Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
Data File : BM002484.D
Acq On : 18 Aug 2015 14:35
Operator : UM/IZ
Sample : SSTDICC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02045

Quant Time: Aug 18 17:52:57 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	116786	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	531544	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	275860	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	557978	20.00	ng/ul	0.00
17) Chrysene-d12	22.25	240	394529	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	370215	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	559246	19.83	ng/ul	0.00
10) Fluorene-d10	16.43	176	382358	19.30	ng/ul	0.00
14) Anthracene-d10	18.26	188	530602	19.71	ng/ul	0.00
18) Pyrene-d10	20.48	212	449799	25.72	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.76	264	387144	19.91	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.80	128	530798	19.57	ng/ul	100
4) 2-Methylnaphthalene	13.35	142	377831	18.59	ng/ul	100
5) 1-Methylnaphthalene	13.56	142	373773	18.59	ng/ul	100
8) Acenaphthylene	15.19	152	583357	19.76	ng/ul	100
9) Acenaphthene	15.52	153	381838	19.64	ng/ul	100
11) Fluorene	16.49	166	430984	19.34	ng/ul	99
13) Phenanthrene	18.21	178	630362	19.56	ng/ul	100
15) Anthracene	18.30	178	637056	19.51	ng/ul	99
16) Fluoranthene	20.16	202	596175	16.34	ng/ul	99
19) Pyrene	20.51	202	590302	25.54	ng/ul	99
20) Benzo(a)anthracene	22.23	228	472296	20.02	ng/ul	99
21) Chrysene	22.29	228	436906	19.80	ng/ul	100
23) Benzo(b)fluoranthene	24.10	252	432453	19.32	ng/ul	98
24) Benzo(k)fluoranthene	24.15	252	432585	20.40	ng/ul	99
26) Benzo(a)pyrene	24.81	252	424052	19.84	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.78	276	502463	20.44	ng/ul	99
28) Dibenzo(a,h)anthracene	27.77	278	421755	20.52	ng/ul	100
29) Benzo(g,h,i)perylene	28.66	276	423914	20.71	ng/ul	99

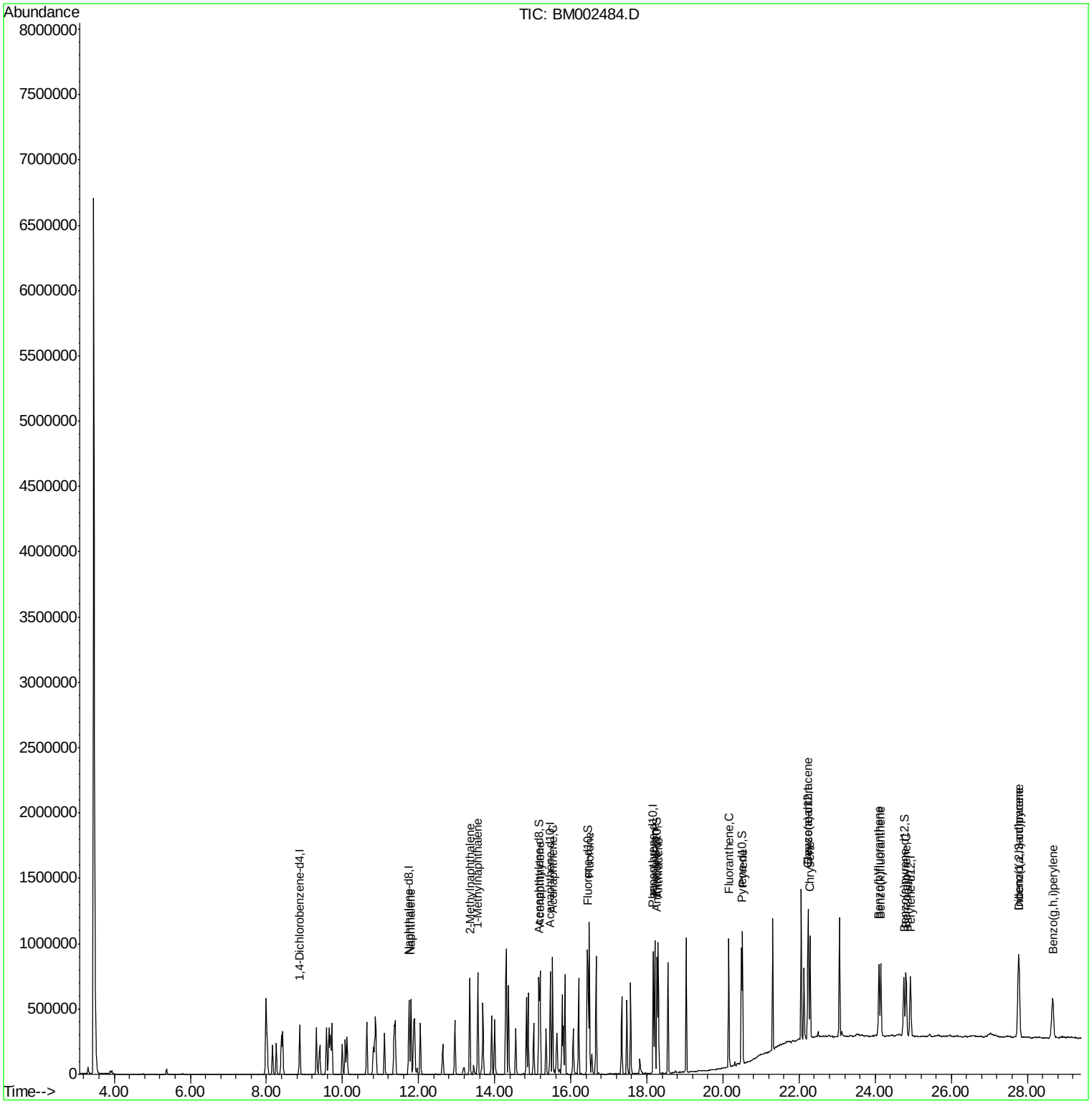
(#) = qualifier out of range (m) = manual integration (+) = signals summed

