Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060916\
Data File : BM005716.D
Acq On : 09 Jun 2016 16:59
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02051

Quant Time: Jun 10 01:25:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 10 01:23:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	96848	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	474529	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	288165	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	646552	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	687817	20.00	ng/ul	0.00
34) Perylene-d12	23.60	264	647658	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	17219	7.47	ng/uL	0.00
3) Phenol-d5	6.93	99	165281	19.41	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	101286	19.55	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	137671	19.60	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	138018	20.49	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	70407	19.32	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	78428	20.11	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	141861	20.47	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	197808	24.02	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	455934	20.58	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	573931	19.92	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	64451	20.32	ng/ul	0.00
21) Fluorene-d10	15.39	176	395601	20.79	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	60120	19.75	ng/ul	0.00
26) Anthracene-d10	17.24	188	615827	20.06	ng/ul	0.00
30) Pyrene-d10	19.54	212	655345	18.96	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.45	264	594290	19.94	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.59	128	470037	19.49	ng/ul	99
13) 2-Methylnaphthalene	12.21	142	349076	20.82	ng/ul	98
14) 1-Methylnaphthalene	12.43	142	345414	20.93	ng/ul#	95
18) Acenaphthylene	14.12	152	589523	19.78	ng/ul	97
19) Acenaphthene	14.46	153	382037	19.74	ng/ul	96
22) Fluorene	15.44	166	443653	21.19	ng/ul	96
25) Phenanthrene	17.19	178	704267	19.73	ng/ul	98
27) Anthracene	17.28	178	734170	20.25	ng/ul	98
28) Fluoranthene	19.20	202	815406	22.35	ng/ul	99
31) Pyrene	19.57	202	838597	19.32	ng/ul	97
32) Benzo(a)anthracene	21.32	228	798824	19.80	ng/ul	97
33) Chrysene	21.37	228	764173	20.05	ng/ul	98
35) Benzo(b)fluoranthene	22.91	252	777816	19.91	ng/ul	99
36) Benzo(k)fluoranthene	22.96	252	765667	20.89	ng/ul	98
38) Benzo(a)pyrene	23.50	252	737707	19.62	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.89	276	723547	16.27	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.89	278	608409	16.30	ng/ul	97
41) Benzo(g,h,i)perylene	26.59	276	592223	15.87	ng/ul#	94

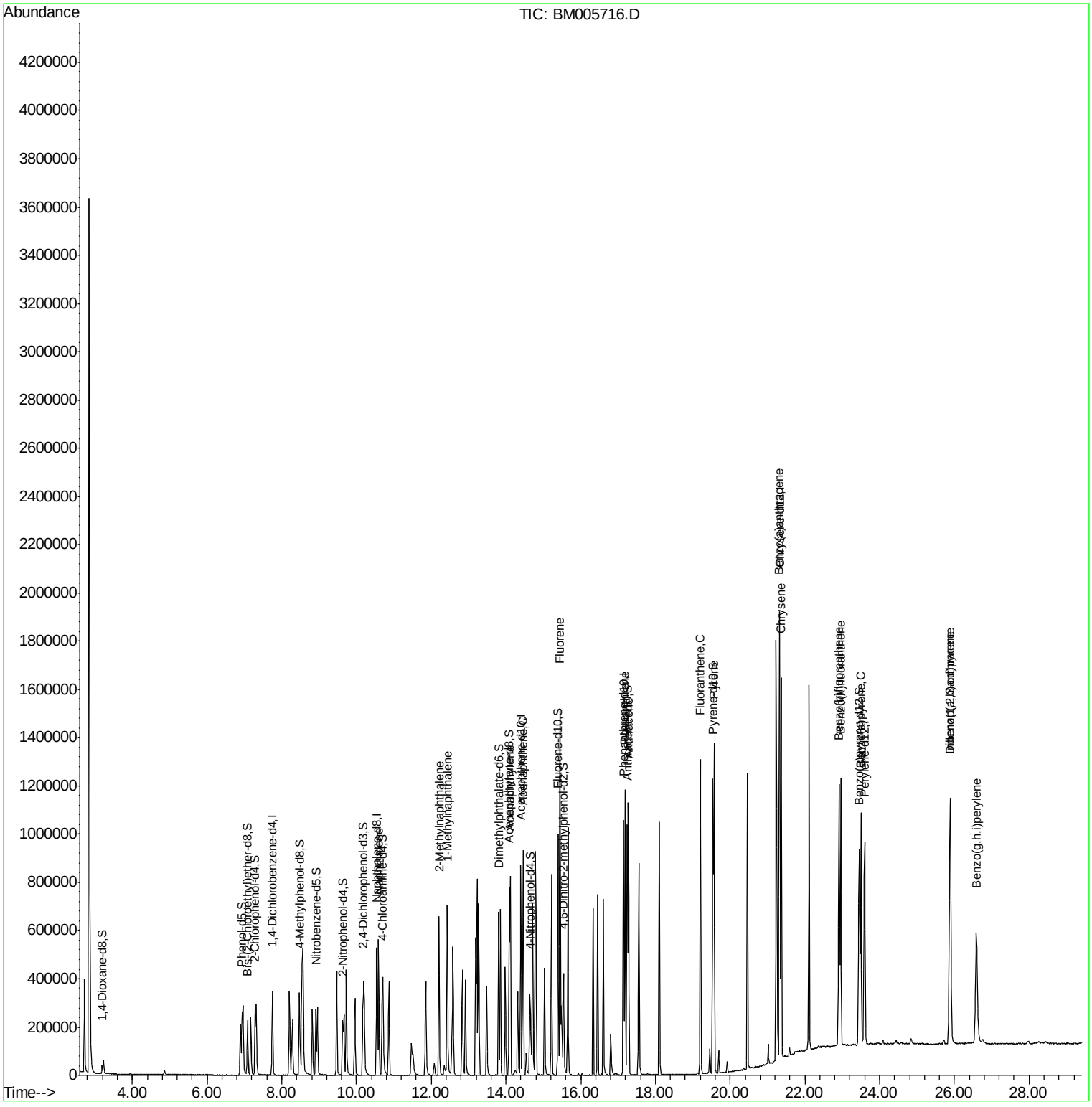
(#) = qualifier out of range (m) = manual integration (+) = signals summed

