Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002297.D
Acq On : 09 Aug 2015 03:58
Operator : TP/UM
Sample : G3161-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 09 07:05:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 06:16:29 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : D9C57RE

Manual Integrations APPROVED
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8/10/2015 7:15:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	281824	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1360334	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	719418	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.22	188	1420831	20.00	ng/ul	0.00
17) Chrysene-d12	22.30	240	1104759	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	978501	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.21	160	2176434	29.20	ng/ul	0.00
10) Fluorene-d10	16.47	176	1422205	27.44	ng/ul	0.00
14) Anthracene-d10	18.31	188	2020922	29.31	ng/ul	0.00
18) Pyrene-d10	20.53	212	1855246	34.63	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.83	264	1517901	29.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.85	128	539064	7.53	ng/ul	100
4) 2-Methylnaphthalene	13.39	142	183660	3.59	ng/ul	98
5) 1-Methylnaphthalene	13.60	142	141541	2.81	ng/ul	98
9) Acenaphthene	15.56	153	443329	8.52	ng/ul	98
11) Fluorene	16.53	166	514498	8.78	ng/ul	99
13) Phenanthrene	18.26	178	6561241	80.23	ng/ul	97
15) Anthracene	18.34	178	1735109	20.54	ng/ul	99
16) Fluoranthene	20.20	202	6520110	72.01	ng/ul#	92
19) Pyrene	20.56	202	5305715	74.29	ng/ul	97
20) Benzo(a)anthracene	22.28	228	2202081	32.65	ng/ul	99
21) Chrysene	22.34	228	1964947	30.75	ng/ul	96
23) Benzo(b)fluoranthene	24.17	252	2221714	36.53	ng/ul	98
24) Benzo(k)fluoranthene	24.21	252	821723m	14.07	ng/ul	
26) Benzo(a)pyrene	24.88	252	1585274	27.24	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.85	276	1077795	16.16	ng/ul	93
28) Dibenzo(a,h)anthracene	27.86	278	261281	4.62	ng/ul#	78
29) Benzo(g,h,i)perylene	28.74	276	1071754	19.04	ng/ul	97

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

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Manual Integrations APPROVED
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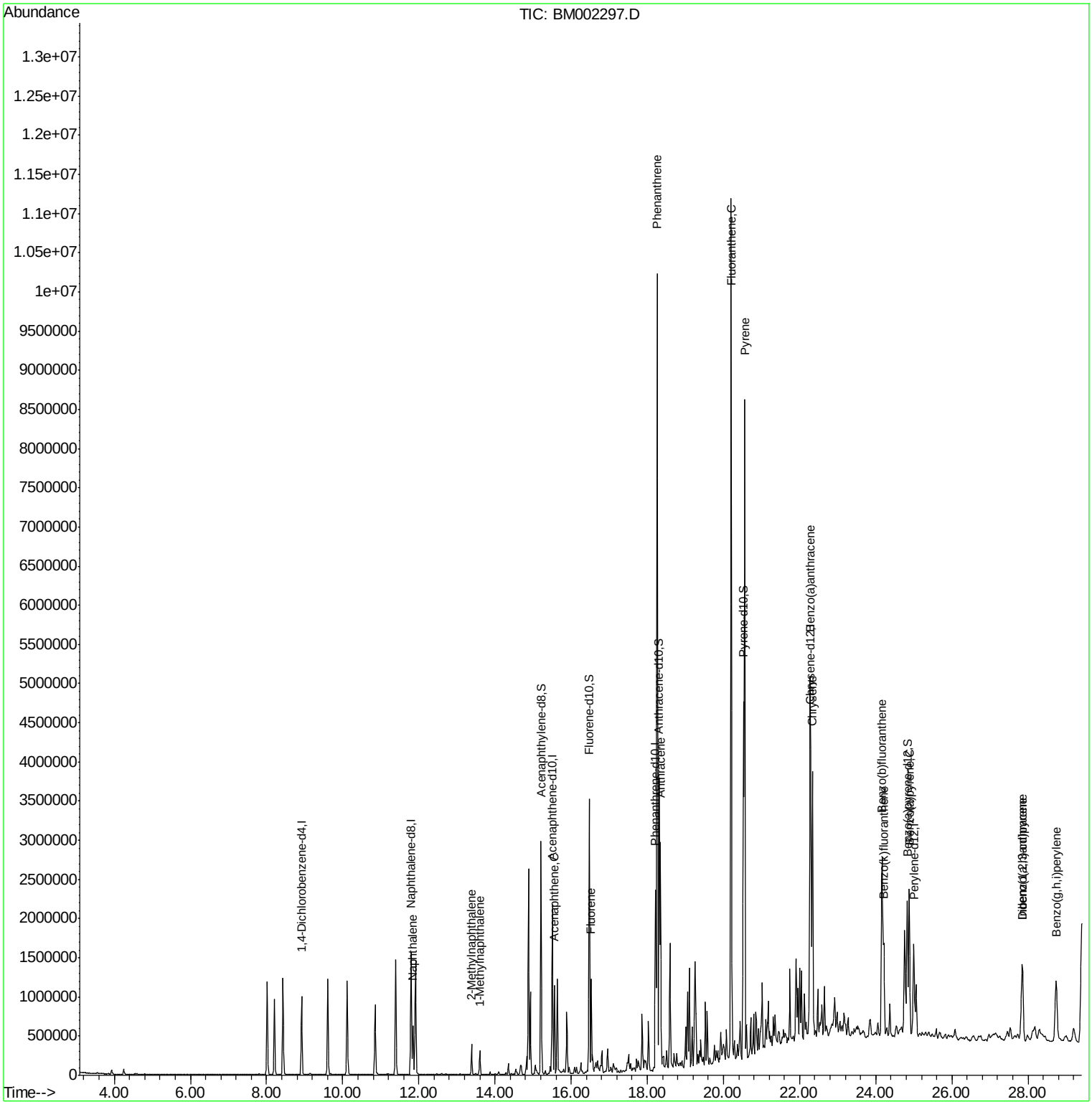
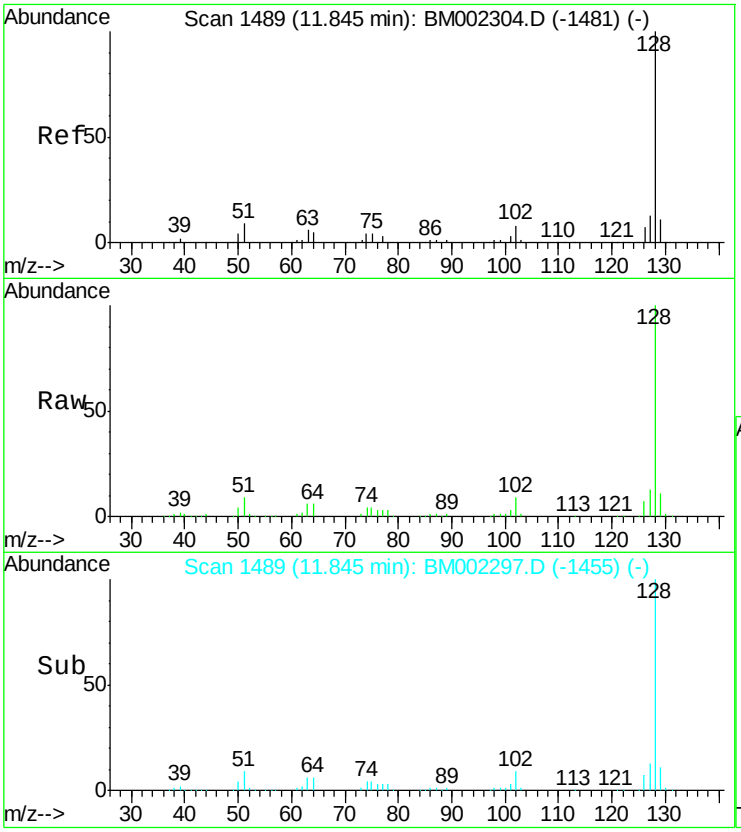
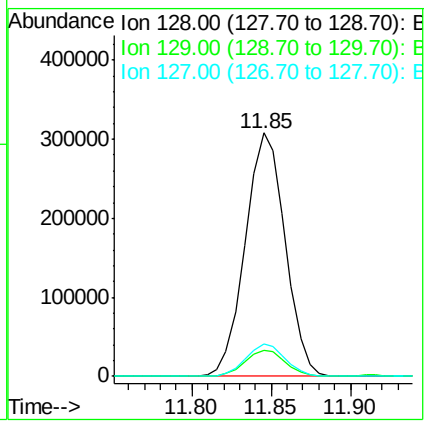




