Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070116\
Data File : BM006178.D
Acq On : 01 Jul 2016 12:26
Operator : UM/SJ
Sample : H3780-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YF4MSD

Manual Integrations APPROVED
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Quant Time: Jul 01 17:50:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	385201	20.00	ng/ul	0.00
7) Naphthalene-d8	10.45	136	1750209	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.32	164	985232	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.07	188	2092282	20.00	ng/ul	0.02
29) Chrysene-d12	21.27	240	1382892	20.00	ng/ul	0.02
34) Perylene-d12	23.50	264	1566996	20.00	ng/ul	0.04
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	9892	1.19	ng/uL	0.00
3) Phenol-d5	6.85	99	641272	20.38	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.00	67	375684	20.25	ng/ul	0.00
5) 2-Chlorophenol-d4	7.20	132	483982	20.04	ng/ul	0.01
6) 4-Methylphenol-d8	8.37	113	526898	20.80	ng/ul	0.01
8) Nitrobenzene-d5	8.82	128	252607	21.43	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	292635	21.69	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.07	165	518997	21.08	ng/ul	0.02
12) 4-Chloroaniline-d4	10.59	131	374685	19.26	ng/ul	0.01
16) Dimethylphthalate-d6	13.73	166	1547110	21.91	ng/ul	0.01
17) Acenaphthylene-d8	14.00	160	1963745	22.91	ng/ul	0.01
20) 4-Nitrophenol-d4	14.54	143	292568	21.83	ng/ul	0.03
21) Fluorene-d10	15.31	176	1338589	22.21	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.45	200	232724	31.40	ng/ul	0.02
26) Anthracene-d10	17.17	188	1948894	23.22	ng/ul	0.02
30) Pyrene-d10	19.47	212	1721511	30.91	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.36	264	1462876	23.46	ng/ul	0.04
Target Compounds						Qvalue
11) Naphthalene	10.49	128	106089	1.38	ng/ul	99
13) 2-Methylnaphthalene	12.11	142	60758	1.04	ng/ul	98
18) Acenaphthylene	14.03	152	139054	1.55	ng/ul	97
19) Acenaphthene	14.38	153	1351724	23.60	ng/ul	100
22) Fluorene	15.37	166	391202	6.00	ng/ul	99
25) Phenanthrene	17.12	178	5195150	52.47	ng/ul	99
27) Anthracene	17.20	178	1375921	13.52	ng/ul	100
28) Fluoranthene	19.14	202	6947589	57.29	ng/ul	96
31) Pyrene	19.51	202	6621089m	90.77	ng/ul	
32) Benzo(a)anthracene	21.25	228	2850369	39.64	ng/ul	98
33) Chrysene	21.30	228	2804408	42.36	ng/ul	96
35) Benzo(b)fluoranthene	22.84	252	3664904	45.07	ng/ul	98
36) Benzo(k)fluoranthene	22.87	252	1263173m	16.56	ng/ul	
38) Benzo(a)pyrene	23.41	252	2493718	32.46	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.75	276	1989652	24.91	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.75	278	523541	7.92	ng/ul#	90
41) Benzo(g,h,i)perylene	26.44	276	1852151	27.71	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070116\
Data File : BM006178.D
Acq On : 01 Jul 2016 12:26
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Sample : H3780-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 01 17:50:55 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YF4MSD

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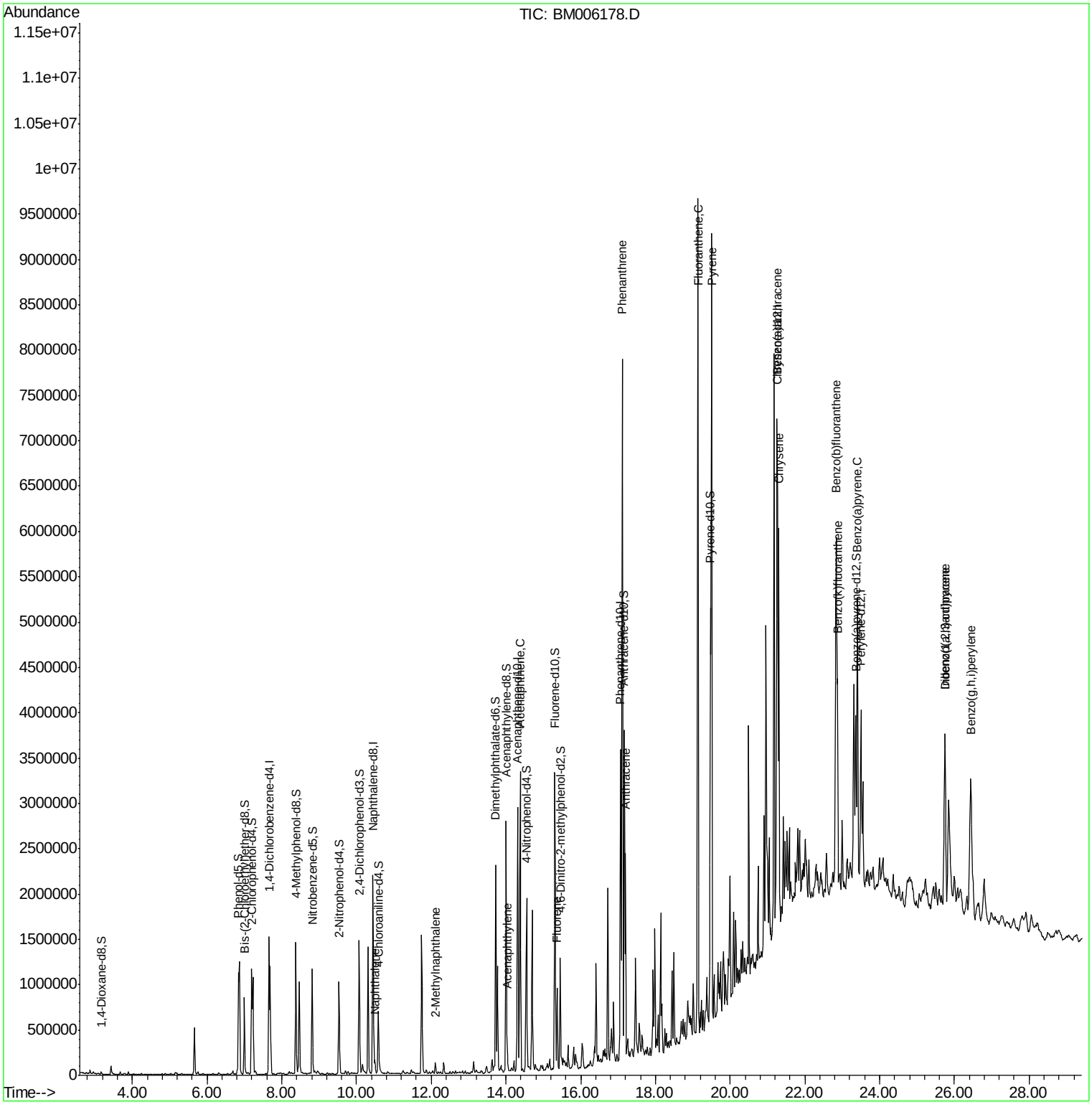
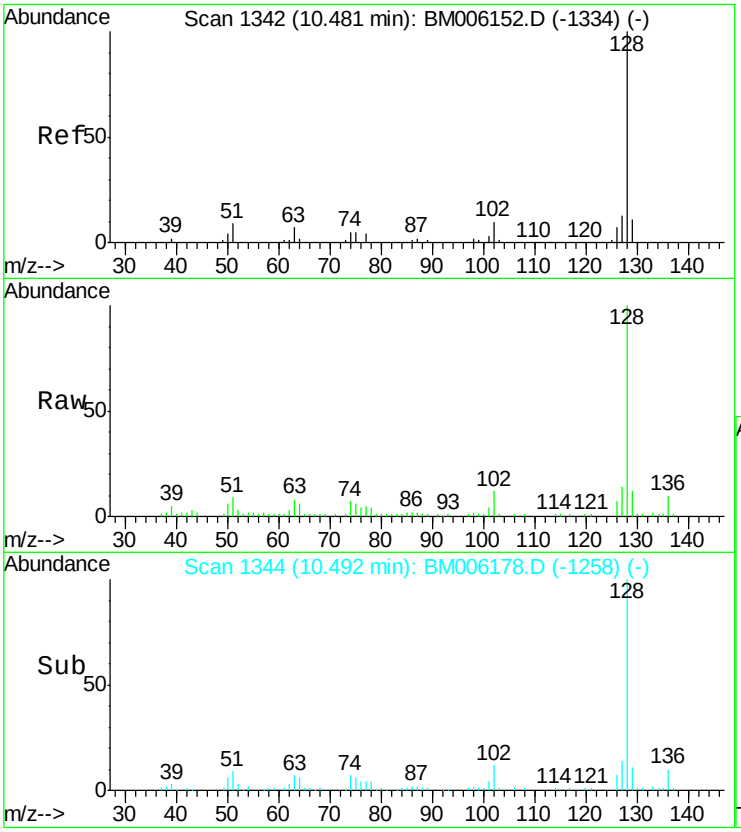
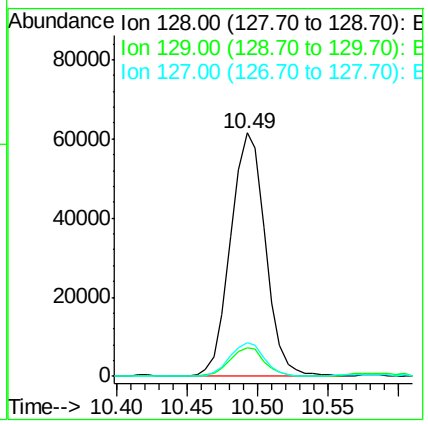