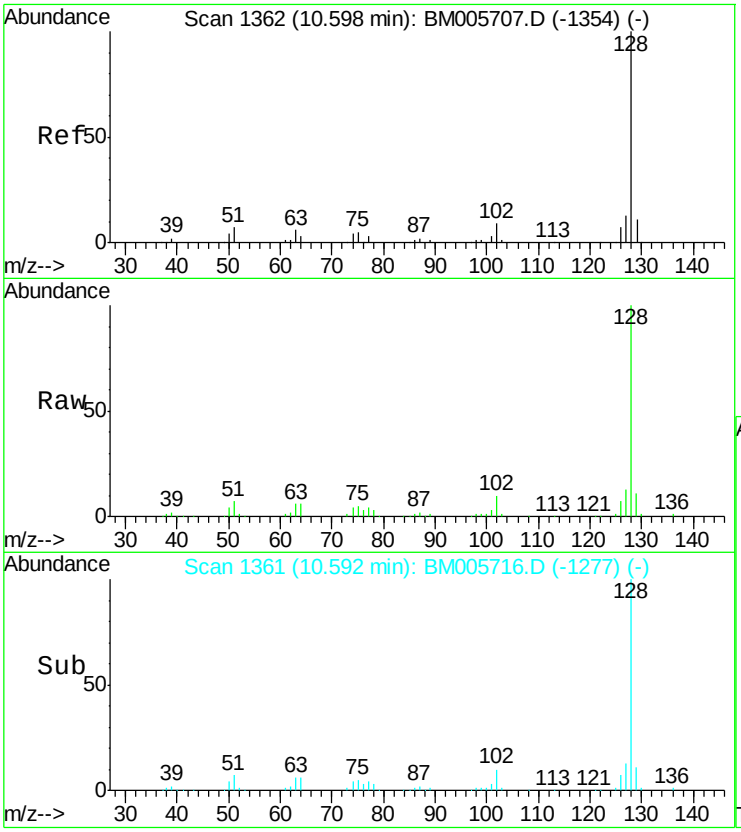
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060916\
Data File : BM005716.D
Acq On : 09 Jun 2016 16:59
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Quant Time: Jun 10 01:25:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 10 01:23:18 2016
Response via : Initial Calibration



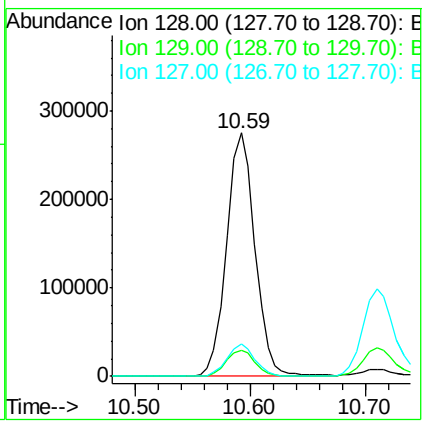


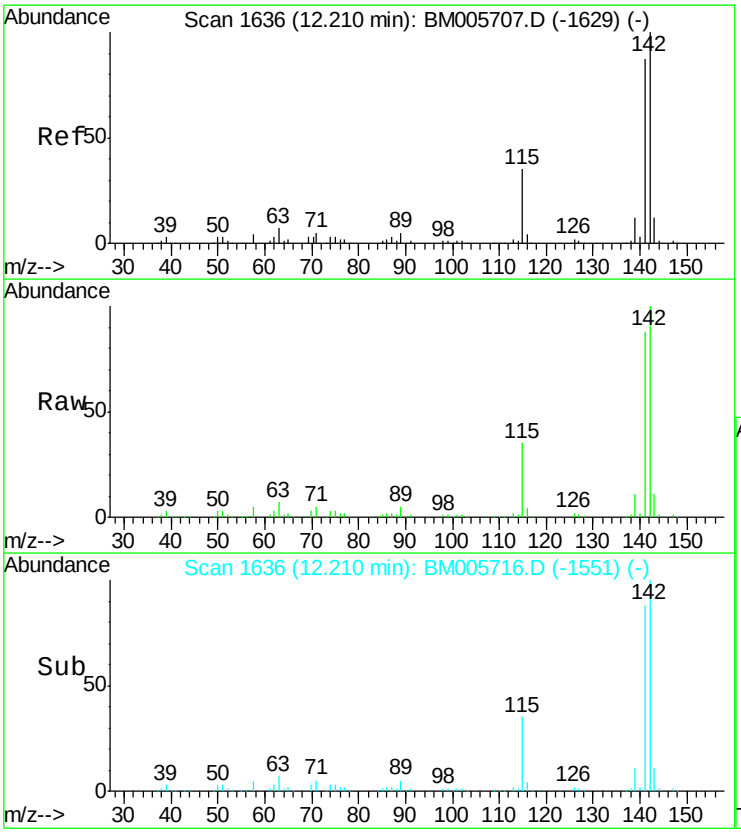
#11
Naphthalene
Concen: 19.49 ng/ul
RT: 10.59 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:128 Resp: 470037

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.3	12.5
127	13.1	10.8	16.2

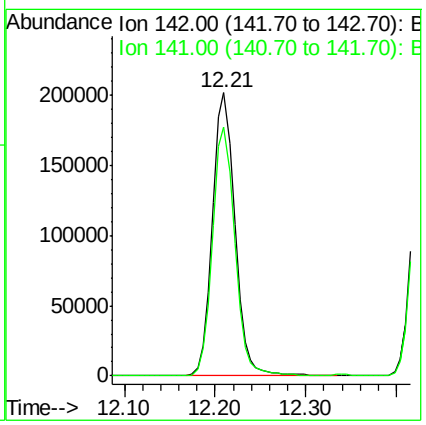


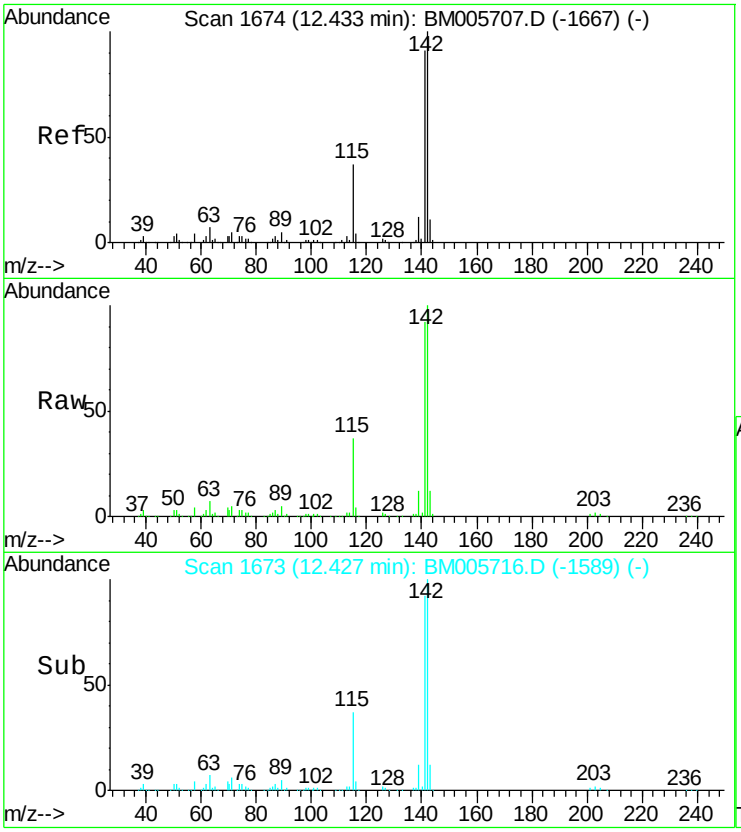


#13
2-Methylnaphthalene
Concen: 20.82 ng/ul
RT: 12.21 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Tgt Ion:142 Resp: 349076