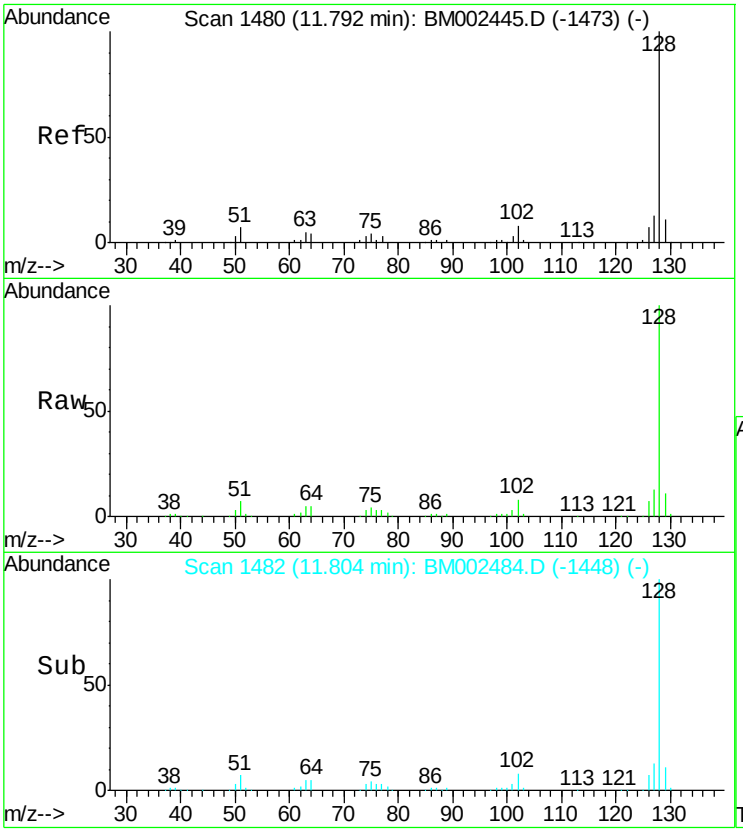
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
Data File : BM002484.D
Acq On : 18 Aug 2015 14:35
Operator : UM/IZ
Sample : SSTDICC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Quant Time: Aug 18 17:52:57 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



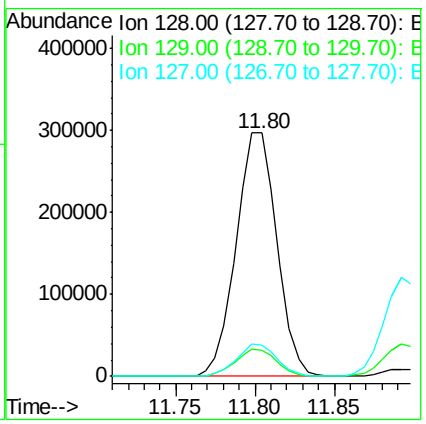


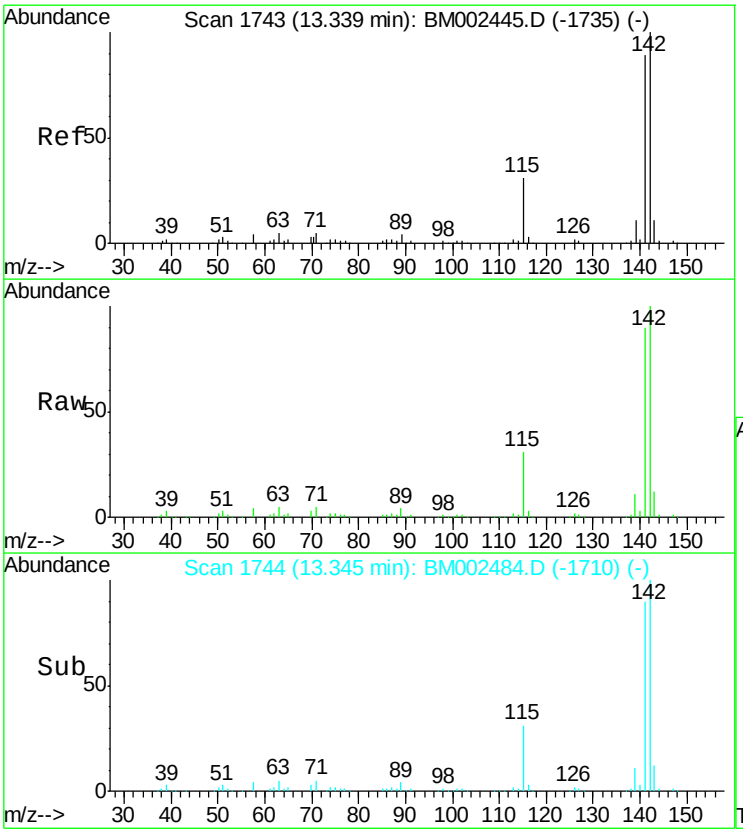
#3
Naphthalene
Concen: 19.57 ng/ul
RT: 11.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Tgt Ion:128 Resp: 530798

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.0	10.4	15.6

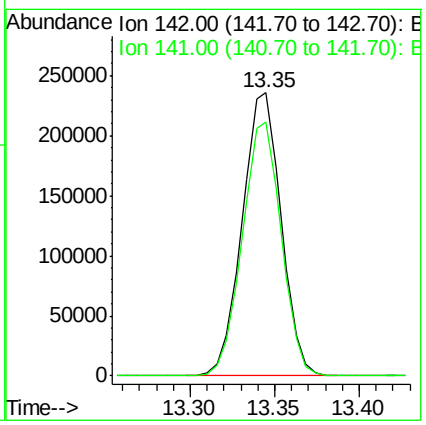


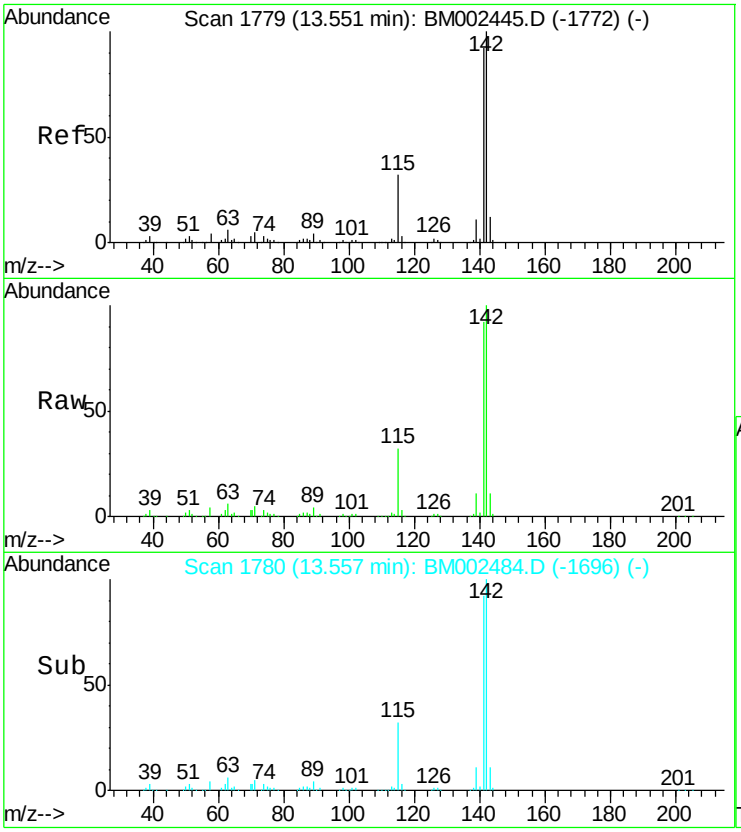


#4
2-Methylnaphthalene
Concen: 18.59 ng/ul
RT: 13.35 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Tgt Ion:142 Resp: 377831