#3
Naphthalene
Concen: 7.53 ng/ul
RT: 11.85 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:128 Resp: 539064

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.2	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
D9C57RE

Manual Integrations APPROVED
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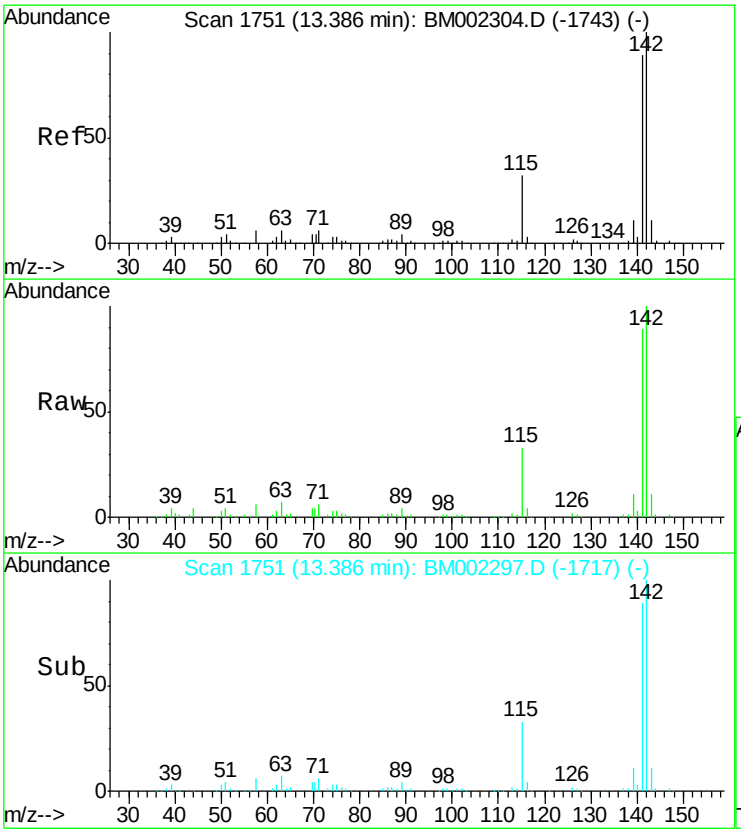
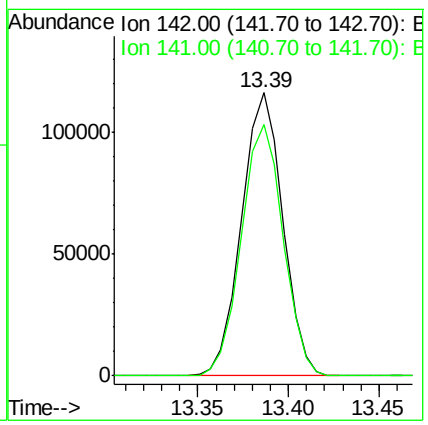
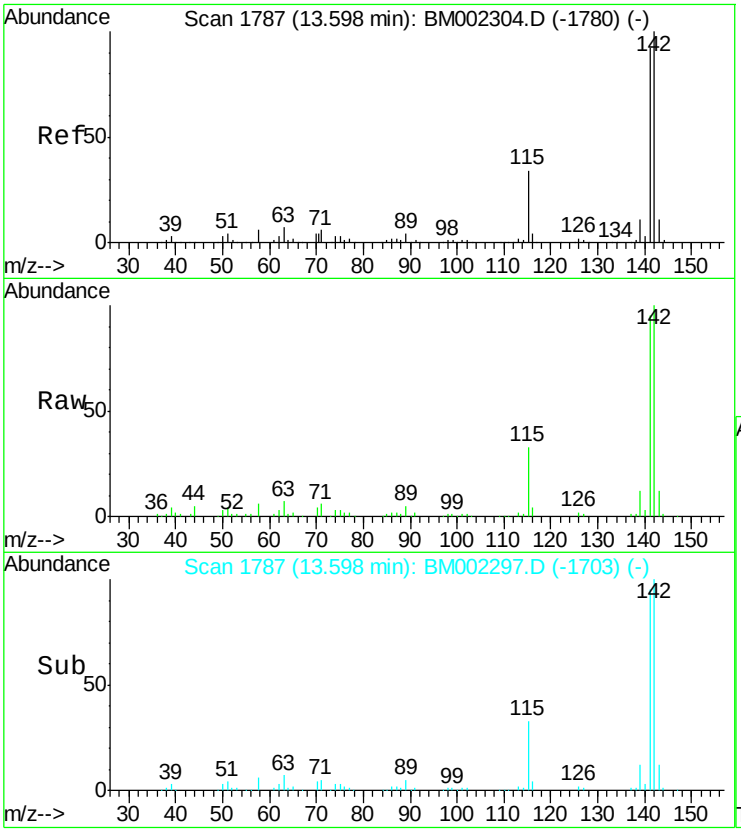


#4
2-Methylnaphthalene
Concen: 3.59 ng/ul
RT: 13.39 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:142 Resp: 183660

