Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006084.D
Acq On : 27 Jun 2016 23:45
Operator : UM/SJ
Sample : H3779-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YD4

Manual Integrations APPROVED
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Quant Time: Jun 28 04:04:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	198922	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1005286	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	660543	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1676396	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	1746841	20.00	ng/ul	0.00
34) Perylene-d12	23.51	264	1645497	20.00	ng/ul	0.03
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	5448	1.22	ng/uL	0.00
3) Phenol-d5	6.83	99	305720	14.61	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	174303	14.97	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	226552	15.54	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	257673	14.59	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	115437	15.08	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	124807	14.66	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	258133	15.80	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	290020	16.36	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	820492	14.51	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1076734	16.42	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	136458	11.31	ng/ul	-0.02
21) Fluorene-d10	15.30	176	780353	16.16	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	60669	6.52	ng/ul	-0.01
26) Anthracene-d10	17.16	188	1299910	16.88	ng/ul	0.00
30) Pyrene-d10	19.46	212	1488016	19.45	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.36	264	1220600	16.43	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.49	128	96626	1.92	ng/ul	99
18) Acenaphthylene	14.03	152	233563	3.38	ng/ul	99
22) Fluorene	15.36	166	54396	1.03	ng/ul	99
25) Phenanthrene	17.10	178	1158230	12.84	ng/ul	100
27) Anthracene	17.19	178	365477	3.93	ng/ul	99
28) Fluoranthene	19.12	202	3692883	31.97	ng/ul	98
31) Pyrene	19.49	202	3084444	30.84	ng/ul	96
32) Benzo(a)anthracene	21.24	228	2102932	20.27	ng/ul	96
33) Chrysene	21.29	228	2028654	21.40	ng/ul	97
35) Benzo(b)fluoranthene	22.83	252	2973390	31.10	ng/ul	98
36) Benzo(k)fluoranthene	22.86	252	1011892m	11.38	ng/ul	
38) Benzo(a)pyrene	23.40	252	1891046	20.63	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.78	276	1437940	13.16	ng/ul#	94
40) Dibenzo(a,h)anthracene	25.77	278	358310	3.94	ng/ul	94
41) Benzo(g,h,i)perylene	26.50	276	1203906	12.74	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006084.D
Acq On : 27 Jun 2016 23:45
Operator : UM/SJ
Sample : H3779-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 28 04:04:01 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YD4

Manual Integrations APPROVED
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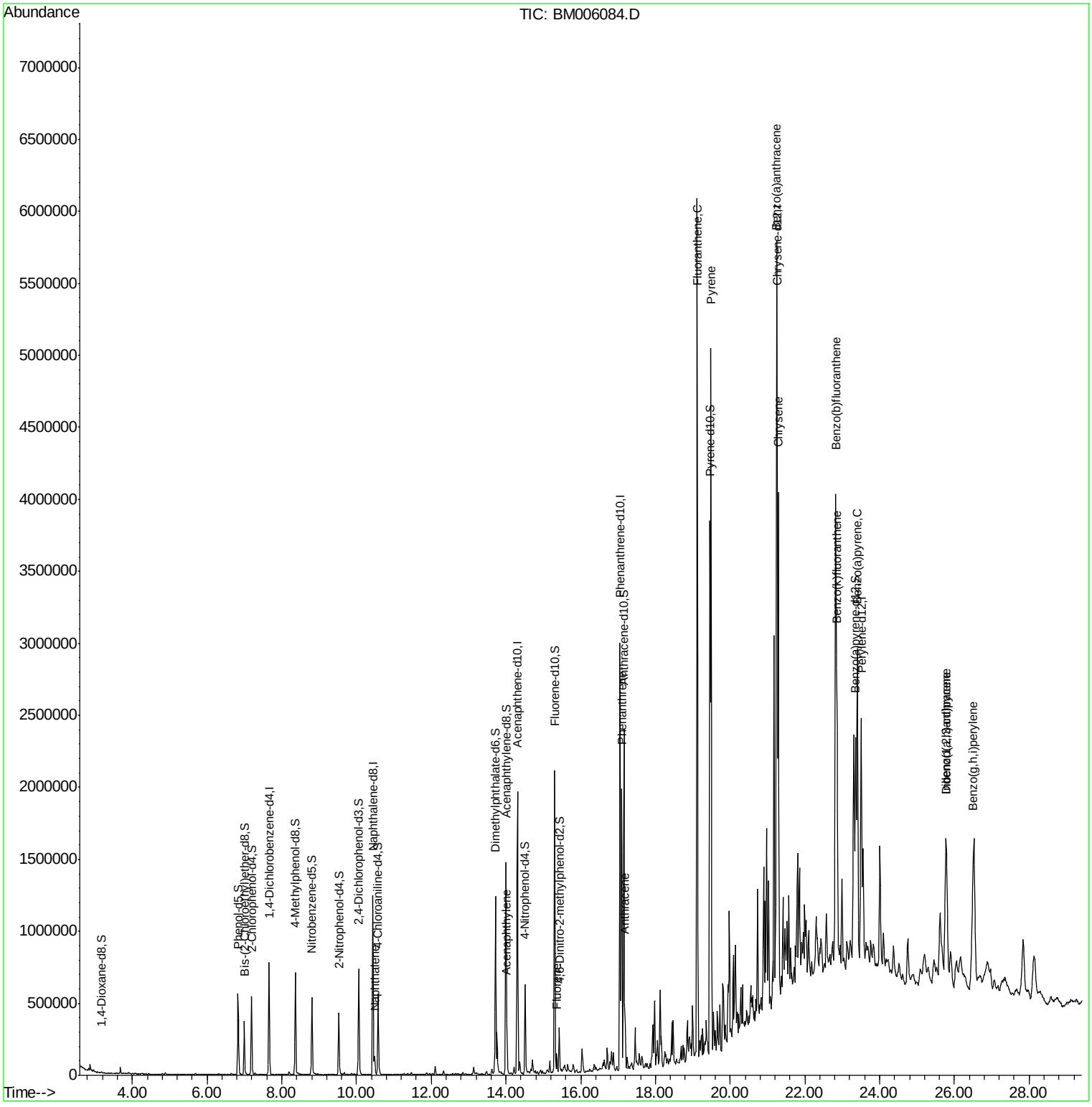
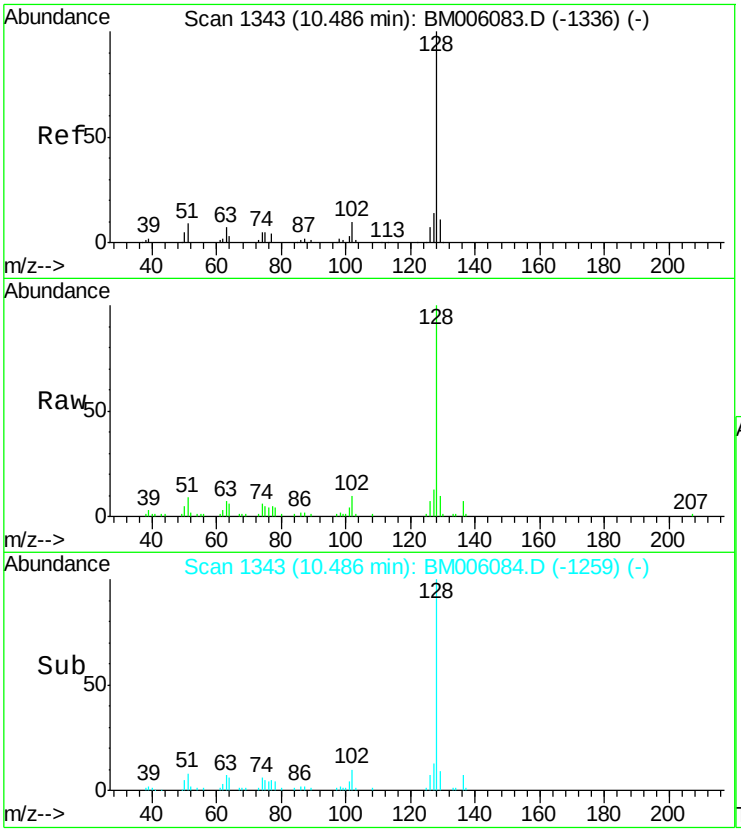
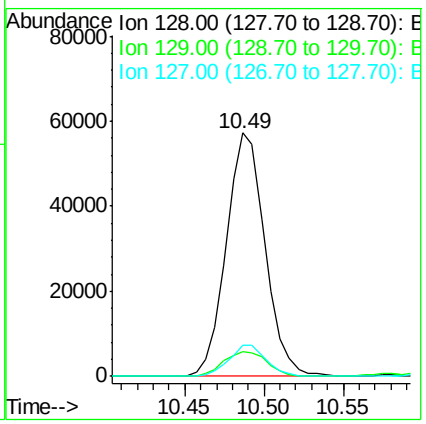