#11
Naphthalene
Concen: 1.38 ng/ul
RT: 10.49 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:128 Resp: 106089

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	13.7	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
D9YF4MSD

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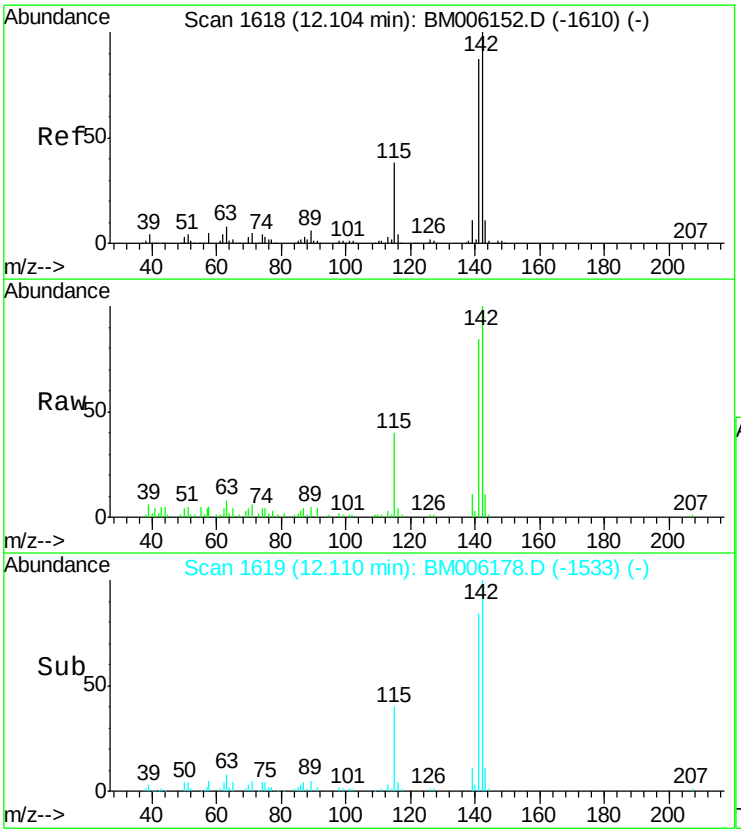
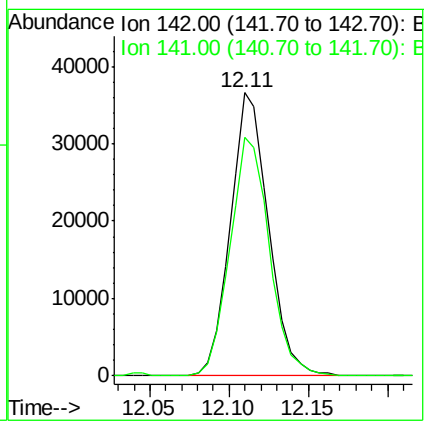
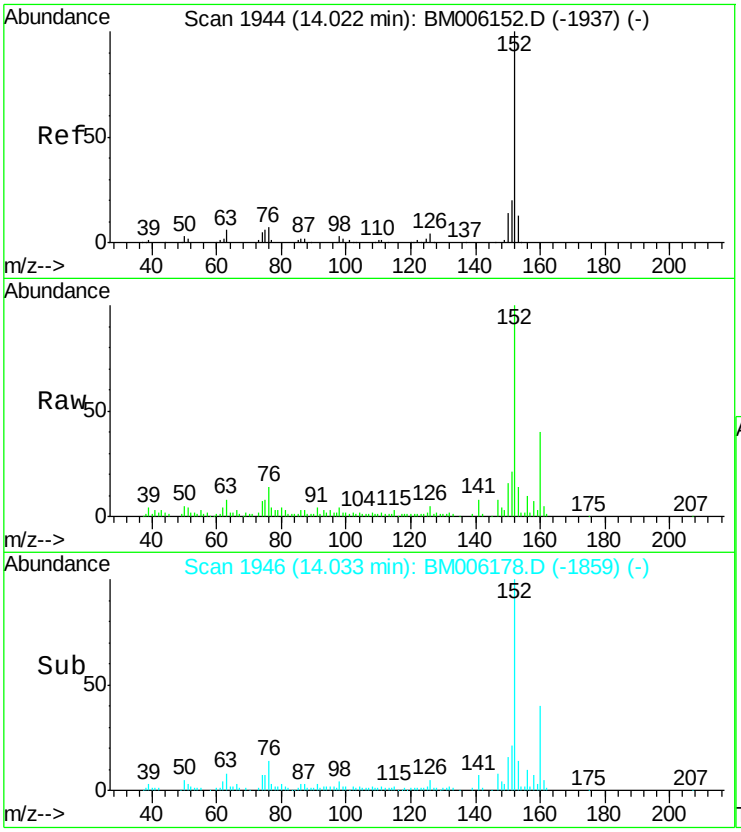


