Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060716\
Data File : BM005705.D
Acq On : 07 Jun 2016 22:51
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02049

Quant Time: Jun 08 01:27:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 08 01:24:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	153199	20.00	ng/ul	0.00
7) Naphthalene-d8	10.56	136	698190	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.41	164	362286	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.16	188	658211	20.00	ng/ul	0.00
29) Chrysene-d12	21.34	240	439460	20.00	ng/ul	0.00
34) Perylene-d12	23.61	264	459910	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.21	96	22272	6.11	ng/uL	0.00
3) Phenol-d5	6.95	99	267147	19.84	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.10	67	156852	19.14	ng/ul	0.00
5) 2-Chlorophenol-d4	7.30	132	223015	20.07	ng/ul	0.00
6) 4-Methylphenol-d8	8.49	113	216431	20.32	ng/ul	0.01
8) Nitrobenzene-d5	8.93	128	109089	20.35	ng/ul	0.01
9) 2-Nitrophenol-d4	9.65	143	117609	20.50	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.19	165	209701	20.57	ng/ul	0.01
12) 4-Chloroaniline-d4	10.70	131	280421	23.15	ng/ul	0.01
16) Dimethylphthalate-d6	13.82	166	572246	20.55	ng/ul	0.00
17) Acenaphthylene-d8	14.10	160	737618	20.36	ng/ul	0.01
20) 4-Nitrophenol-d4	14.65	143	79072	19.83	ng/ul	0.02
21) Fluorene-d10	15.40	176	474746	19.85	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.55	200	21549	6.95	ng/ul	0.02
26) Anthracene-d10	17.26	188	624893	19.99	ng/ul	0.01
30) Pyrene-d10	19.55	212	491720	22.26	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.46	264	420128	19.85	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.61	128	698909	19.69	ng/ul	99
13) 2-Methylnaphthalene	12.22	142	495805	20.10	ng/ul	98
14) 1-Methylnaphthalene	12.44	142	481594	19.84	ng/ul#	95
18) Acenaphthylene	14.13	152	747466	19.94	ng/ul	98
19) Acenaphthene	14.47	153	489311	20.11	ng/ul	96
22) Fluorene	15.46	166	517457	19.66	ng/ul	97
25) Phenanthrene	17.20	178	718264	19.77	ng/ul	98
27) Anthracene	17.29	178	732312	19.84	ng/ul	98
28) Fluoranthene	19.22	202	647453	17.43	ng/ul	99
31) Pyrene	19.58	202	618222	22.30	ng/ul	97
32) Benzo(a)anthracene	21.33	228	515144	19.99	ng/ul	97
33) Chrysene	21.37	228	487594	20.02	ng/ul	98
35) Benzo(b)fluoranthene	22.93	252	520459	18.77	ng/ul	99
36) Benzo(k)fluoranthene	22.97	252	511381	19.65	ng/ul	99
38) Benzo(a)pyrene	23.51	252	518747	19.43	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.91	276	623271	19.73	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.92	278	519665	19.61	ng/ul	97
41) Benzo(g,h,i)perylene	26.62	276	521598	19.68	ng/ul#	95

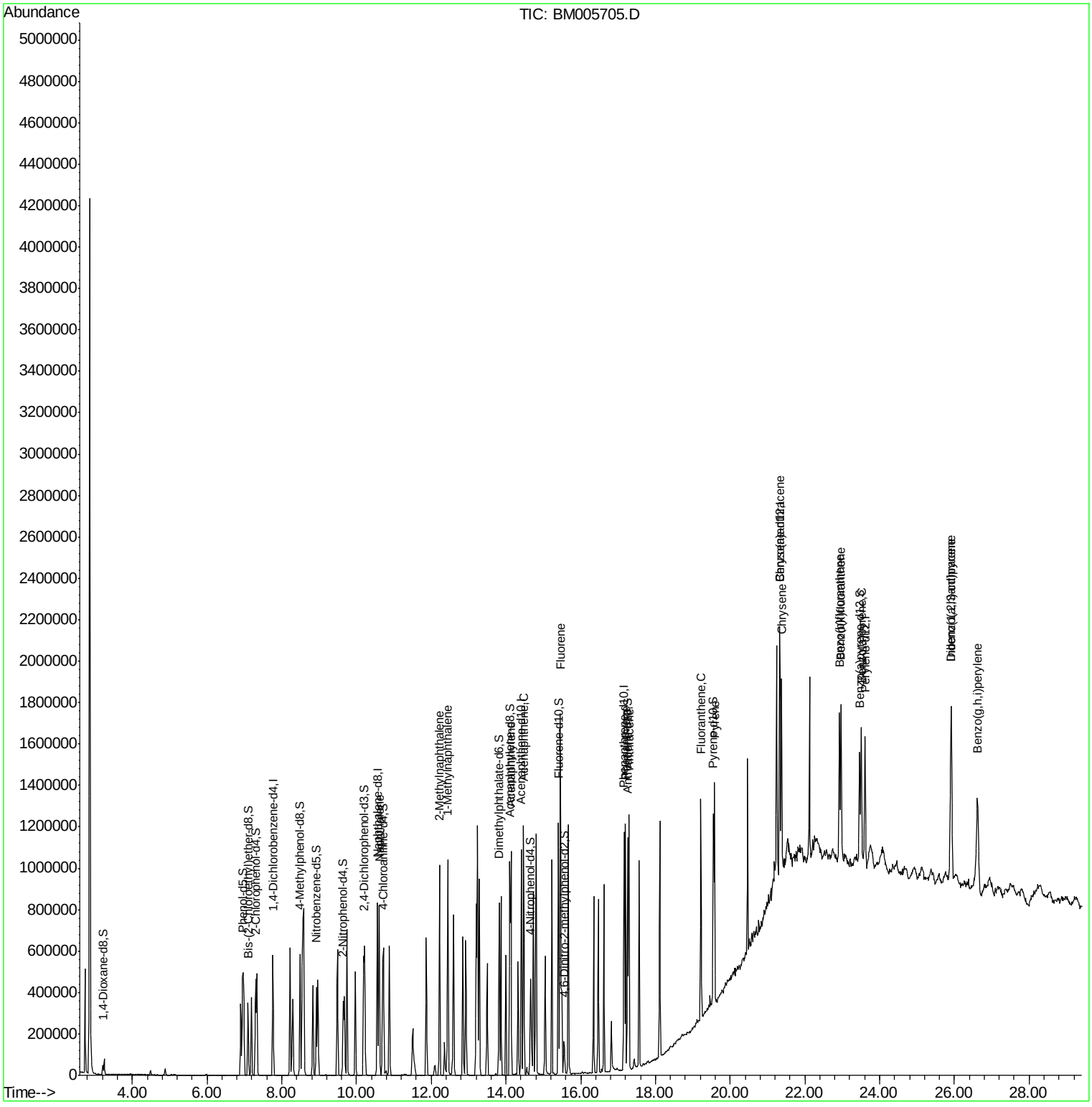
(#) = qualifier out of range (m) = manual integration (+) = signals summed