#11
Naphthalene
Concen: 1.92 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:128 Resp: 96626

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.9	13.3
127	13.0	10.5	15.7



Instrument :
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ClientSampleId :
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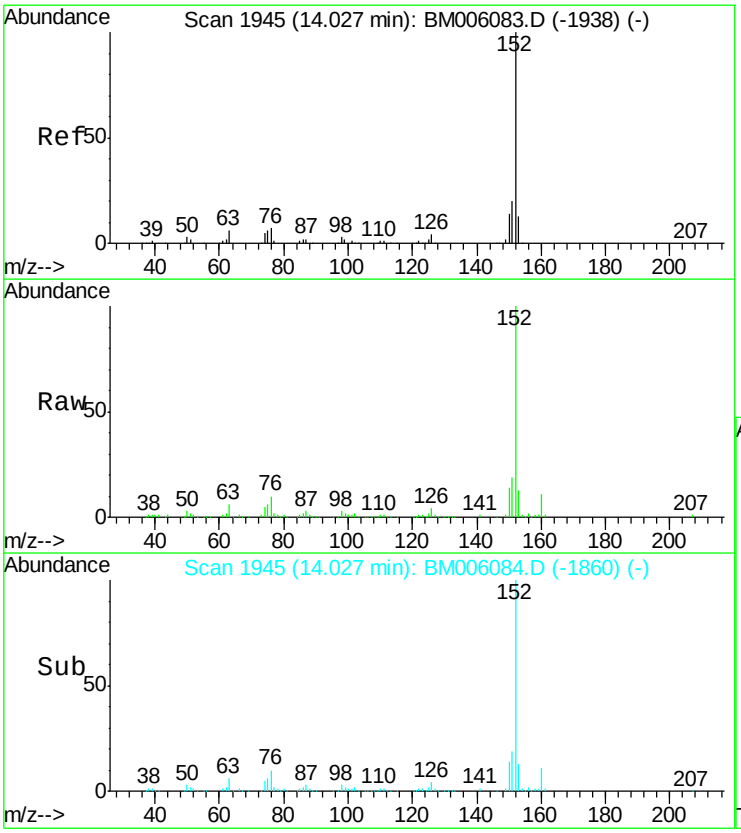
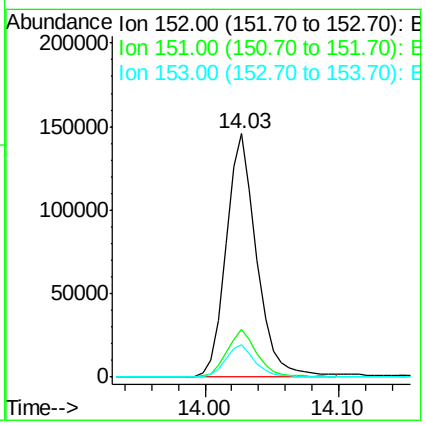
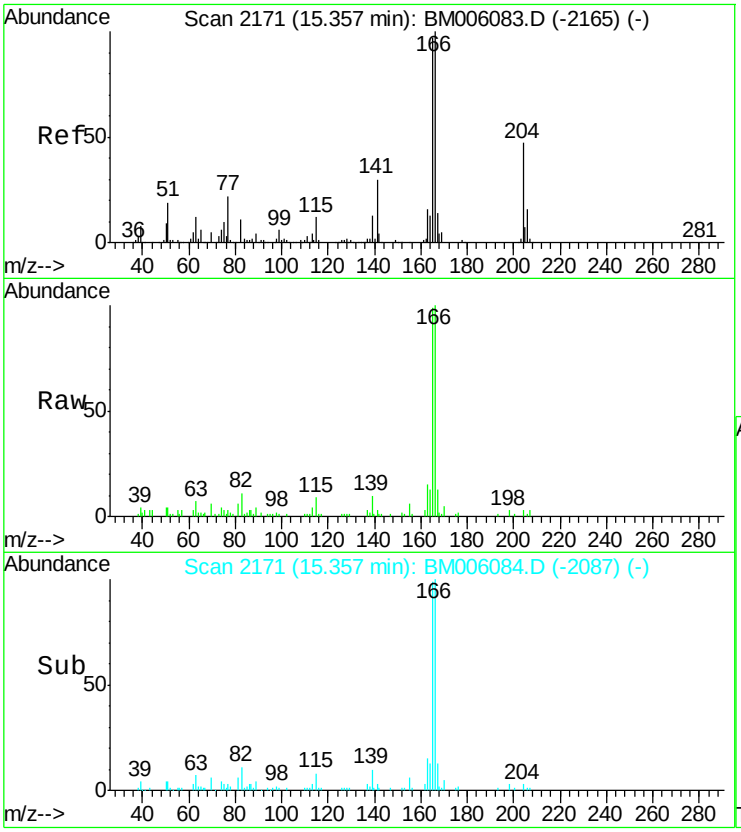