#13
2-Methylnaphthalene
Concen: 1.04 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:142 Resp: 60758

Ion	Ratio	Lower	Upper
142	100		
141	84.2	69.0	103.6

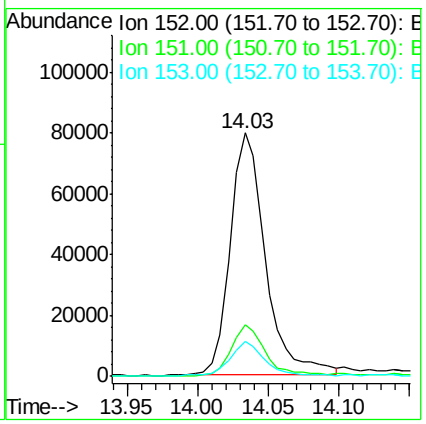




#18
Acenaphthylene
Concen: 1.55 ng/ul
RT: 14.03 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:152 Resp: 139054

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.8	23.6
153	14.4	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
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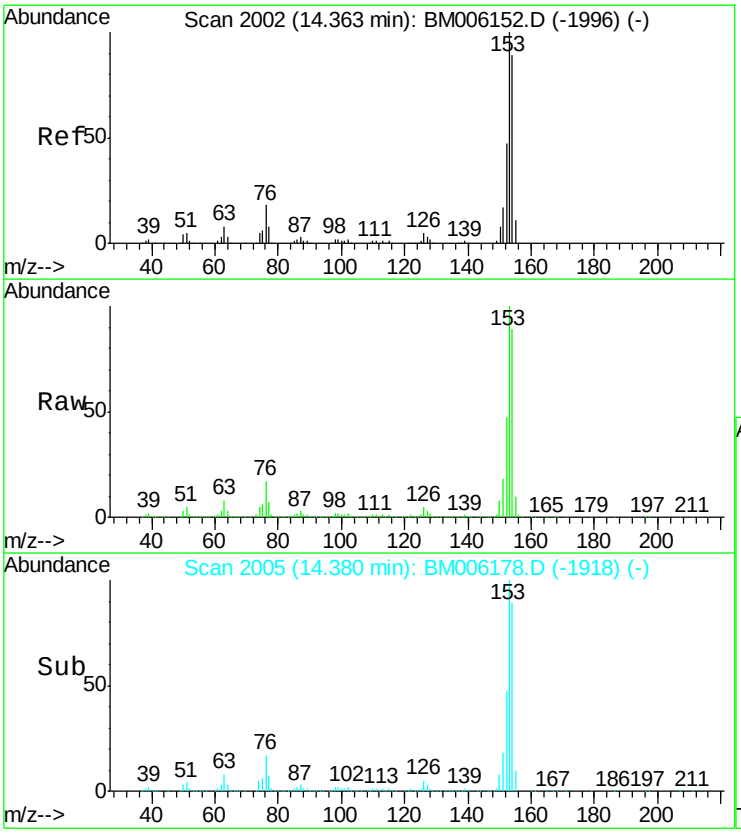
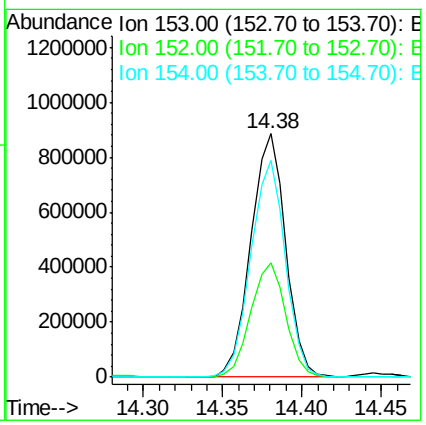
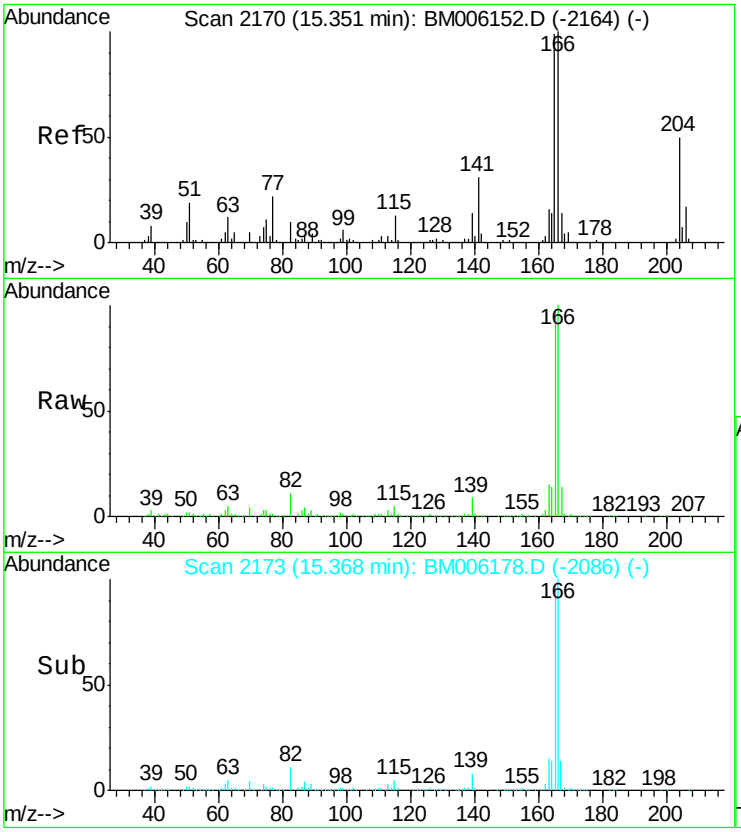


#19
Acenaphthene
Concen: 23.60 ng/ul
RT: 14.38 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:153 Resp: 1351724

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.1	57.1
154	89.3	71.6	107.4

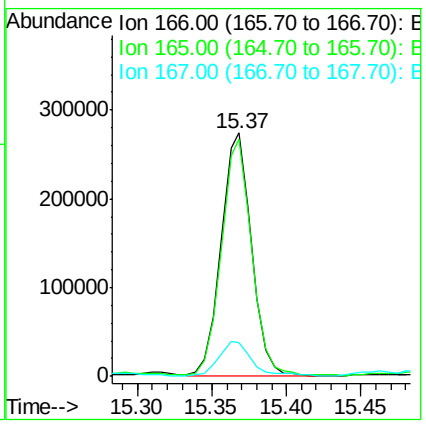




#22
Fluorene
Concen: 6.00 ng/ul
RT: 15.37 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:166 Resp: 391202