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.2	108.2



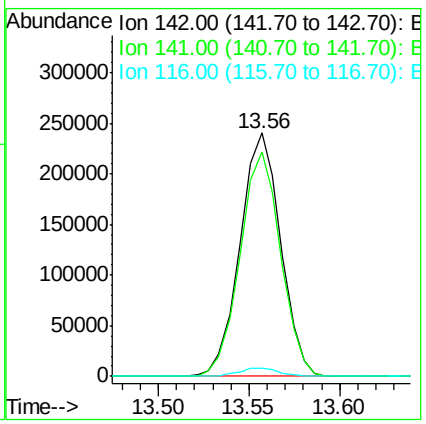


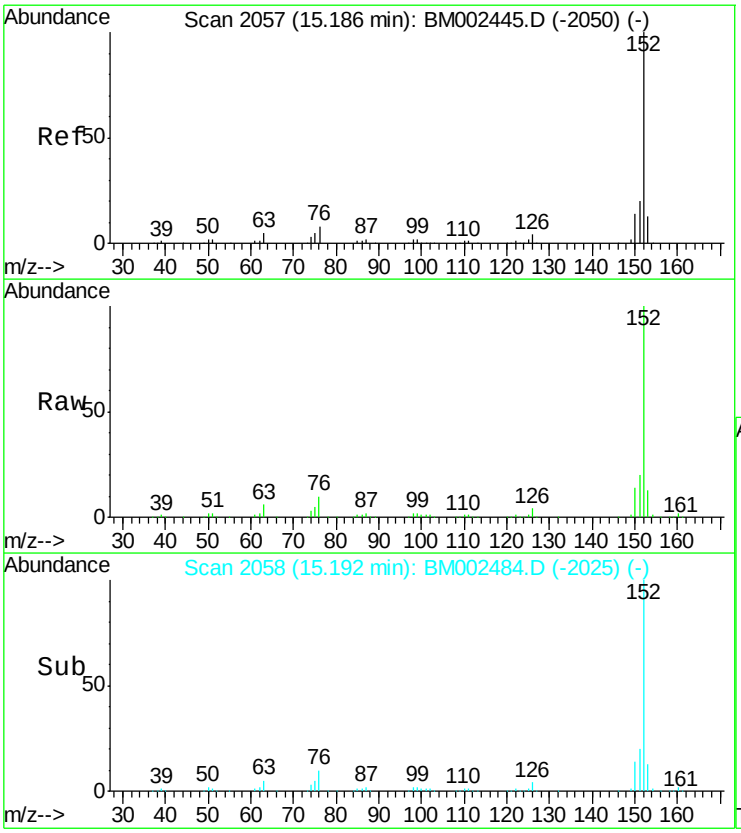
#5
1-Methylnaphthalene
Concen: 18.59 ng/ul
RT: 13.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Tgt Ion:142 Resp: 373773

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.9	110.9
116	3.4	3.0	4.4

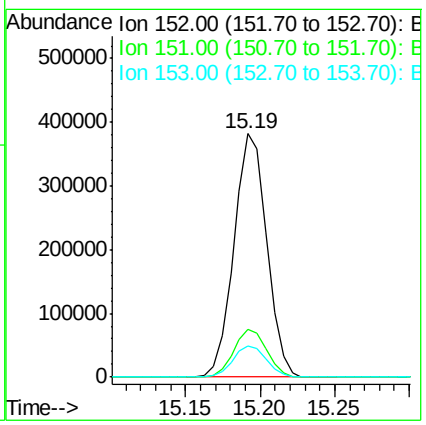


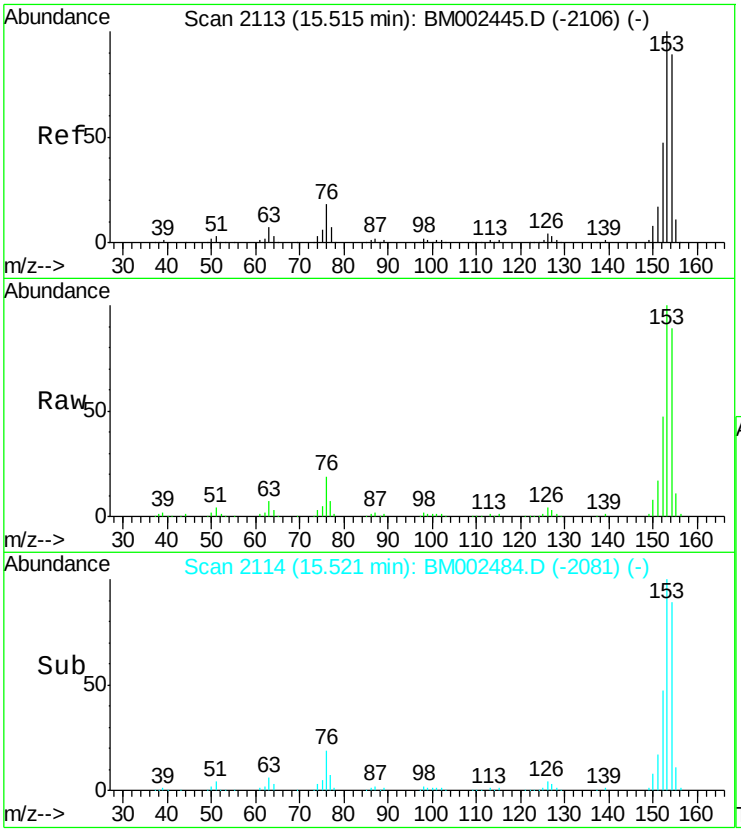


#8
Acenaphthylene
Concen: 19.76 ng/ul
RT: 15.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Tgt Ion:152 Resp: 583357

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.2	15.4



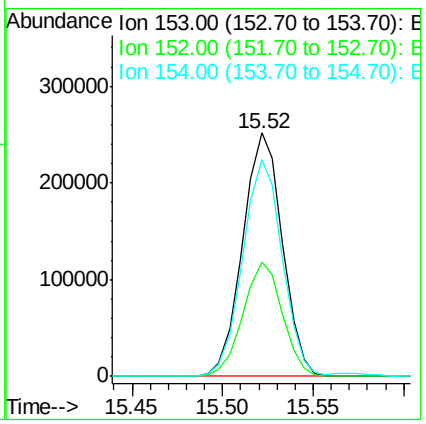


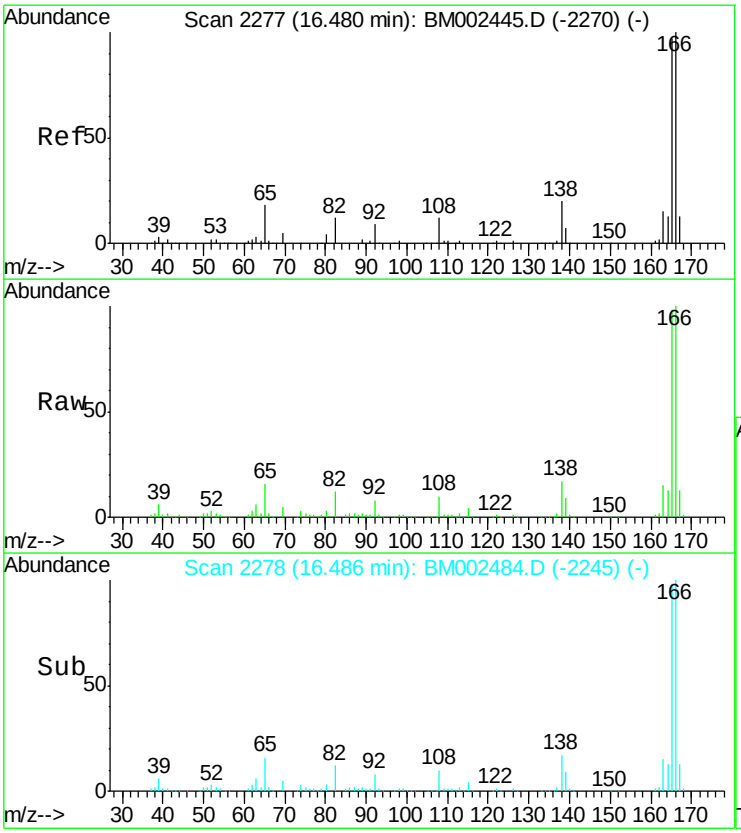
#9
Acenaphthene
Concen: 19.64 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Tgt Ion:153 Resp: 381838

