Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
Data File : BM002544.D
Acq On : 22 Aug 2015 05:20
Operator : UM/IZ
Sample : G3372-23
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DX3

Quant Time: Aug 22 07:37:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 23:16:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	72377	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	359637	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	204589	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.11	188	466489	20.00	ng/ul	0.00
17) Chrysene-d12	22.20	240	570320	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	523915	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.11	160	452469	21.63	ng/ul	0.00
10) Fluorene-d10	16.37	176	310059	21.10	ng/ul	0.00
14) Anthracene-d10	18.21	188	479647	21.32	ng/ul	0.00
18) Pyrene-d10	20.43	212	514495	20.35	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	476810	17.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.73	128	39081	2.13	ng/ul	97
4) 2-Methylnaphthalene	13.28	142	21124	1.54	ng/ul	99
8) Acenaphthylene	15.13	152	90766	4.15	ng/ul	98
9) Acenaphthene	15.46	153	31046	2.15	ng/ul	97
11) Fluorene	16.43	166	48799	2.95	ng/ul#	98
13) Phenanthrene	18.16	178	1486866	55.20	ng/ul	100
15) Anthracene	18.24	178	135831	4.98	ng/ul	99
16) Fluoranthene	20.11	202	2204796	72.30	ng/ul	98
19) Pyrene	20.46	202	1712530	51.26	ng/ul	98
20) Benzo(a)anthracene	22.18	228	641854	18.82	ng/ul	99
21) Chrysene	22.24	228	896627	28.11	ng/ul	97
23) Benzo(b)fluoranthene	24.03	252	1029953	32.52	ng/ul	97
24) Benzo(k)fluoranthene	24.23	252	103038	3.43	ng/ul#	86
26) Benzo(a)pyrene	24.73	252	566381	18.72	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.63	276	382327	10.99	ng/ul	95
28) Dibenzo(a,h)anthracene	27.63	278	97750	3.36	ng/ul#	71
29) Benzo(g,h,i)perylene	28.51	276	350451	12.10	ng/ul	98

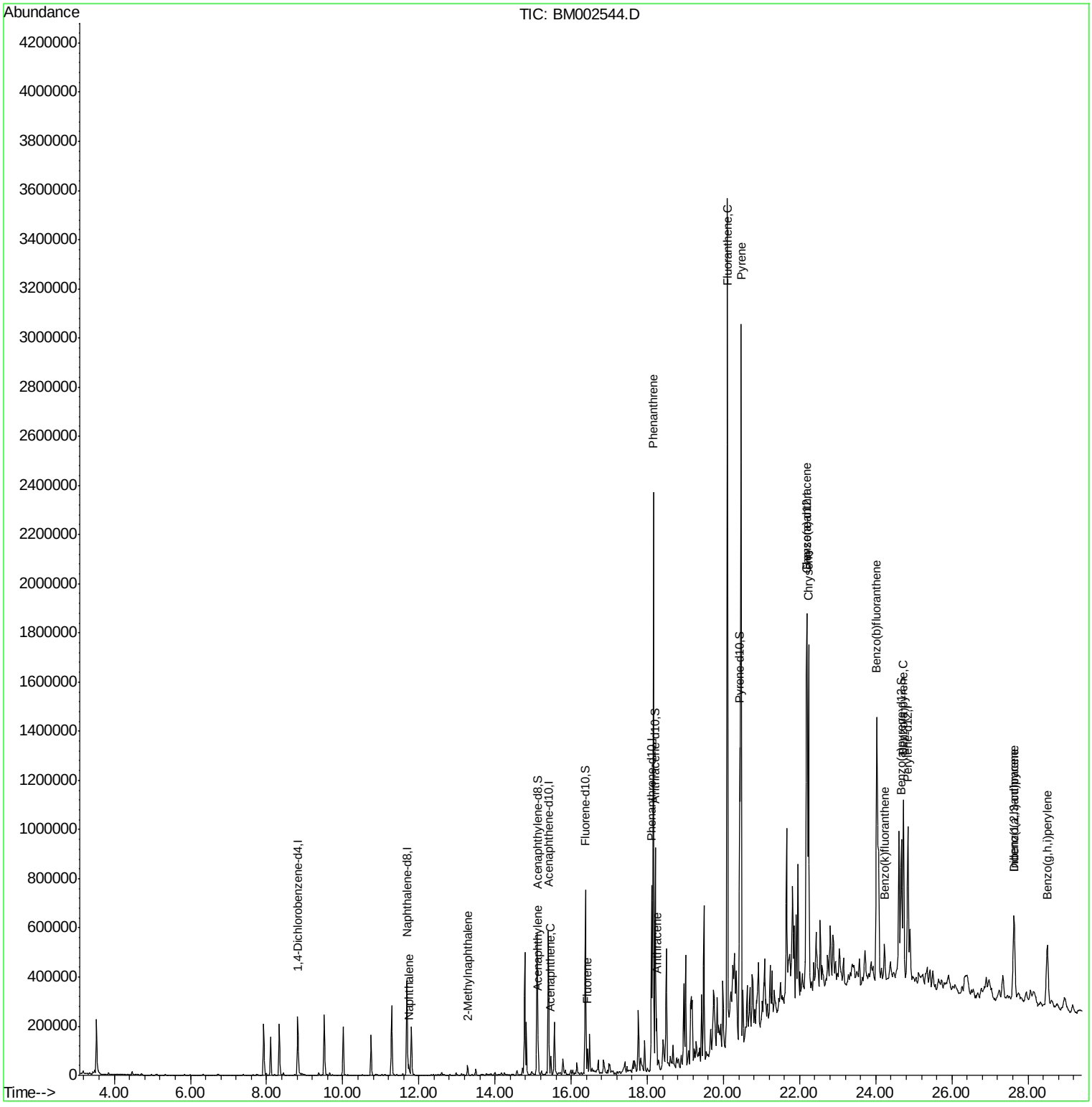
(#) = qualifier out of range (m) = manual integration (+) = signals summed