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.4	117.6
167	13.9	10.6	16.0



Instrument :
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ClientSampleId :
D9YF4MSD

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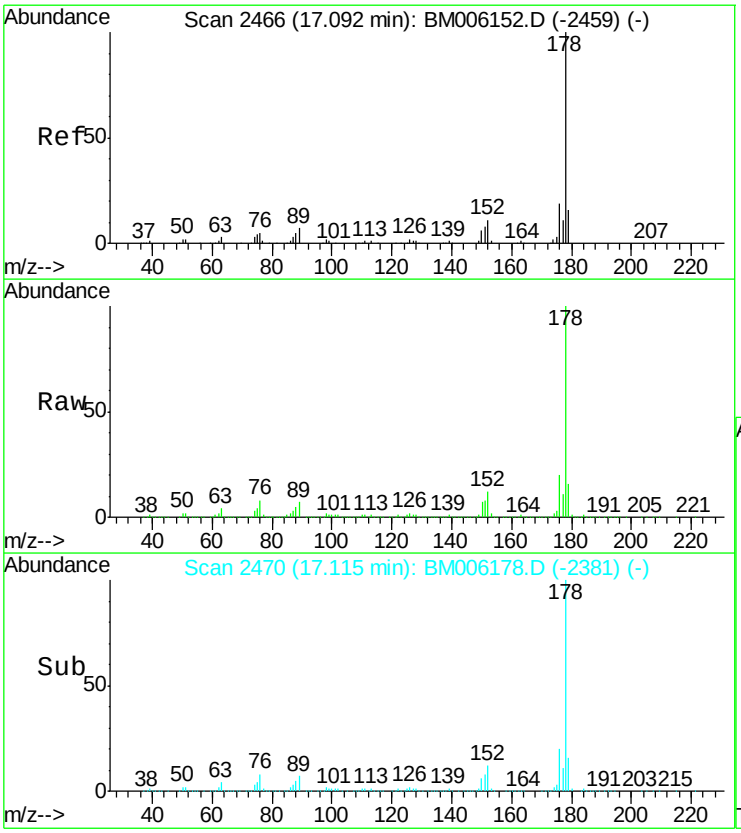
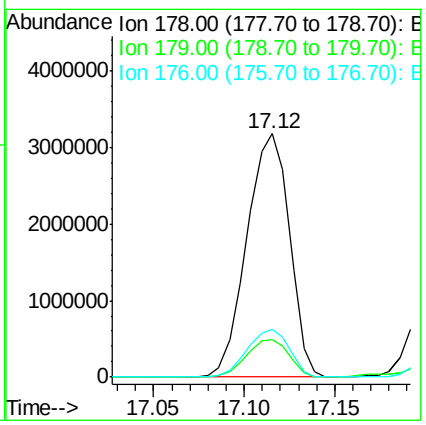
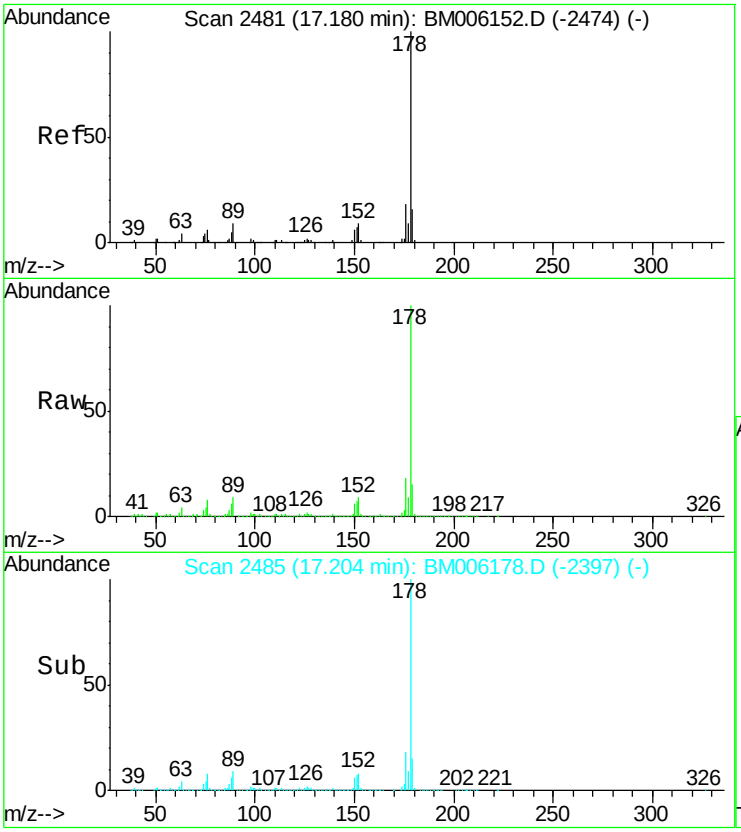


#25
Phenanthrene
Concen: 52.47 ng/ul
RT: 17.12 min Scan# 2470
Delta R.T. 0.02 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:178 Resp: 5195150

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	19.6	15.3	22.9

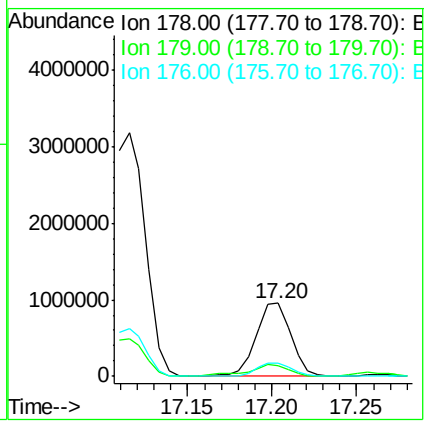




#27
Anthracene
Concen: 13.52 ng/ul
RT: 17.20 min Scan# 2485
Delta R.T. 0.02 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:178 Resp: 1375921