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.5	108.7

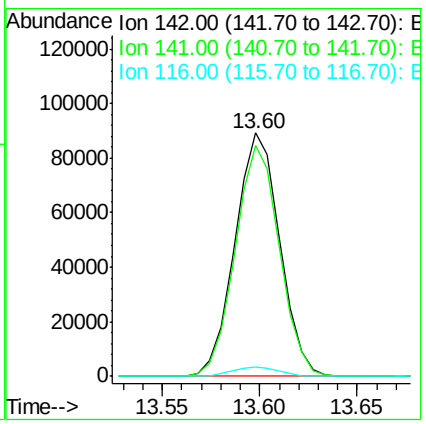




#5
1-Methylnaphthalene
Concen: 2.81 ng/ul
RT: 13.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:142 Resp: 141541

Ion	Ratio	Lower	Upper
142	100		
141	94.6	74.5	111.7
116	3.9	3.0	4.4



Instrument :
BNA_M
ClientSampleId :
D9C57RE

Manual Integrations APPROVED
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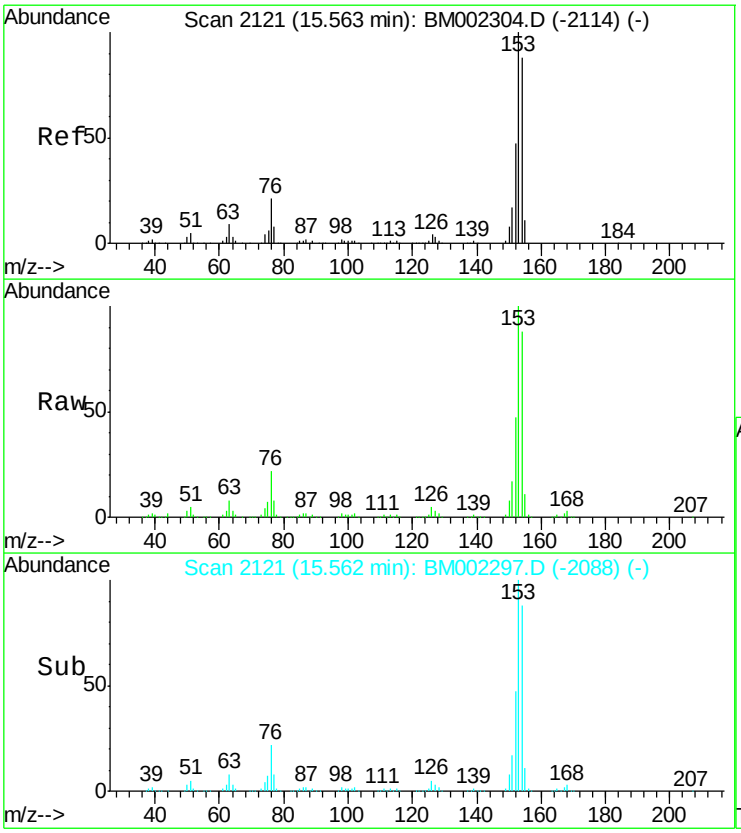
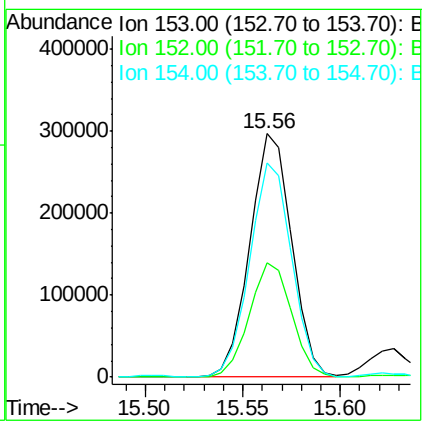
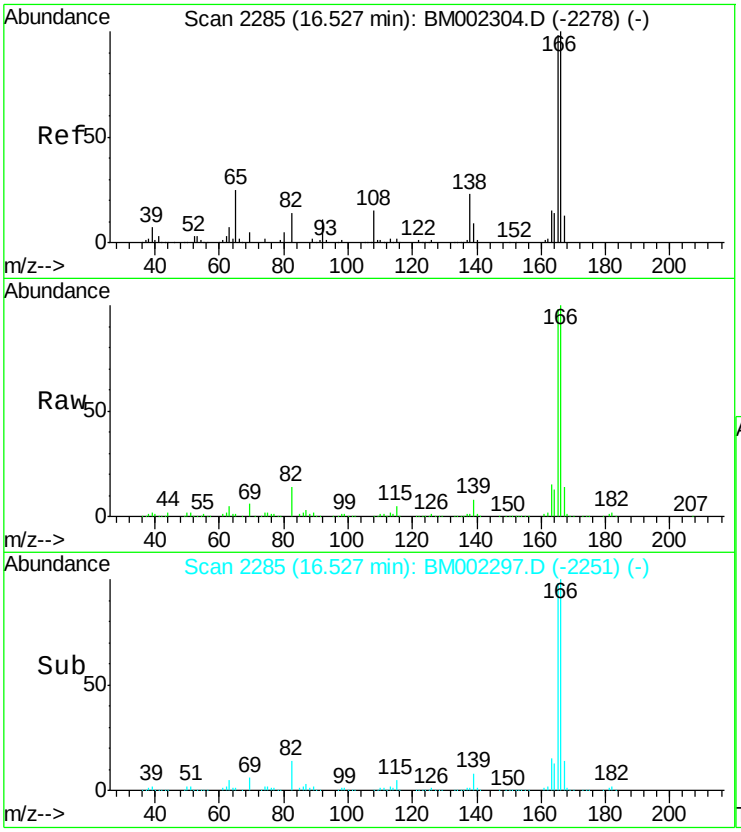


#9
Acenaphthene
Concen: 8.52 ng/ul
RT: 15.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:153 Resp: 443329

Ion	Ratio	Lower	Upper
153	100		
152	46.7	36.6	55.0
154	87.8	71.5	107.3

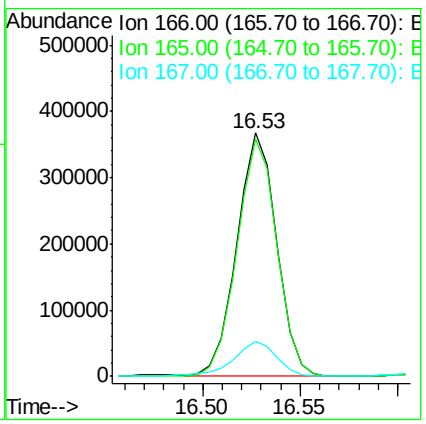




#11
Fluorene
Concen: 8.78 ng/ul
RT: 16.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:166 Resp: 514498

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.5	116.3
167	14.2	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
D9C57RE