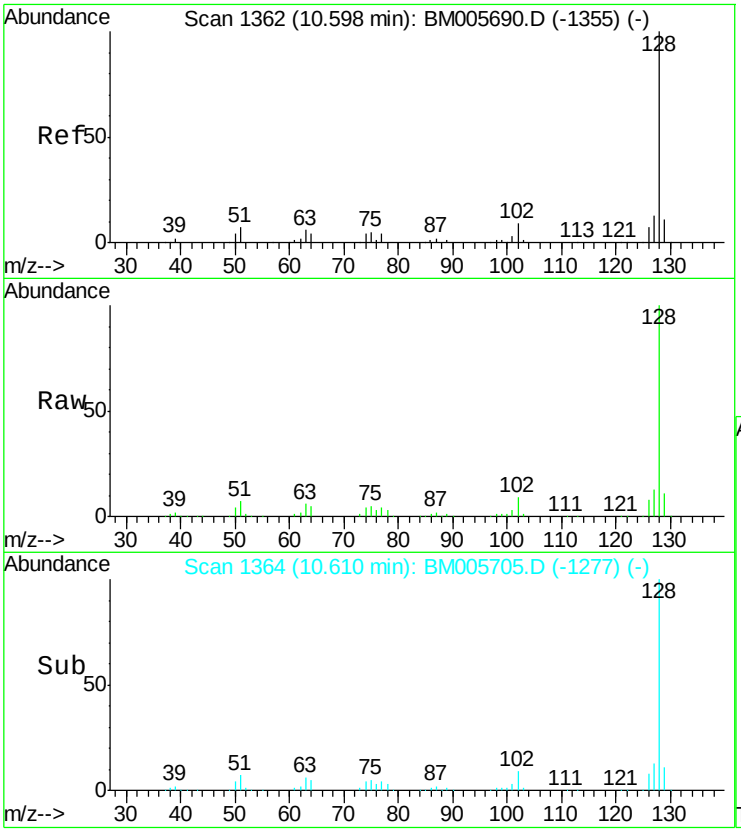
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060716\
Data File : BM005705.D
Acq On : 07 Jun 2016 22:51
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Quant Time: Jun 08 01:27:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 08 01:24:32 2016
Response via : Initial Calibration



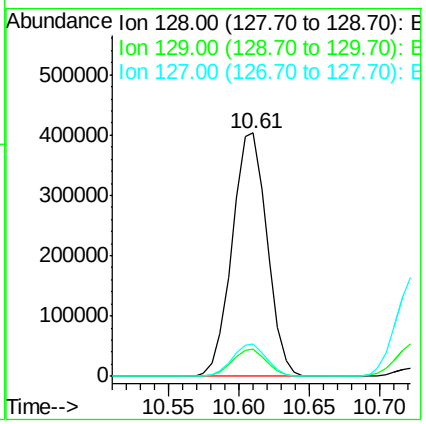


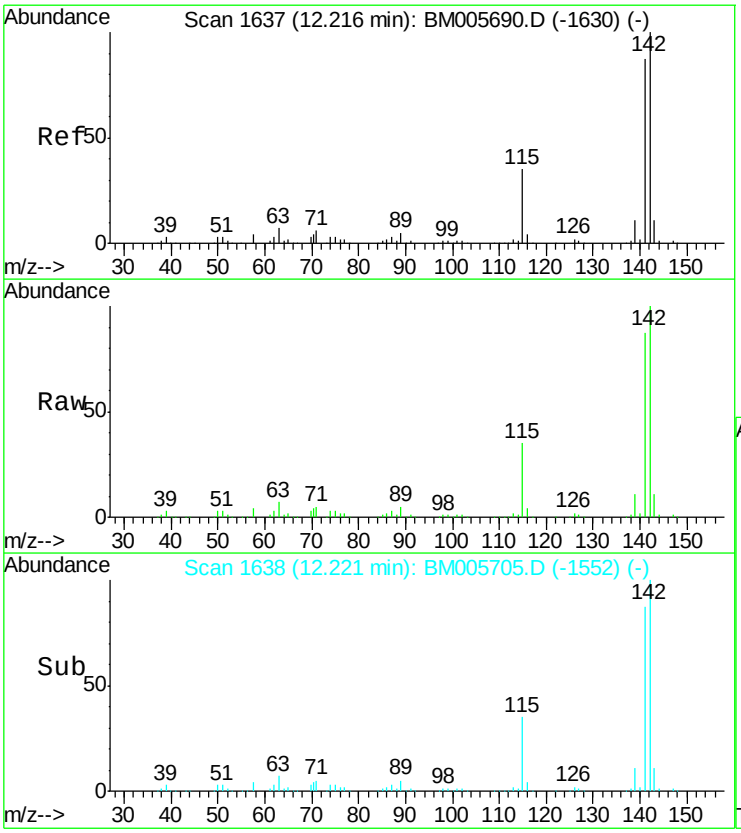
#11
Naphthalene
Concen: 19.69 ng/ul
RT: 10.61 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Tgt Ion:128 Resp: 698909

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.1	10.8	16.2

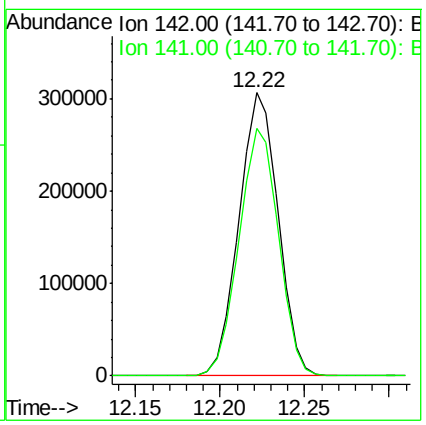


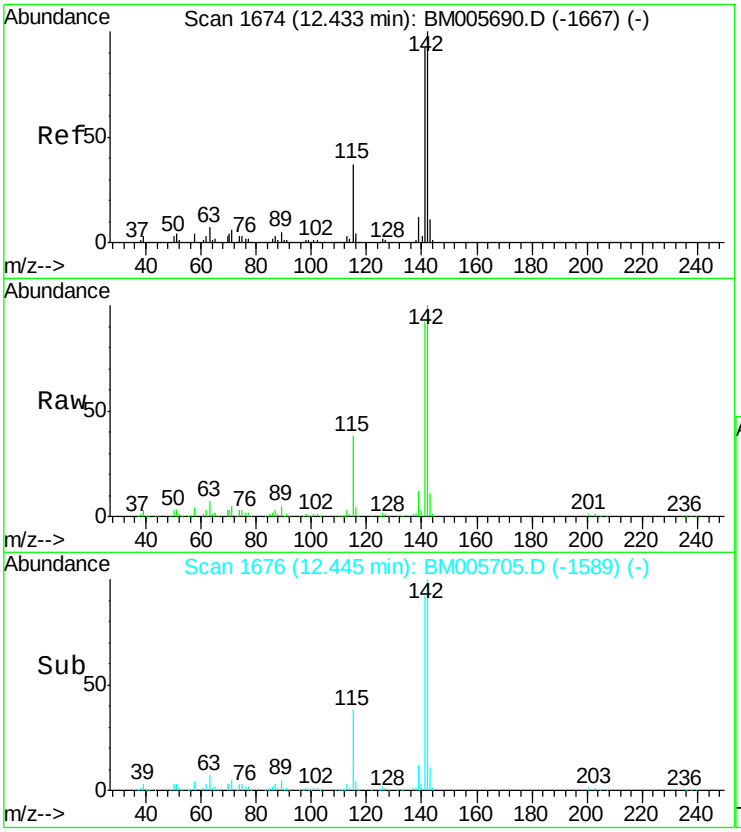


#13
2-Methylnaphthalene
Concen: 20.10 ng/ul
RT: 12.22 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Tgt Ion:142 Resp: 495805

