Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061016\
Data File : BM005723.D
Acq On : 11 Jun 2016 03:04
Operator : UM/SJ
Sample : SSTD01038
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01038

Quant Time: Jun 11 05:18:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 05:17:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	66222	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	341364	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	220552	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	518273	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	608675	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	572255	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	6690	4.28	ng/uL	0.00
3) Phenol-d5	6.93	99	54245	9.36	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	37146	10.55	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	47492	9.92	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	45996	9.87	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	24695	9.49	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	27316	9.67	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	52481	10.47	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	70203	11.58	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	196473	11.38	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	237922	10.74	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	23702	9.50	ng/ul	0.00
21) Fluorene-d10	15.38	176	168405	11.38	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	23661	9.41	ng/ul	0.00
26) Anthracene-d10	17.23	188	263920	10.73	ng/ul	0.00
30) Pyrene-d10	19.53	212	296923	9.83	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	279431	10.61	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.59	128	183386	10.60	ng/ul	99
13) 2-Methylnaphthalene	12.20	142	138590	11.32	ng/ul	99
14) 1-Methylnaphthalene	12.42	142	138072	11.44	ng/ul	97
18) Acenaphthylene	14.11	152	245811	10.77	ng/ul	99
19) Acenaphthene	14.45	153	159133	10.72	ng/ul	98
22) Fluorene	15.44	166	188423	11.60	ng/ul	98
25) Phenanthrene	17.17	178	306419	10.71	ng/ul	99
27) Anthracene	17.27	178	309756	10.64	ng/ul	99
28) Fluoranthene	19.19	202	365619	12.15	ng/ul	100
31) Pyrene	19.56	202	381742	10.02	ng/ul	100
32) Benzo(a)anthracene	21.30	228	375301	10.56	ng/ul	98
33) Chrysene	21.35	228	372486	10.93	ng/ul	99
35) Benzo(b)fluoranthene	22.89	252	354763	10.31	ng/ul	99
36) Benzo(k)fluoranthene	22.93	252	376790	11.47	ng/ul	100
38) Benzo(a)pyrene	23.47	252	350966	10.63	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.86	276	340214	9.02	ng/ul	98
40) Dibenzo(a,h)anthracene	25.86	278	286760	9.08	ng/ul	99
41) Benzo(g,h,i)perylene	26.55	276	275755	8.72	ng/ul	98

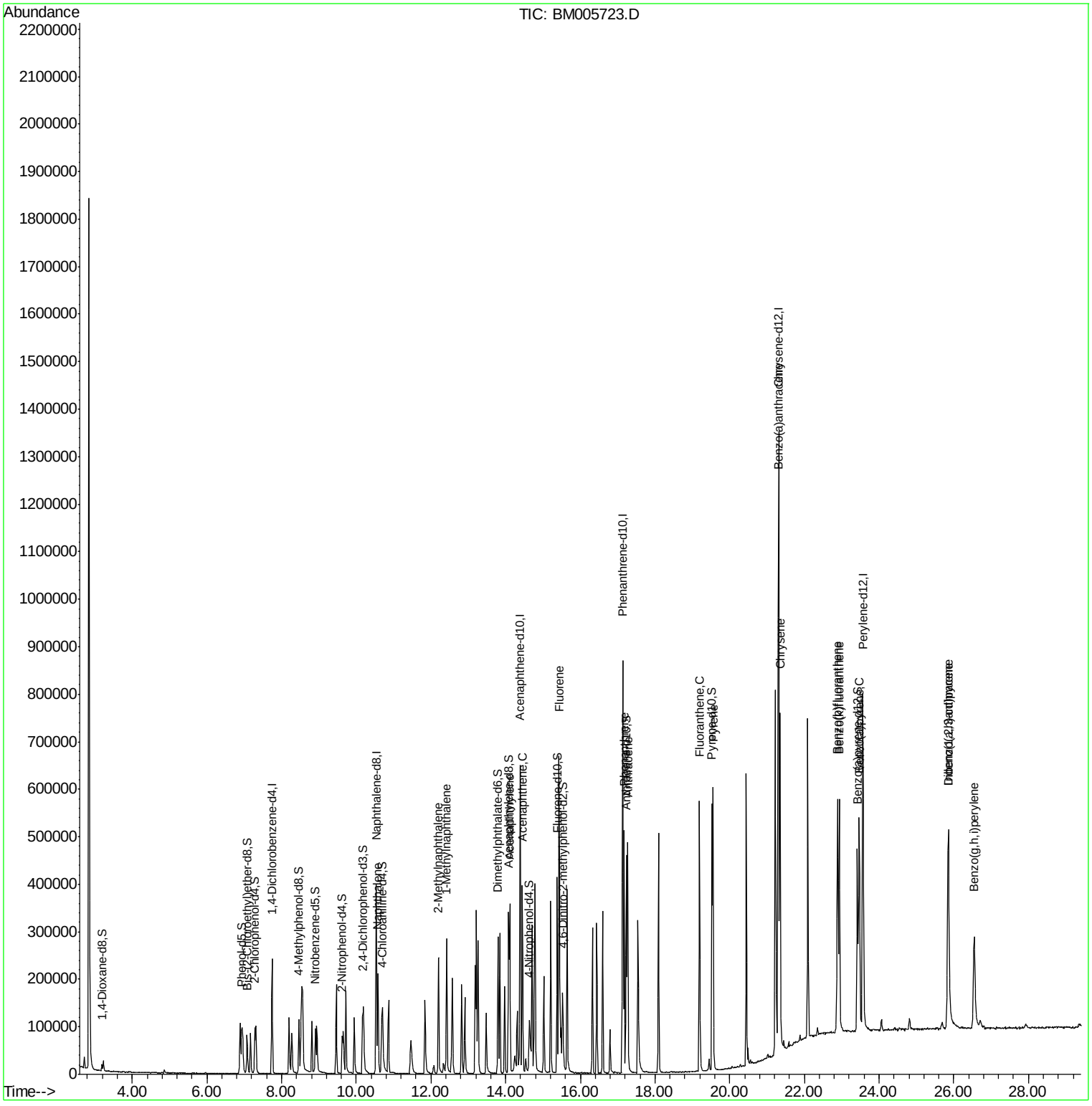
(#) = qualifier out of range (m) = manual integration (+) = signals summed