Manual Integrations APPROVED
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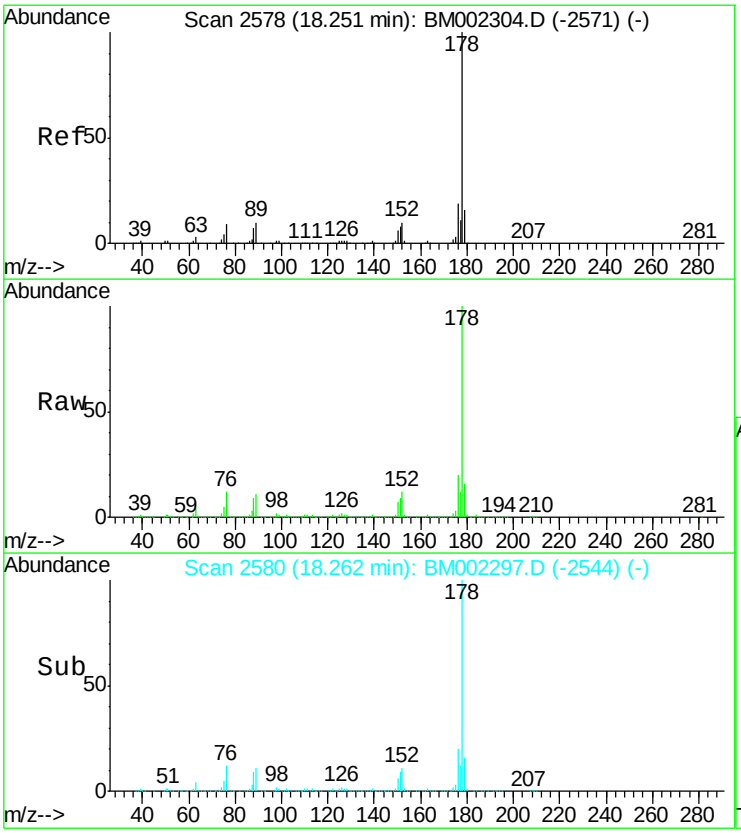
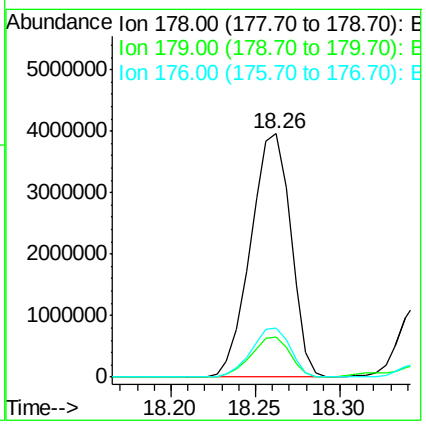
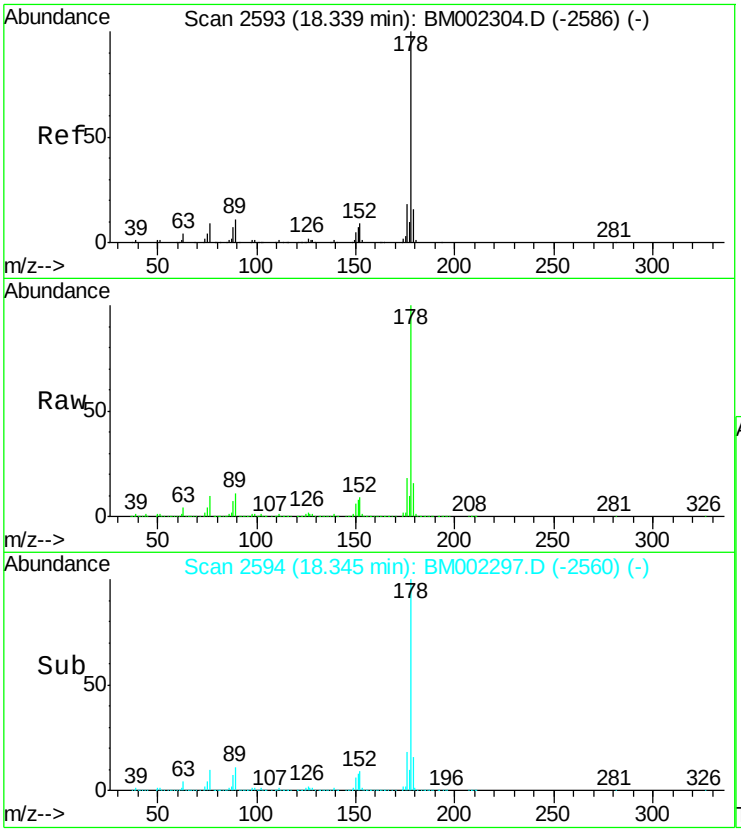


#13
Phenanthrene
Concen: 80.23 ng/ul
RT: 18.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:178 Resp: 6561241

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	20.4	15.3	22.9





#15
Anthracene
Concen: 20.54 ng/ul
RT: 18.34 min Scan# 2594
Delta R.T. 0.00 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:178 Resp: 1735109

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.3	14.5	21.7

Instrument :
BNA_M
ClientSampleId :
D9C57RE

Manual Integrations APPROVED
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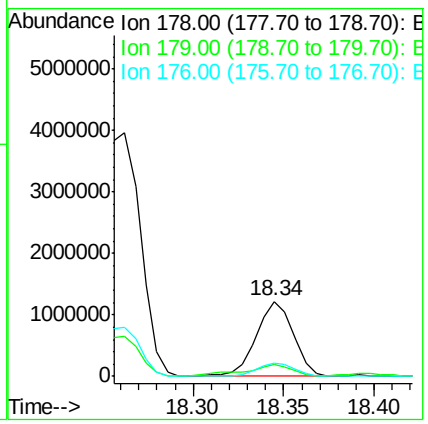
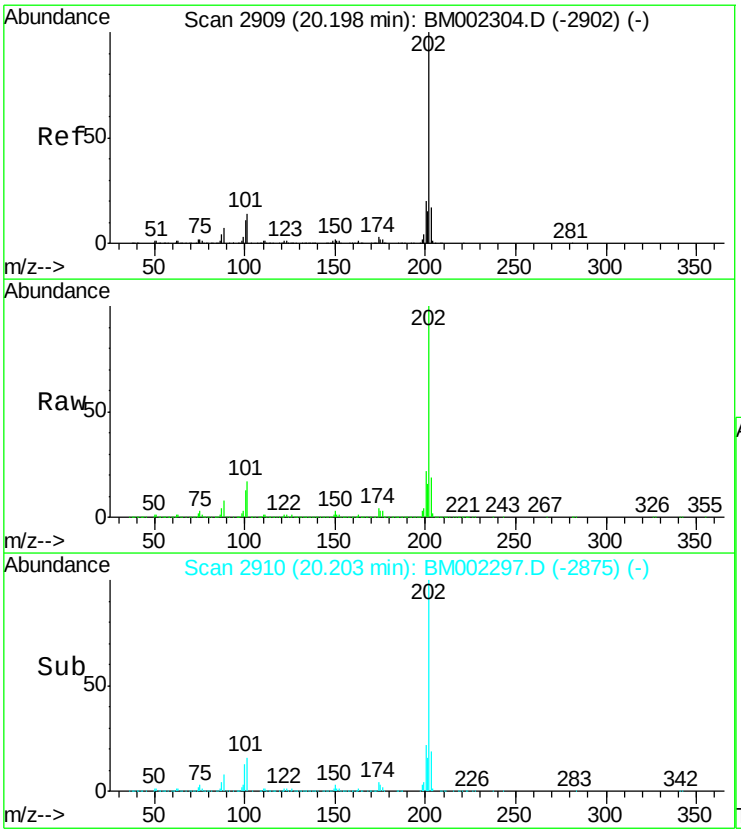
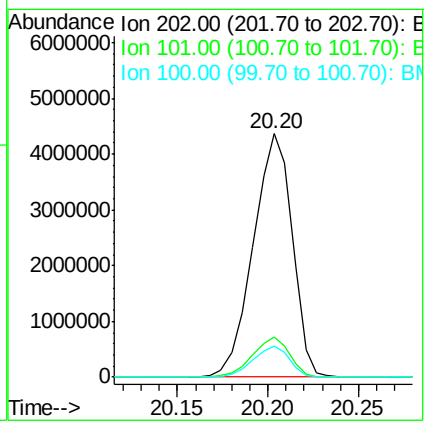