#18
Acenaphthylene
Concen: 3.38 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:152 Resp: 233563

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.3	10.3	15.5

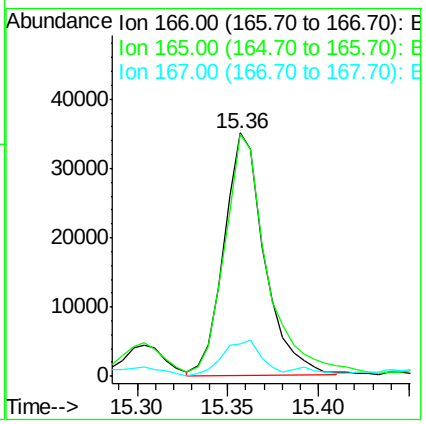




#22
Fluorene
Concen: 1.03 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:166 Resp: 54396

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.4	117.6
167	13.2	10.6	16.0



Instrument :
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ClientSampleId :
D9YD4

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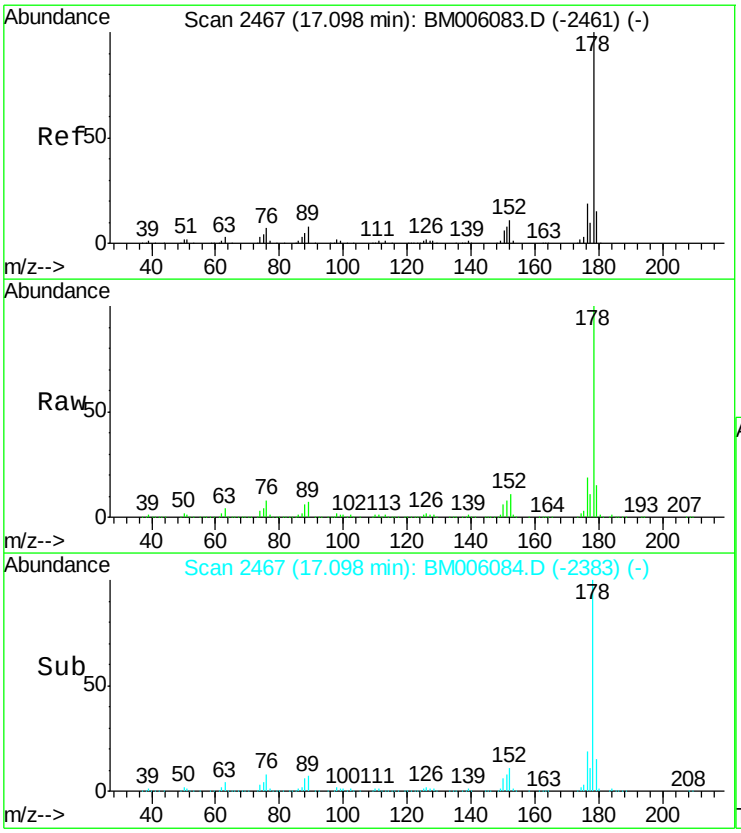
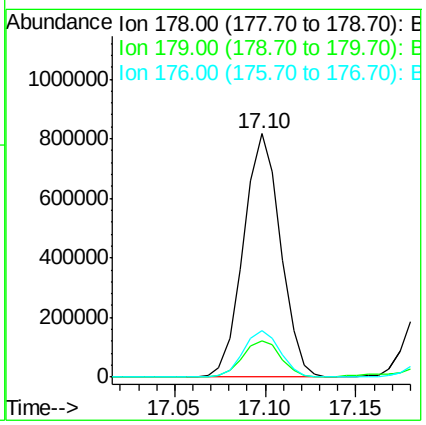
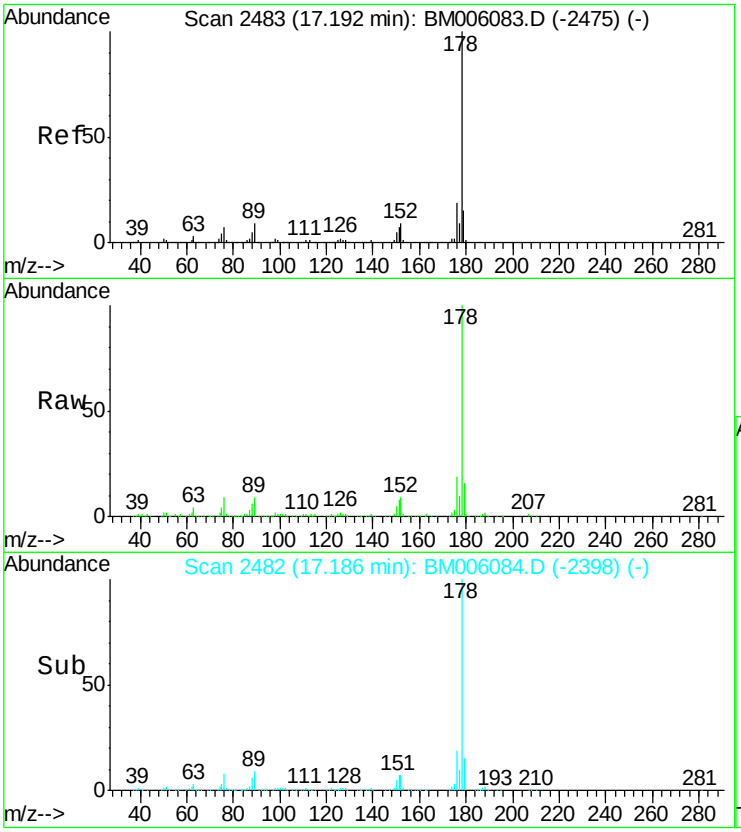