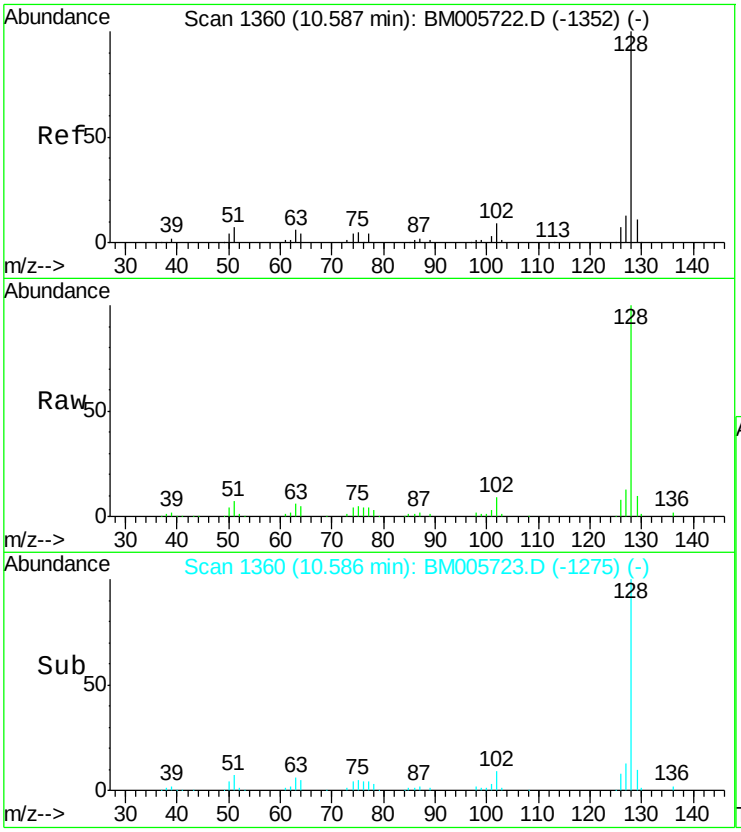
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061016\
Data File : BM005723.D
Acq On : 11 Jun 2016 03:04
Operator : UM/SJ
Sample : SSTD01038
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01038

Quant Time: Jun 11 05:18:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 05:17:22 2016
Response via : Initial Calibration



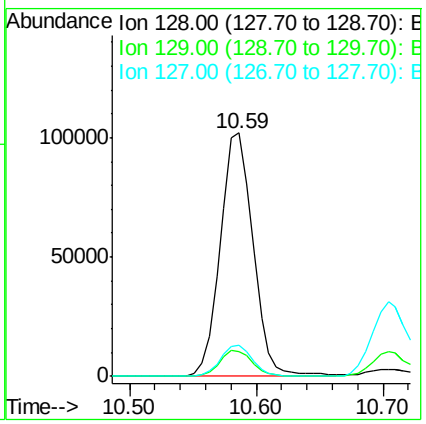


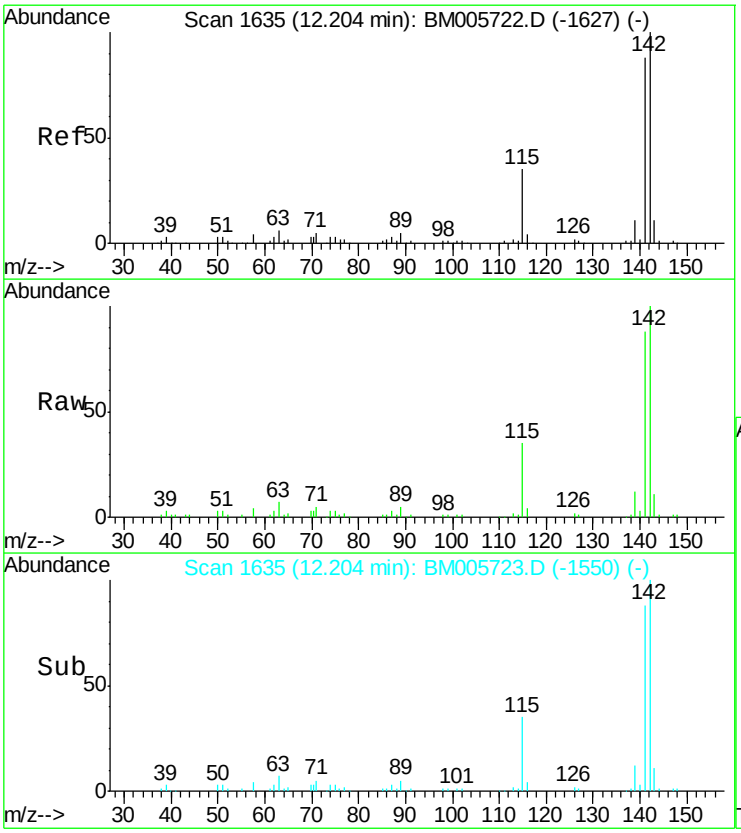
#11
Naphthalene
Concen: 10.60 ng/ul
RT: 10.59 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Instrument :
BNA_M
ClientSampleId :
SSTD01038

Tgt Ion:128 Resp: 183386

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.5	10.3	15.5

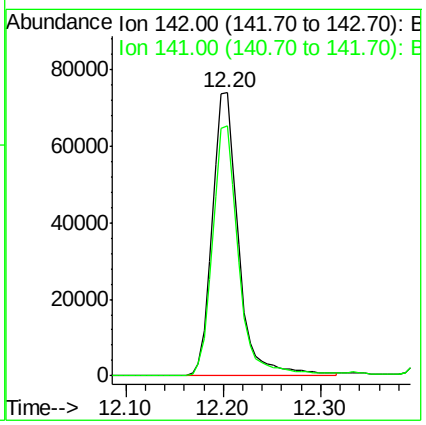


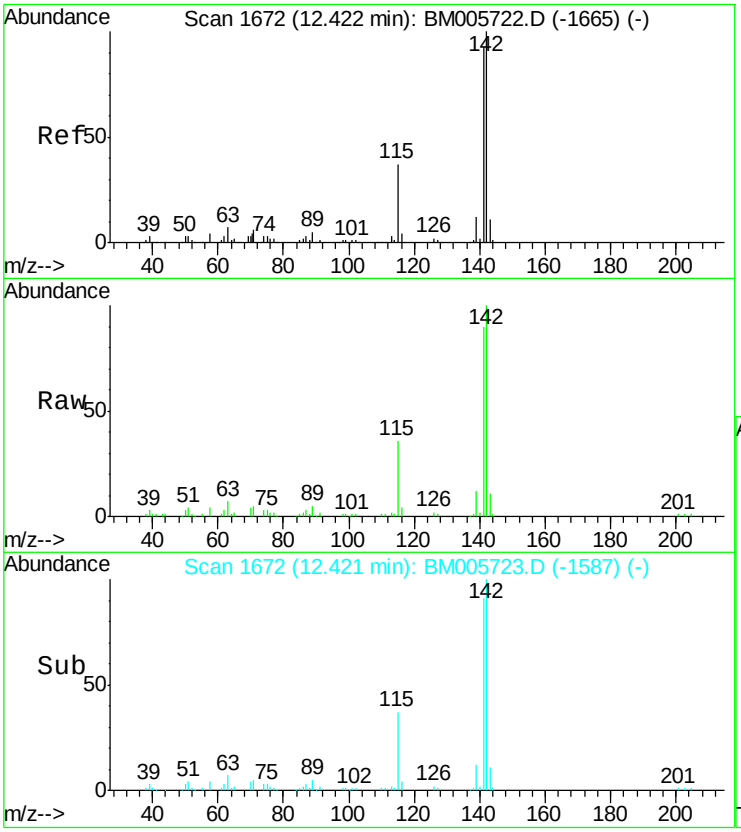


#13
2-Methylnaphthalene
Concen: 11.32 ng/ul
RT: 12.20 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Tgt Ion:142 Resp: 138590