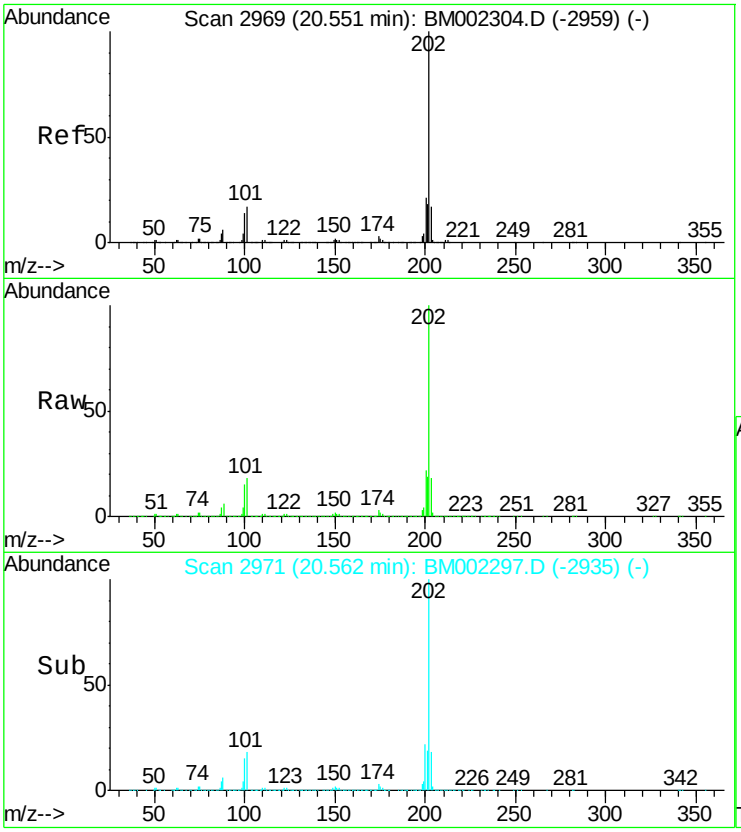


#16
Fluoranthene
Concen: 72.01 ng/ul
RT: 20.20 min Scan# 2910
Delta R.T. 0.01 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:202 Resp: 6520110

Ion	Ratio	Lower	Upper
202	100		
101	16.6	10.6	15.8#
100	12.9	8.2	12.4#

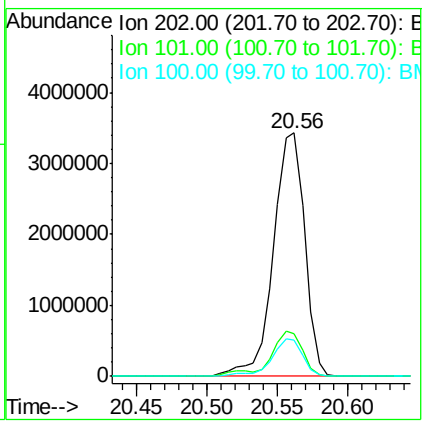




#19
Pyrene
Concen: 74.29 ng/ul
RT: 20.56 min Scan# 2971
Delta R.T. 0.01 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:202 Resp: 5305715

Ion	Ratio	Lower	Upper
202	100		
101	17.7	13.0	19.6
100	14.8	11.0	16.4



Instrument :
BNA_M
ClientSampleId :
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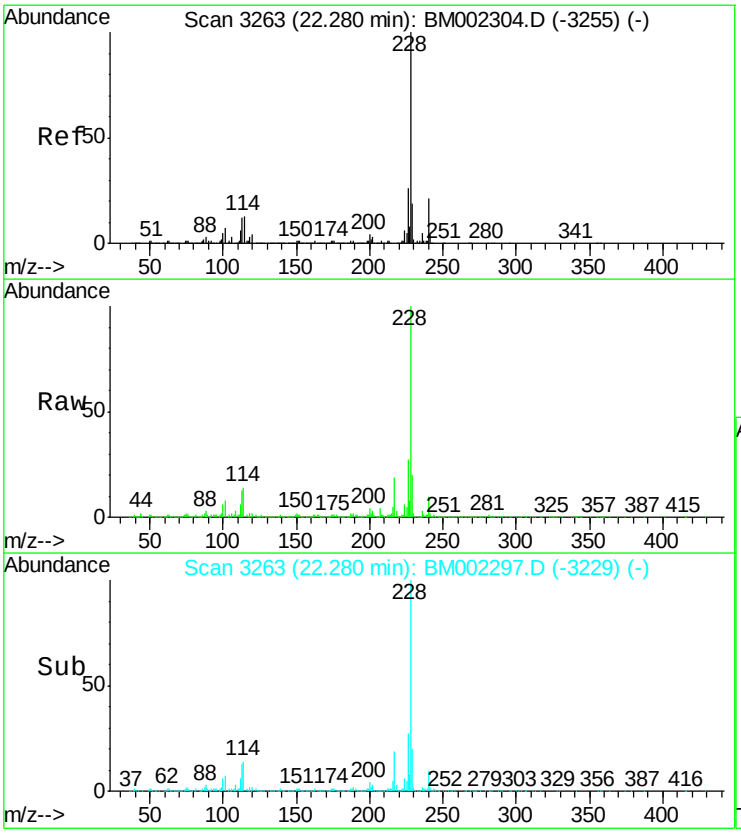
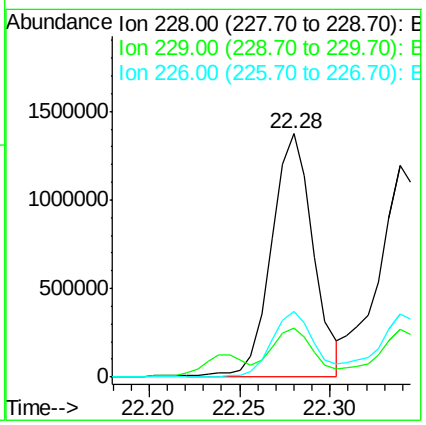
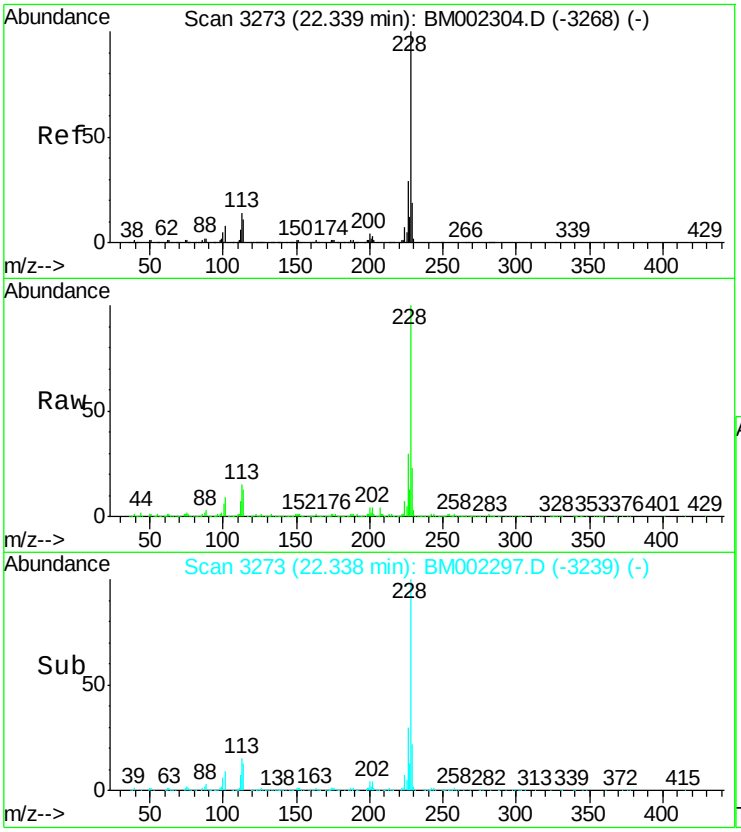