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9



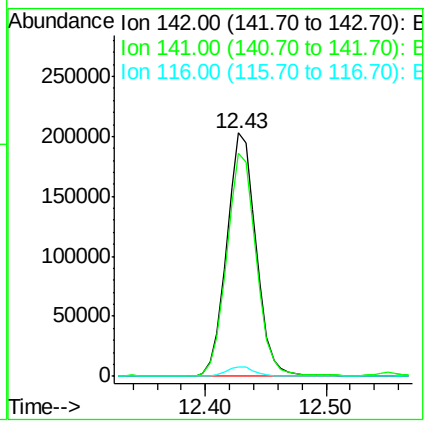


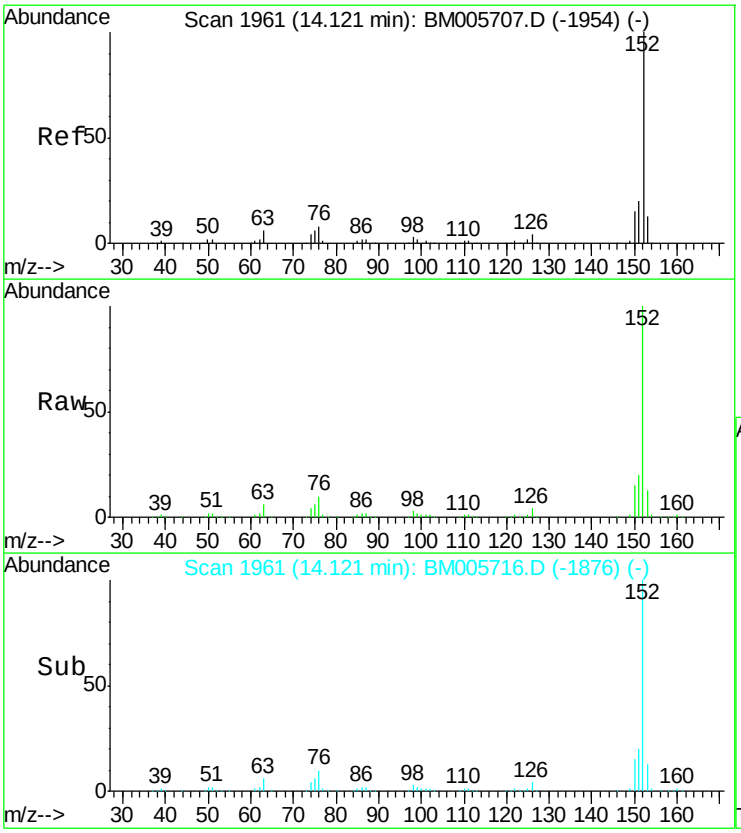
#14
1-Methylnaphthalene
Concen: 20.93 ng/ul
RT: 12.43 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:142 Resp: 345414

Ion	Ratio	Lower	Upper
142	100		
141	91.7	77.0	115.4
116	3.7	4.2	6.4#

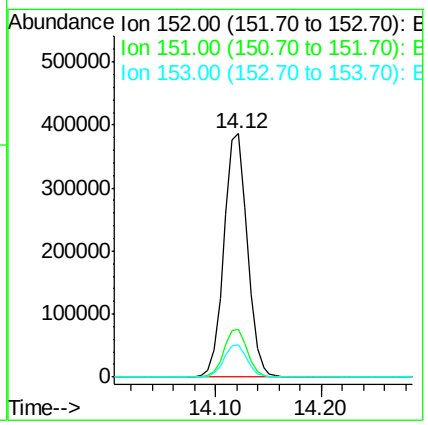


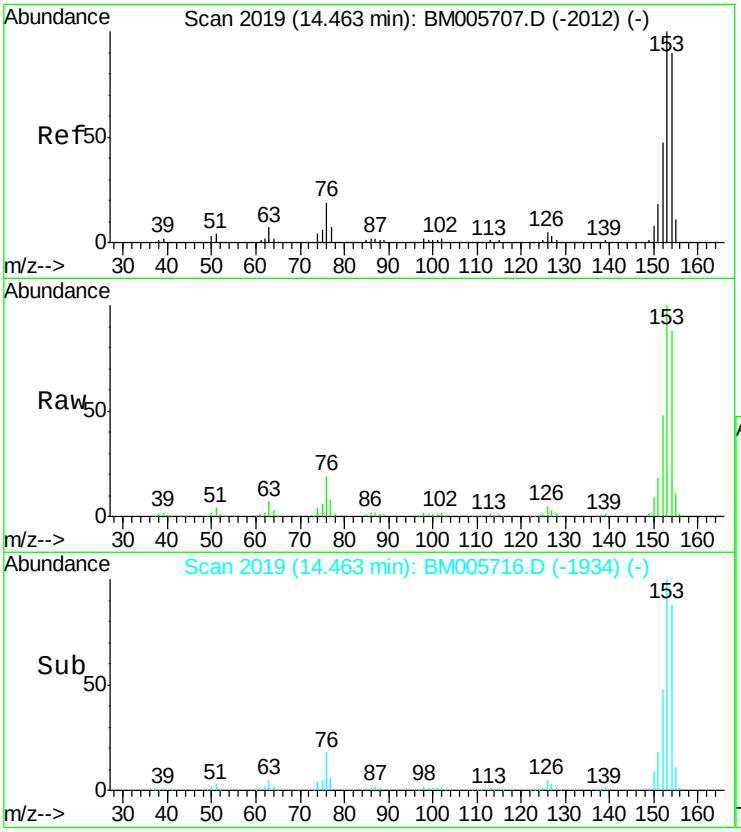


#18
Acenaphthylene
Concen: 19.78 ng/ul
RT: 14.12 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Tgt Ion:152 Resp: 589523