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.2	105.4



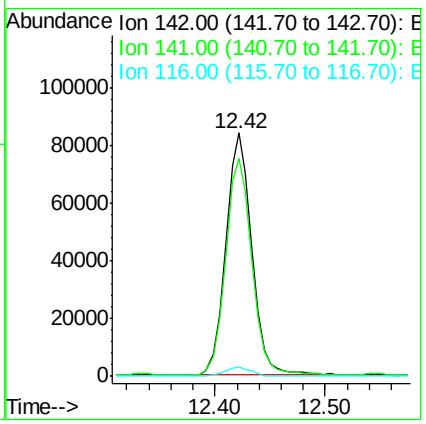


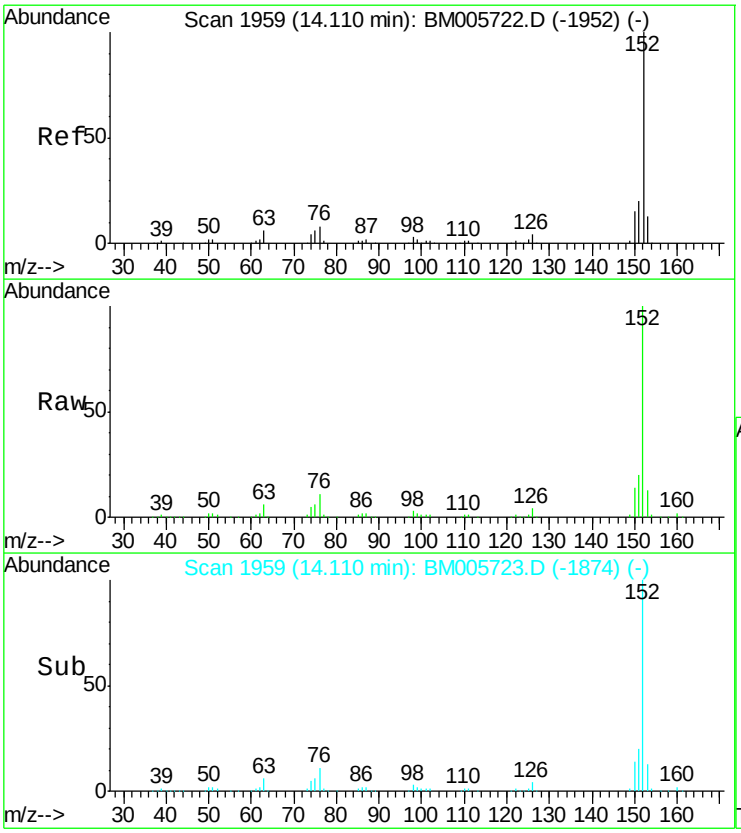
#14
1-Methylnaphthalene
Concen: 11.44 ng/ul
RT: 12.42 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Instrument :
BNA_M
ClientSampleId :
SSTD01038

Tgt Ion:142 Resp: 138072

Ion	Ratio	Lower	Upper
142	100		
141	89.7	74.6	111.8
116	3.9	3.0	4.6

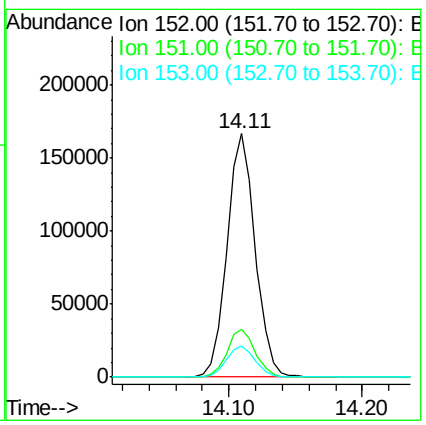


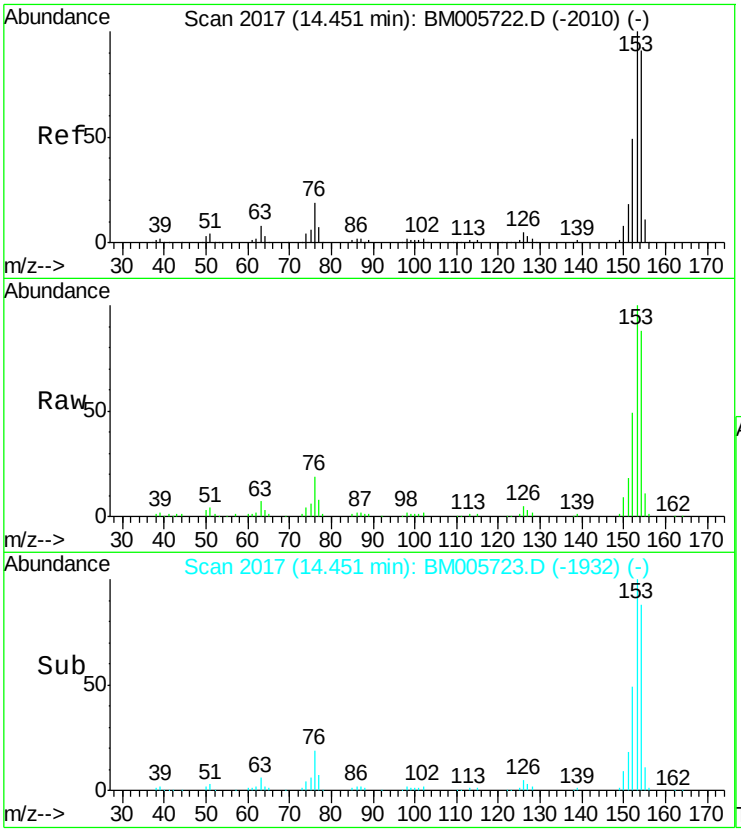


#18
Acenaphthylene
Concen: 10.77 ng/ul
RT: 14.11 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Tgt Ion:152 Resp: 245811