#25
Phenanthrene
Concen: 12.84 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:178 Resp: 1158230

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.2	15.3	22.9

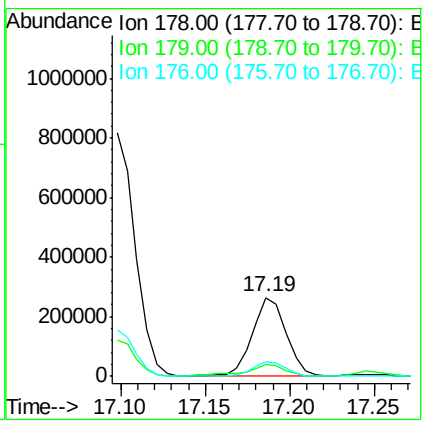




#27
Anthracene
Concen: 3.93 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:178 Resp: 365477

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.7	14.6	22.0



Instrument :
BNA_M
ClientSampleId :
D9YD4

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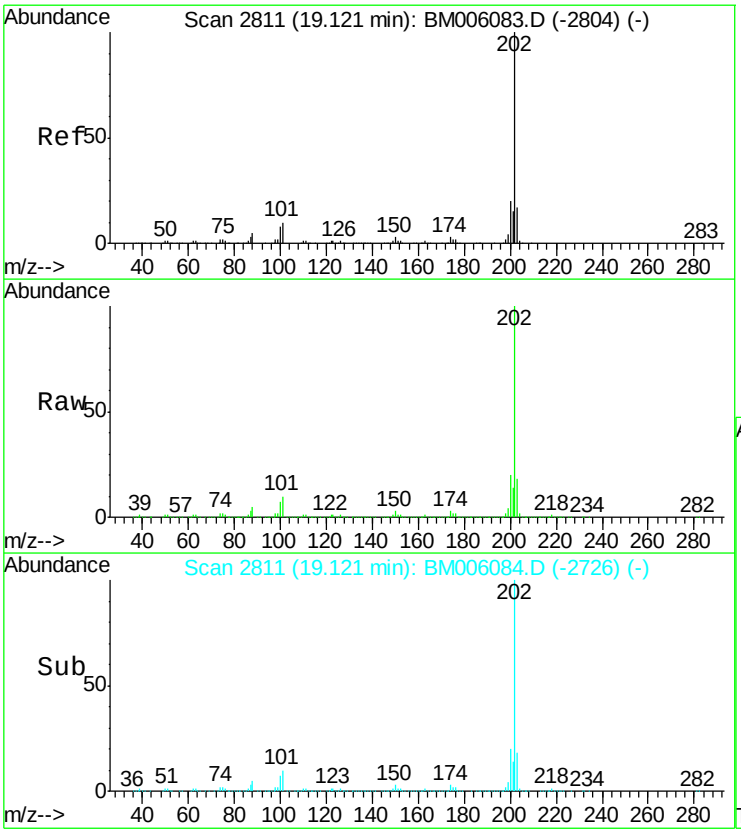
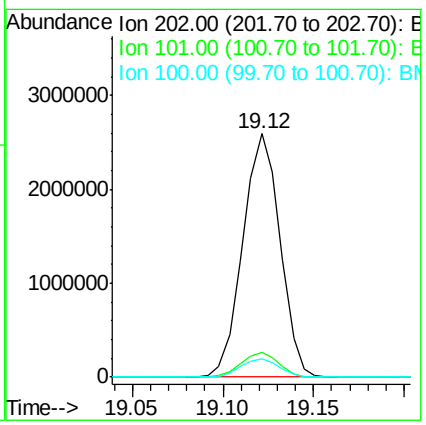
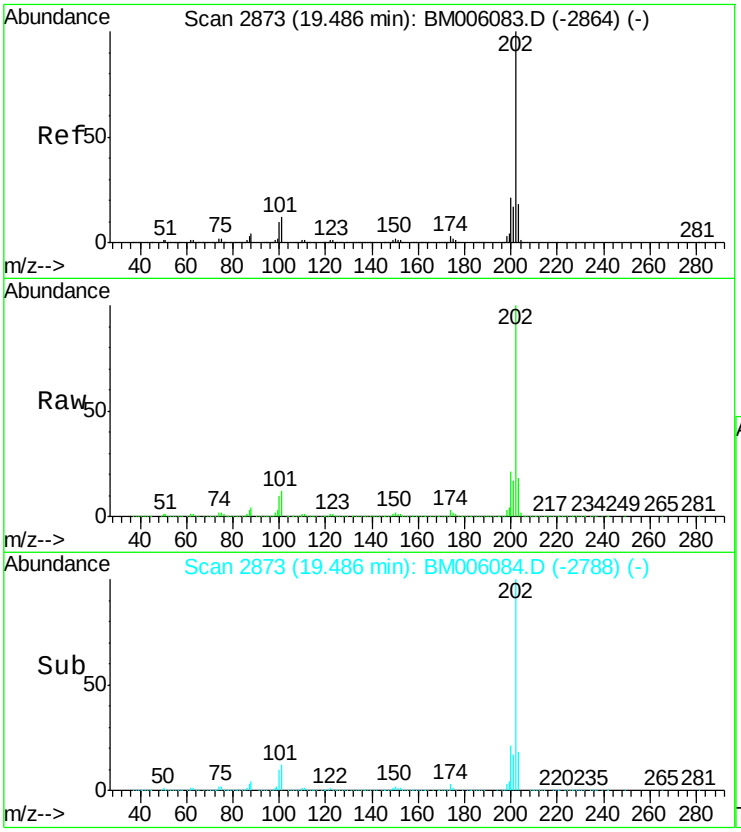