Ion	Ratio	Lower	Upper
153	100		
152	46.8	36.9	55.3
154	88.9	71.3	106.9

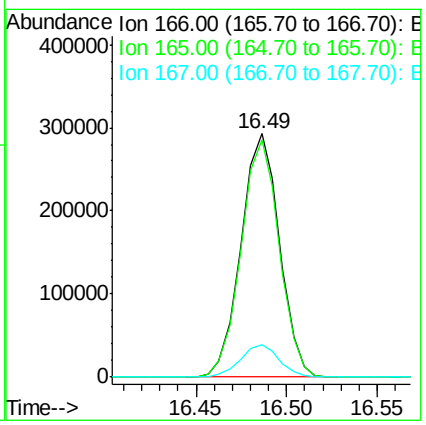


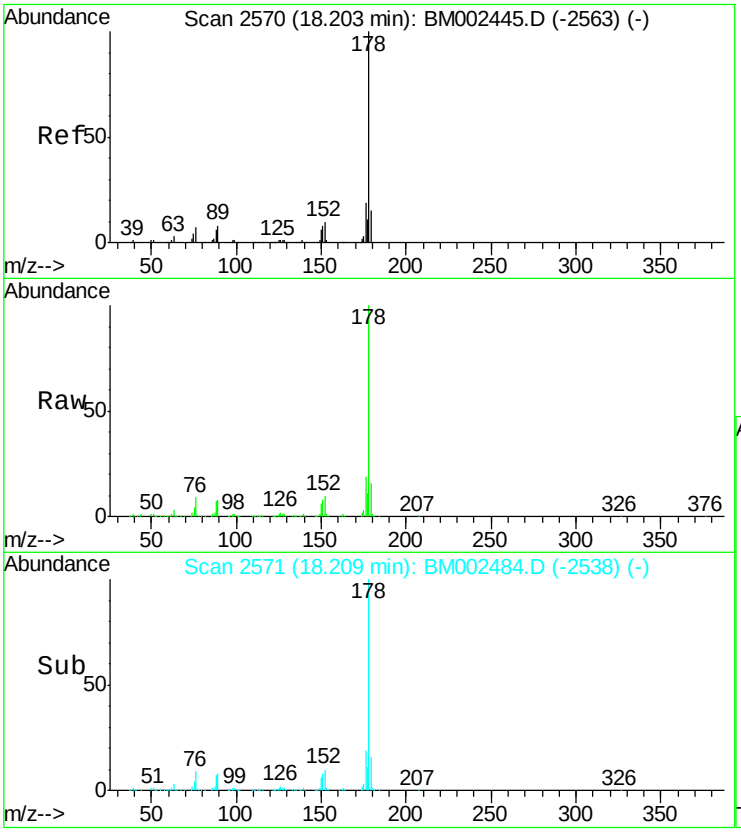


#11
Fluorene
Concen: 19.34 ng/ul
RT: 16.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Tgt Ion:166 Resp: 430984

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.6	116.4
167	13.3	10.7	16.1



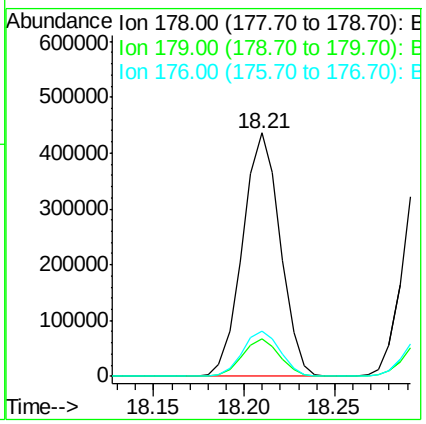


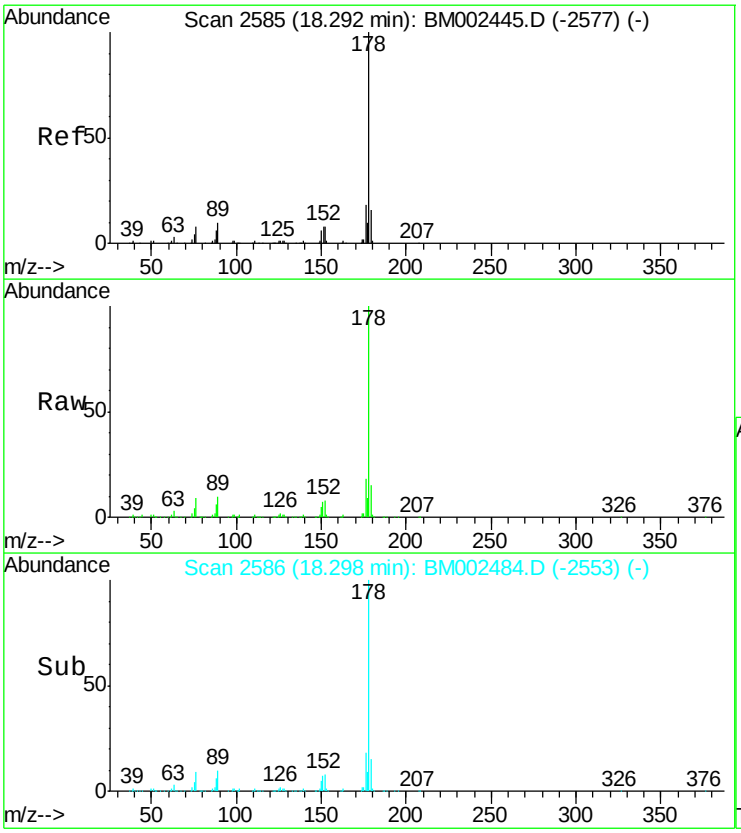
#13
Phenanthrene
Concen: 19.56 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Tgt Ion:178 Resp: 630362