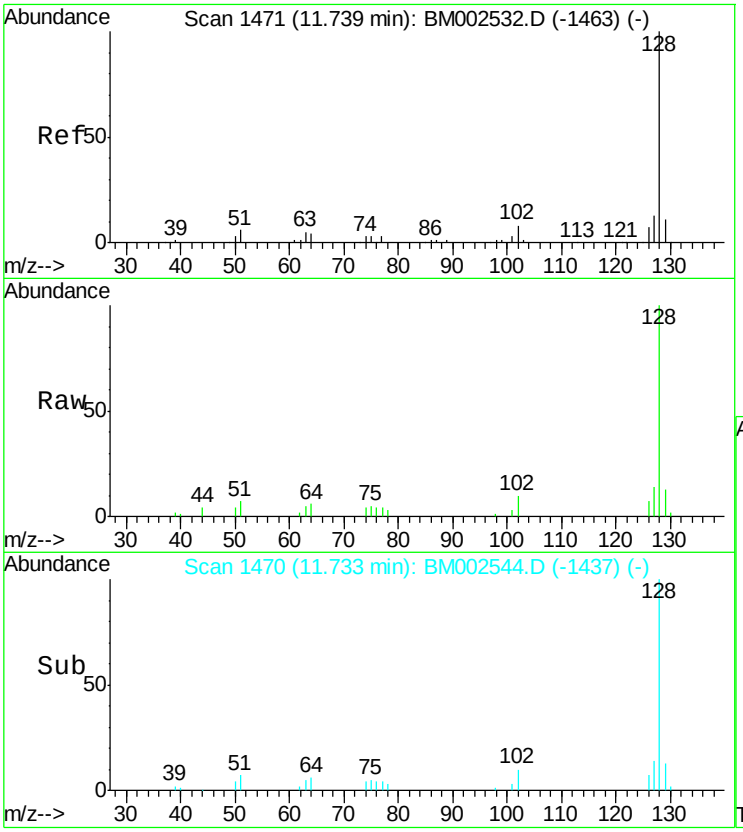
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
Data File : BM002544.D
Acq On : 22 Aug 2015 05:20
Operator : UM/IZ
Sample : G3372-23
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DX3

Quant Time: Aug 22 07:37:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 23:16:58 2015
Response via : Initial Calibration



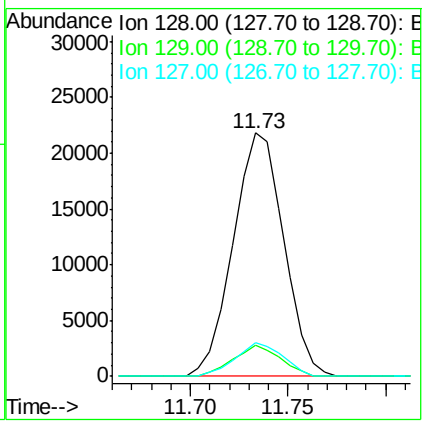


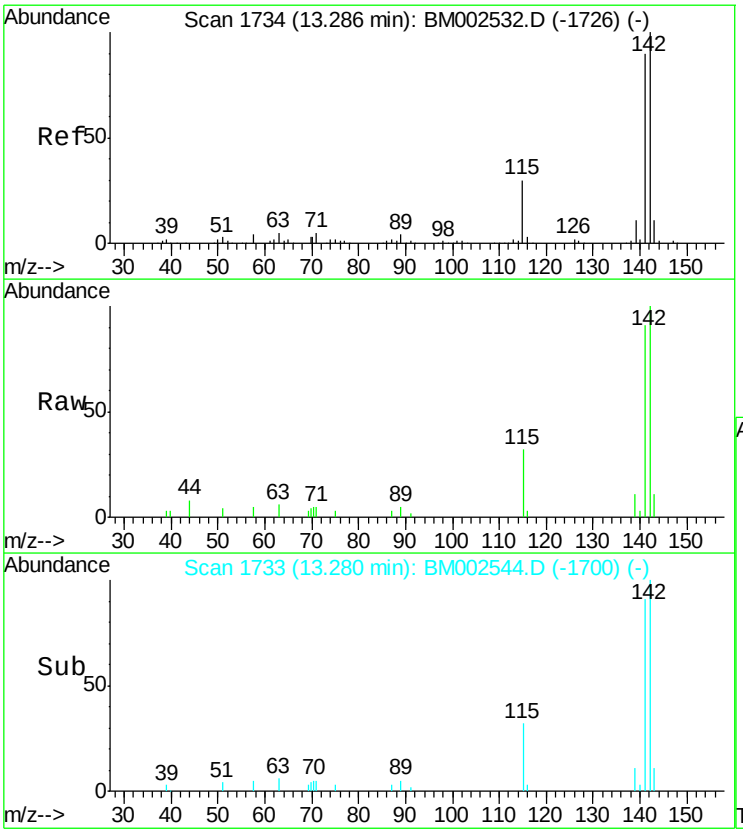
#3
Naphthalene
Concen: 2.13 ng/ul
RT: 11.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Instrument :
BNA_M
ClientSampleId :
D9DX3

Tgt Ion:128 Resp: 39081

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.6	12.8
127	13.7	10.4	15.6

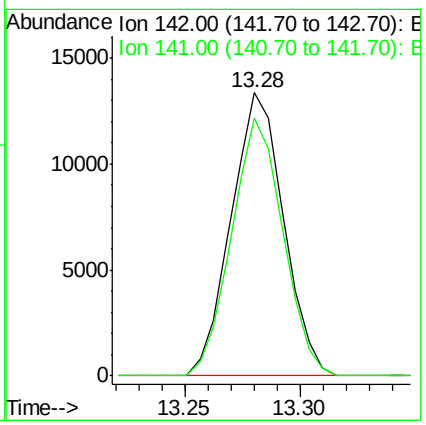


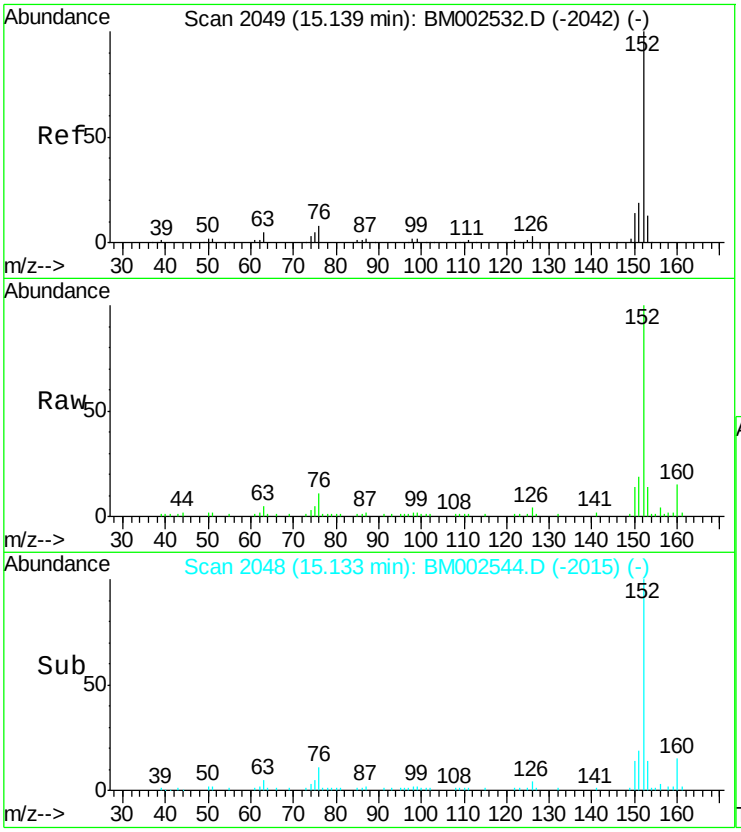


#4
2-Methylnaphthalene
Concen: 1.54 ng/ul
RT: 13.28 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Tgt Ion:142 Resp: 21124