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.3	106.9



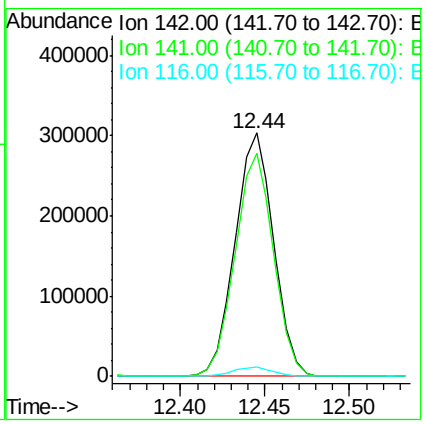


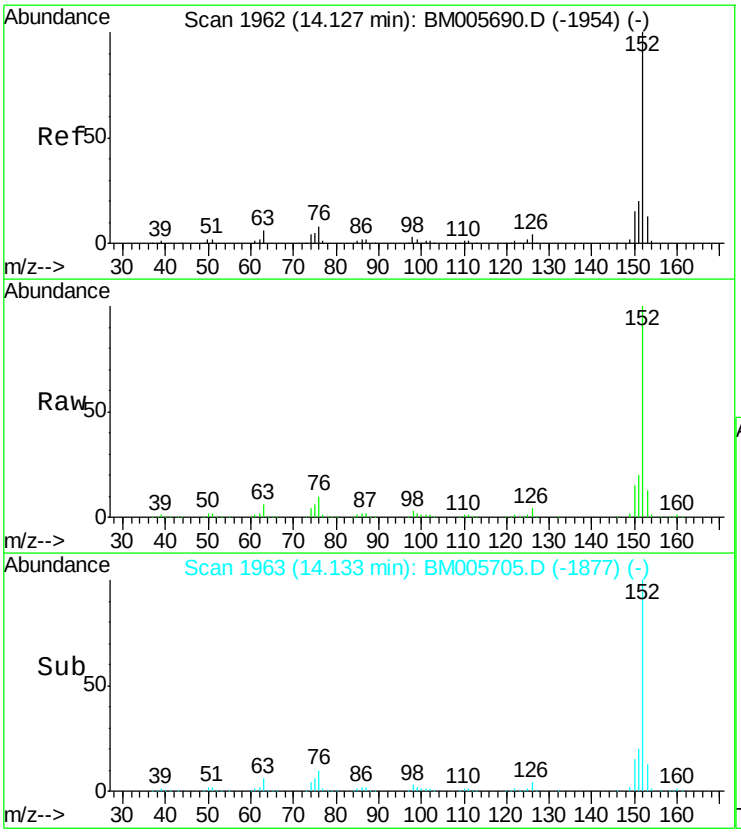
#14
1-Methylnaphthalene
Concen: 19.84 ng/ul
RT: 12.44 min Scan# 1676
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Tgt Ion:142 Resp: 481594

Ion	Ratio	Lower	Upper
142	100		
141	91.7	77.0	115.4
116	3.8	4.2	6.4#

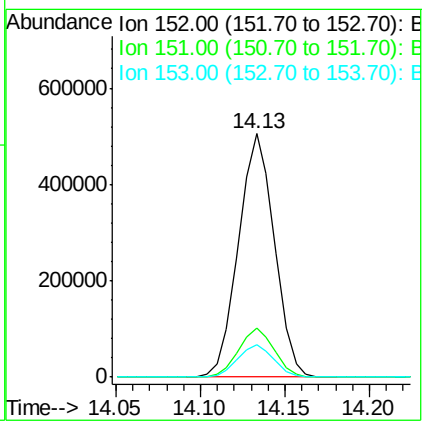


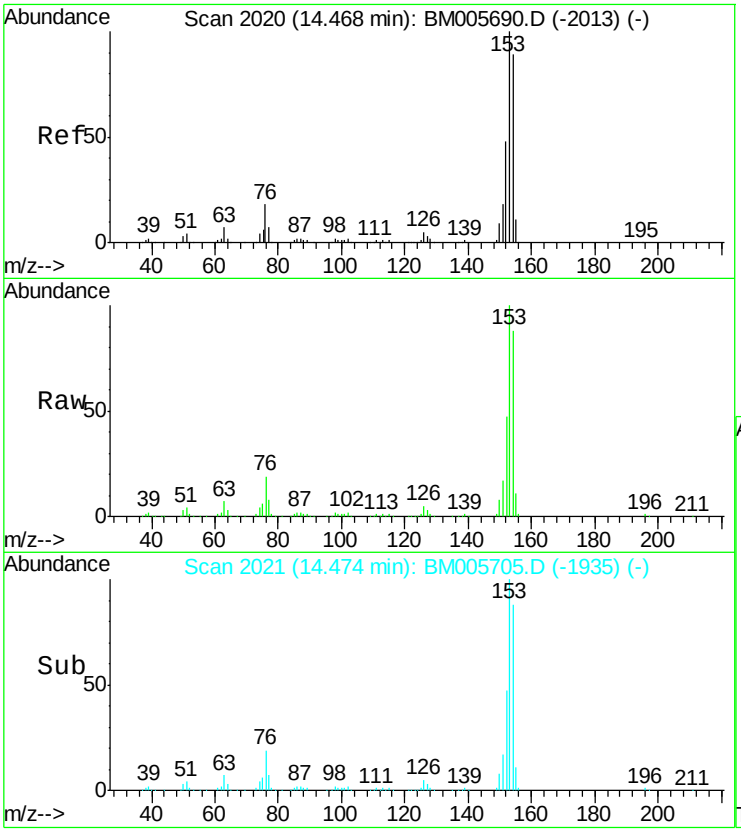


#18
Acenaphthylene
Concen: 19.94 ng/ul
RT: 14.13 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Tgt Ion:152 Resp: 747466