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.5	14.6	22.0



Instrument :
BNA_M
ClientSampleId :
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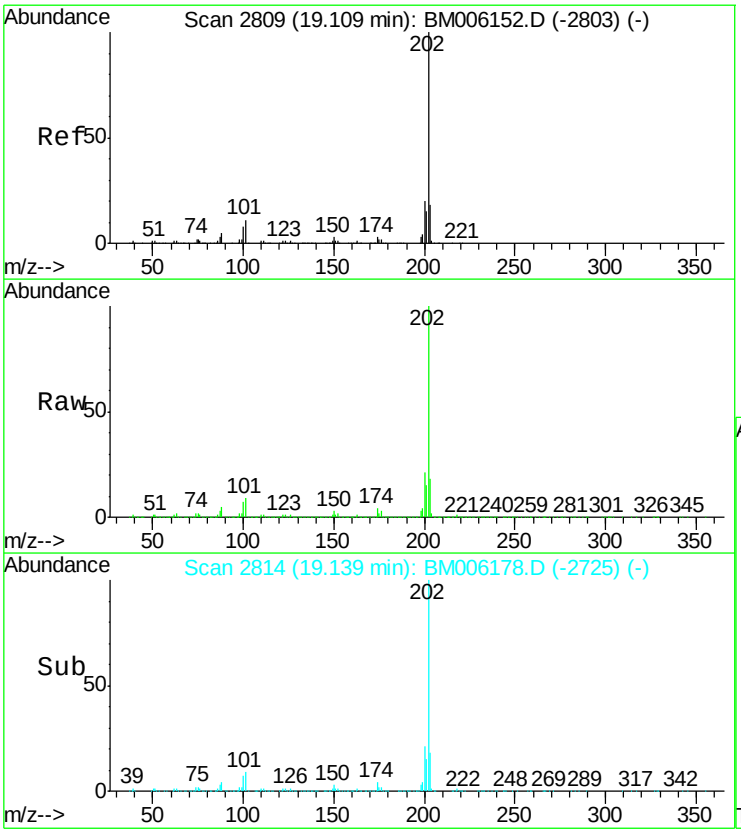
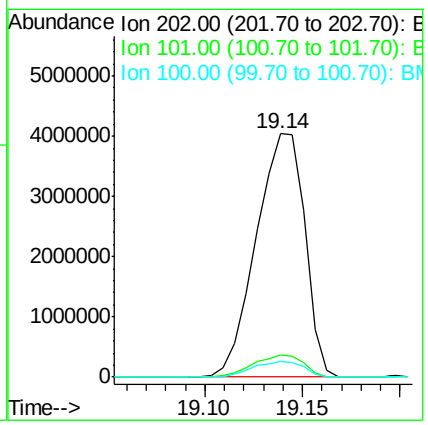
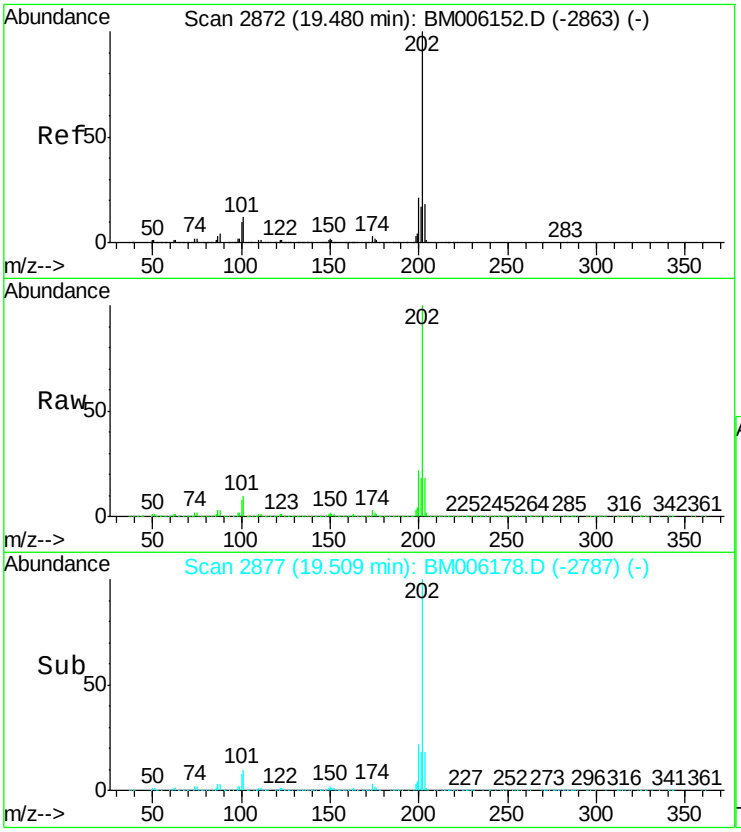


#28
Fluoranthene
Concen: 57.29 ng/ul
RT: 19.14 min Scan# 2814
Delta R.T. 0.02 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:202 Resp: 6947589

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.5	12.7
100	6.7	6.5	9.7





#31
Pyrene
Concen: 90.77 ng/ul m
RT: 19.51 min Scan# 2877
Delta R.T. 0.03 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:202 Resp: 6621089

Ion	Ratio	Lower	Upper
202	100		
101	9.7	11.0	16.4#
100	7.5	8.9	13.3#

Instrument :
BNA_M
ClientSampleId :
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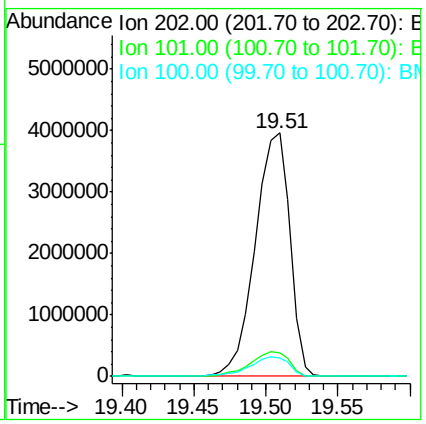
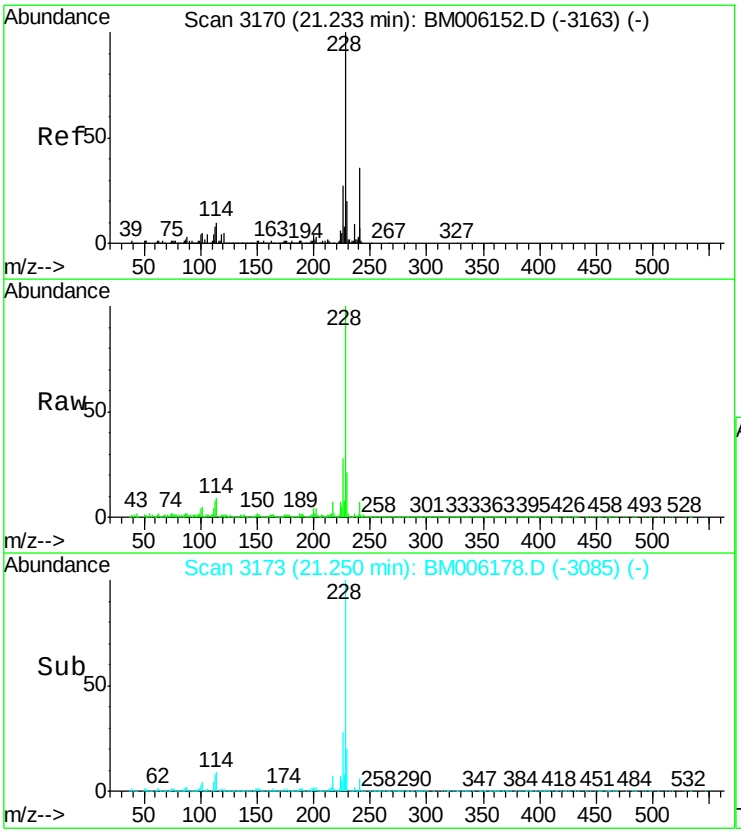
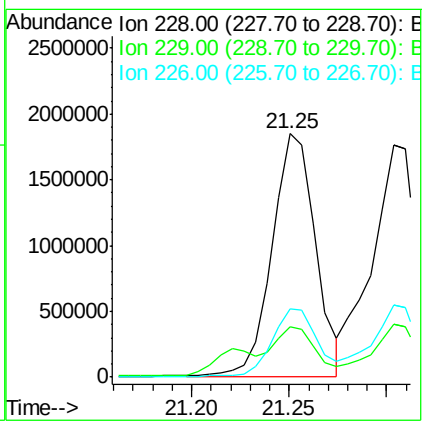