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.2	108.2



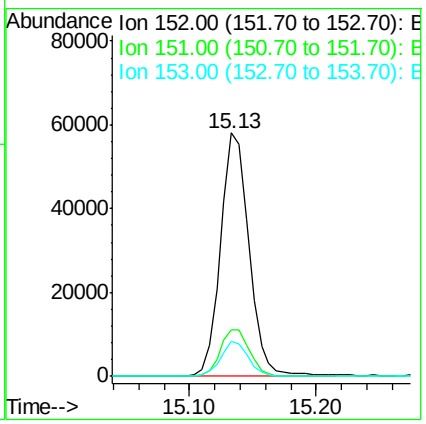


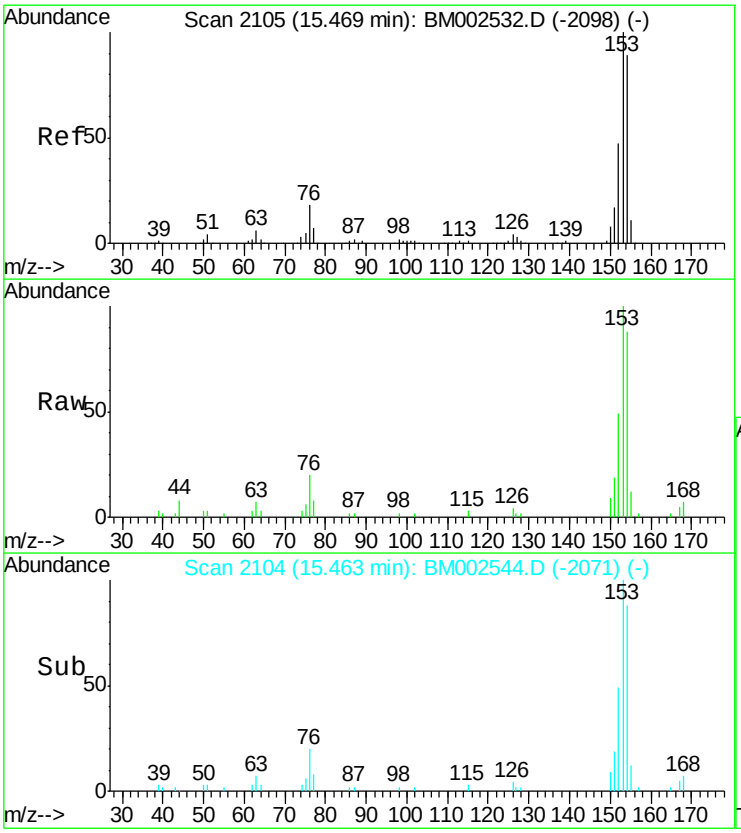
#8
Acenaphthylene
Concen: 4.15 ng/ul
RT: 15.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Instrument :
BNA_M
ClientSampleId :
D9DX3

Tgt Ion:152 Resp: 90766

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	14.1	10.2	15.4

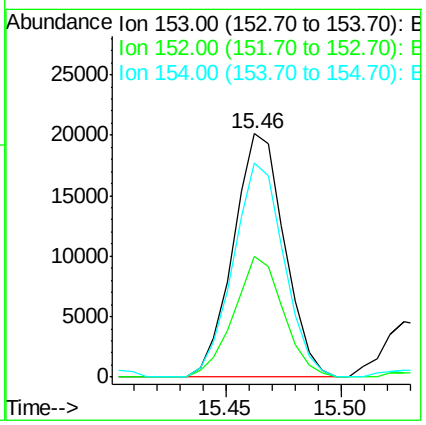


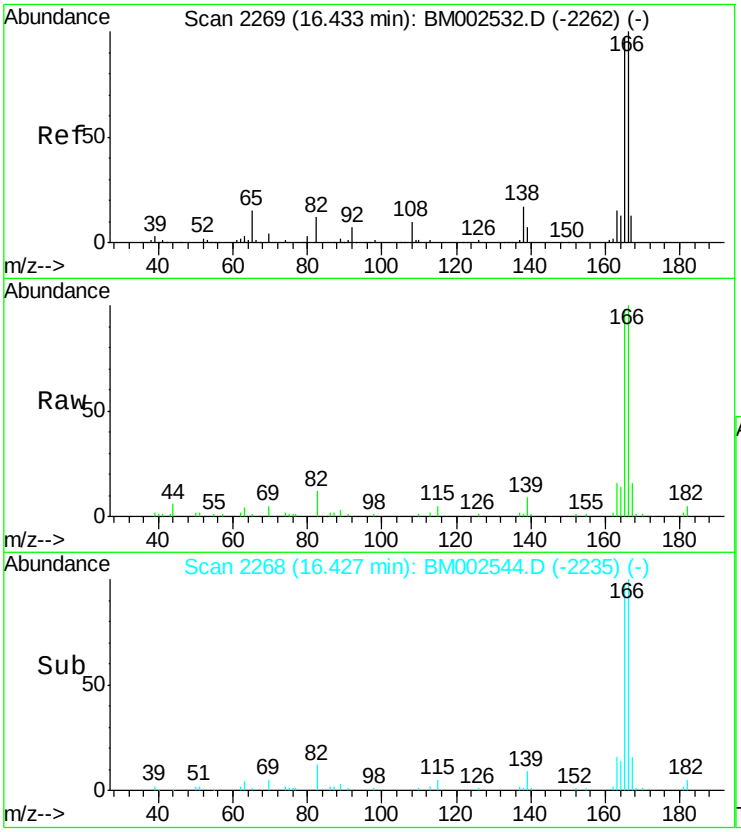


#9
Acenaphthene
Concen: 2.15 ng/ul
RT: 15.46 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Tgt Ion:153 Resp: 31046