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.3	25.9
153	13.4	11.1	16.7



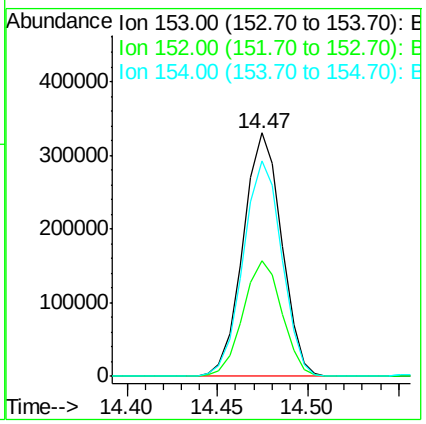


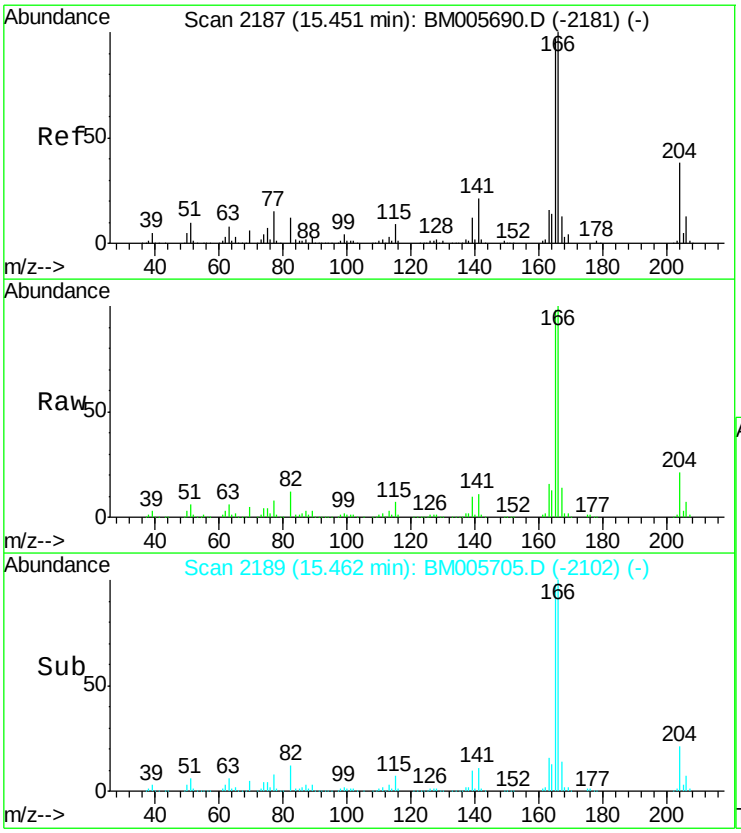
#19
Acenaphthene
Concen: 20.11 ng/ul
RT: 14.47 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Tgt Ion:153 Resp: 489311

Ion	Ratio	Lower	Upper
153	100		
152	47.3	36.5	54.7
154	88.4	67.3	100.9

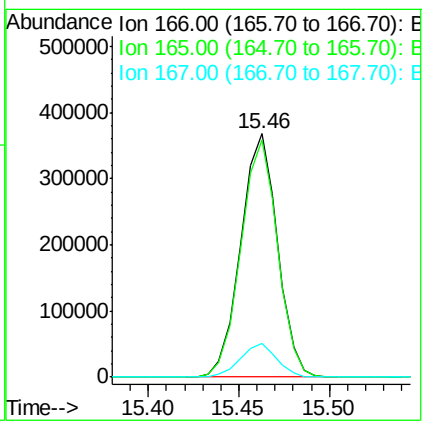


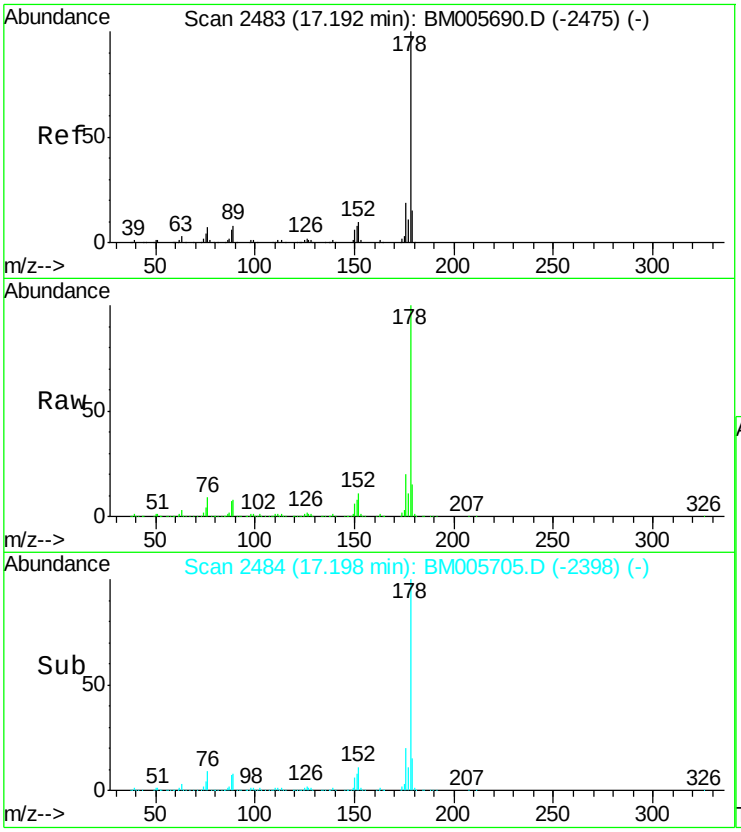


#22
Fluorene
Concen: 19.66 ng/ul
RT: 15.46 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Tgt Ion:166 Resp: 517457

Ion	Ratio	Lower	Upper
166	100		
165	97.5	81.1	121.7
167	13.7	10.6	16.0



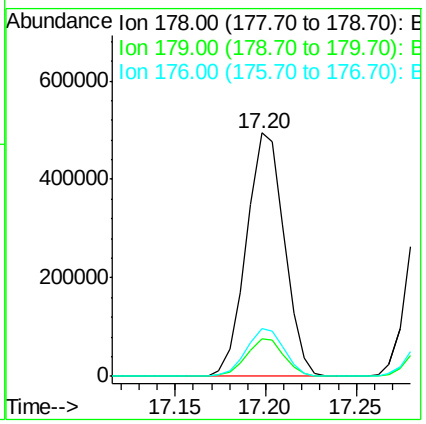


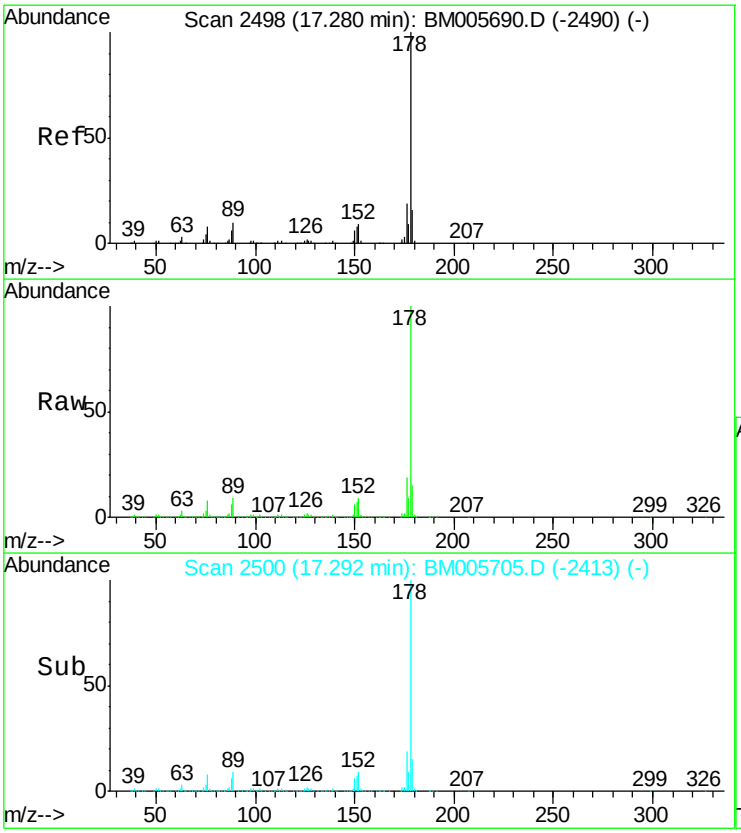
#25
Phenanthrene
Concen: 19.77 ng/ul
RT: 17.20 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Tgt Ion:178 Resp: 718264