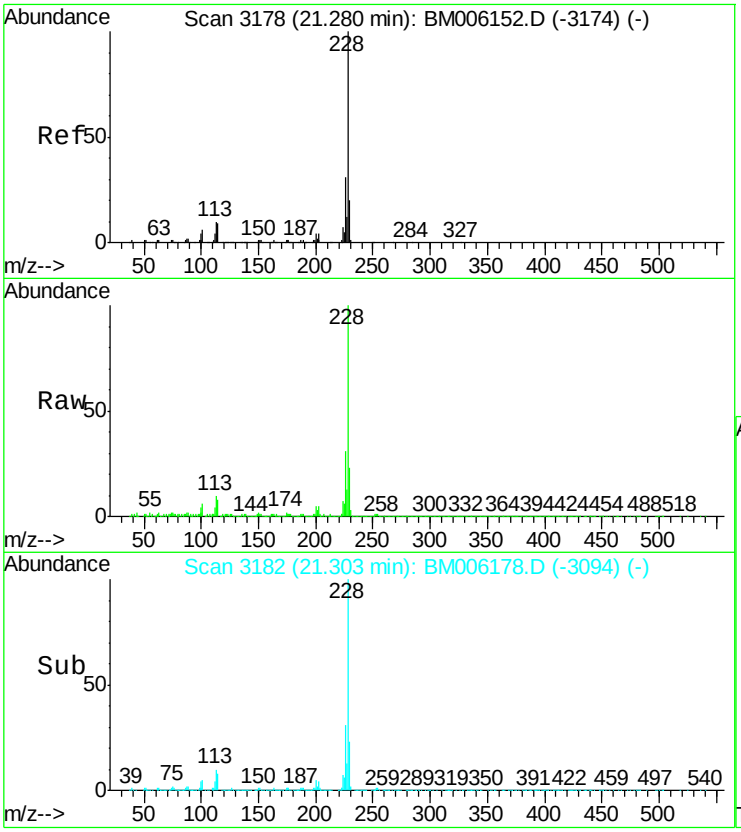


#32
Benzo(a)anthracene
Concen: 39.64 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.02 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:228 Resp: 2850369

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	28.2	21.6	32.4

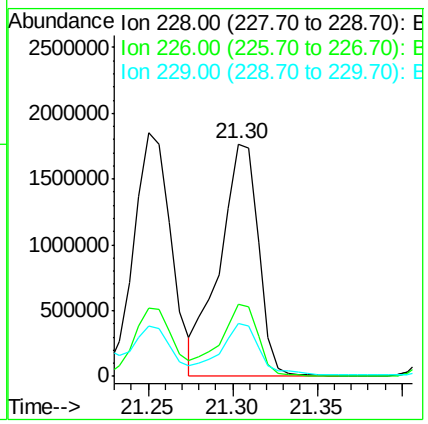




#33
Chrysene
Concen: 42.36 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. 0.02 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:228 Resp: 2804408

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.8	35.6
229	22.8	15.8	23.6



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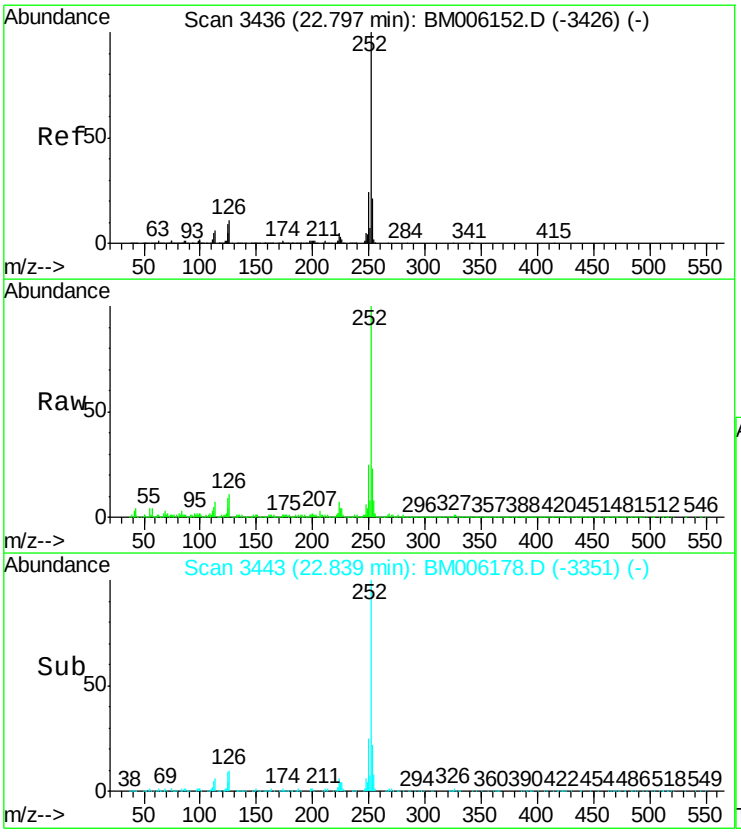
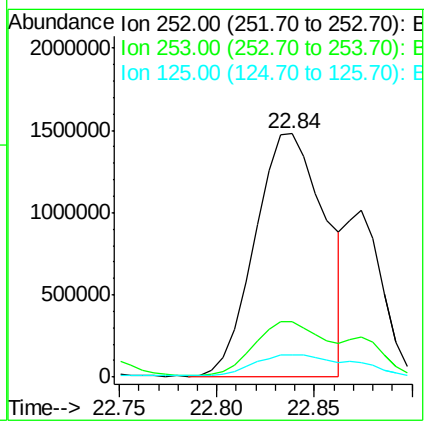
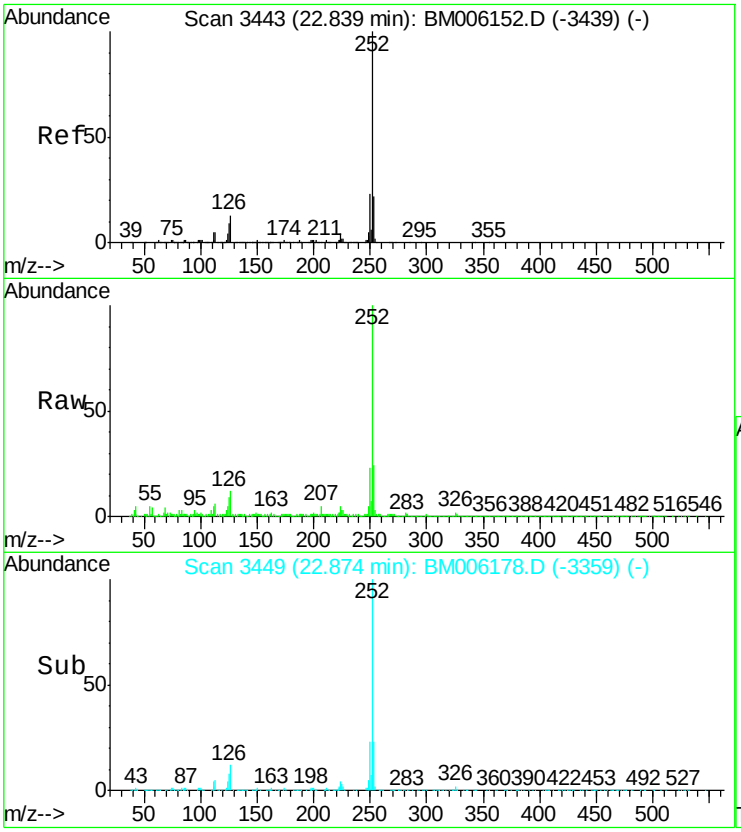