Ion	Ratio	Lower	Upper
153	100		
152	49.4	36.9	55.3
154	87.7	71.3	106.9



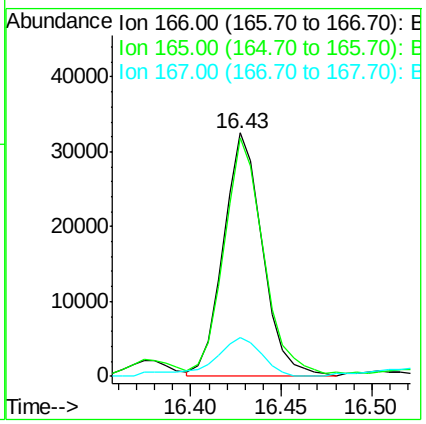


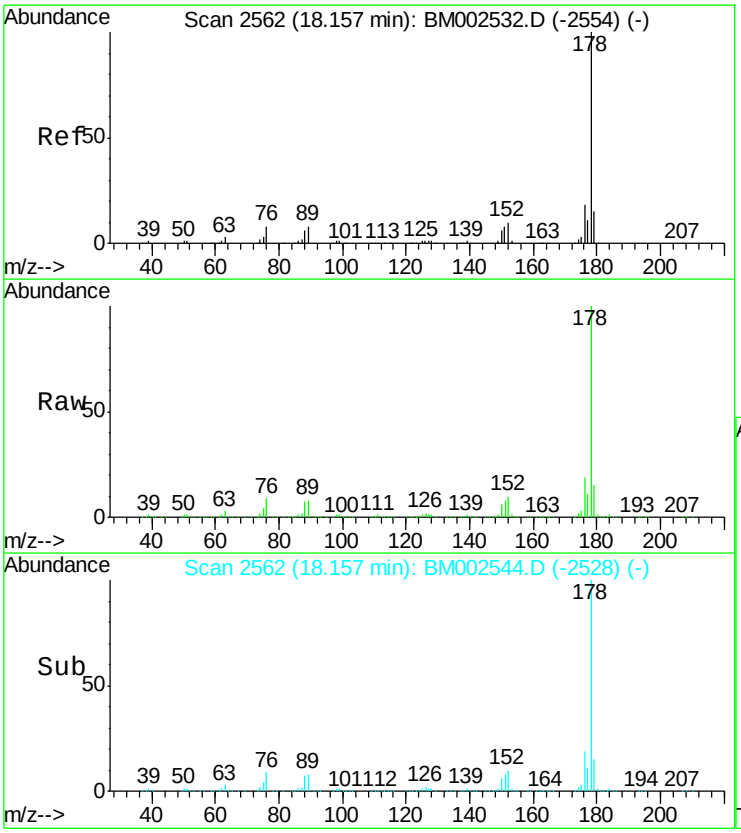
#11
Fluorene
Concen: 2.95 ng/ul
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Instrument :
BNA_M
ClientSampleId :
D9DX3

Tgt Ion:166 Resp: 48799

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.6	116.4
167	16.1	10.7	16.1#

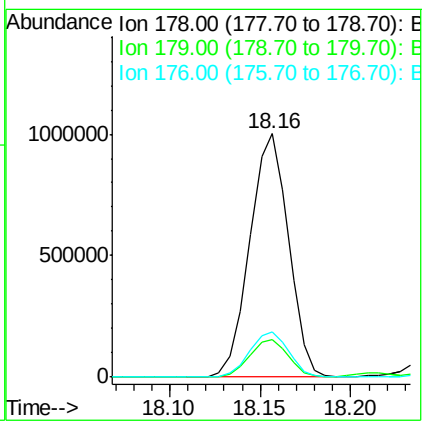


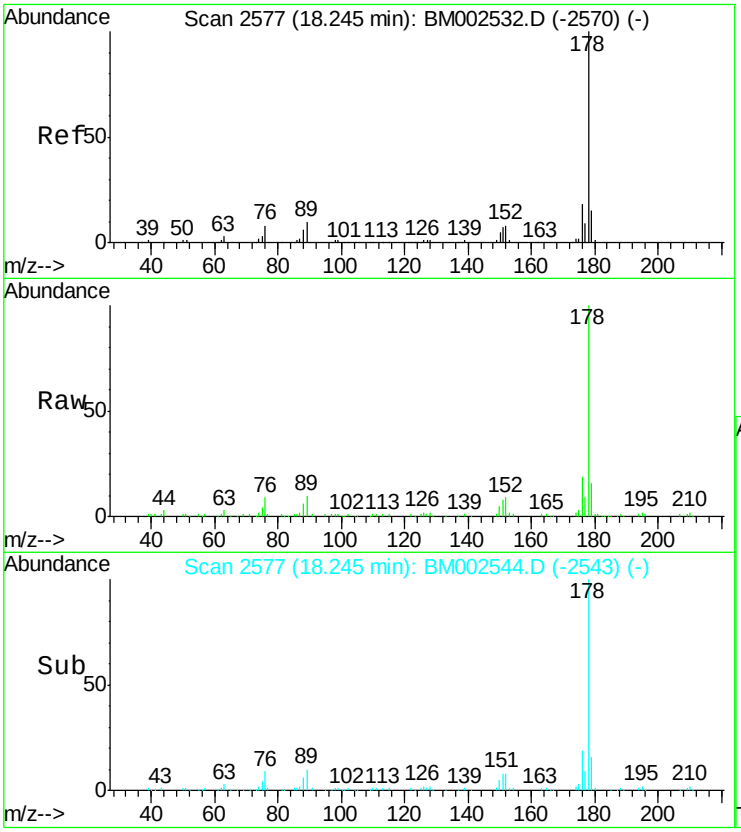


#13
Phenanthrene
Concen: 55.20 ng/ul
RT: 18.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Tgt Ion:178 Resp: 1486866

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.7	15.1	22.7



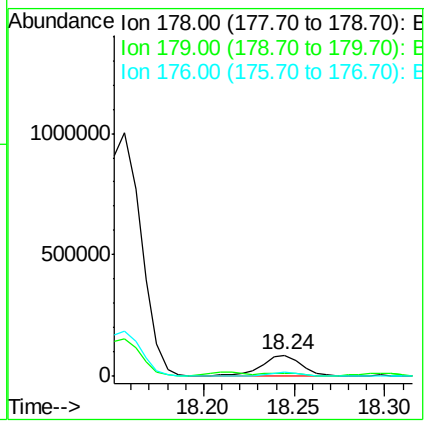


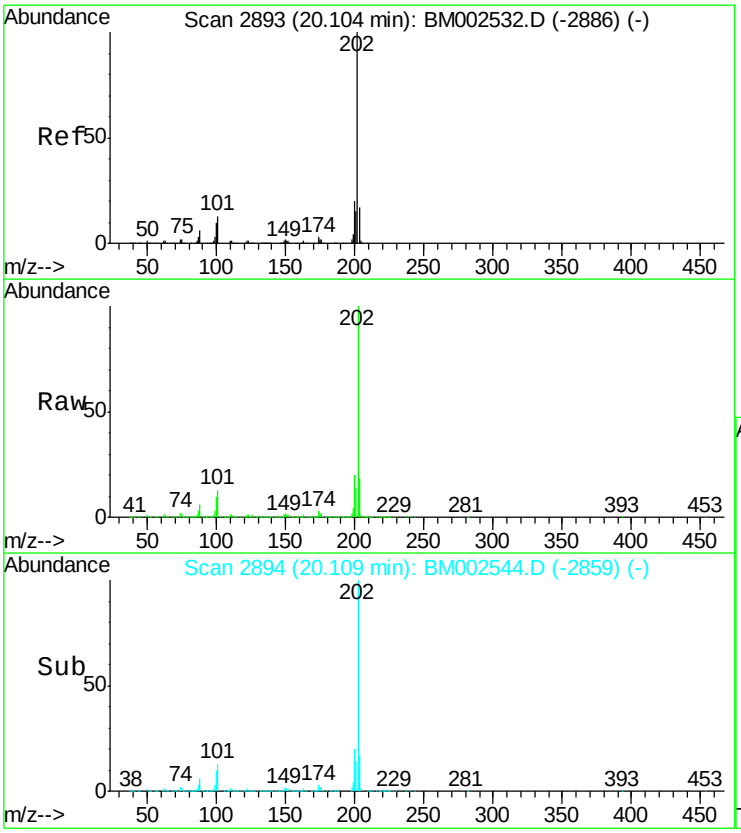
#15
Anthracene
Concen: 4.98 ng/ul
RT: 18.24 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Instrument :
BNA_M
ClientSampleId :
D9DX3