#20
Benzo(a)anthracene
Concen: 32.65 ng/ul
RT: 22.28 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:228 Resp: 2202081

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	26.9	21.4	32.0

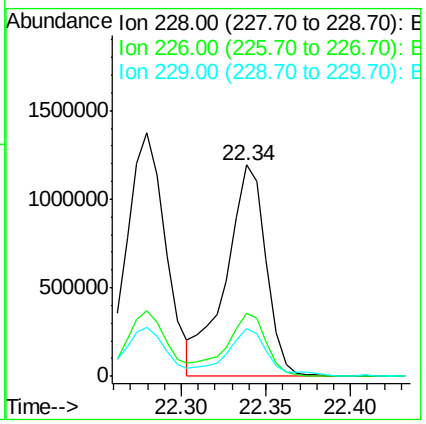




#21
Chrysene
Concen: 30.75 ng/ul
RT: 22.34 min Scan# 3273
Delta R.T. -0.00 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:228 Resp: 1964947

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	22.7	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
D9C57RE

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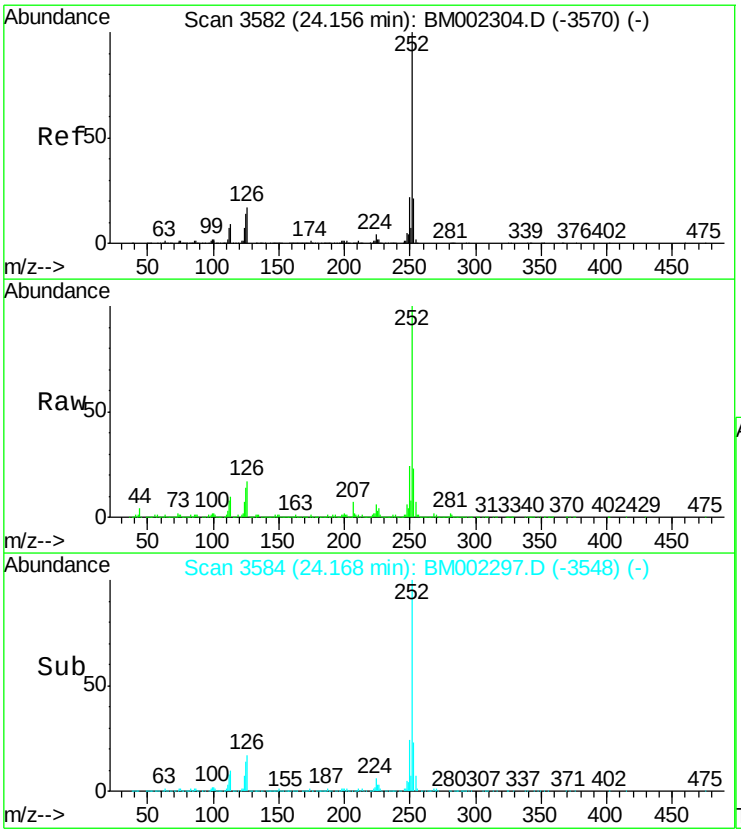
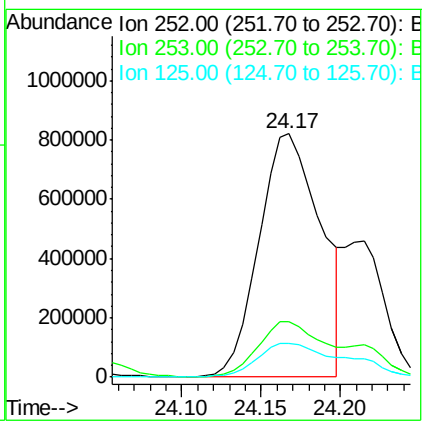
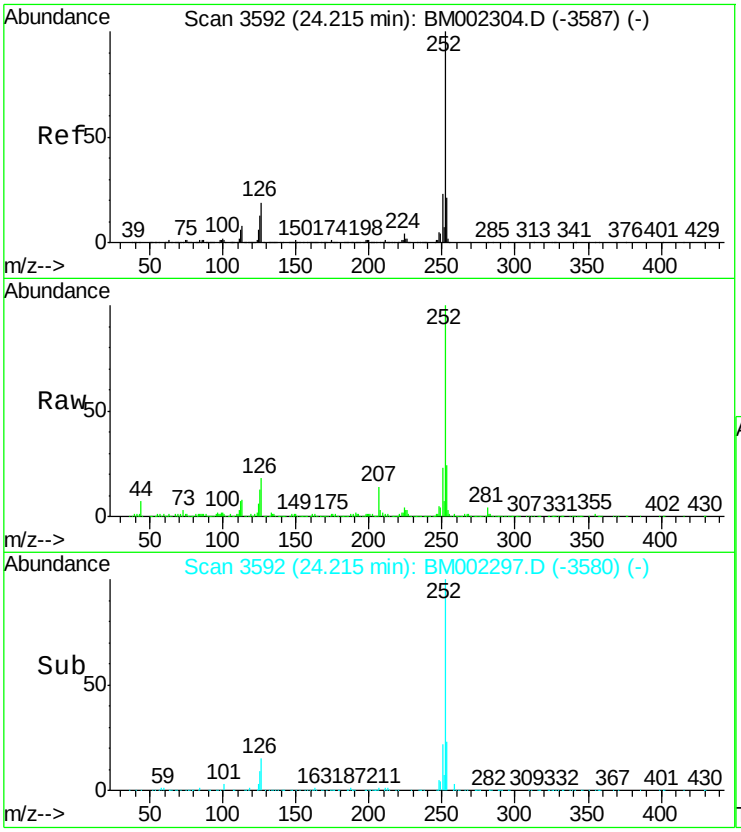