#35
Benzo(b)fluoranthene
Concen: 45.07 ng/ul
RT: 22.84 min Scan# 3443
Delta R.T. 0.04 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:252 Resp: 3664904

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	9.2	7.8	11.6

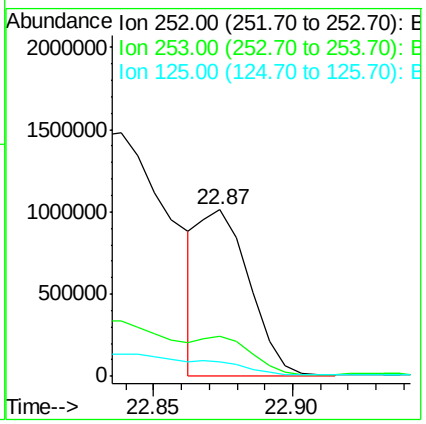




#36
Benzo(k)fluoranthene
Concen: 16.56 ng/ul m
RT: 22.87 min Scan# 3449
Delta R.T. 0.03 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:252 Resp: 1263173

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	9.0	8.1	12.1



Instrument :
BNA_M
ClientSampleId :
D9YF4MSD

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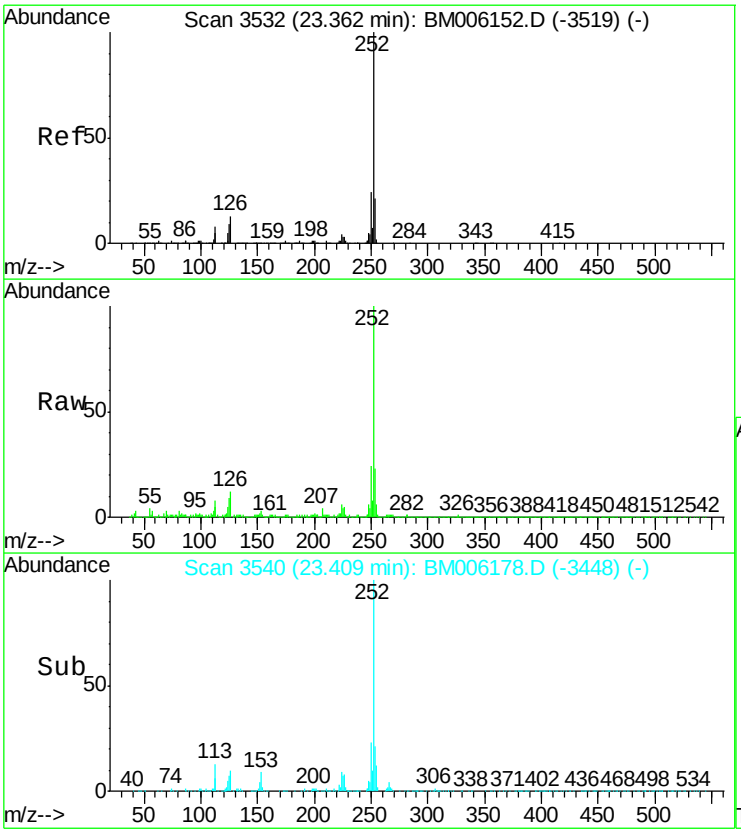
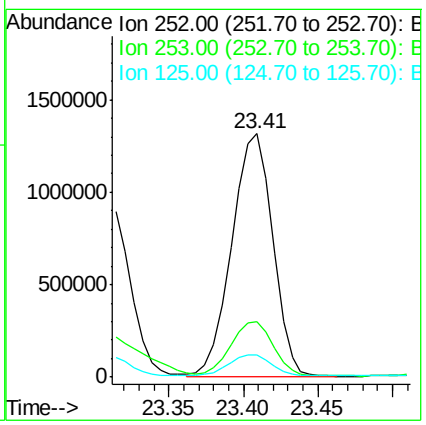
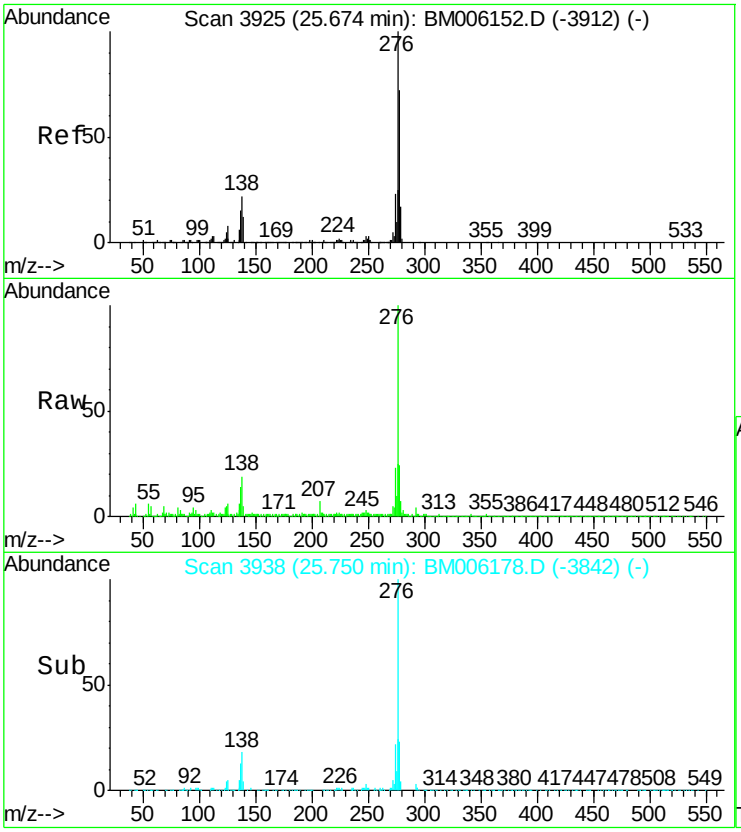


#38
Benzo(a)pyrene
Concen: 32.46 ng/ul
RT: 23.41 min Scan# 3540
Delta R.T. 0.04 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:252 Resp: 2493718