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.8	15.1	22.7

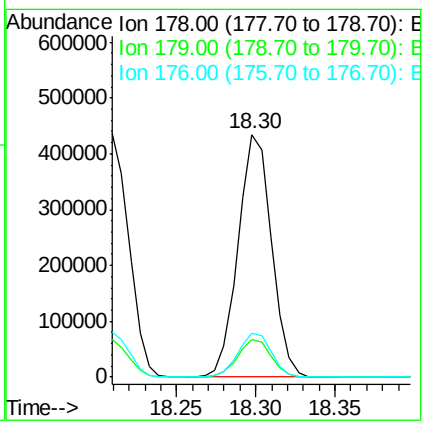


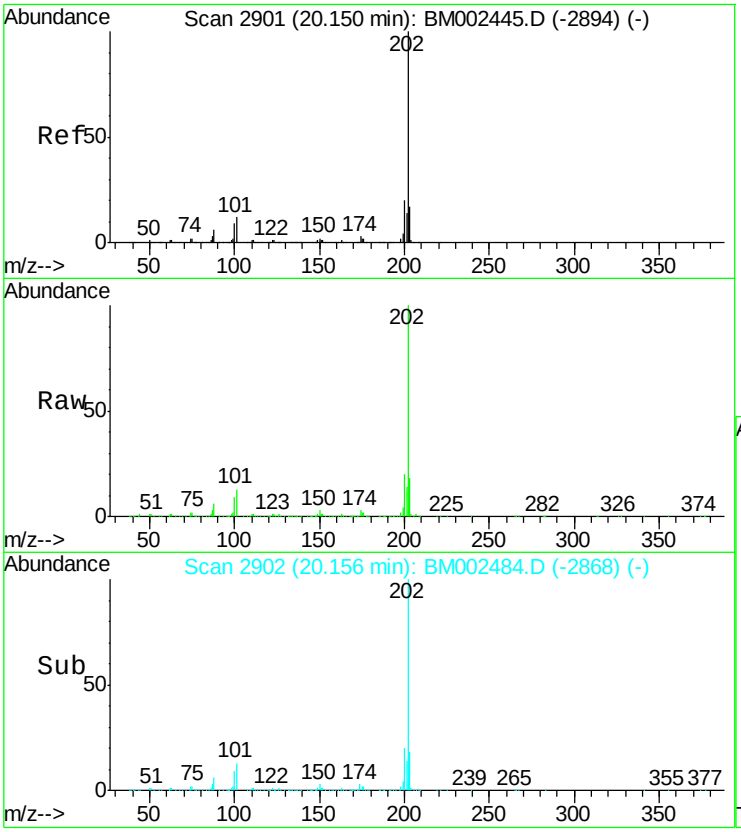


#15
Anthracene
Concen: 19.51 ng/ul
RT: 18.30 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Tgt Ion:178 Resp: 637056

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	18.2	14.5	21.7



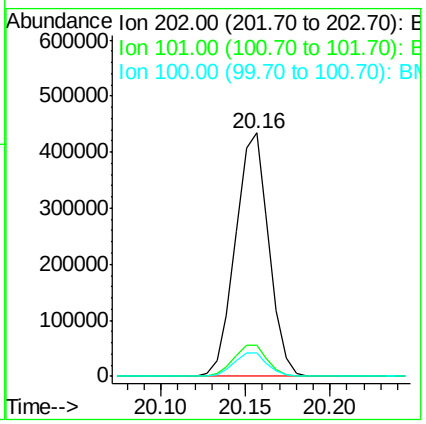


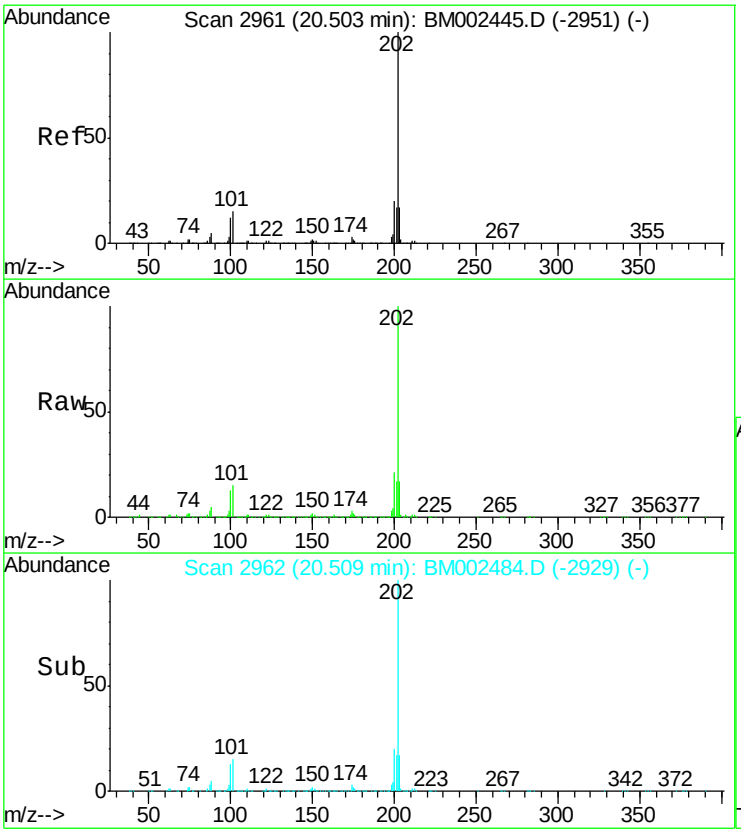
#16
Fluoranthene
Concen: 16.34 ng/ul
RT: 20.16 min Scan# 2902
Delta R.T. -0.00 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Tgt Ion:202 Resp: 596175

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	9.4	7.4	11.2

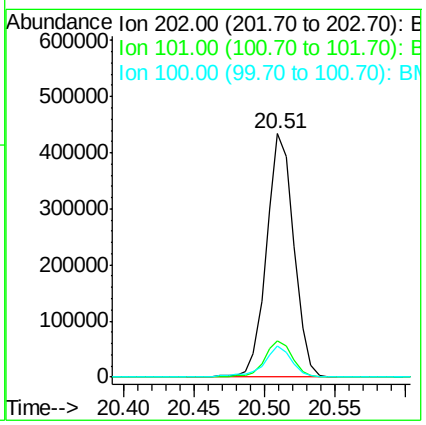


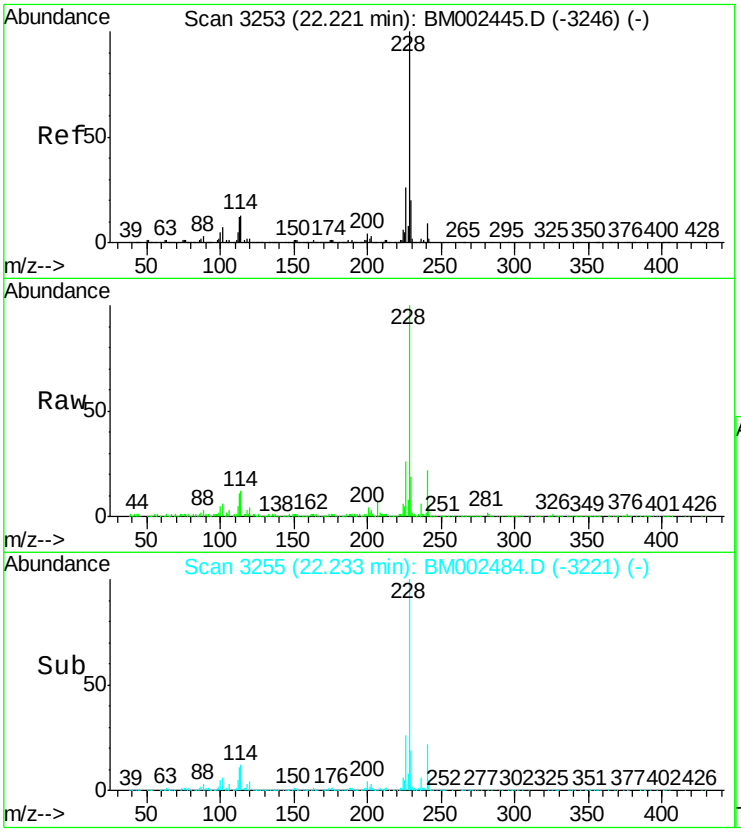


#19
Pyrene
Concen: 25.54 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Tgt Ion:202 Resp: 590302