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	13.0	10.4	15.6



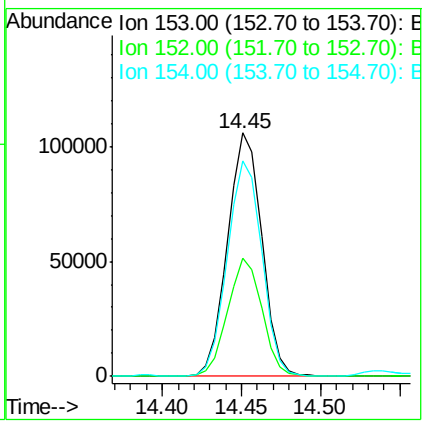


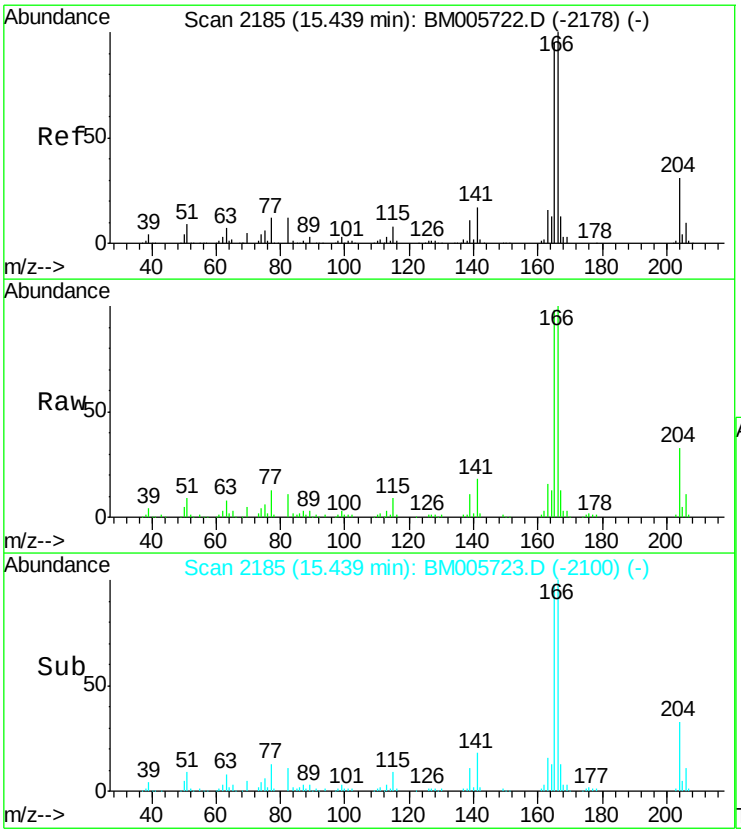
#19
Acenaphthene
Concen: 10.72 ng/ul
RT: 14.45 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Instrument :
BNA_M
ClientSampleId :
SSTD01038

Tgt Ion:153 Resp: 159133

Ion	Ratio	Lower	Upper
153	100		
152	48.8	38.8	58.2
154	88.4	72.5	108.7

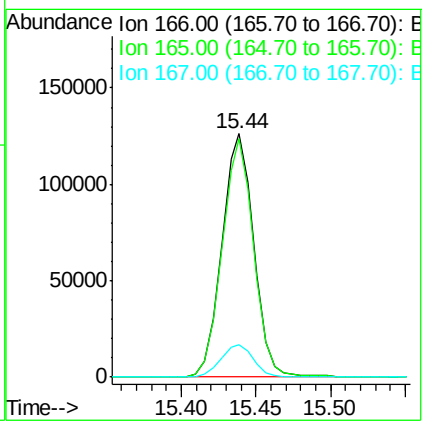


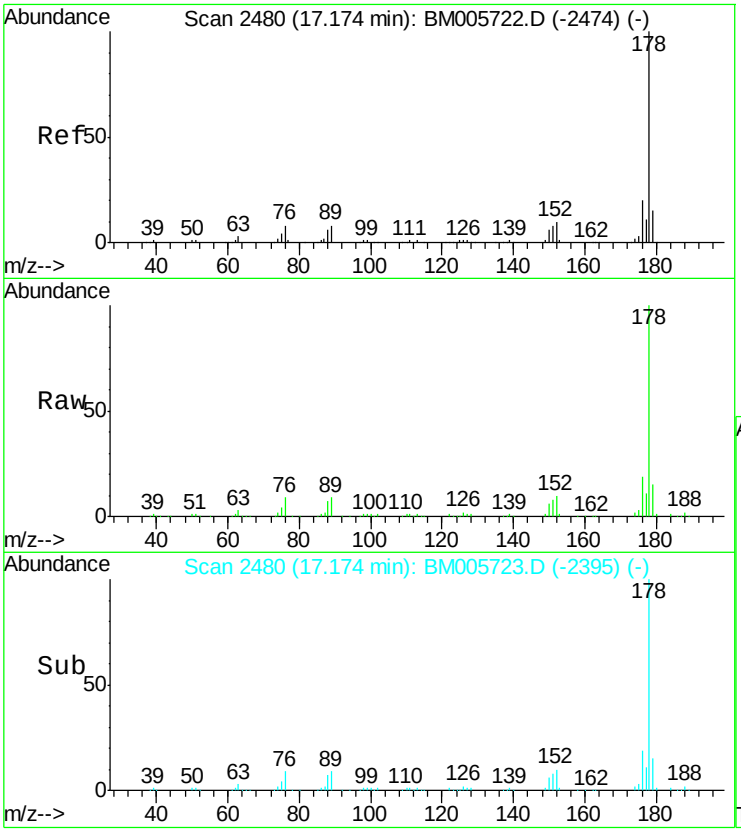


#22
Fluorene
Concen: 11.60 ng/ul
RT: 15.44 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Tgt Ion:166 Resp: 188423

Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.4	114.6
167	13.5	10.6	16.0



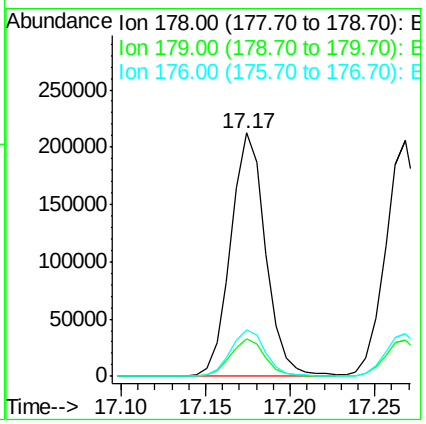


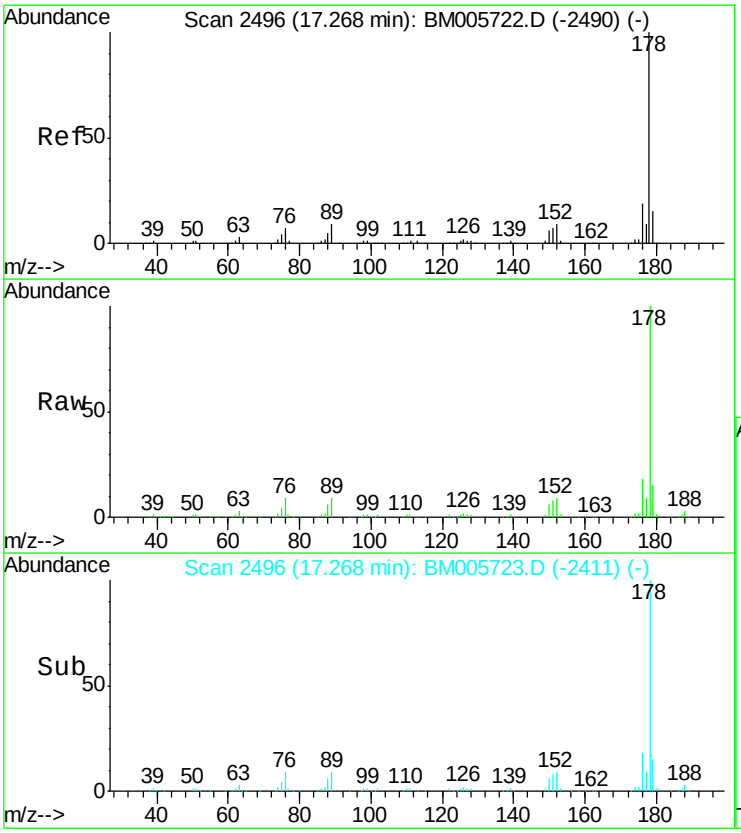
#25
Phenanthrene
Concen: 10.71 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Instrument :
BNA_M
ClientSampleId :
SSTD01038