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.3	25.9
153	13.1	11.1	16.7



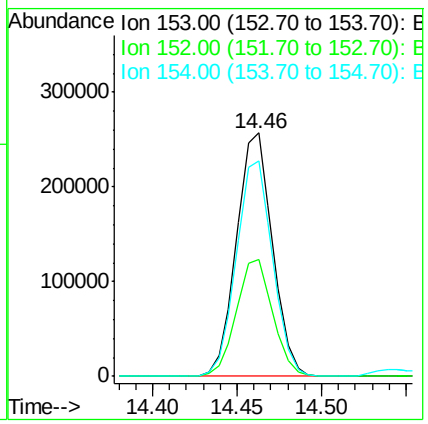


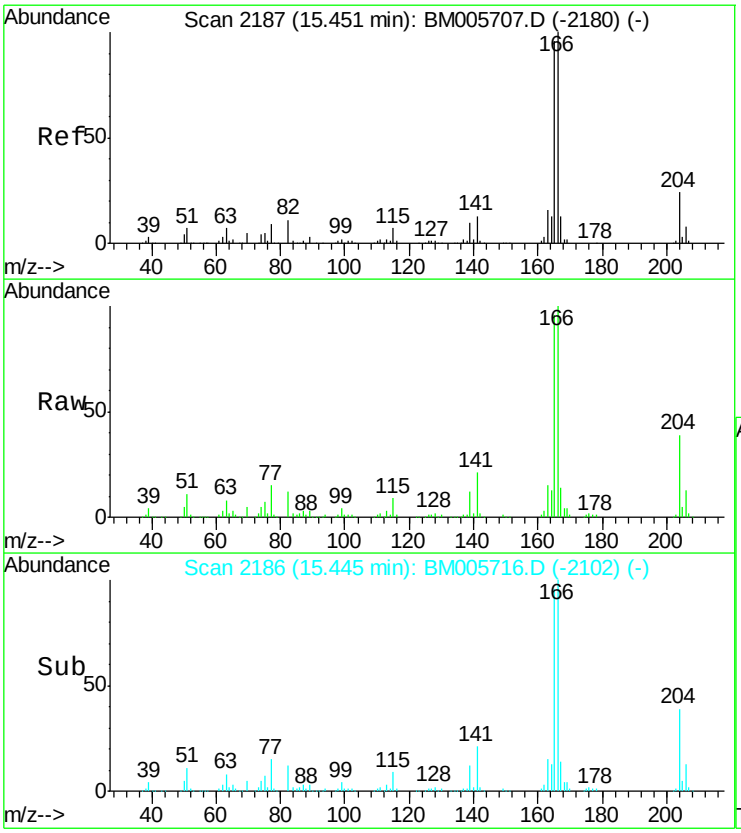
#19
Acenaphthene
Concen: 19.74 ng/ul
RT: 14.46 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:153 Resp: 382037

Ion	Ratio	Lower	Upper
153	100		
152	47.8	36.5	54.7
154	88.4	67.3	100.9

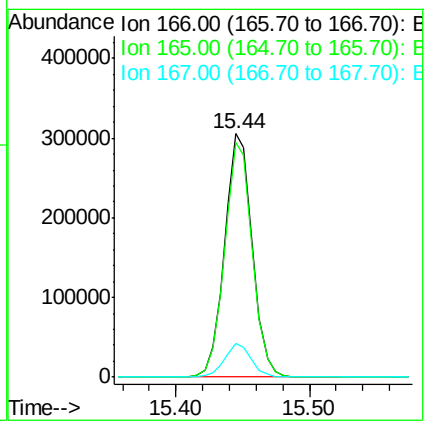


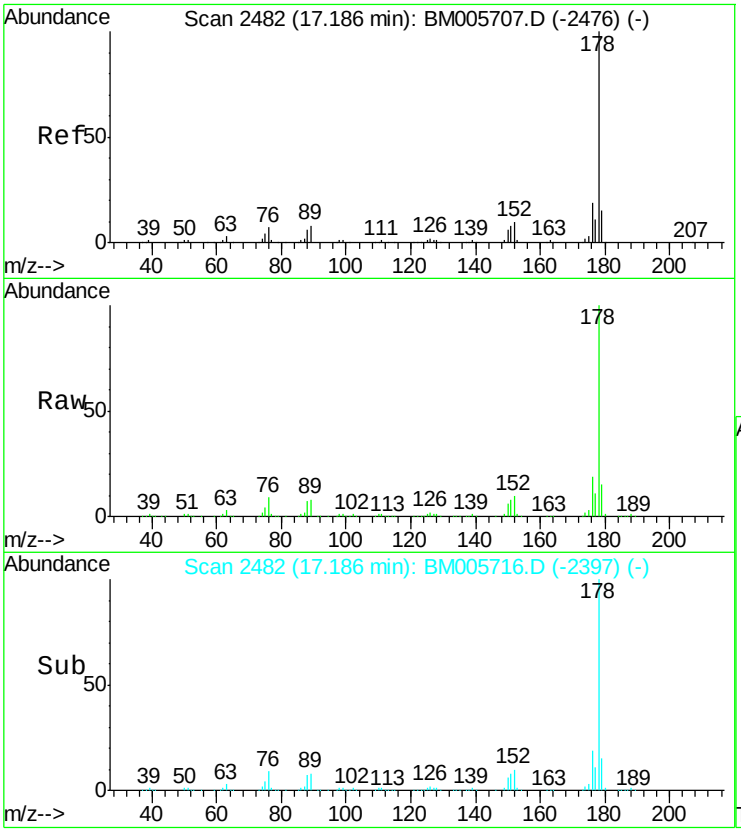


#22
Fluorene
Concen: 21.19 ng/ul
RT: 15.44 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Tgt Ion:166 Resp: 443653