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	9.1	8.7	13.1

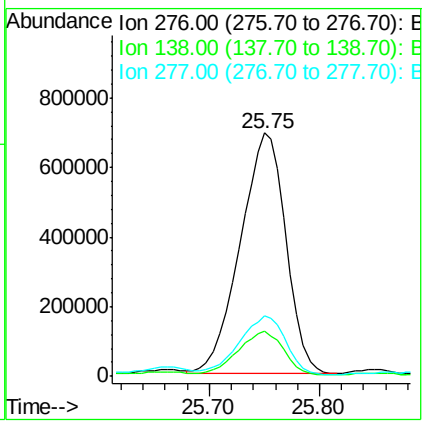




#39
Indeno(1,2,3-cd)pyrene
Concen: 24.91 ng/ul
RT: 25.75 min Scan# 3938
Delta R.T. 0.06 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:276 Resp: 1989652

Ion	Ratio	Lower	Upper
276	100		
138	18.7	20.4	30.6#
277	24.8	20.6	30.8



Instrument :
BNA_M
ClientSampleId :
D9YF4MSD

Manual Integrations APPROVED
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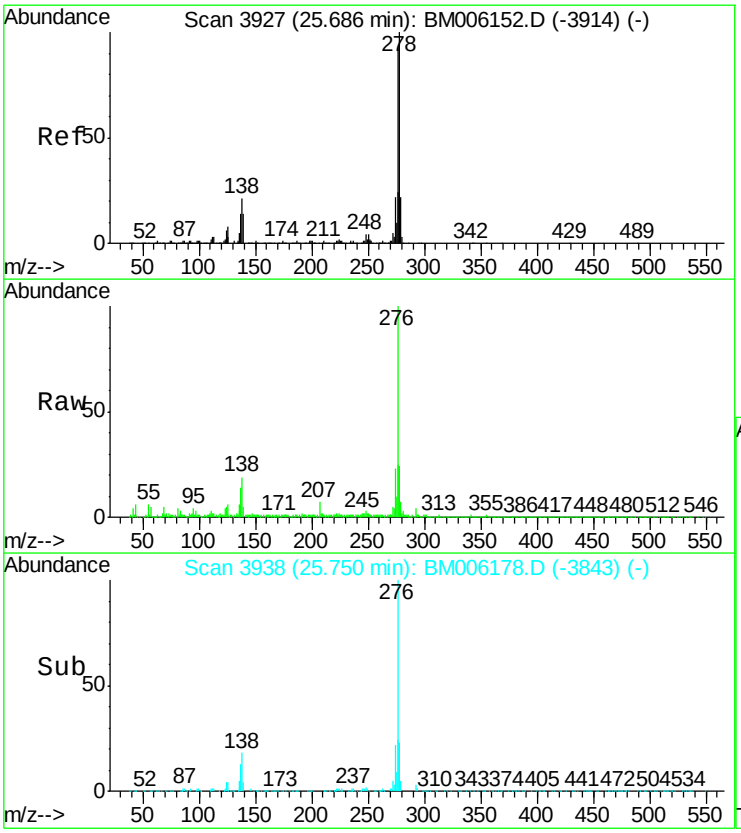
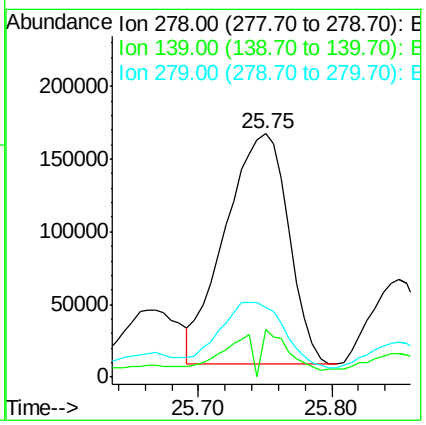
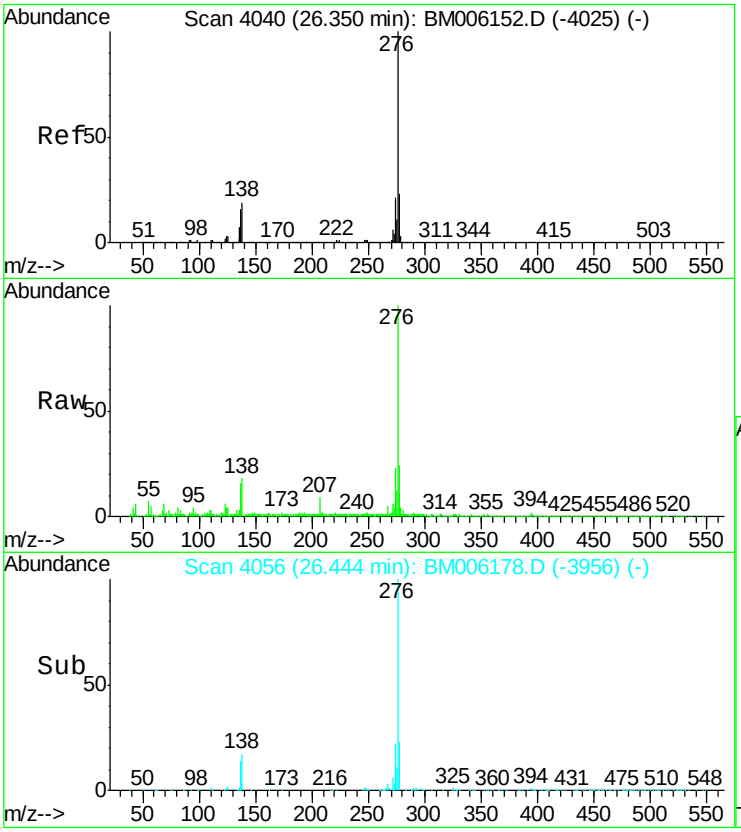


#40
Dibenzo(a,h)anthracene
Concen: 7.92 ng/ul
RT: 25.75 min Scan# 3938
Delta R.T. 0.06 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:278 Resp: 523541

Ion	Ratio	Lower	Upper
278	100		
139	19.8	13.0	19.4#
279	28.6	18.8	28.2#

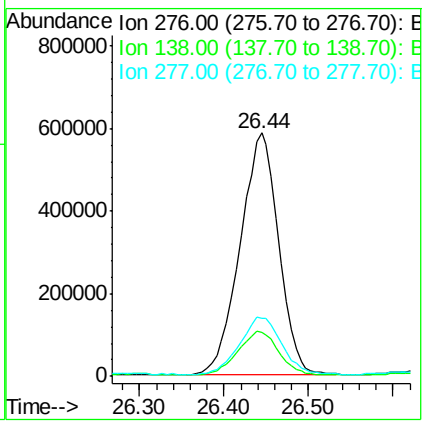




#41
Benzo(g,h,i)perylene
Concen: 27.71 ng/ul
RT: 26.44 min Scan# 4056
Delta R.T. 0.09 min
Lab File: BM006178.D
Acq: 01 Jul 2016 12:26

Tgt Ion:276 Resp: 1852151

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.6	25.0
277	24.0	18.9	28.3



Instrument :
BNA_M
ClientSampleId :
D9YF4MSD

Manual Integrations APPROVED
sohil
7/1/2016 7:16:52 PM