#28
Fluoranthene
Concen: 31.97 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:202 Resp: 3692883

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.5	12.7
100	7.4	6.5	9.7

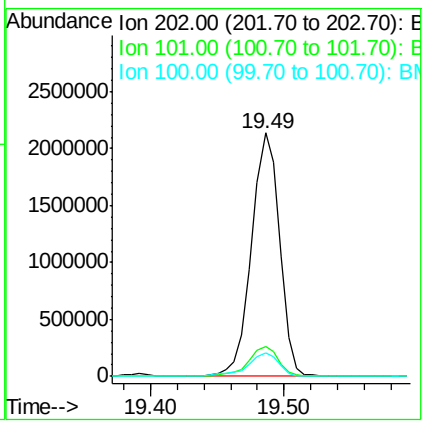




#31
Pyrene
Concen: 30.84 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:202 Resp: 3084444

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.0	16.4
100	9.7	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
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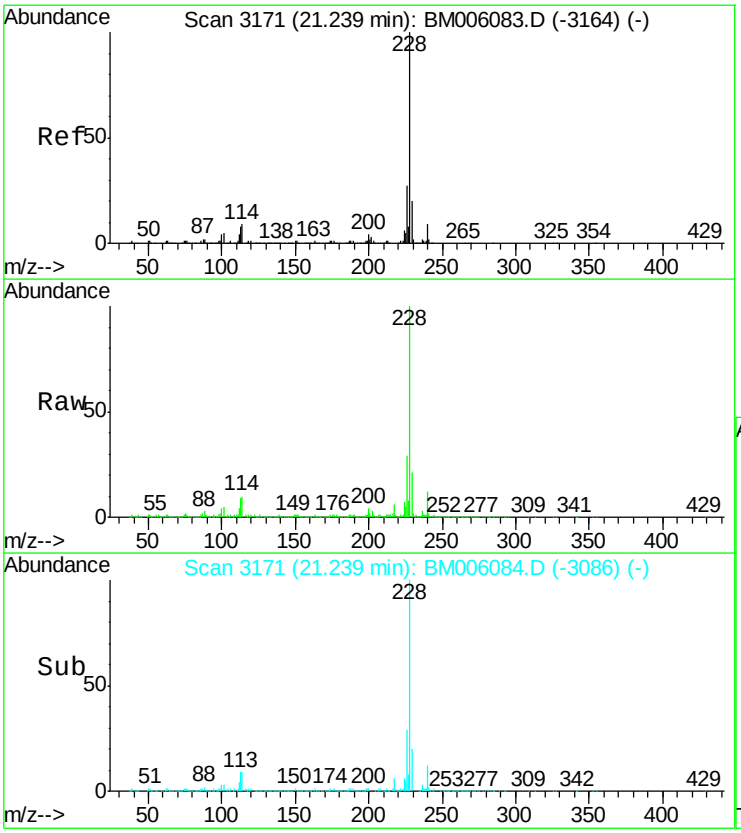
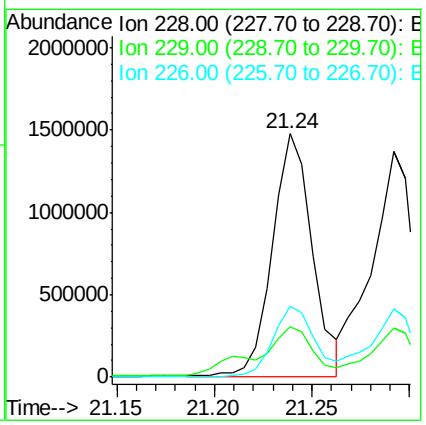
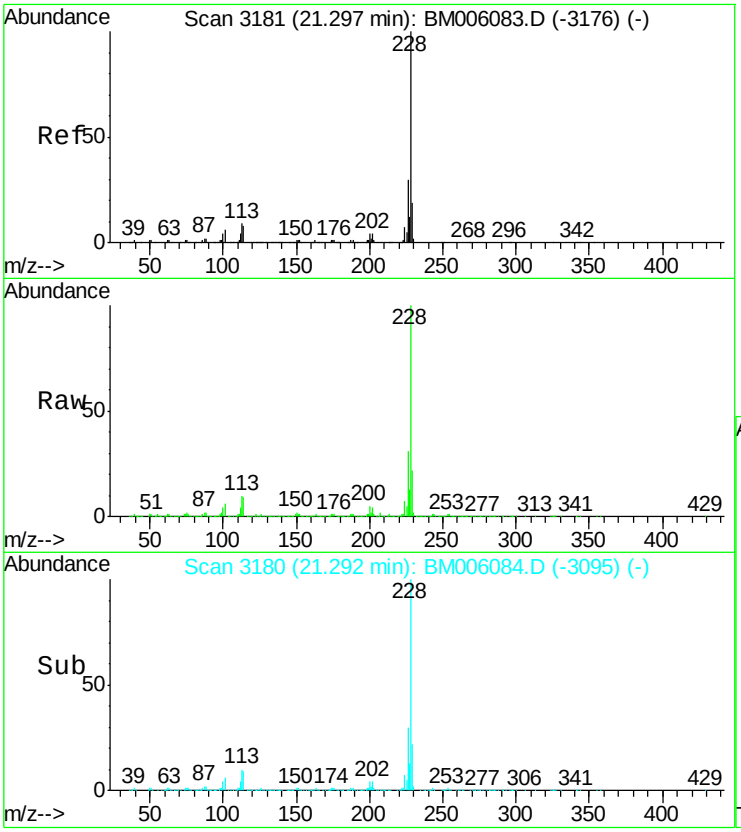


#32
Benzo(a)anthracene
Concen: 20.27 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:228 Resp: 2102932