Tgt Ion:178 Resp: 135831

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	18.7	14.5	21.7

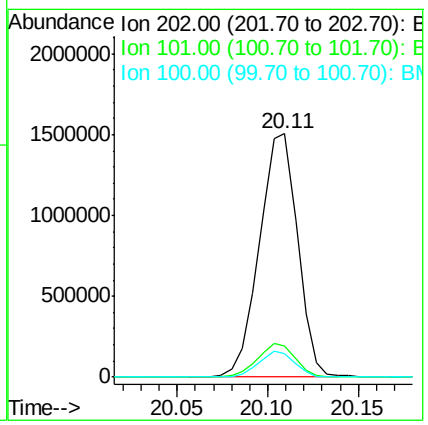


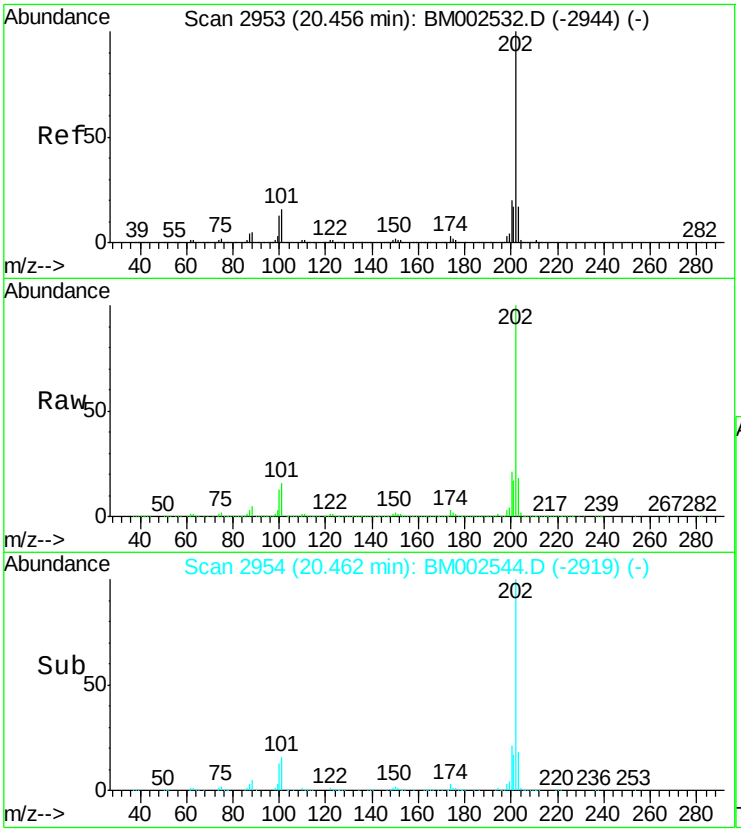


#16
Fluoranthene
Concen: 72.30 ng/ul
RT: 20.11 min Scan# 2894
Delta R.T. 0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Tgt Ion:202 Resp: 2204796

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
100	9.6	7.4	11.2



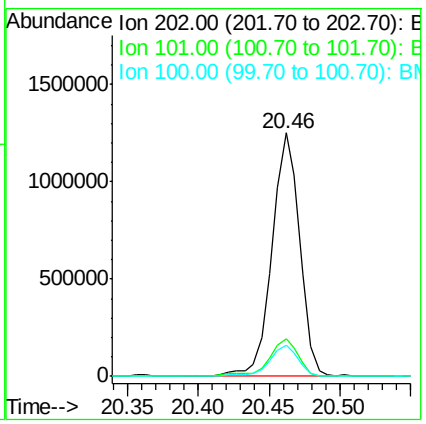


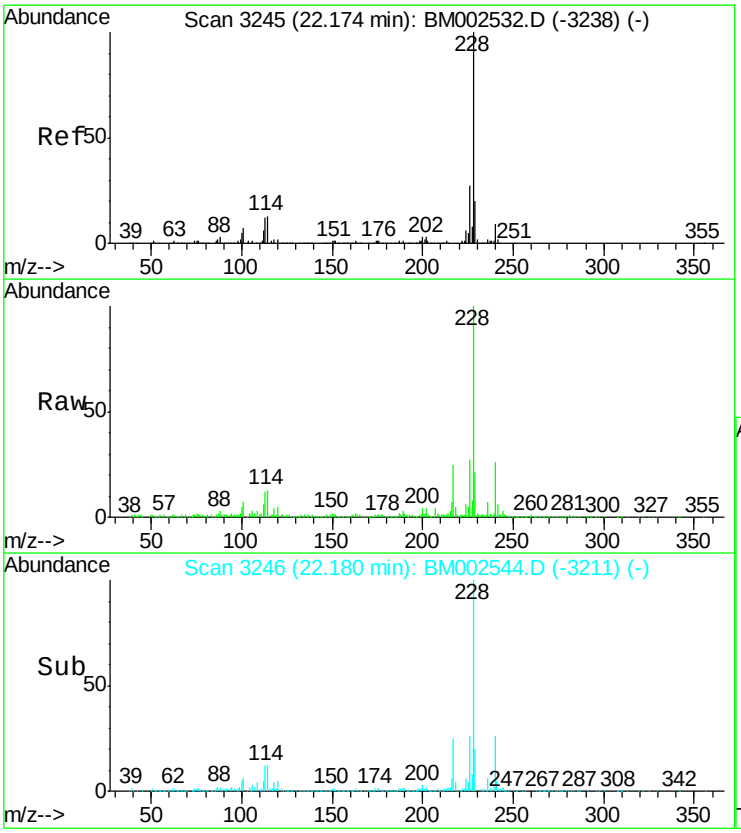
#19
Pyrene
Concen: 51.26 ng/ul
RT: 20.46 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Instrument :
BNA_M
ClientSampleId :
D9DX3