#23
Benzo(b)fluoranthene
Concen: 36.53 ng/ul
RT: 24.17 min Scan# 3584
Delta R.T. 0.01 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:252 Resp: 2221714

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	14.1	10.3	15.5

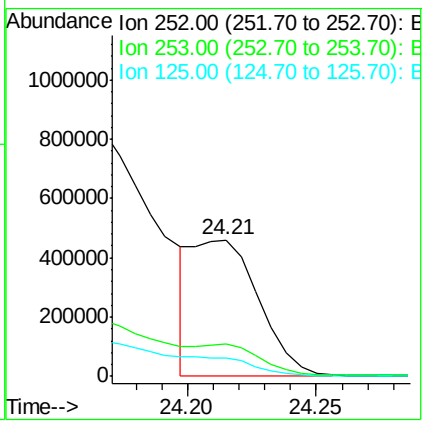




#24
Benzo(k)fluoranthene
Concen: 14.07 ng/ul m
RT: 24.21 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:252 Resp: 821723

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	13.4	10.2	15.4



Instrument :
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ClientSampleId :
D9C57RE

Manual Integrations APPROVED
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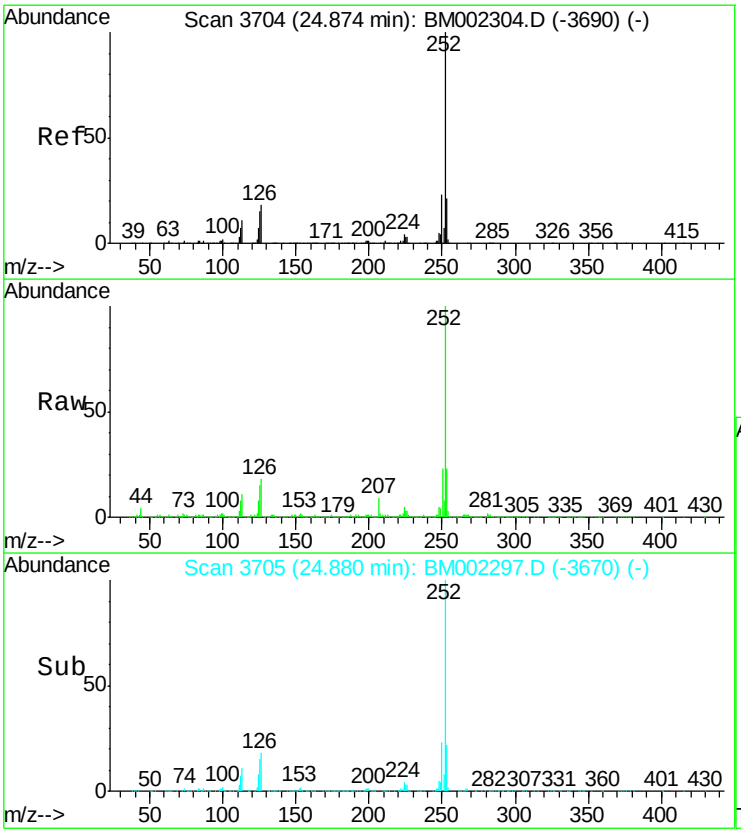
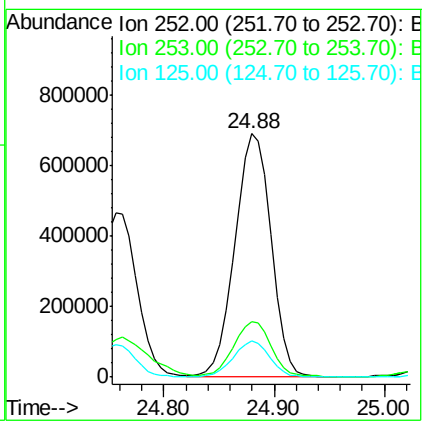
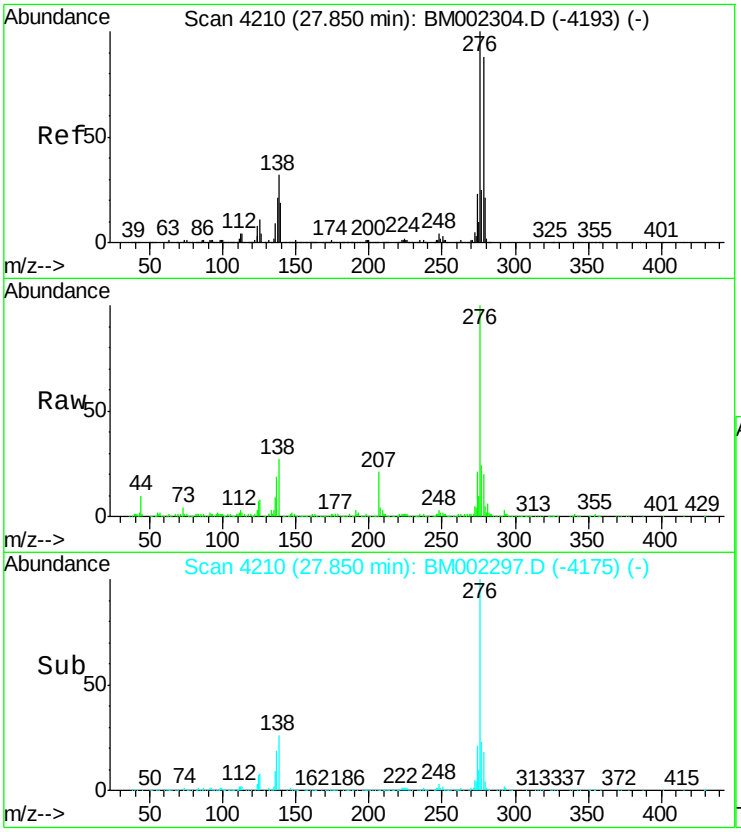


#26
Benzo(a)pyrene
Concen: 27.24 ng/ul
RT: 24.88 min Scan# 3705
Delta R.T. 0.01 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:252 Resp: 1585274