Tgt Ion:178 Resp: 306419

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.2	15.8	23.6

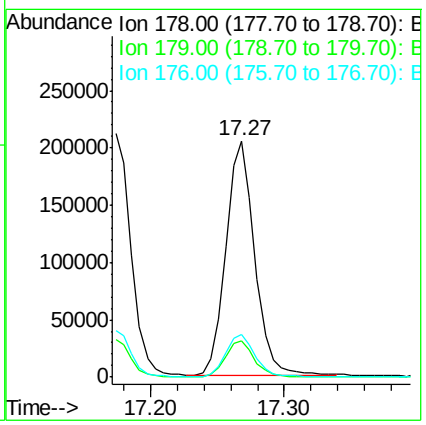


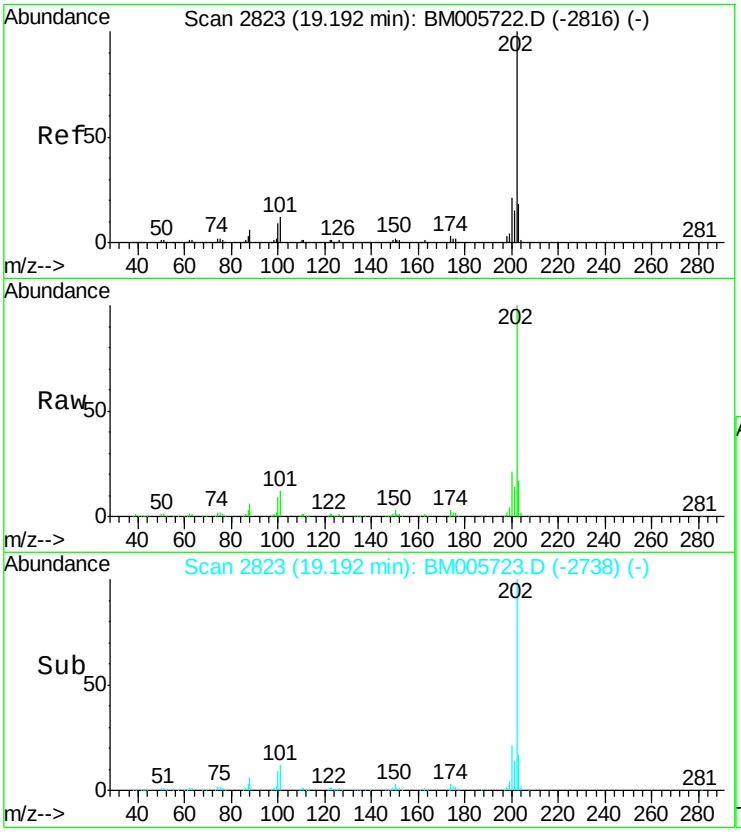


#27
Anthracene
Concen: 10.64 ng/ul
RT: 17.27 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Tgt Ion:178 Resp: 309756

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	18.2	15.0	22.6



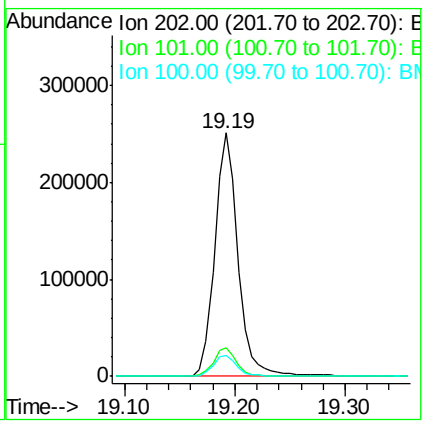


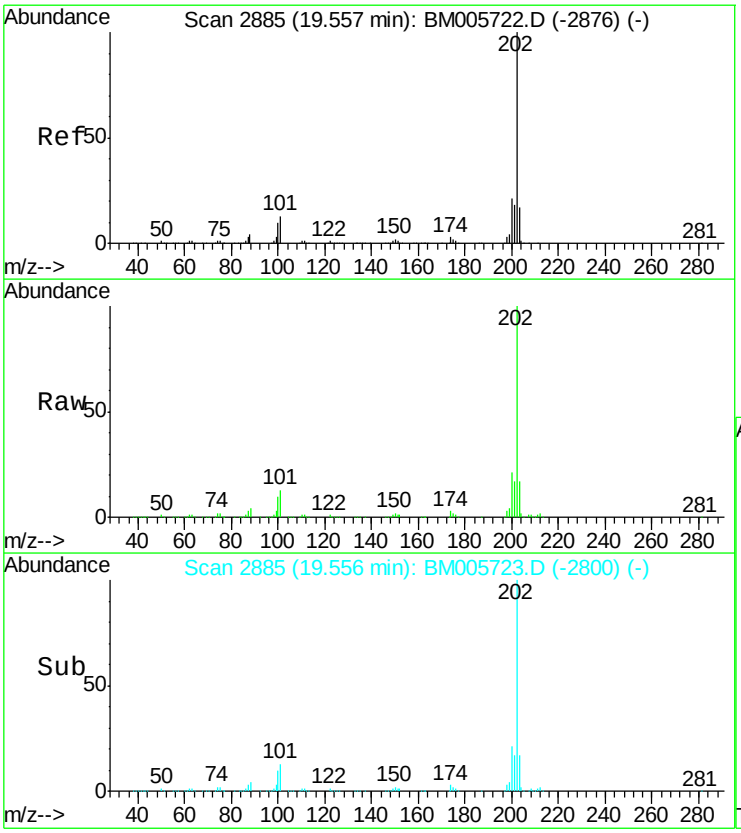
#28
Fluoranthene
Concen: 12.15 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Instrument :
BNA_M
ClientSampleId :
SSTD01038