Tgt Ion:202 Resp: 1712530

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.0	18.0
100	12.8	9.7	14.5

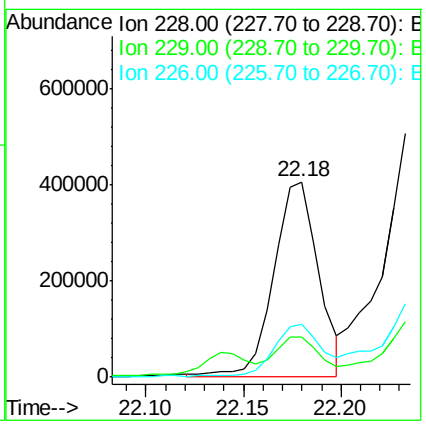


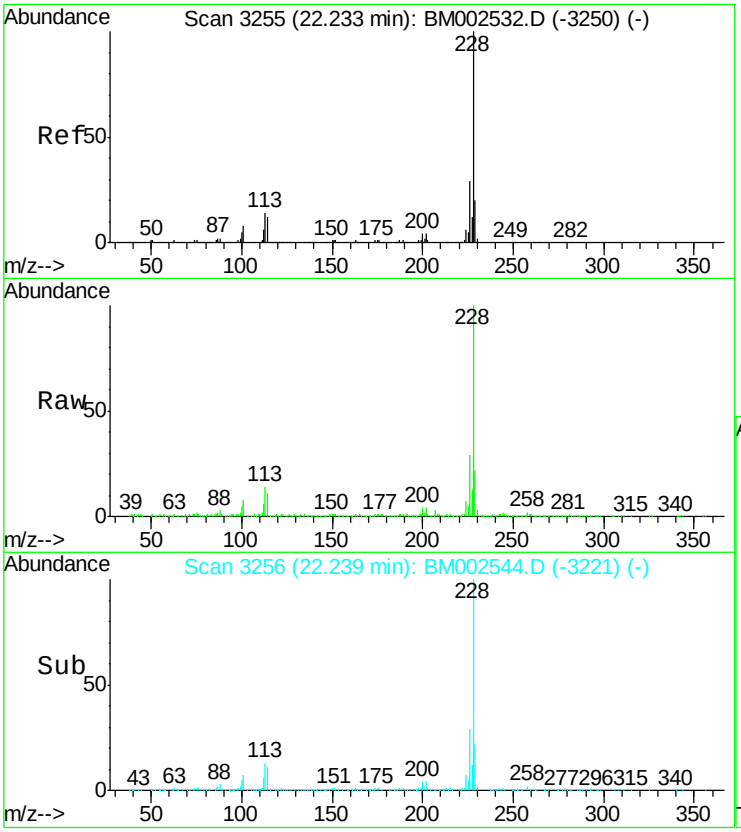


#20
Benzo(a)anthracene
Concen: 18.82 ng/ul
RT: 22.18 min Scan# 3246
Delta R.T. 0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Tgt Ion:228 Resp: 641854

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	26.8	21.1	31.7



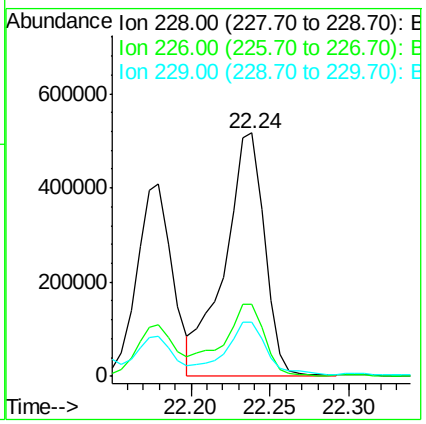


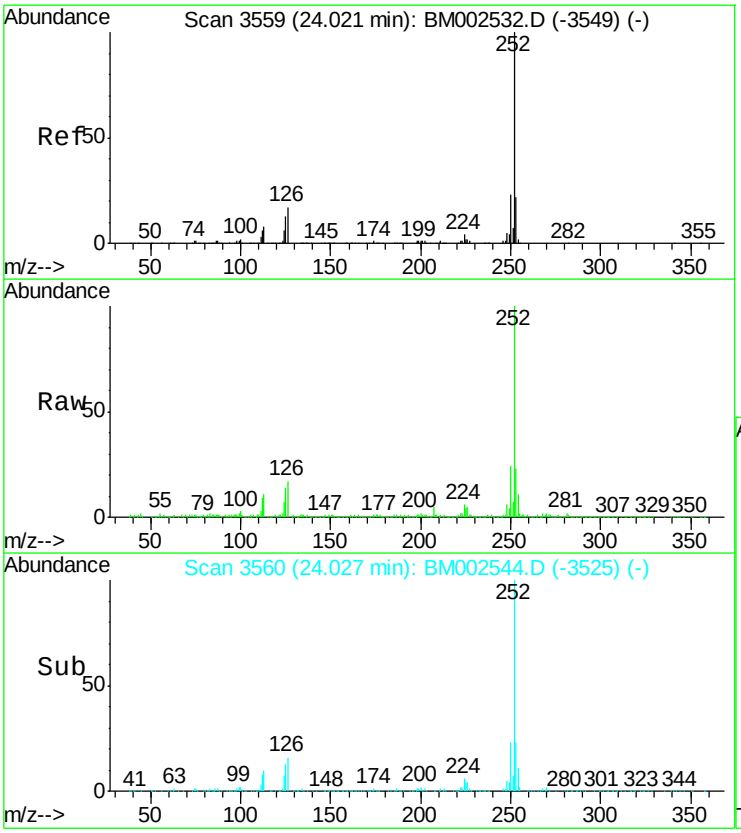
#21
Chrysene
Concen: 28.11 ng/ul
RT: 22.24 min Scan# 3256
Delta R.T. 0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Instrument :
BNA_M
ClientSampleId :
D9DX3