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.0	18.0
100	12.6	9.7	14.5



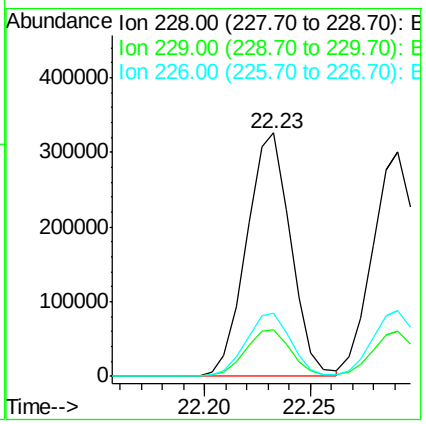


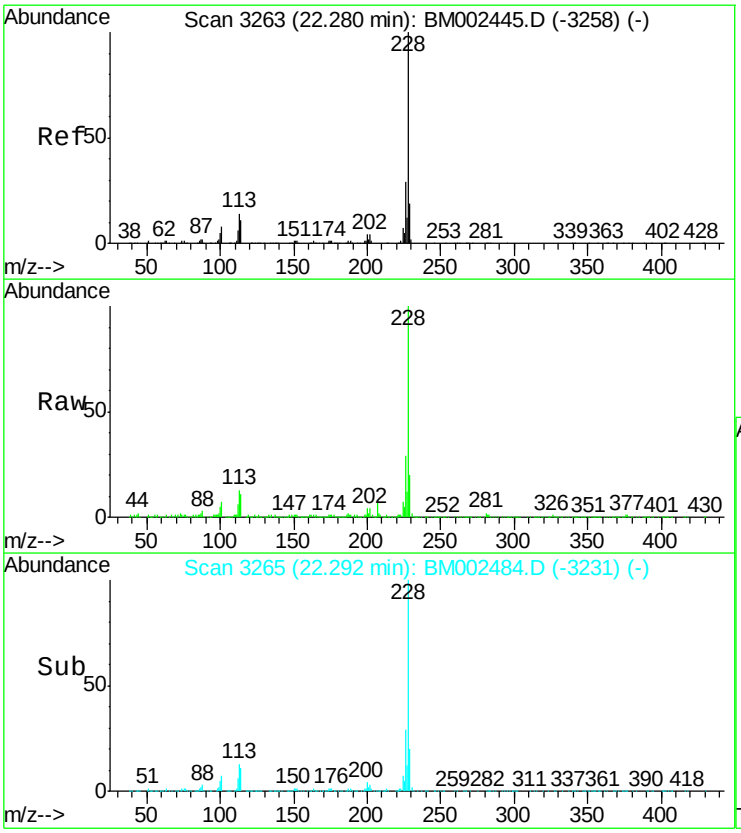
#20
Benzo(a)anthracene
Concen: 20.02 ng/ul
RT: 22.23 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Tgt Ion:228 Resp: 472296

Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.8	23.6
226	26.0	21.1	31.7

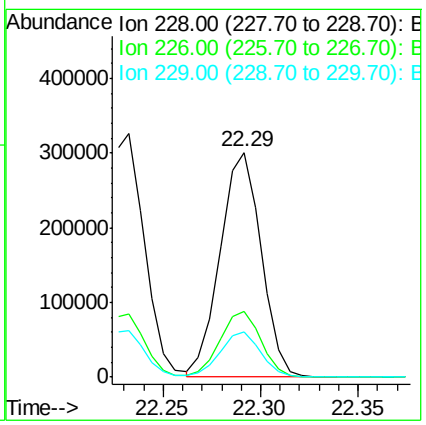


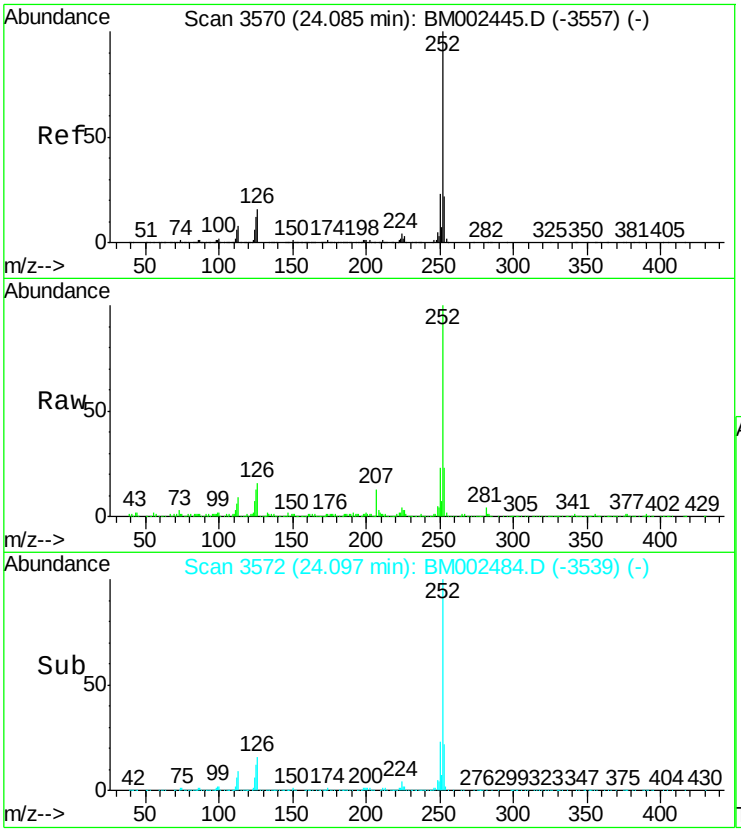


#21
Chrysene
Concen: 19.80 ng/ul
RT: 22.29 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Tgt Ion:228 Resp: 436906