Tgt Ion:202 Resp: 365619

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.2
100	8.8	6.9	10.3

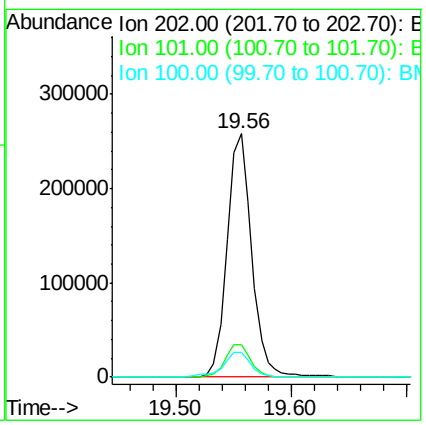


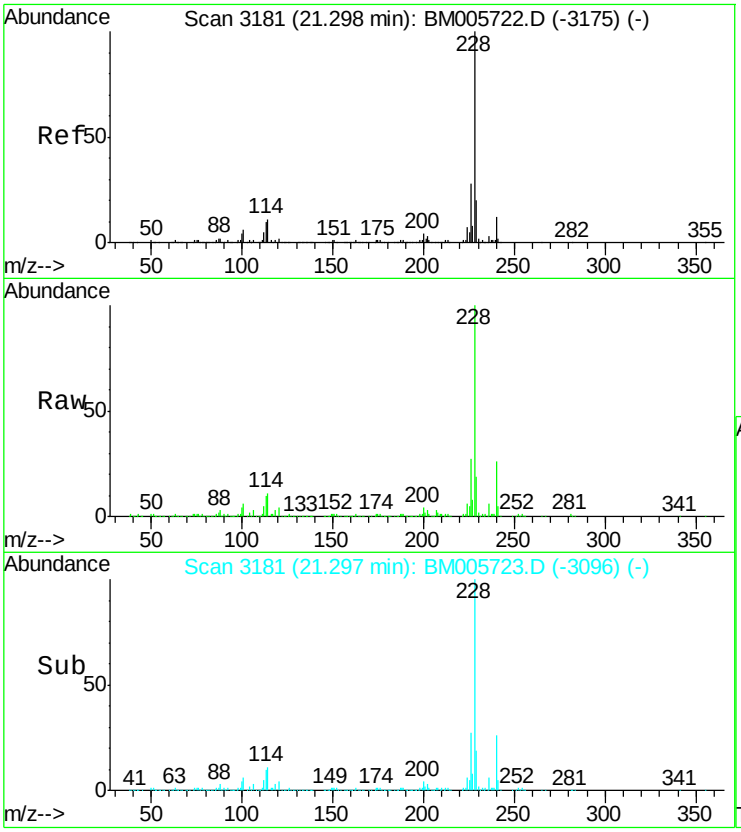


#31
Pyrene
Concen: 10.02 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Tgt Ion:202 Resp: 381742

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	15.8
100	10.3	8.4	12.6



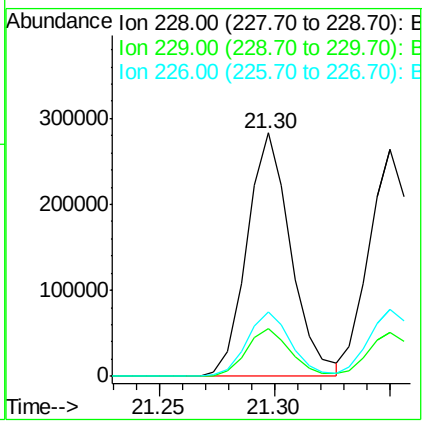


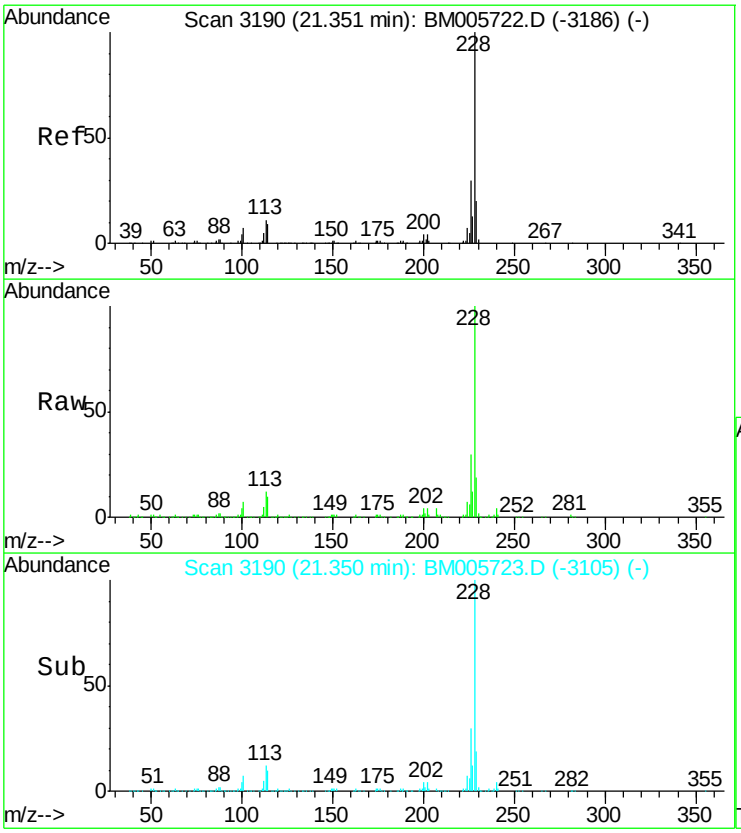
#32
Benzo(a)anthracene
Concen: 10.56 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Instrument :
BNA_M
ClientSampleId :
SSTD01038

Tgt Ion:228 Resp: 375301

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.1	24.1
226	26.7	22.1	33.1

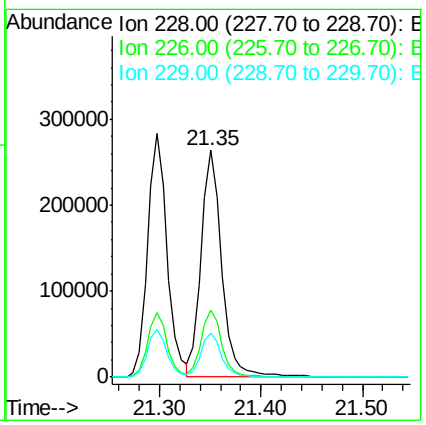


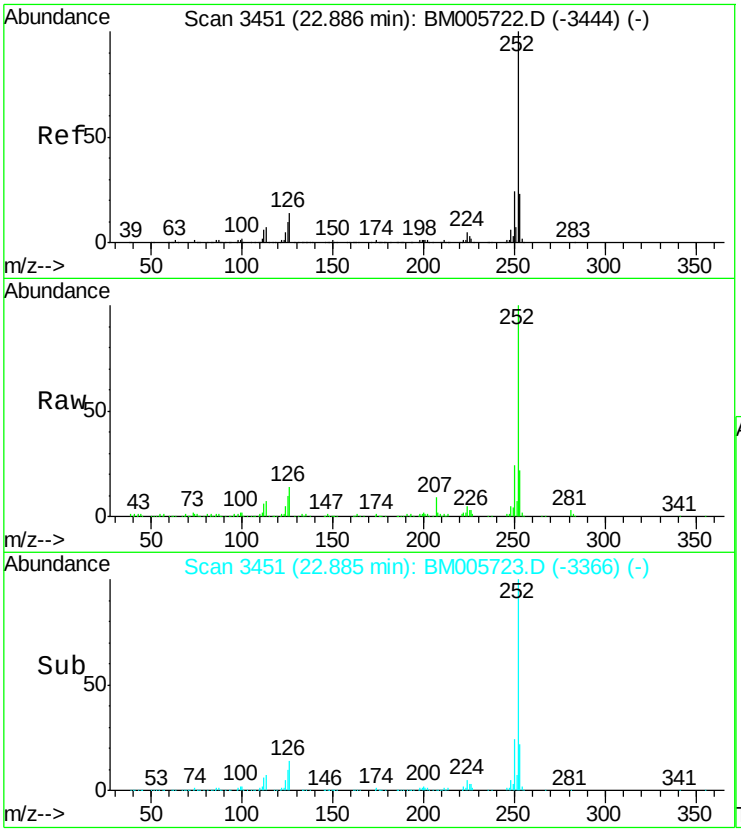


#33
Chrysene
Concen: 10.93 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Tgt Ion:228 Resp: 372486

