. 0.01 min
Lab File: BM002454.D
Acq: 17 Aug 2015 16:48

Tgt Ion:276 Resp: 166790

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.0	31.6
277	25.2	19.2	28.8