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	29.1	21.6	32.4

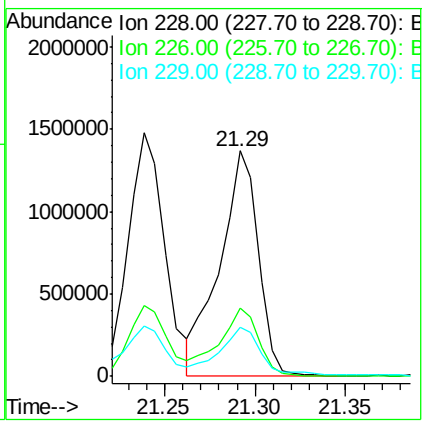




#33
Chrysene
Concen: 21.40 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:228 Resp: 2028654

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	21.8	15.8	23.6



Instrument :
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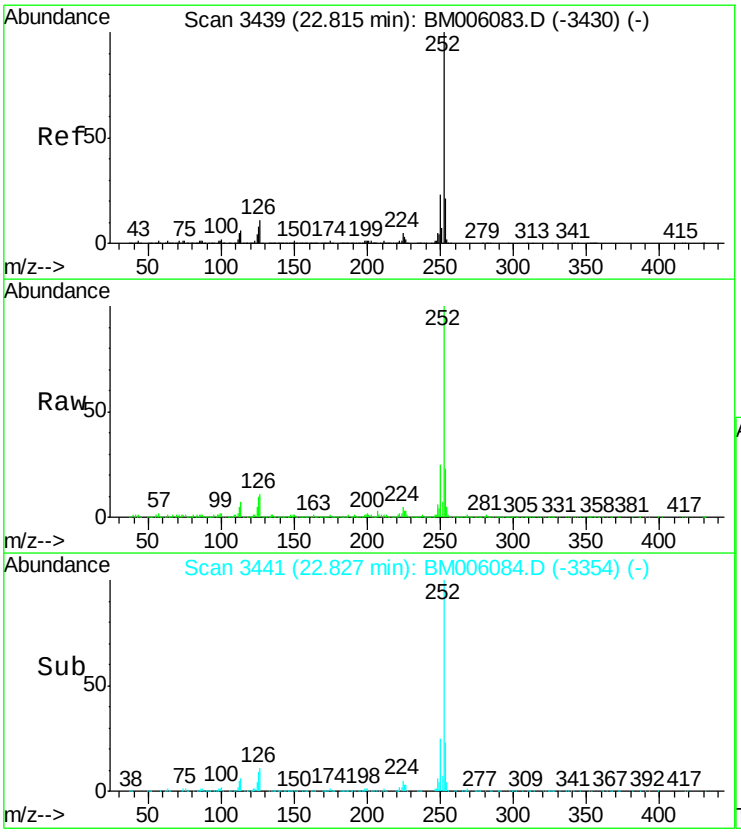
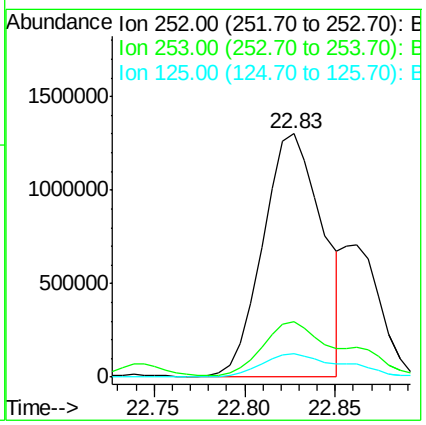
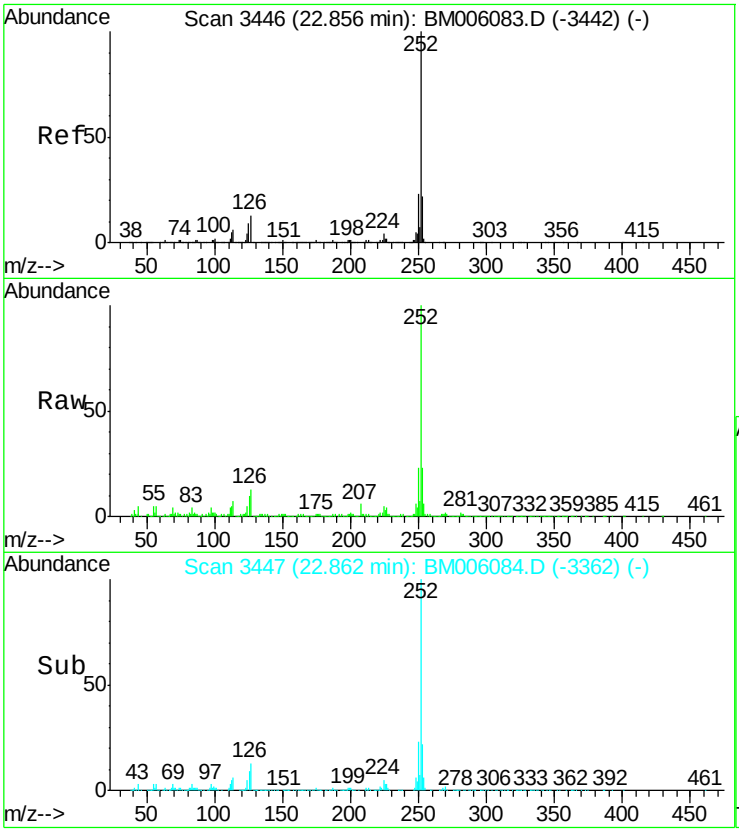


#35
Benzo(b)fluoranthene
Concen: 31.10 ng/ul
RT: 22.83 min Scan# 3441
Delta R.T. 0.01 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:252 Resp: 2973390

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	9.7	7.8	11.6

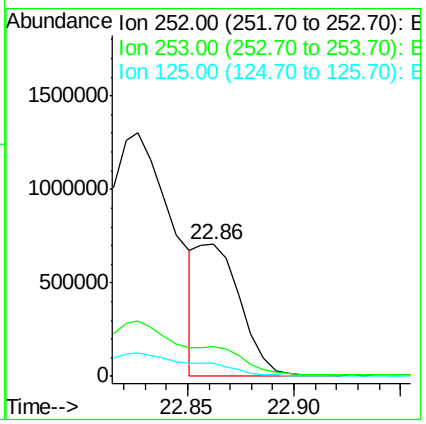




#36
Benzo(k)fluoranthene
Concen: 11.38 ng/ul m
RT: 22.86 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:252 Resp: 1011892