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.5	14.8	22.2

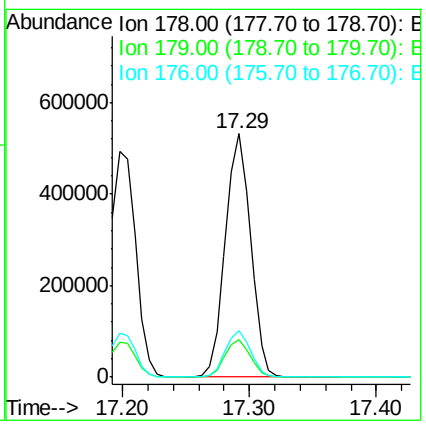


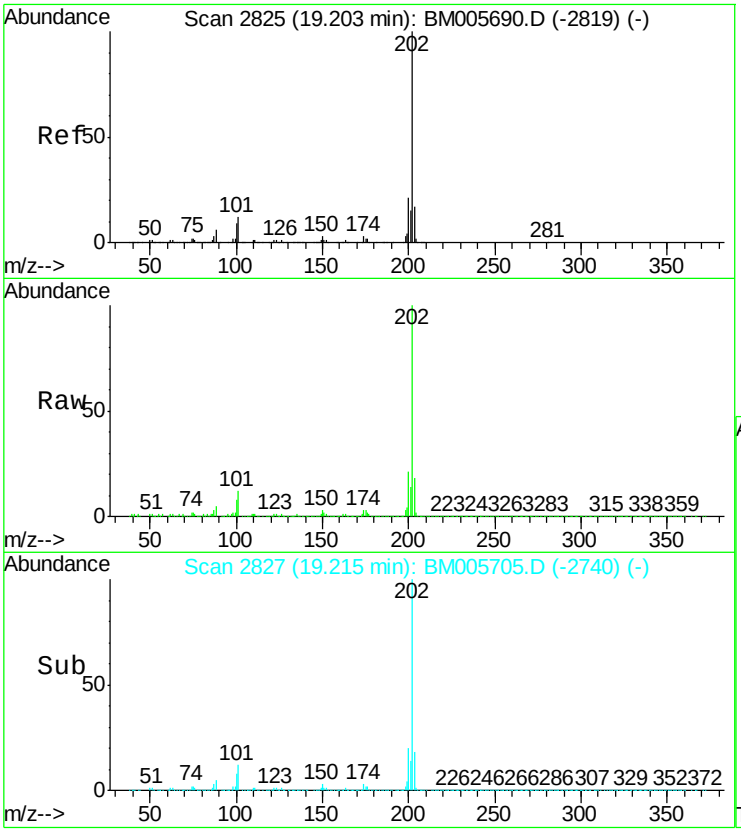


#27
Anthracene
Concen: 19.84 ng/ul
RT: 17.29 min Scan# 2500
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Tgt Ion:178 Resp: 732312

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	18.9	15.6	23.4



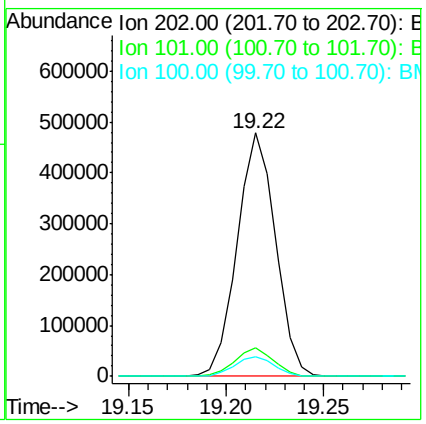


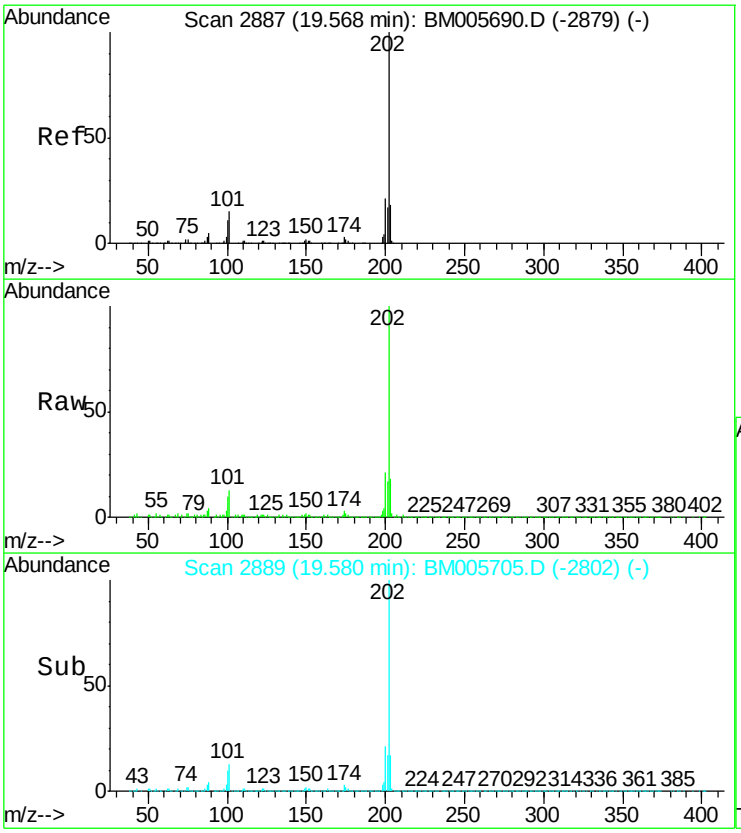
#28
Fluoranthene
Concen: 17.43 ng/ul
RT: 19.22 min Scan# 2827
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Tgt Ion:202 Resp: 647453