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.3	15.8	23.8



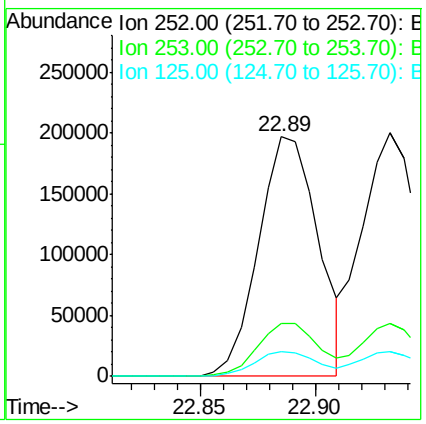


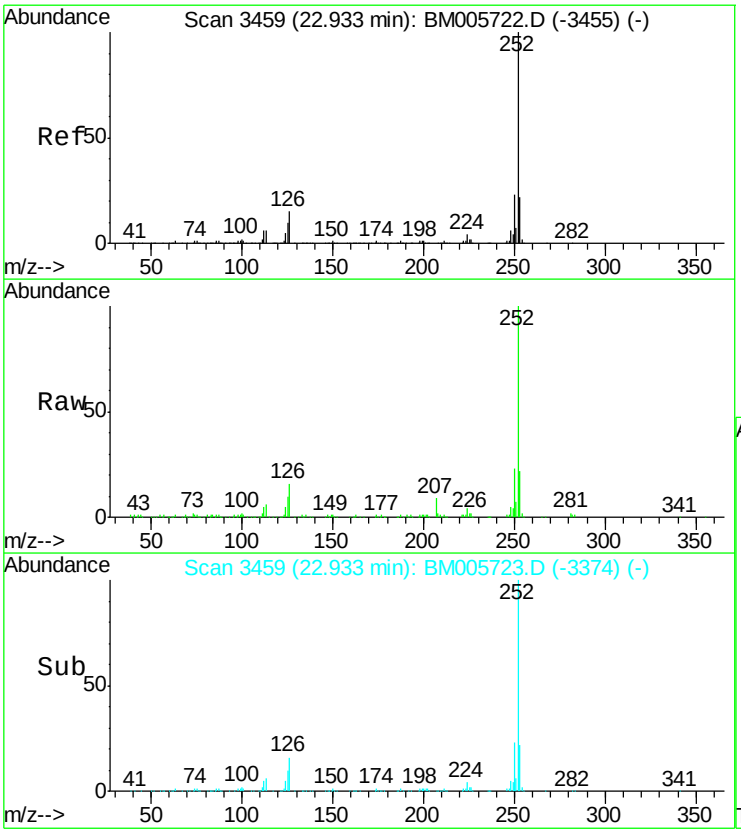
#35
Benzo(b)fluoranthene
Concen: 10.31 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Instrument :
BNA_M
ClientSampleId :
SSTD01038

Tgt Ion:252 Resp: 354763

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.3	8.4	12.6

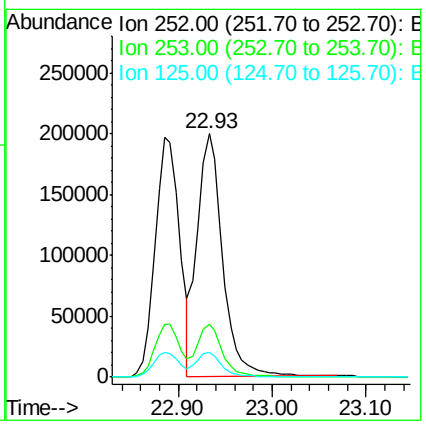


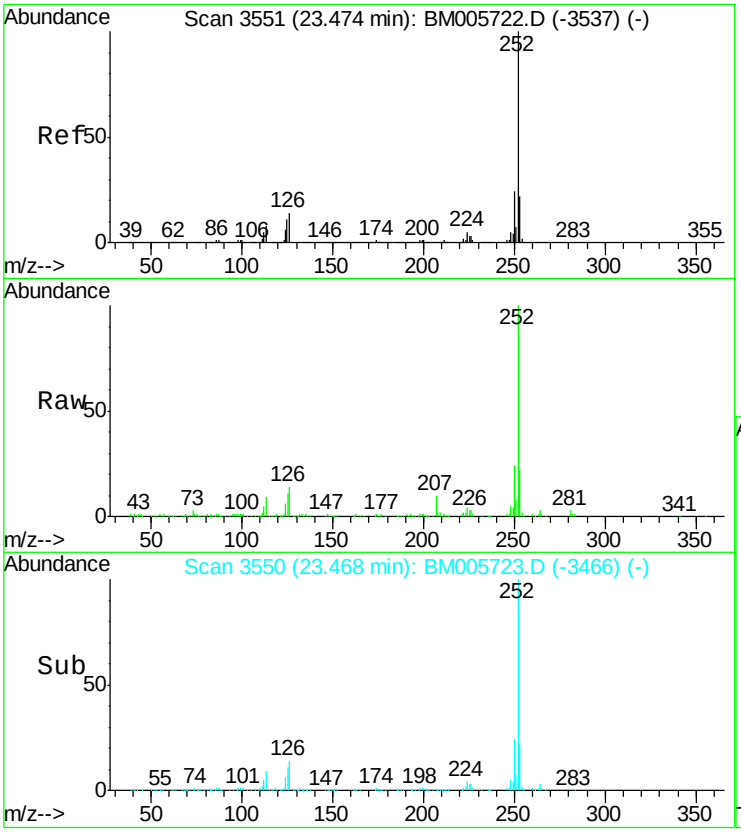


#36
Benzo(k)fluoranthene
Concen: 11.47 ng/ul
RT: 22.93 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Tgt Ion:252 Resp: 376790

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.4	8.2	12.2



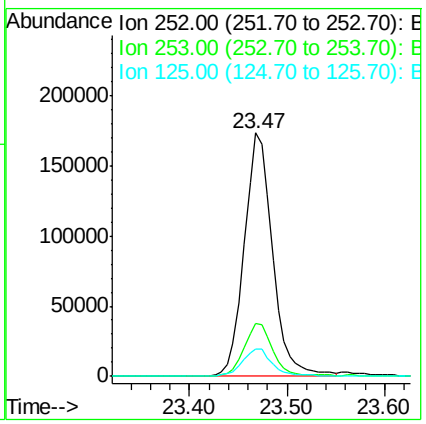


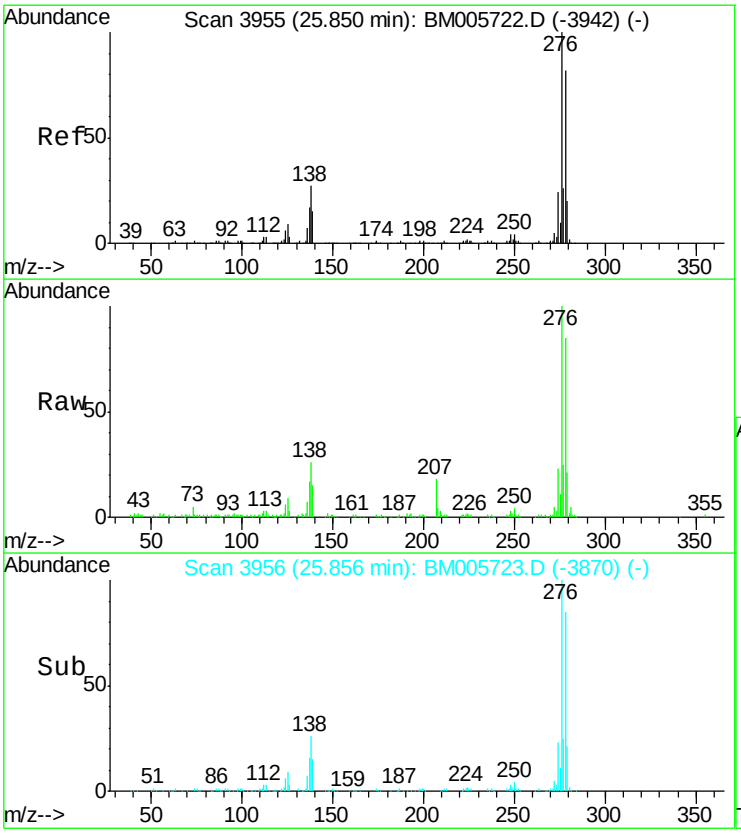
#38
Benzo(a)pyrene
Concen: 10.63 ng/ul
RT: 23.47 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Instrument :
BNA_M
ClientSampleId :
SSTD01038