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	14.9	11.0	16.6

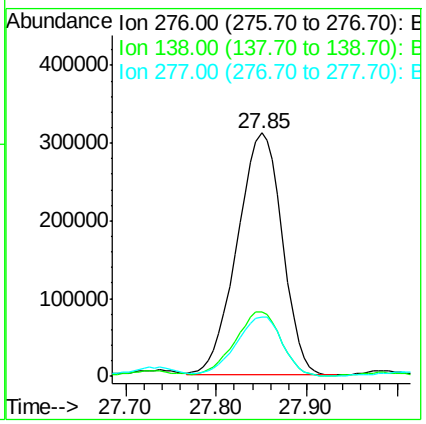




#27
Indeno(1,2,3-cd)pyrene
Concen: 16.16 ng/ul
RT: 27.85 min Scan# 4210
Delta R.T. 0.01 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:276 Resp: 1077795

Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.6	38.4
277	24.4	21.0	31.4



Instrument :
BNA_M
ClientSampleId :
D9C57RE

Manual Integrations APPROVED
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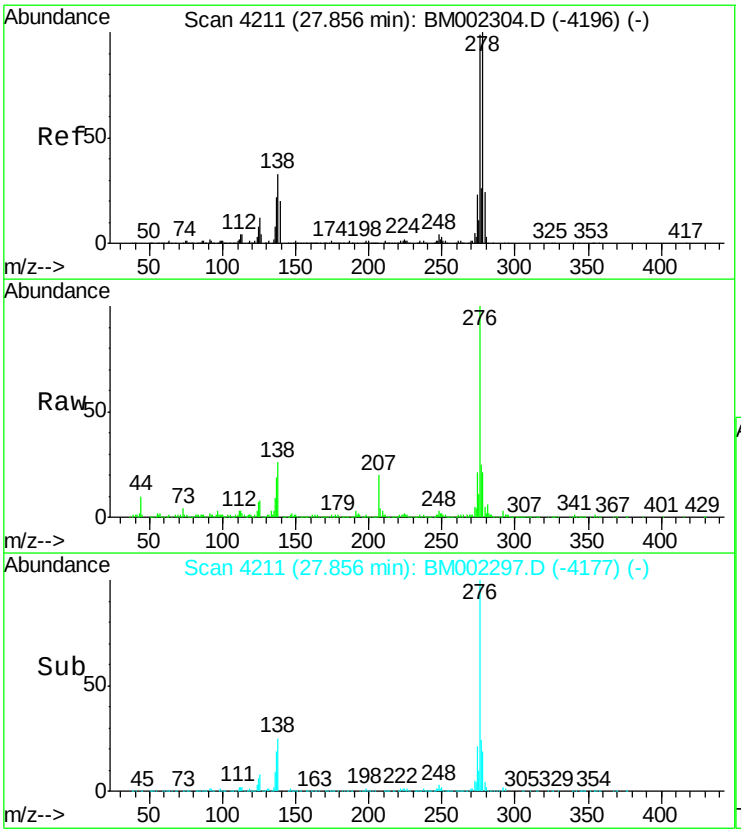
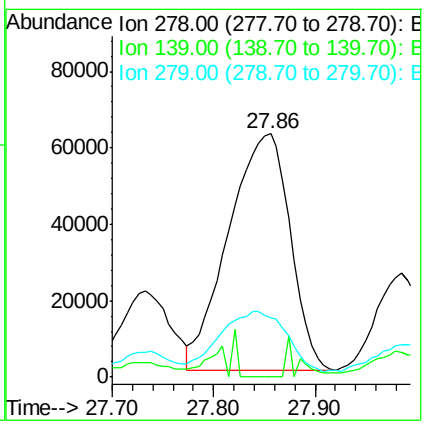
8/10/2015 7:15:31 PM

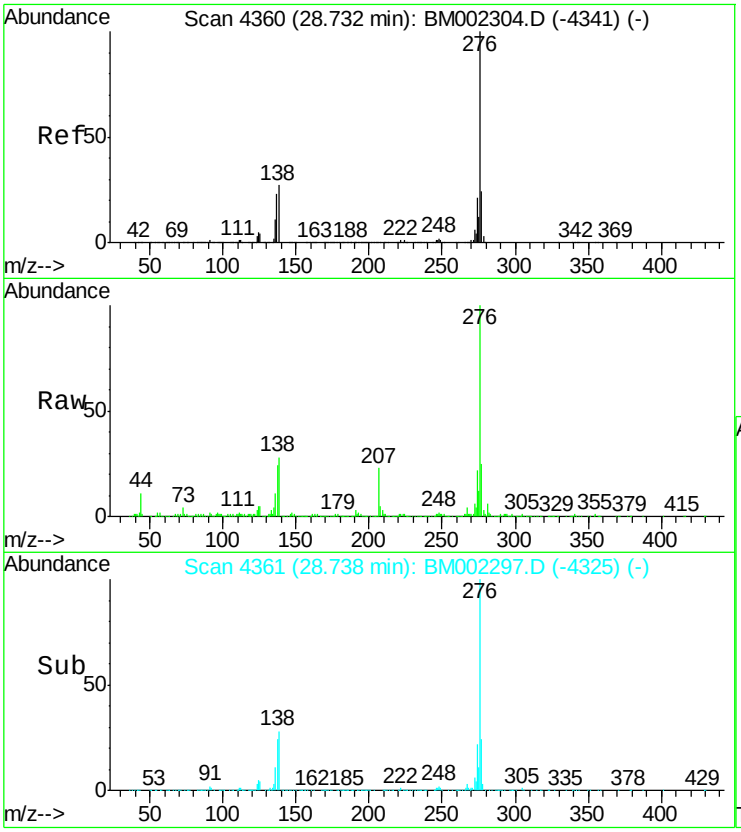


#28
Dibenzo(a,h)anthracene
Concen: 4.62 ng/ul
RT: 27.86 min Scan# 4211
Delta R.T. -0.00 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:278 Resp: 261281

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.4	24.6#
279	24.5	18.8	28.2

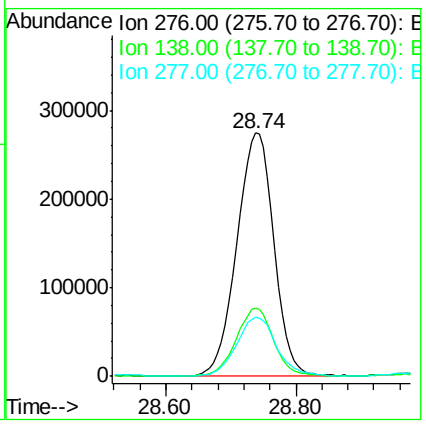




#29
Benzo(g,h,i)perylene
Concen: 19.04 ng/ul
RT: 28.74 min Scan# 4361
Delta R.T. 0.01 min
Lab File: BM002297.D
Acq: 09 Aug 2015 03:58

Tgt Ion:276 Resp: 1071754

Ion	Ratio	Lower	Upper
276	100		
138	27.9	20.5	30.7
277	24.6	19.0	28.6



Instrument :
BNA_M
ClientSampleId :
D9C57RE

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:15:31 PM