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	20.2	15.7	23.5



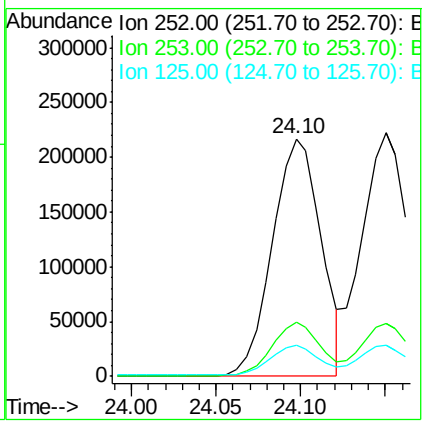


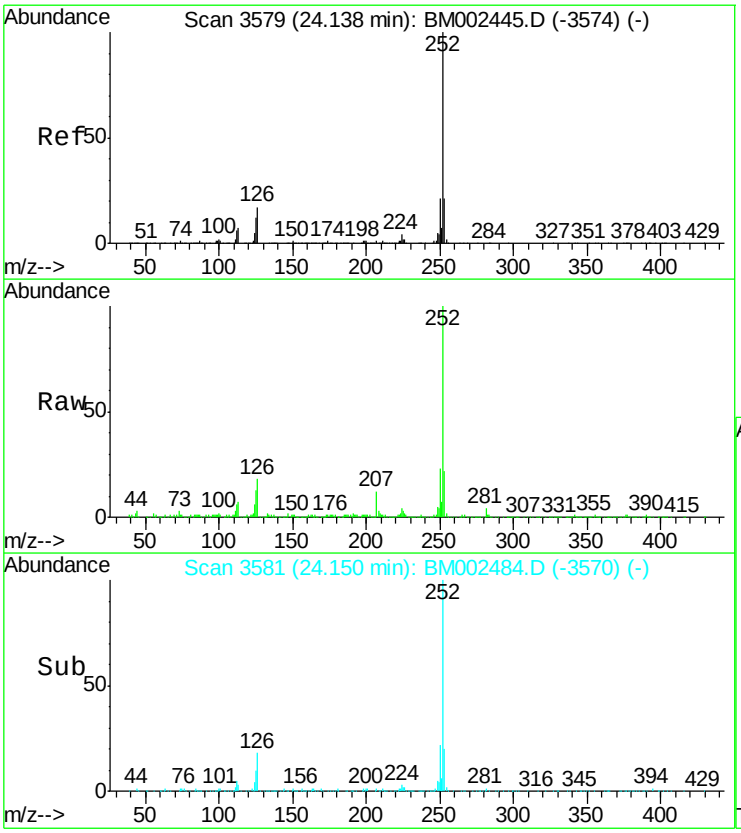
#23
Benzo(b)fluoranthene
Concen: 19.32 ng/ul
RT: 24.10 min Scan# 3572
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Tgt Ion:252 Resp: 432453

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	12.9	10.0	15.0

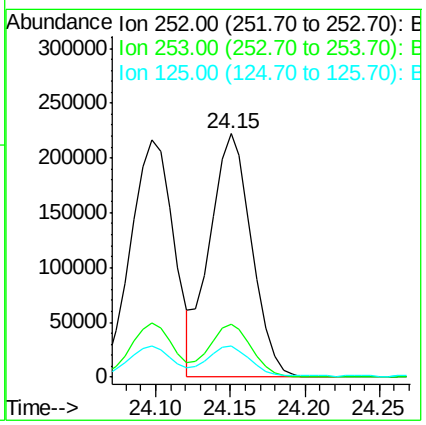


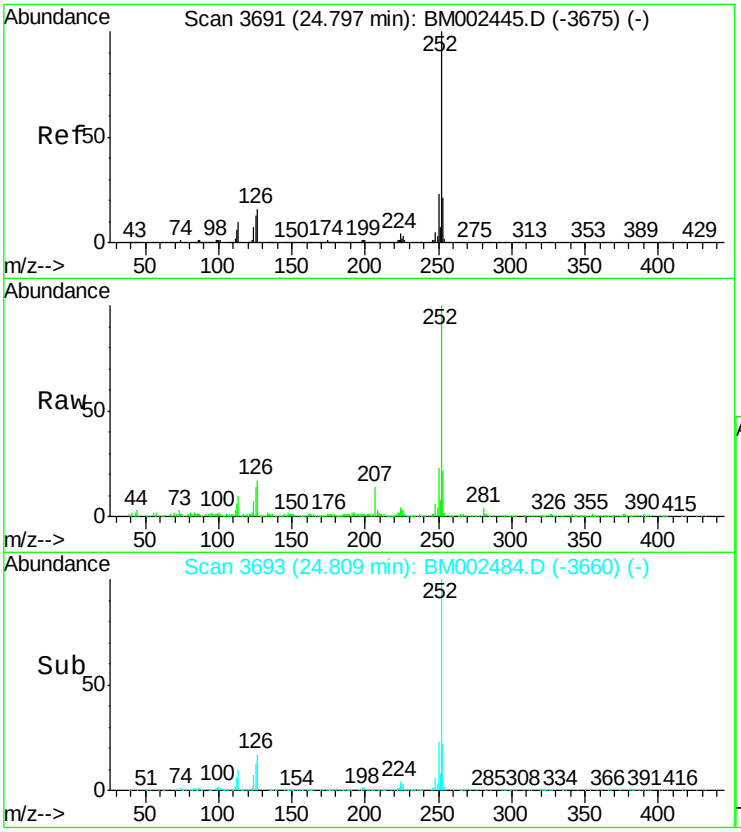


#24
Benzo(k)fluoranthene
Concen: 20.40 ng/ul
RT: 24.15 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Tgt Ion:252 Resp: 432585

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	12.8	9.8	14.8



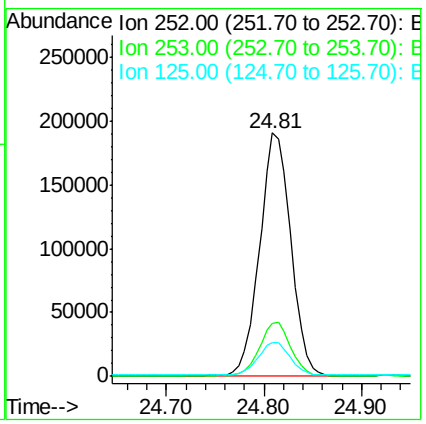


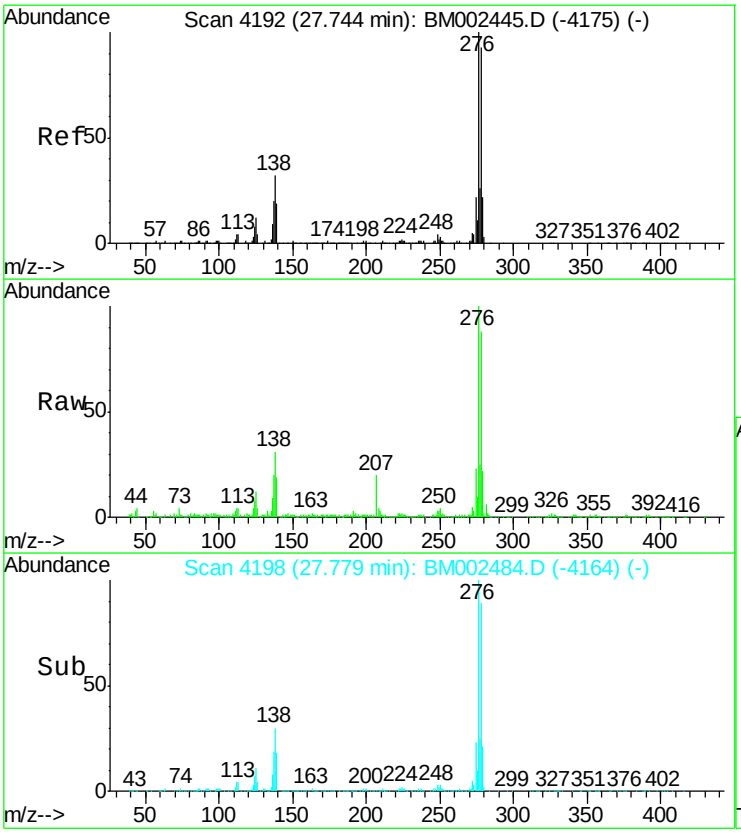
#26
Benzo(a)pyrene
Concen: 19.84 ng/ul
RT: 24.81 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Tgt Ion:252 Resp: 424052