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
100	8.2	7.0	10.4

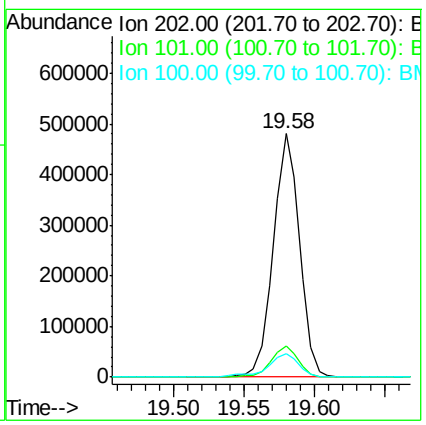


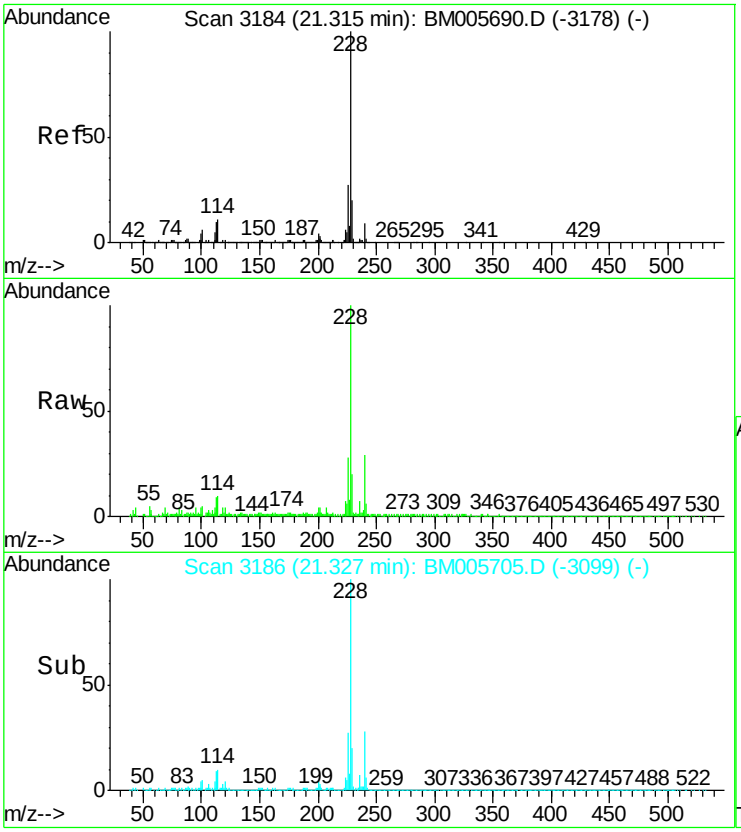


#31
Pyrene
Concen: 22.30 ng/ul
RT: 19.58 min Scan# 2889
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Tgt Ion:202 Resp: 618222

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	9.9	9.3	13.9



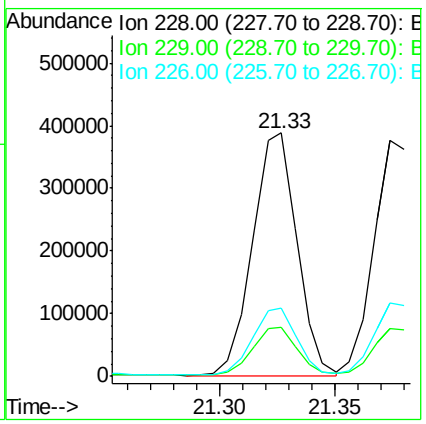


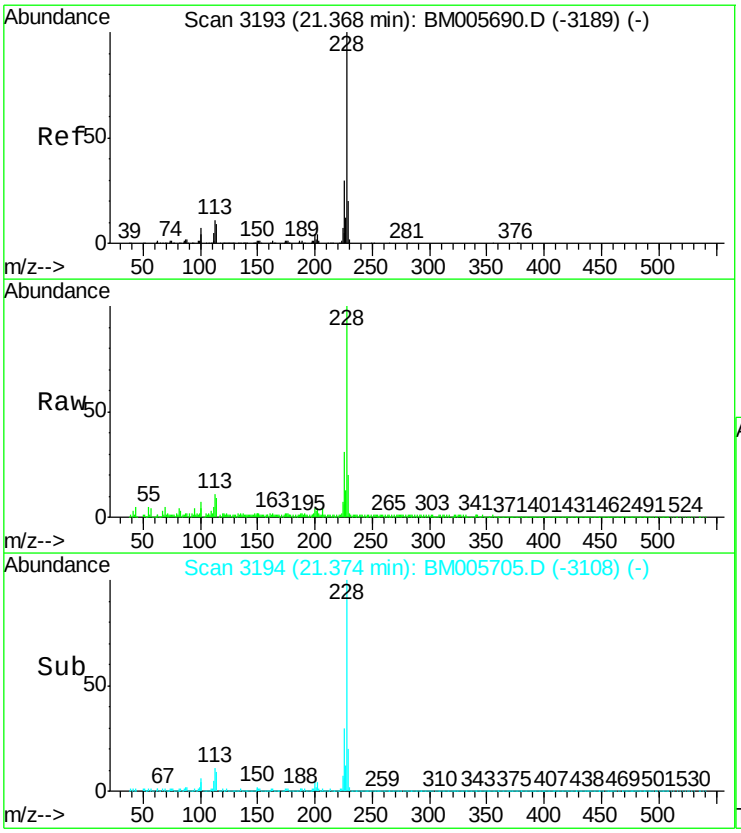
#32
Benzo(a)anthracene
Concen: 19.99 ng/ul
RT: 21.33 min Scan# 3186
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Tgt Ion:228 Resp: 515144

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.6	25.0
226	27.9	21.0	31.4

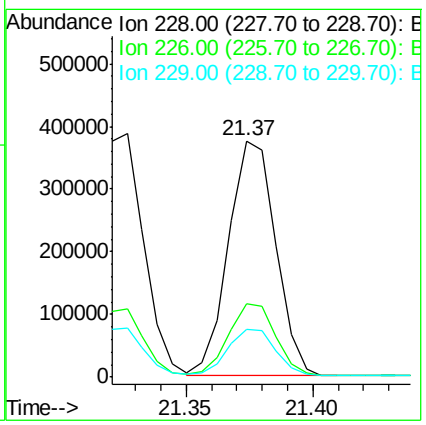


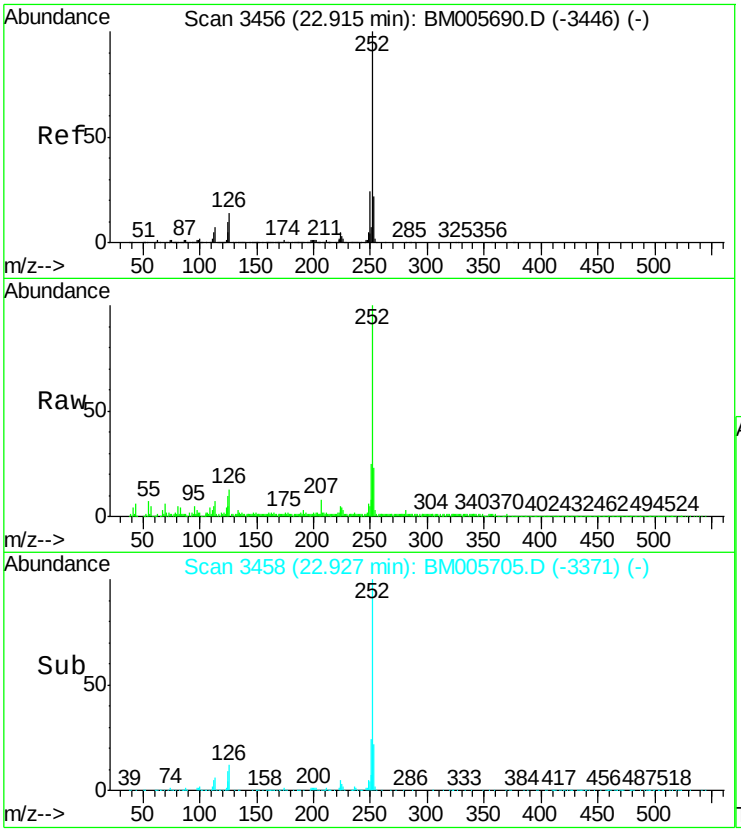


#33
Chrysene
Concen: 20.02 ng/ul
RT: 21.37 min Scan# 3194
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Tgt Ion:228 Resp: 487594