Ion	Ratio	Lower	Upper
166	100		
165	96.4	81.1	121.7
167	13.6	10.6	16.0



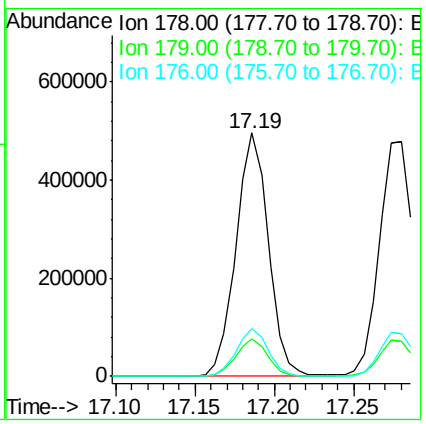


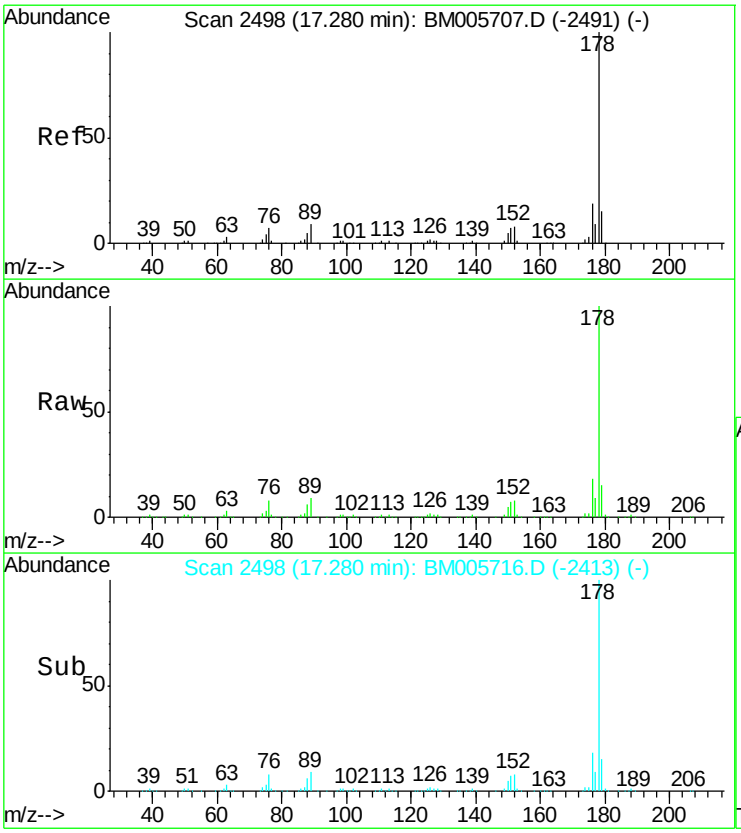
#25
Phenanthrene
Concen: 19.73 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:178 Resp: 704267

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.4	14.8	22.2

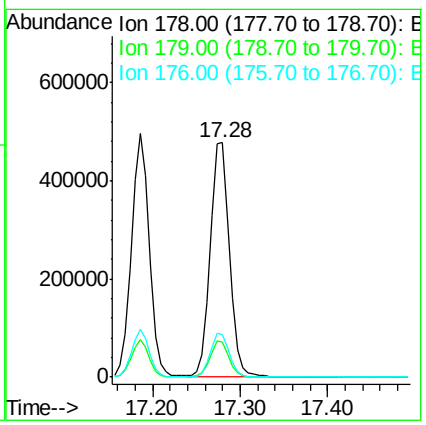


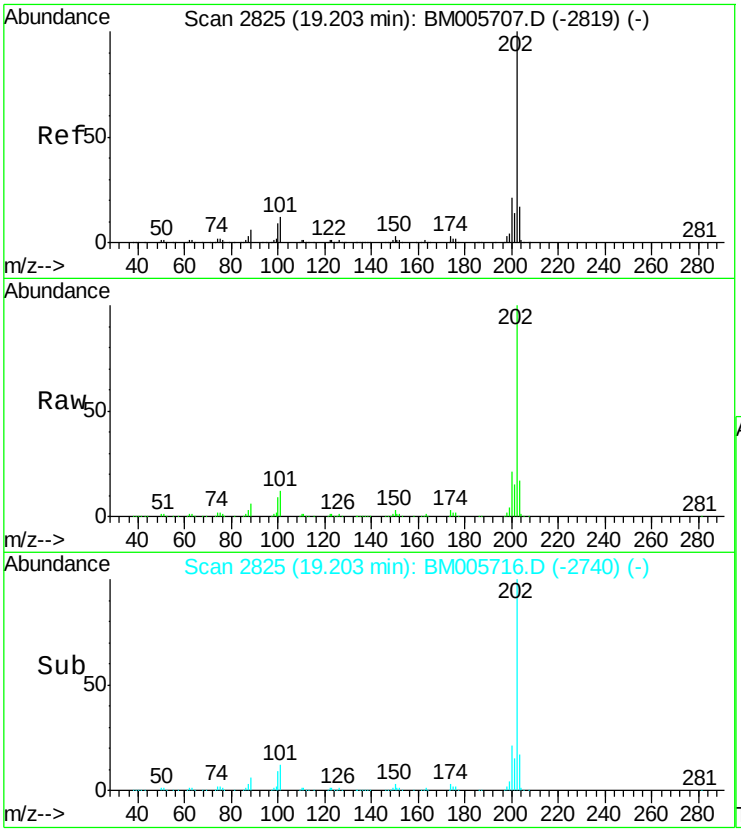


#27
Anthracene
Concen: 20.25 ng/ul
RT: 17.28 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Tgt Ion:178 Resp: 734170

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.9	19.3
176	18.5	15.6	23.4



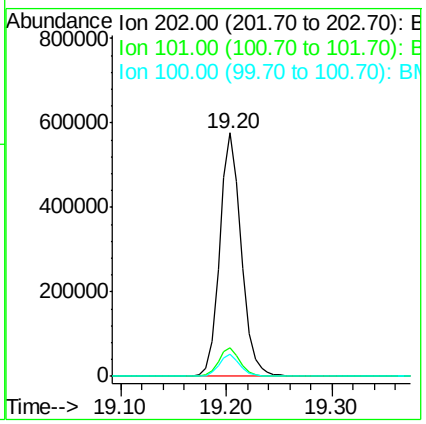


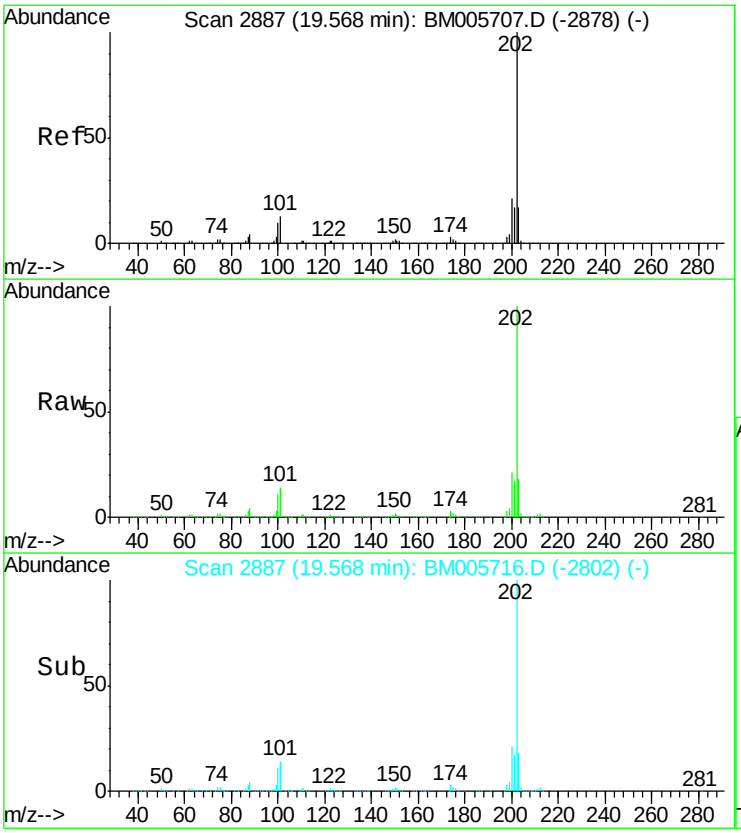
#28
Fluoranthene
Concen: 22.35 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:202 Resp: 815406