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.8	8.1	12.1



Instrument :
BNA_M
ClientSampleId :
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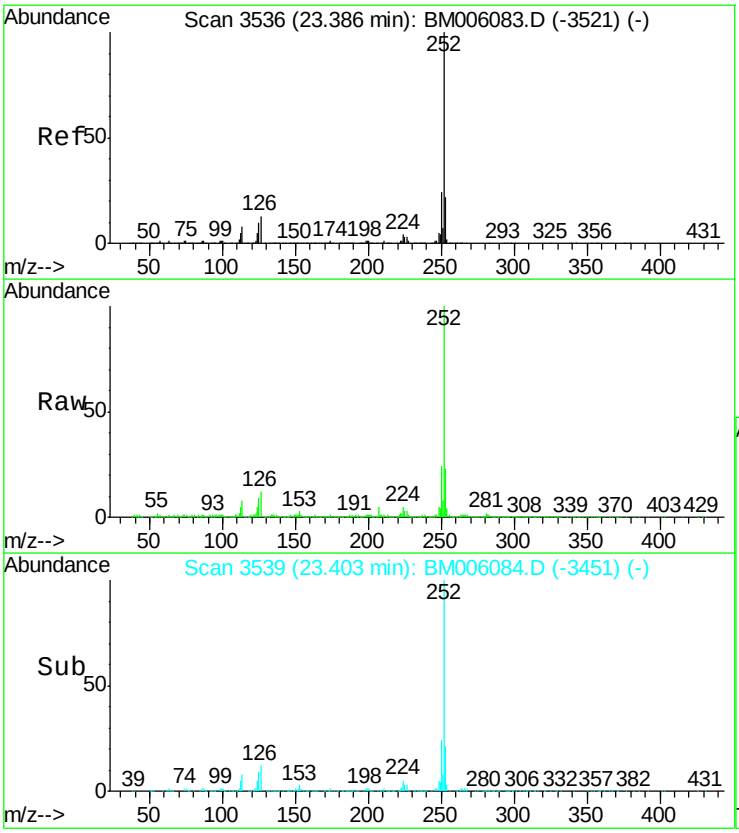
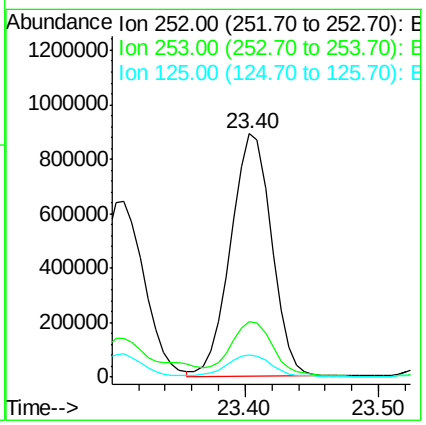
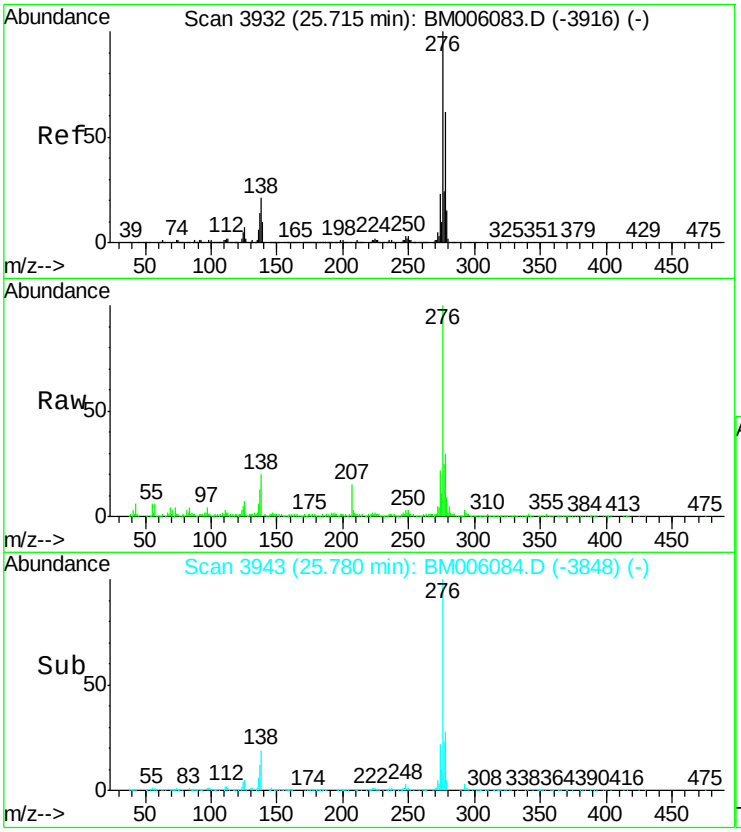


#38
Benzo(a)pyrene
Concen: 20.63 ng/ul
RT: 23.40 min Scan# 3539
Delta R.T. 0.02 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:252 Resp: 1891046

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	9.3	8.7	13.1

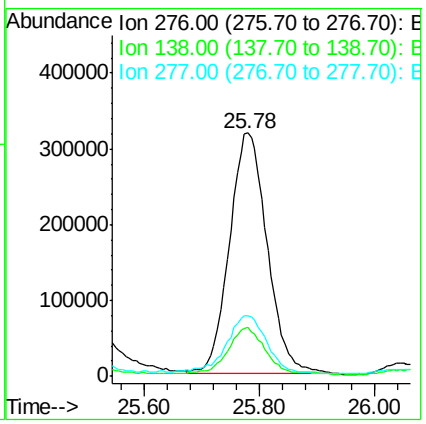




#39
Indeno(1,2,3-cd)pyrene
Concen: 13.16 ng/ul
RT: 25.78 min Scan# 3943
Delta R.T. 0.06 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:276 Resp: 1437940