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	20.2	16.2	24.2



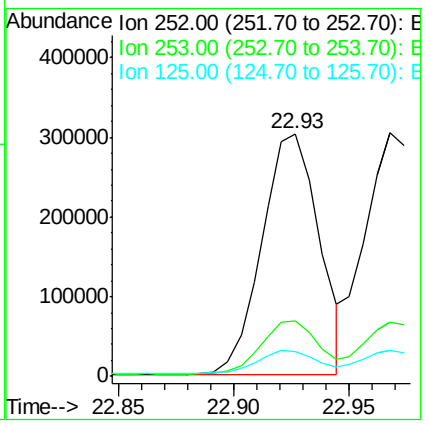


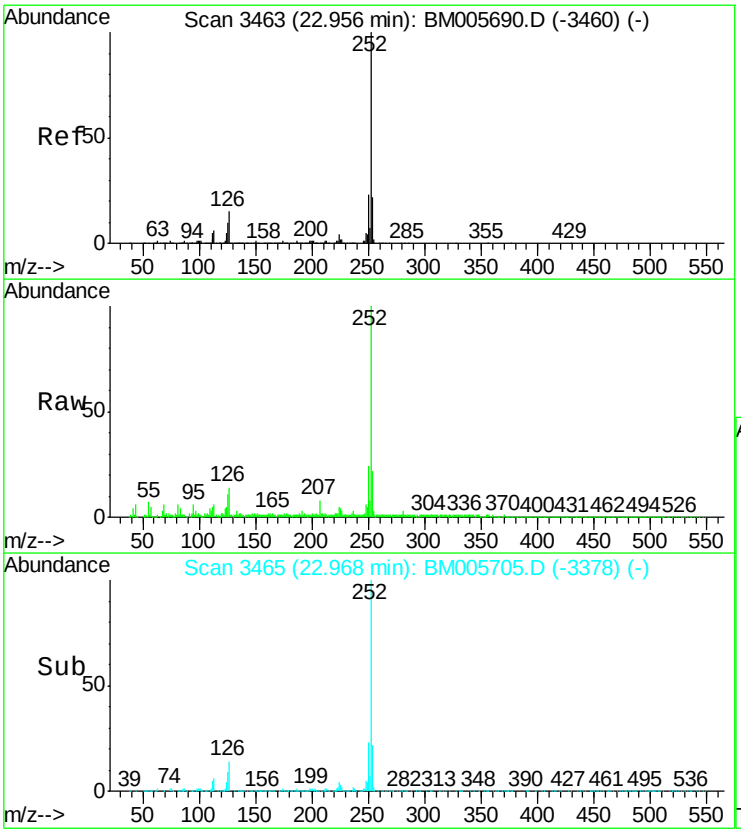
#35
Benzo(b)fluoranthene
Concen: 18.77 ng/ul
RT: 22.93 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Tgt Ion:252 Resp: 520459

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.3	7.6	11.4

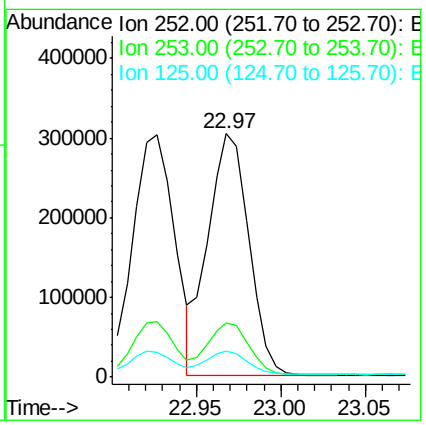


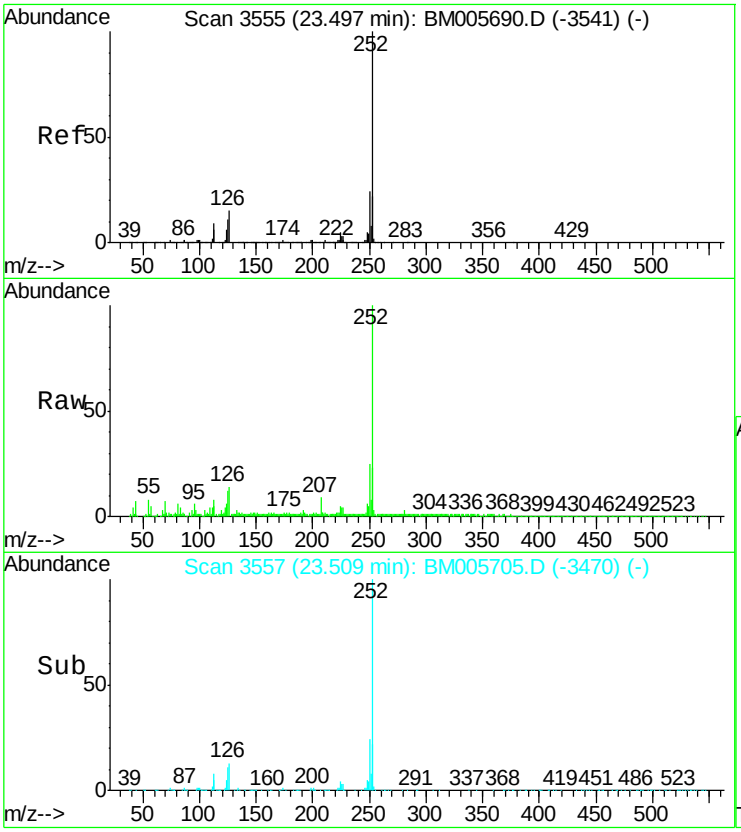


#36
Benzo(k)fluoranthene
Concen: 19.65 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Tgt Ion:252 Resp: 511381