Tgt Ion:228 Resp: 896627

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	22.4	15.7	23.5

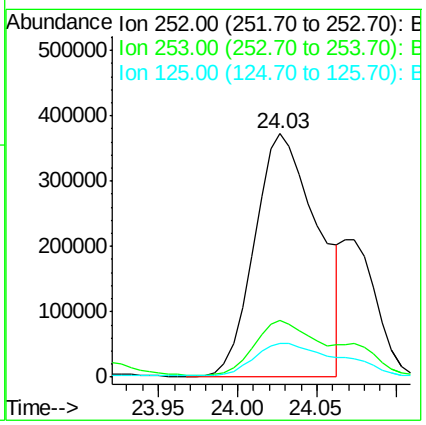


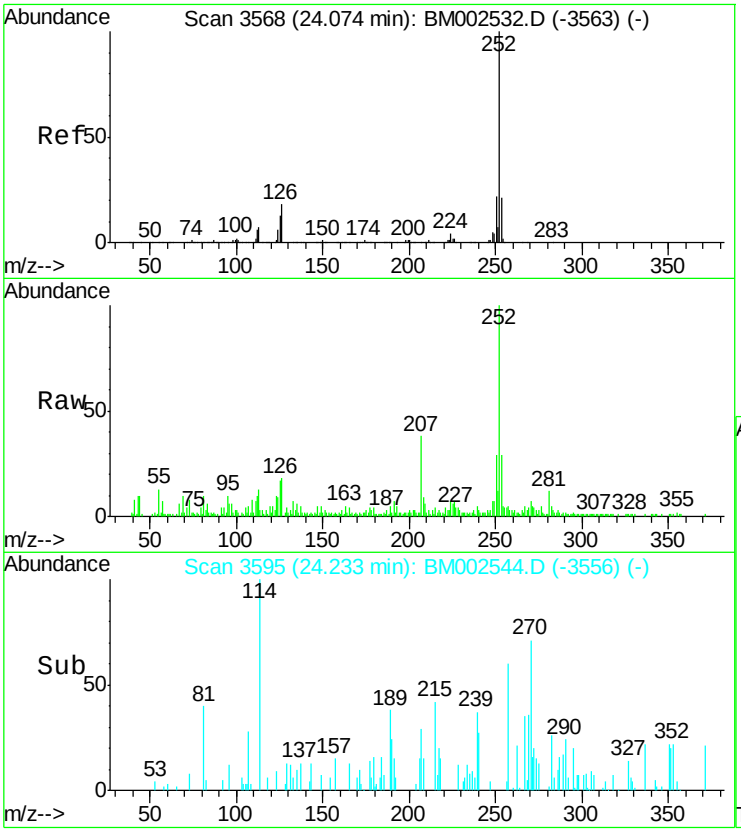


#23
Benzo(b)fluoranthene
Concen: 32.52 ng/ul
RT: 24.03 min Scan# 3560
Delta R.T. 0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Tgt Ion:252 Resp: 1029953

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	13.9	10.0	15.0



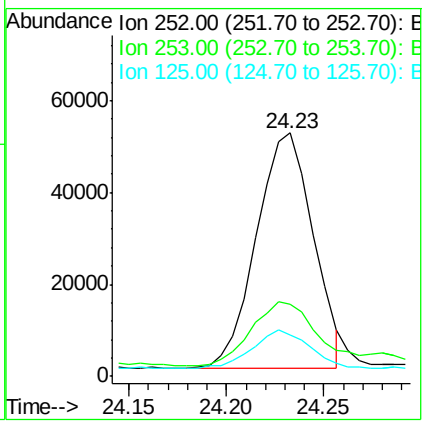


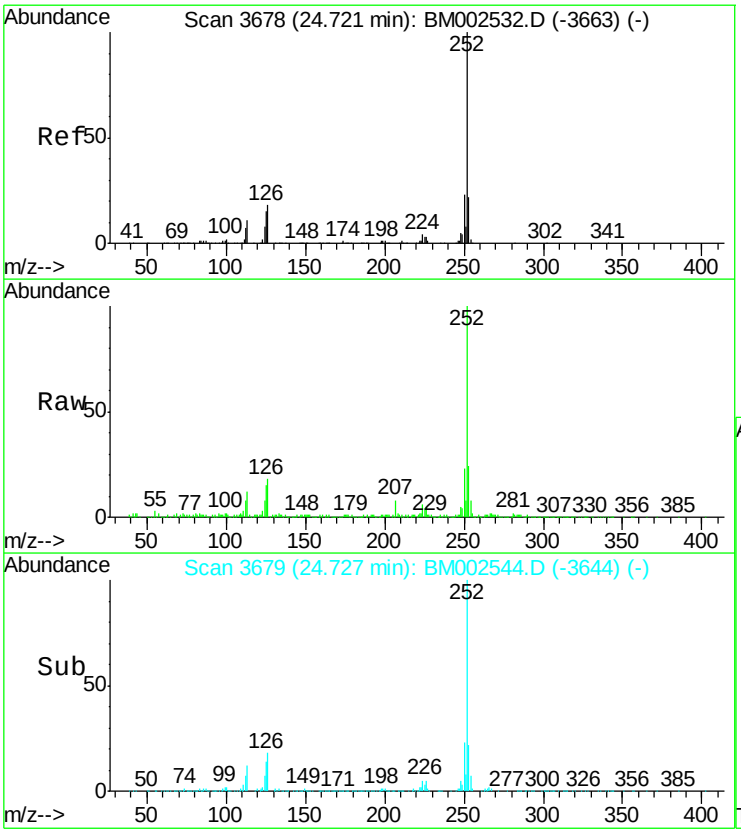
#24
Benzo(k)fluoranthene
Concen: 3.43 ng/ul
RT: 24.23 min Scan# 3595
Delta R.T. 0.16 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Instrument :
BNA_M
ClientSampleId :
D9DX3

Tgt Ion:252 Resp: 103038

Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.8	26.6#
125	16.9	9.8	14.8#

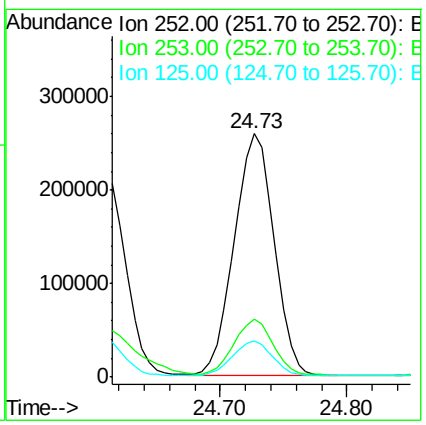


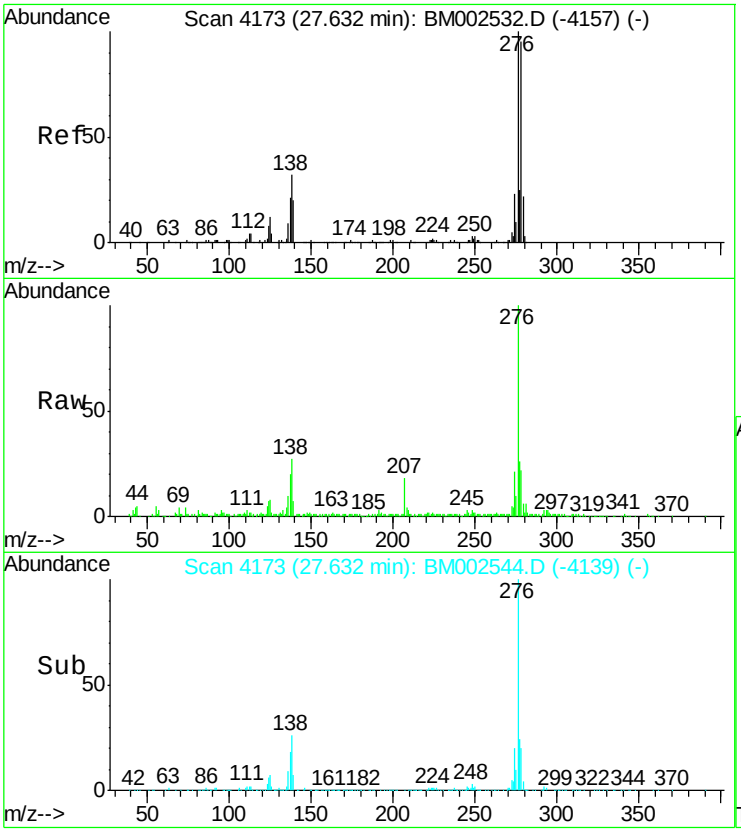


#26
Benzo(a)pyrene
Concen: 18.72 ng/ul
RT: 24.73 min Scan# 3679
Delta R.T. 0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Tgt Ion:252 Resp: 566381