Tgt Ion:252 Resp: 350966

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	11.4	9.1	13.7

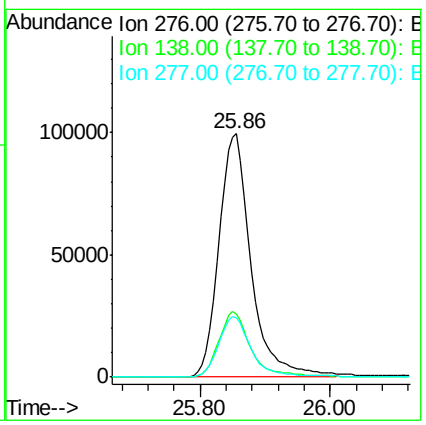


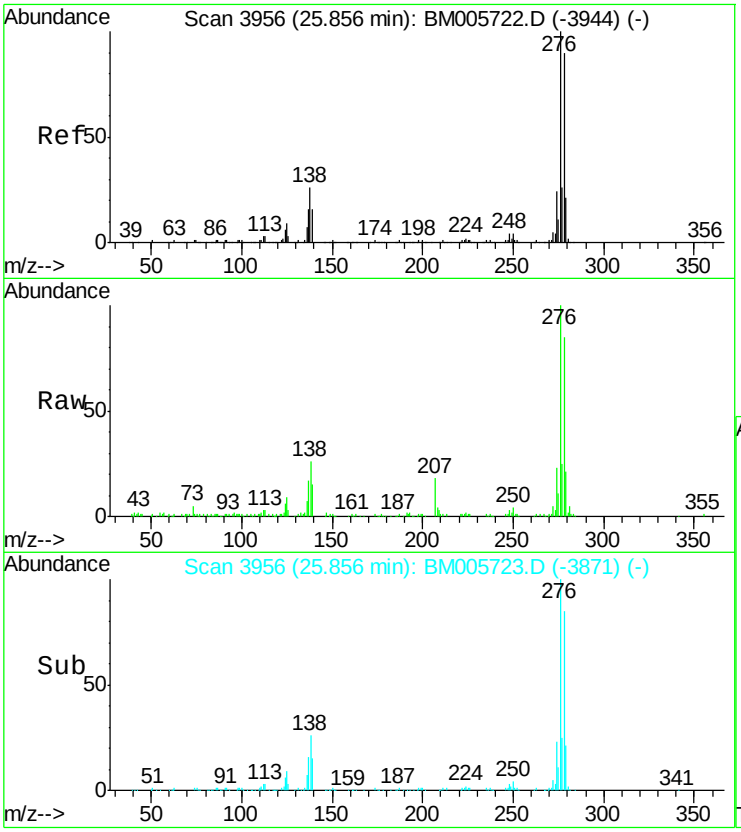


#39
Indeno(1,2,3-cd)pyrene
Concen: 9.02 ng/ul
RT: 25.86 min Scan# 3956
Delta R.T. 0.01 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Tgt Ion:276 Resp: 340214

Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.4	32.2
277	24.6	20.5	30.7



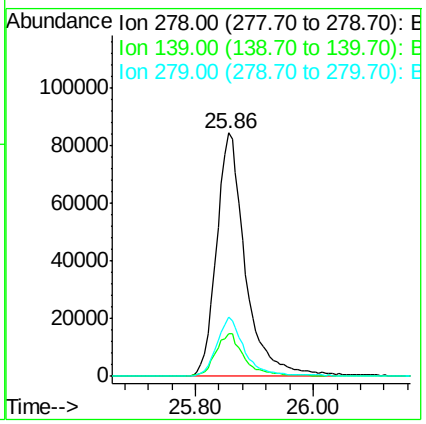


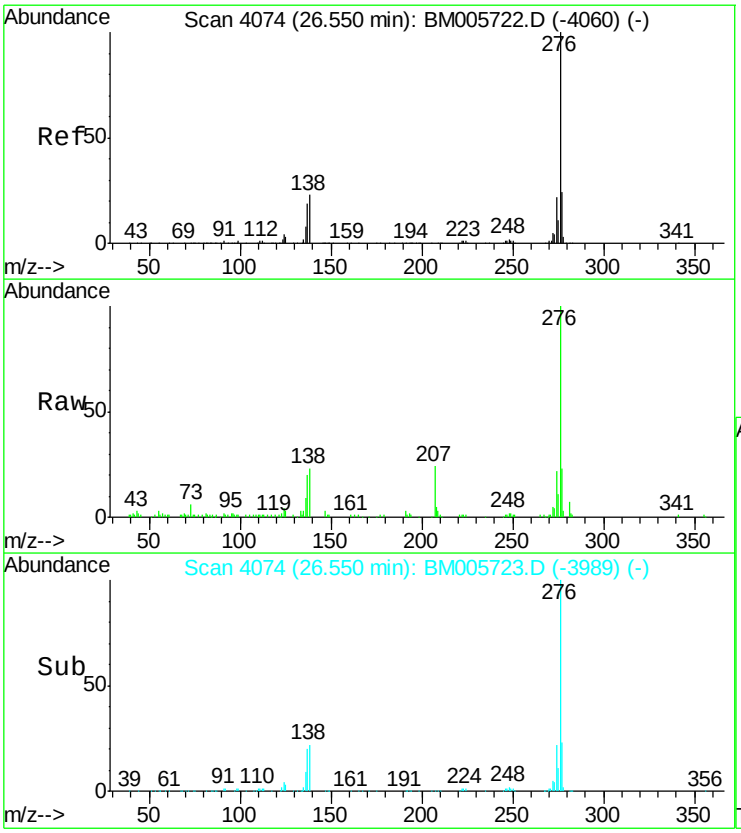
#40
Dibenzo(a,h)anthracene
Concen: 9.08 ng/ul
RT: 25.86 min Scan# 3956
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Instrument :
BNA_M
ClientSampleId :
SSTD01038

Tgt Ion:278 Resp: 286760

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.2	21.4
279	24.6	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 8.72 ng/ul
RT: 26.55 min Scan# 4074
Delta R.T. -0.00 min
Lab File: BM005723.D
Acq: 11 Jun 2016 03:04

Tgt Ion:276 Resp: 275755

Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.2	27.4
277	22.7	19.5	29.3