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.9	13.3
100	8.9	7.0	10.4

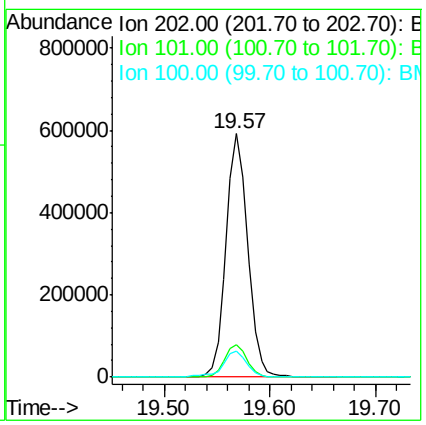


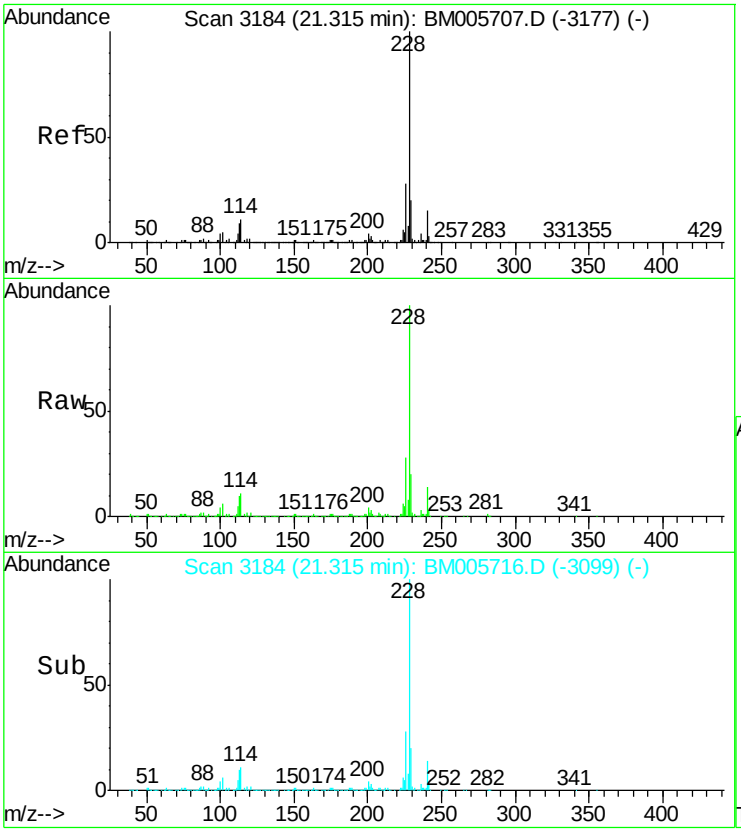


#31
Pyrene
Concen: 19.32 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Tgt Ion:202 Resp: 838597

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.8	14.8
100	10.6	9.3	13.9



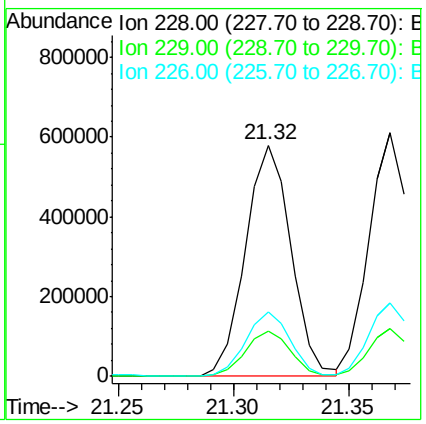


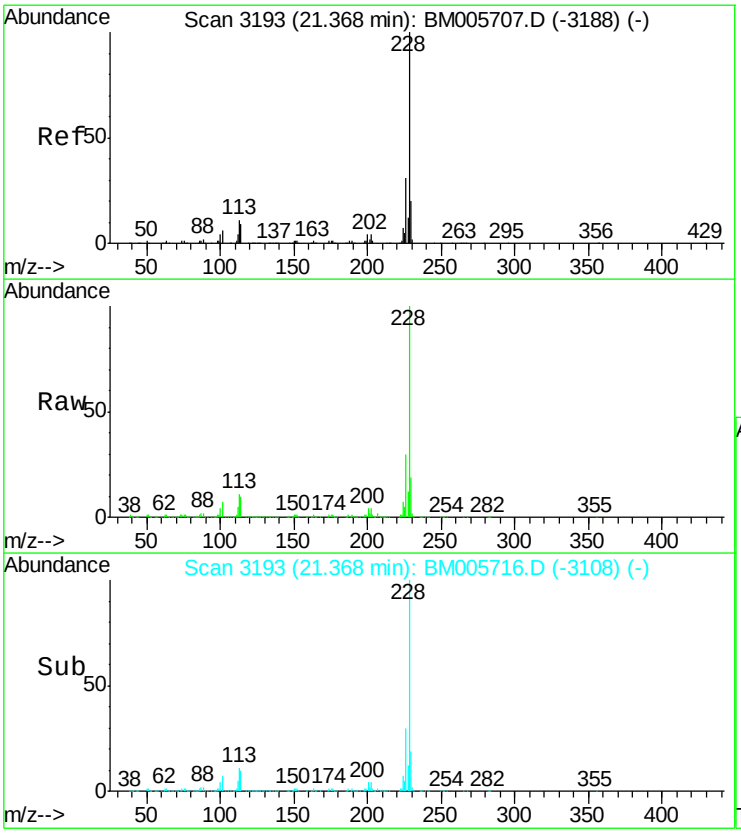
#32
Benzo(a)anthracene
Concen: 19.80 ng/ul
RT: 21.32 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:228 Resp: 798824