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	14.8	10.7	16.1



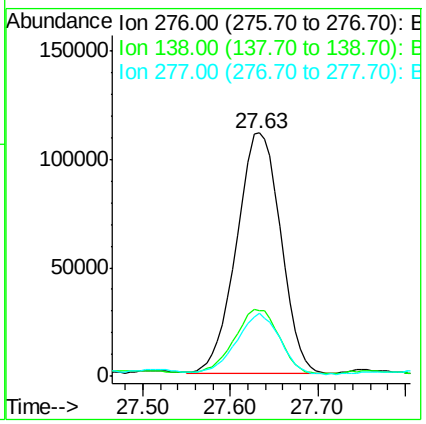


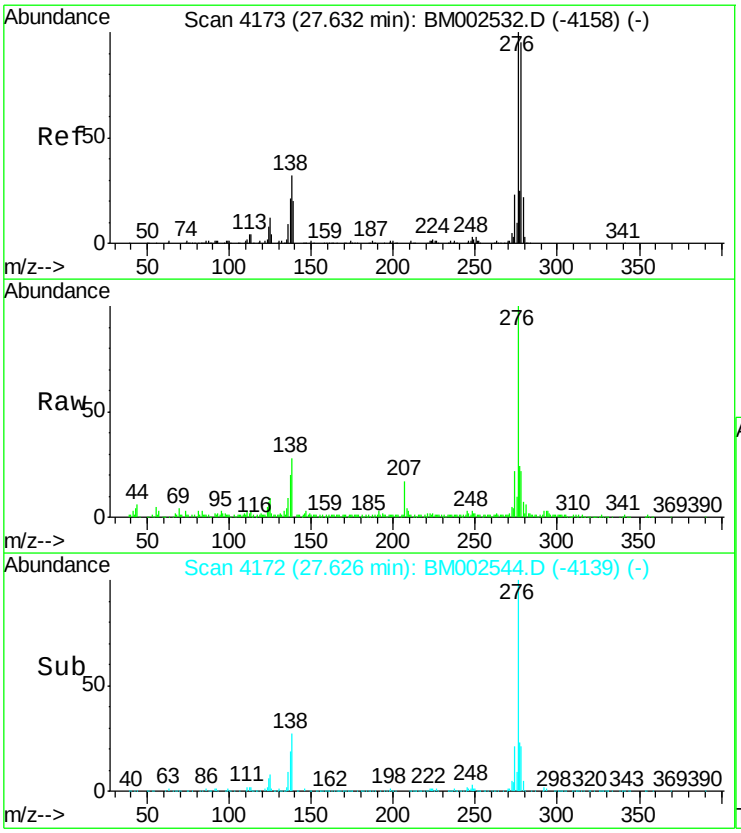
#27
Indeno(1,2,3-cd)pyrene
Concen: 10.99 ng/ul
RT: 27.63 min Scan# 4173
Delta R.T. -0.00 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Instrument :
BNA_M
ClientSampleId :
D9DX3

Tgt Ion:276 Resp: 382327

Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.3	37.9
277	25.8	20.2	30.2

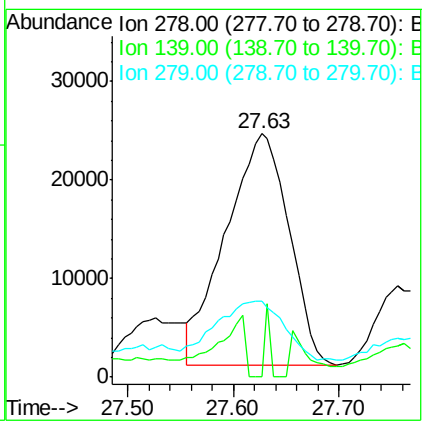


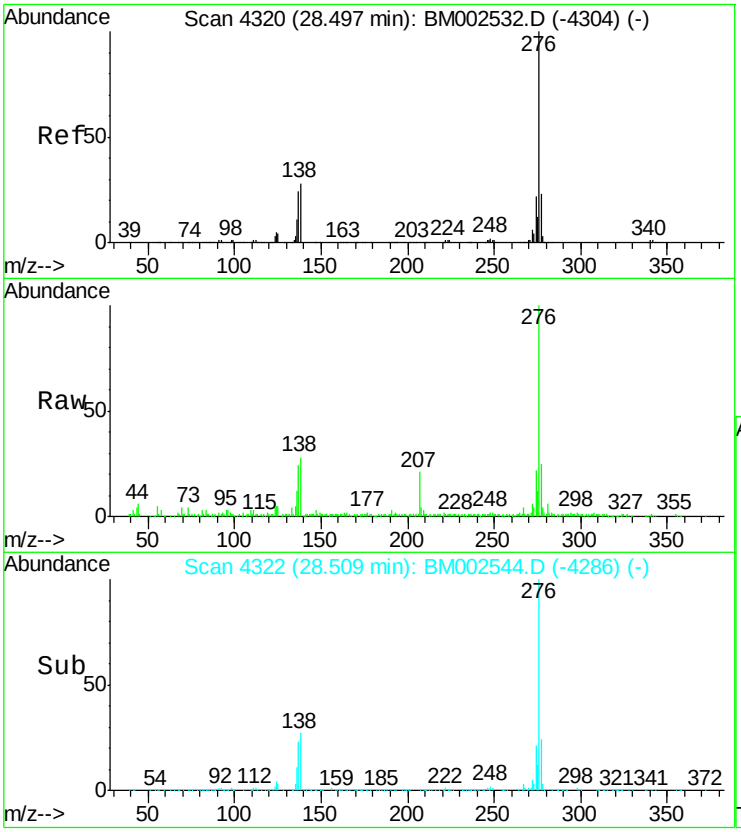


#28
Dibenzo(a,h)anthracene
Concen: 3.36 ng/ul
RT: 27.63 min Scan# 4172
Delta R.T. -0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Tgt Ion:278 Resp: 97750

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	31.4	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 12.10 ng/ul
RT: 28.51 min Scan# 4322
Delta R.T. 0.01 min
Lab File: BM002544.D
Acq: 22 Aug 2015 05:20

Instrument :
BNA_M
ClientSampleId :
D9DX3

Tgt Ion:276 Resp: 350451

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.0	31.6
277	25.1	19.2	28.8