Ion	Ratio	Lower	Upper
276	100		
138	20.1	20.4	30.6#
277	25.1	20.6	30.8



Instrument :
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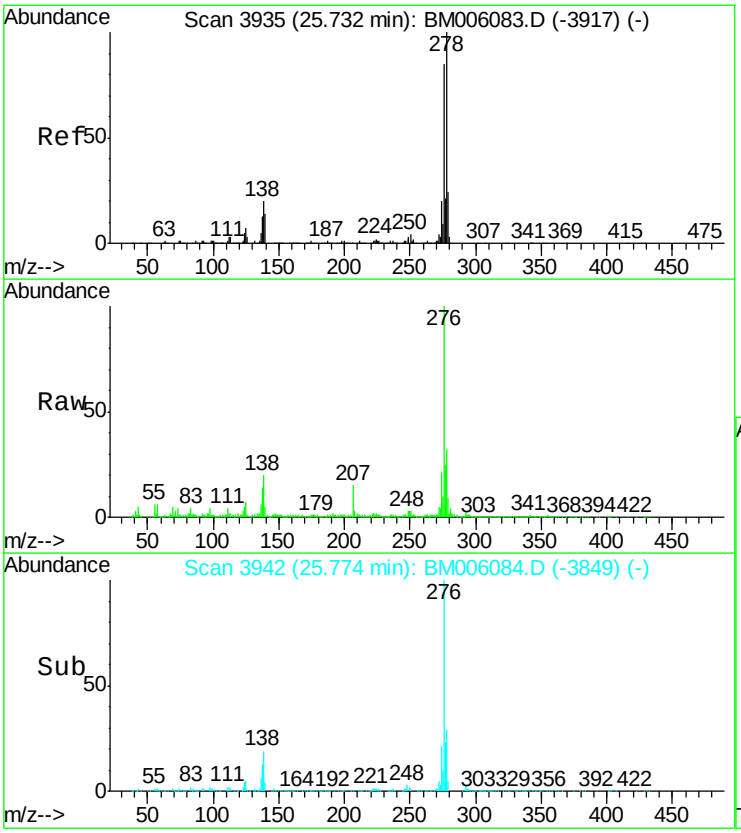
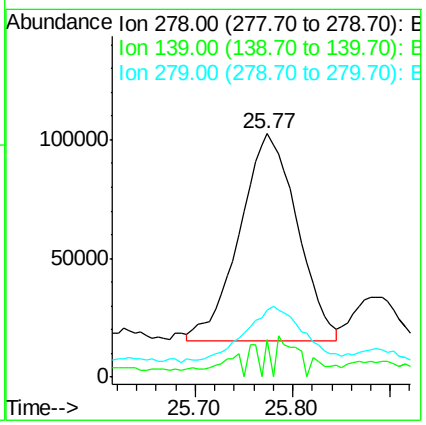
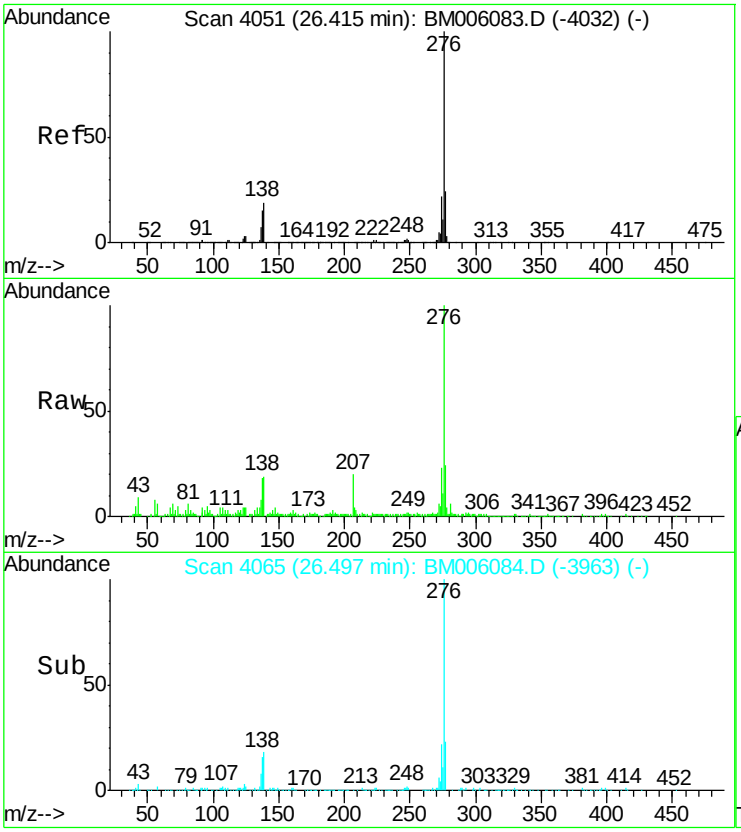


#40
Dibenzo(a,h)anthracene
Concen: 3.94 ng/ul
RT: 25.77 min Scan# 3942
Delta R.T. 0.05 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:278 Resp: 358310

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.0	19.4
279	27.7	18.8	28.2

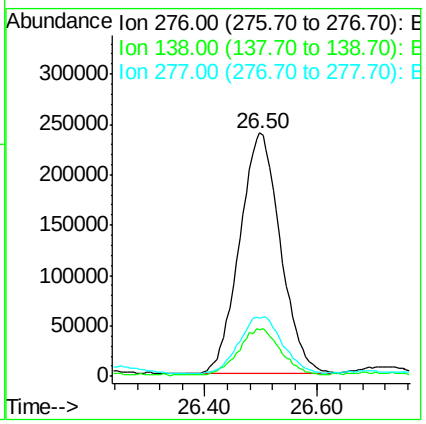




#41
Benzo(g,h,i)perylene
Concen: 12.74 ng/ul
RT: 26.50 min Scan# 4065
Delta R.T. 0.10 min
Lab File: BM006084.D
Acq: 27 Jun 2016 23:45

Tgt Ion:276 Resp: 1203906

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.6	25.0
277	23.9	18.9	28.3



Instrument :
BNA_M
ClientSampleId :
D9YD4

Manual Integrations APPROVED
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