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.6	7.7	11.5



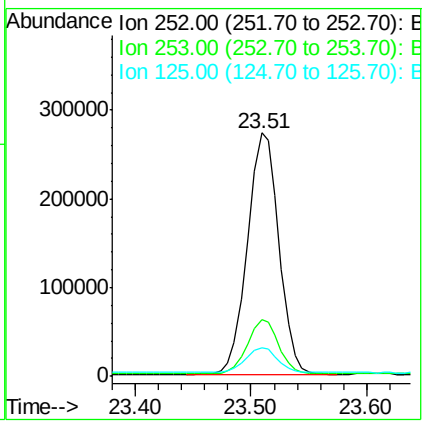


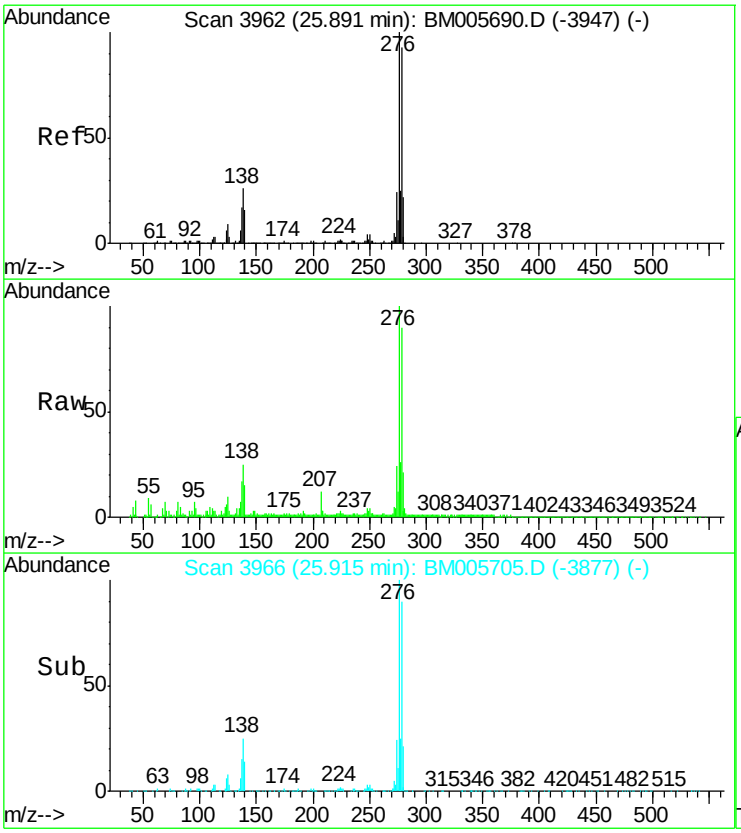
#38
Benzo(a)pyrene
Concen: 19.43 ng/ul
RT: 23.51 min Scan# 3557
Delta R.T. 0.01 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Tgt Ion:252 Resp: 518747

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	11.9	8.2	12.2

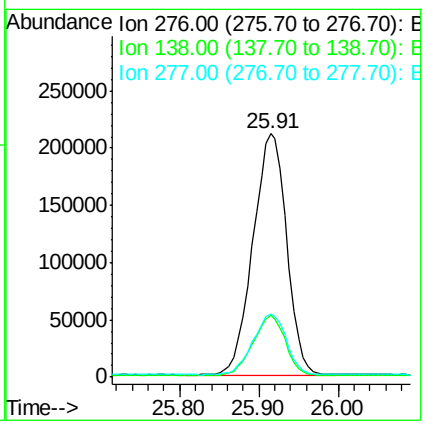


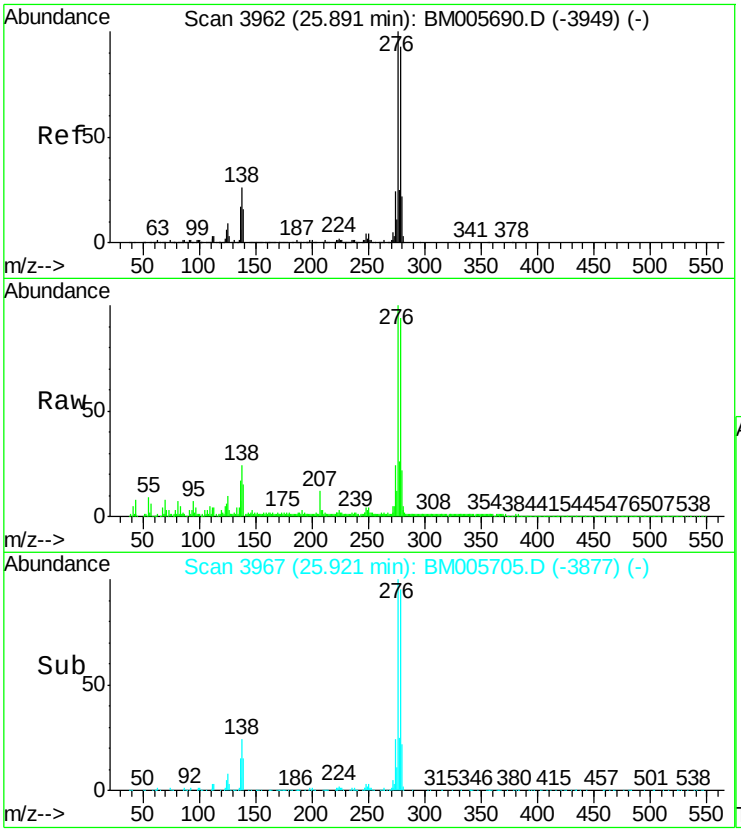


#39
Indeno(1,2,3-cd)pyrene
Concen: 19.73 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. 0.02 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Tgt Ion:276 Resp: 623271

Ion	Ratio	Lower	Upper
276	100		
138	25.3	15.8	23.6#
277	25.8	19.0	28.6



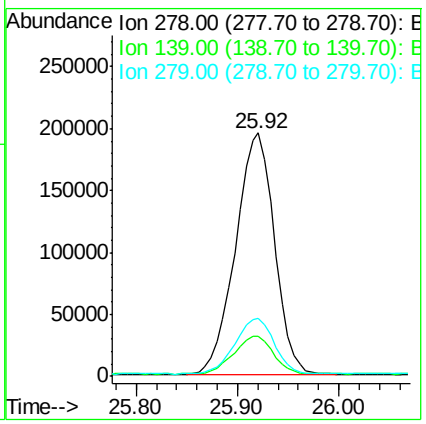


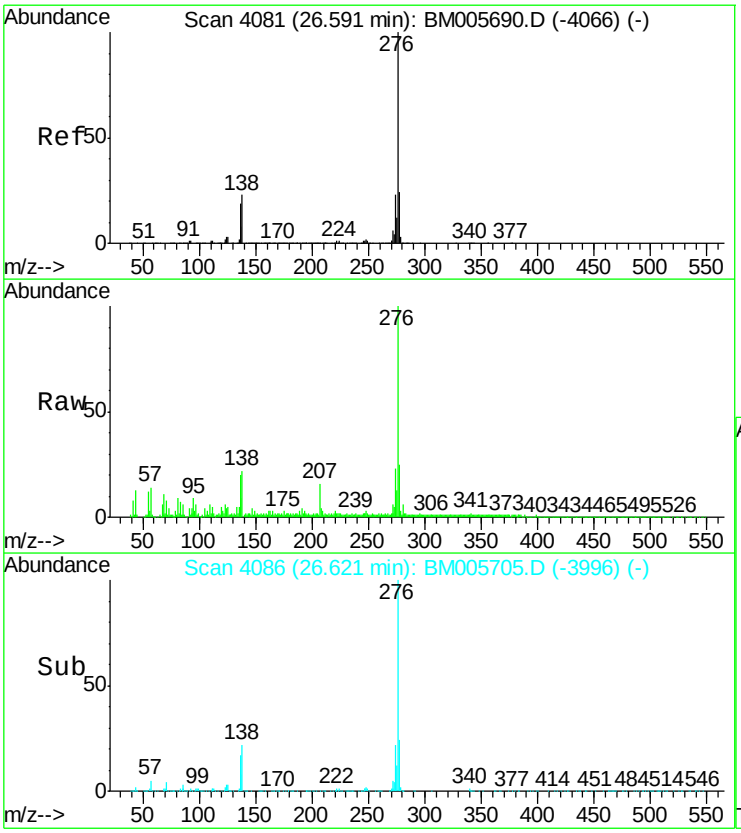
#40
Dibenzo(a,h)anthracene
Concen: 19.61 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. 0.03 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Tgt Ion:278 Resp: 519665

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.1	18.1
279	23.6	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 19.68 ng/ul
RT: 26.62 min Scan# 4086
Delta R.T. 0.03 min
Lab File: BM005705.D
Acq: 07 Jun 2016 22:51

Tgt Ion:276 Resp: 521598

Ion	Ratio	Lower	Upper
276	100		
138	22.1	13.9	20.9#
277	24.9	19.8	29.6