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.6	25.0
226	27.8	21.0	31.4

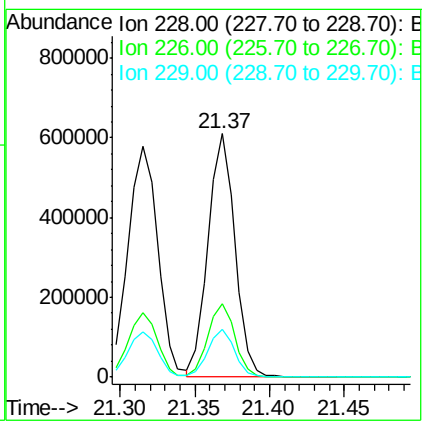


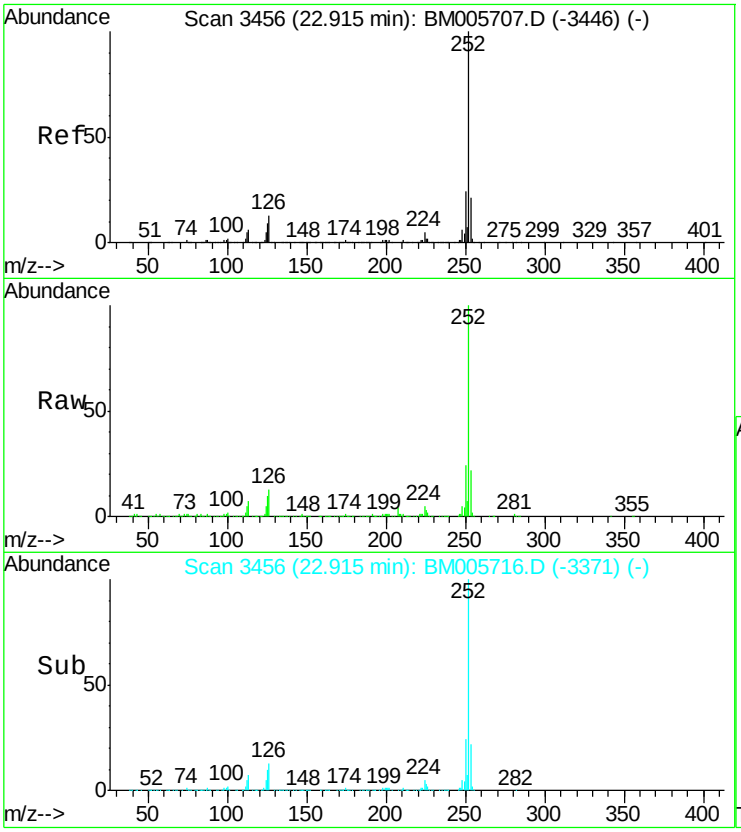


#33
Chrysene
Concen: 20.05 ng/ul
RT: 21.37 min Scan# 3193
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Tgt Ion:228 Resp: 764173

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	19.5	16.2	24.2



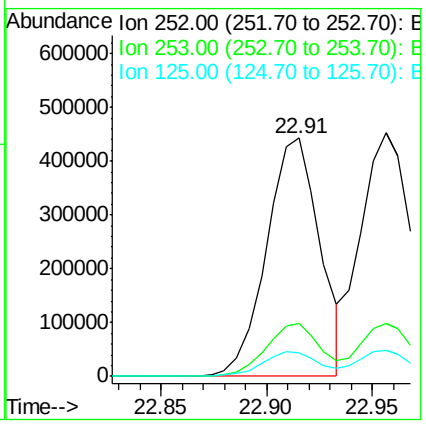


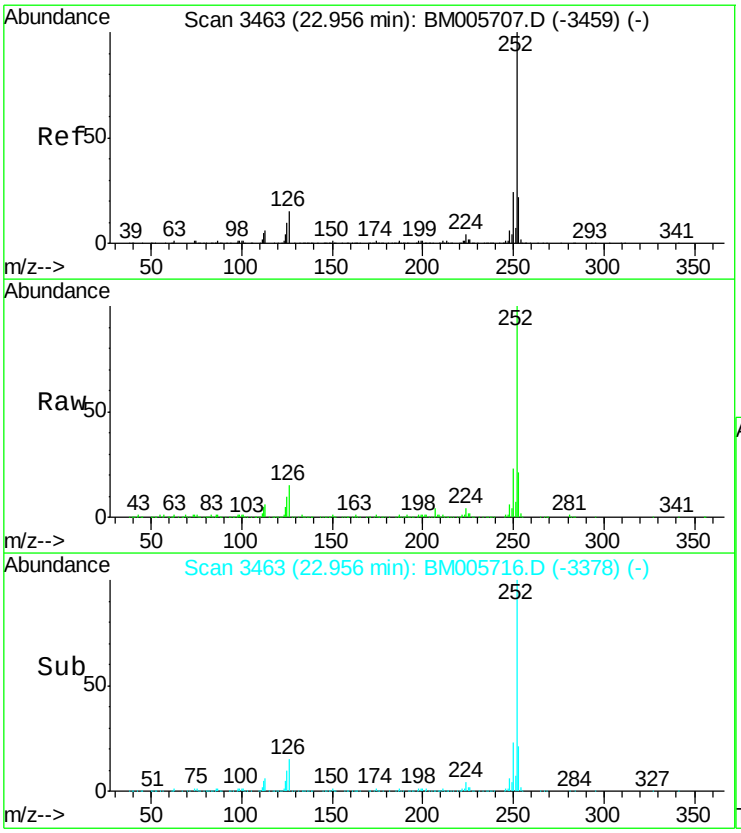
#35
Benzo(b)fluoranthene
Concen: 19.91 ng/ul
RT: 22.91 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:252 Resp: 777816

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	10.1	7.6	11.4

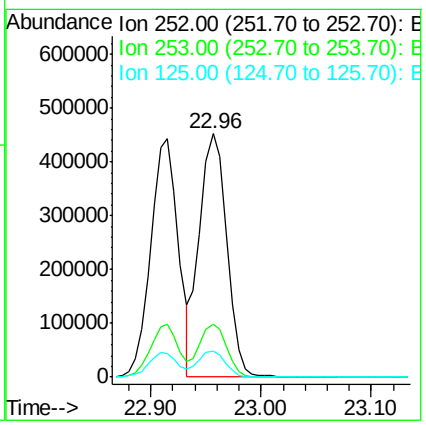


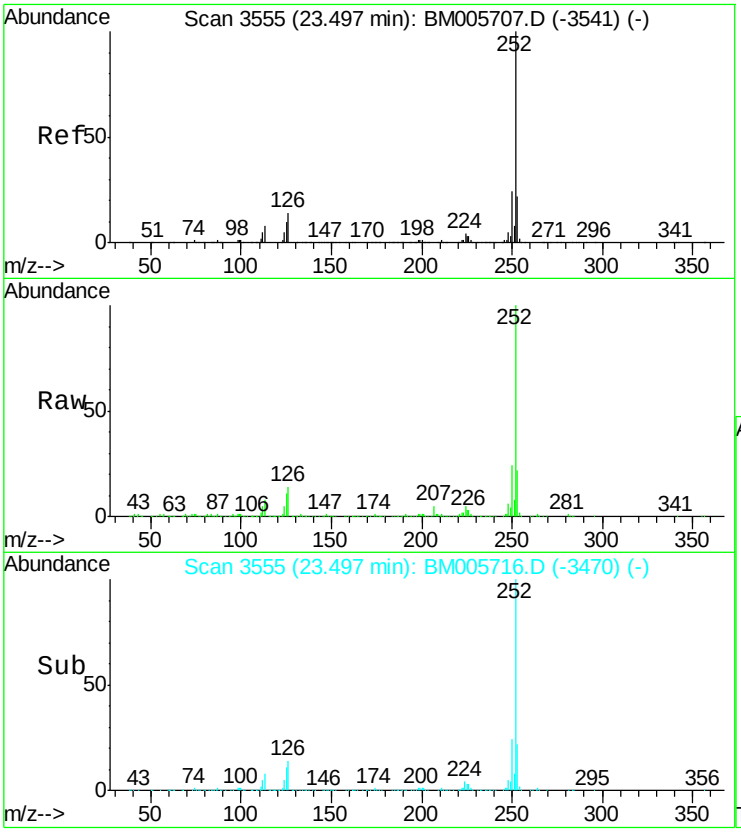


#36
Benzo(k)fluoranthene
Concen: 20.89 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Tgt Ion:252 Resp: 765667