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	13.8	10.7	16.1

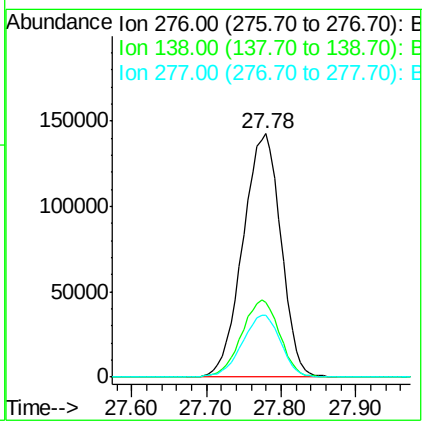


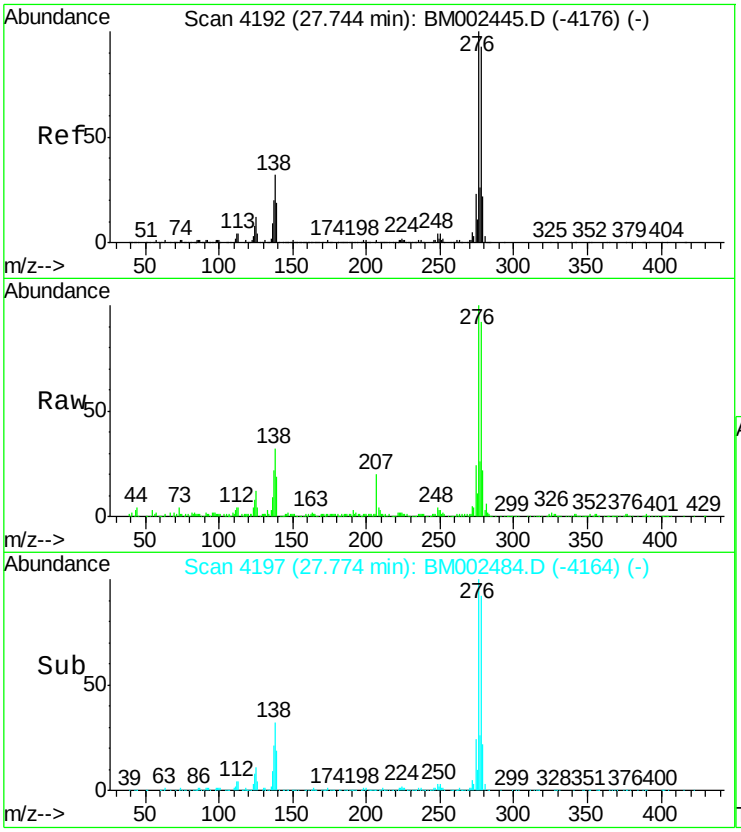


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.44 ng/ul
RT: 27.78 min Scan# 4198
Delta R.T. -0.00 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Tgt Ion:276 Resp: 502463

Ion	Ratio	Lower	Upper
276	100		
138	30.5	25.3	37.9
277	25.2	20.2	30.2



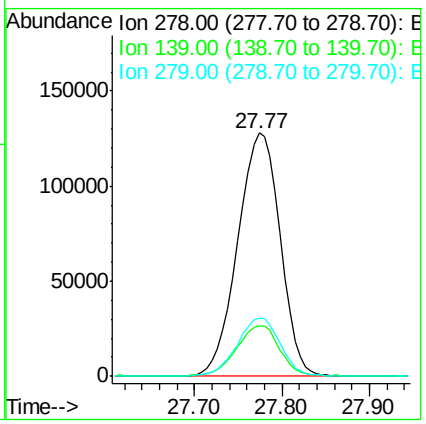


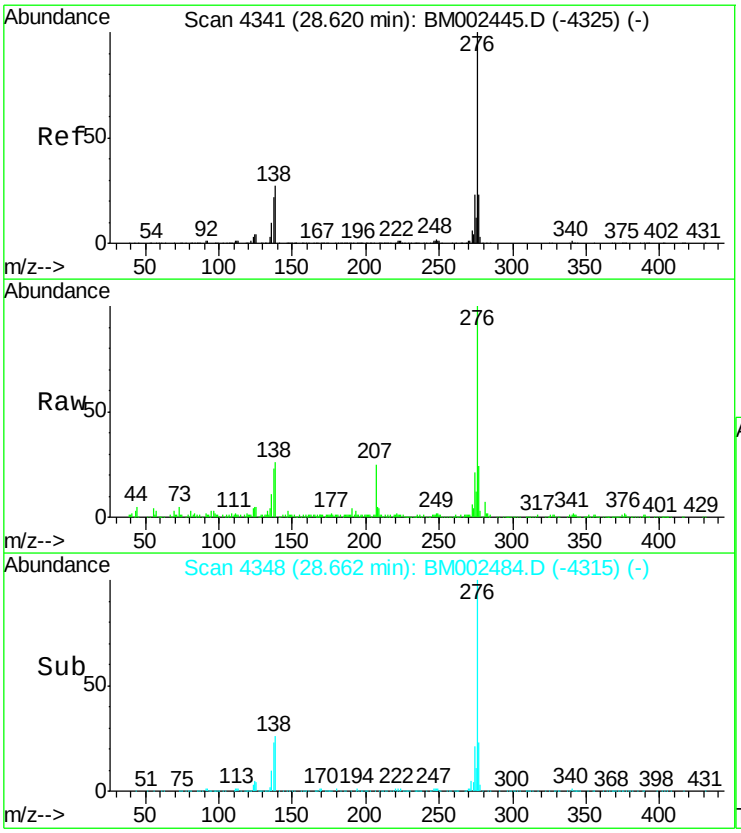
#28
Dibenzo(a,h)anthracene
Concen: 20.52 ng/ul
RT: 27.77 min Scan# 4197
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Tgt Ion:278 Resp: 421755

Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.5	24.7
279	23.9	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 20.71 ng/ul
RT: 28.66 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BM002484.D
Acq: 18 Aug 2015 14:35

Tgt Ion:276 Resp: 423914

Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.0	31.6
277	23.6	19.2	28.8