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	10.4	7.7	11.5



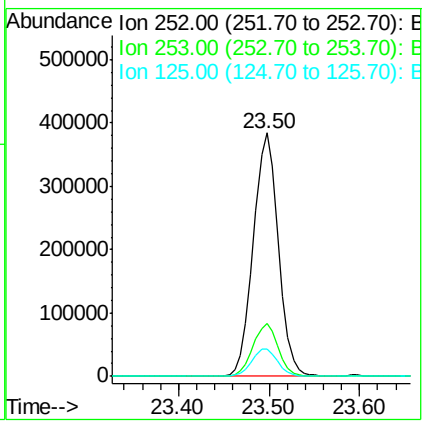


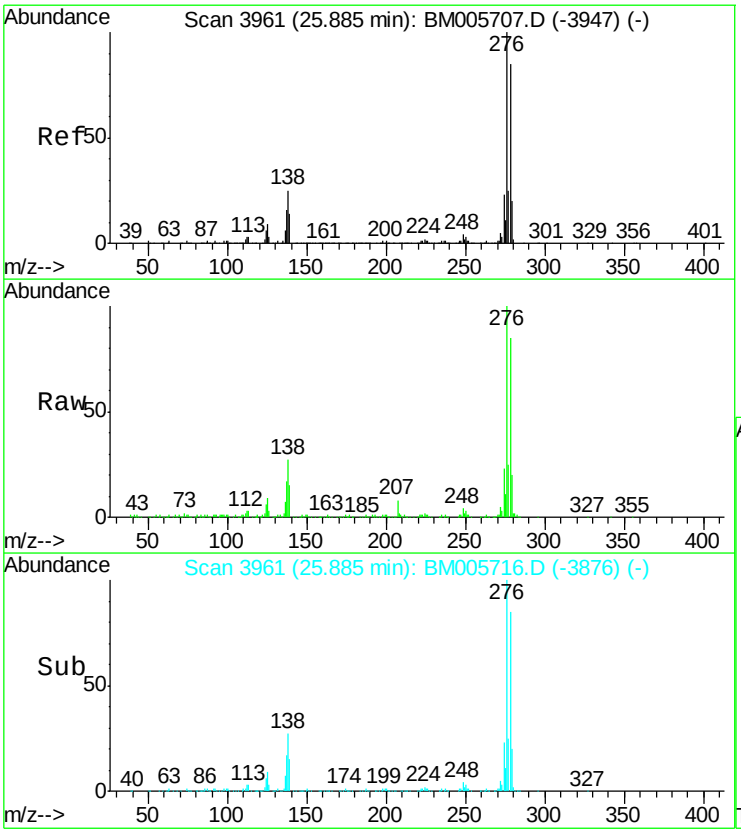
#38
Benzo(a)pyrene
Concen: 19.62 ng/ul
RT: 23.50 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:252 Resp: 737707

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.0	8.2	12.2

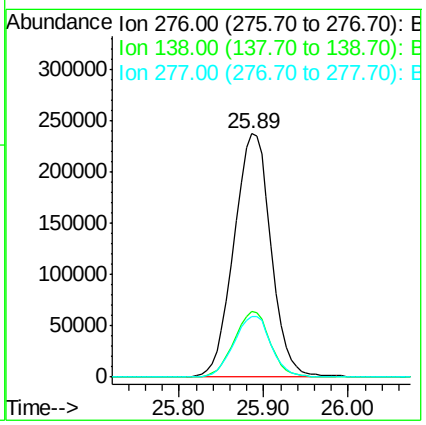


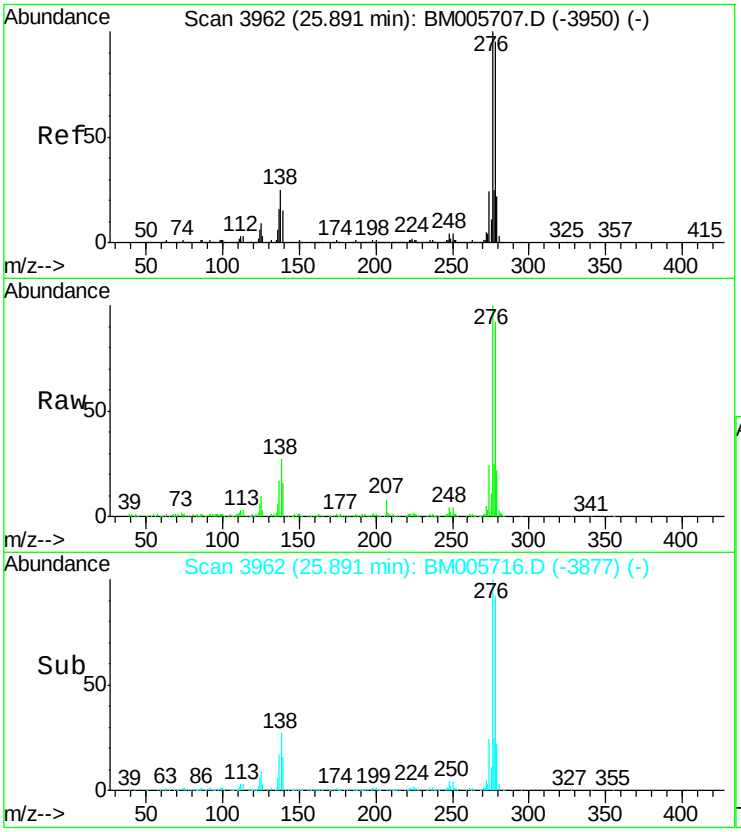


#39
Indeno(1,2,3-cd)pyrene
Concen: 16.27 ng/ul
RT: 25.89 min Scan# 3961
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Tgt Ion:276 Resp: 723547

Ion	Ratio	Lower	Upper
276	100		
138	26.8	15.8	23.6#
277	25.0	19.0	28.6



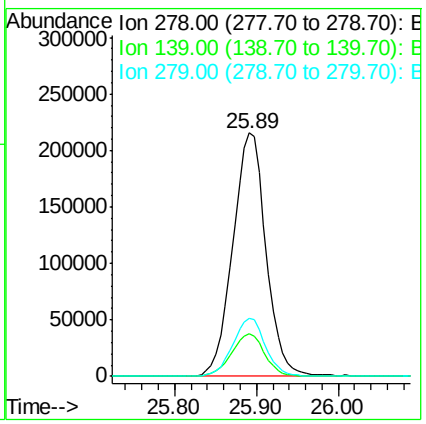


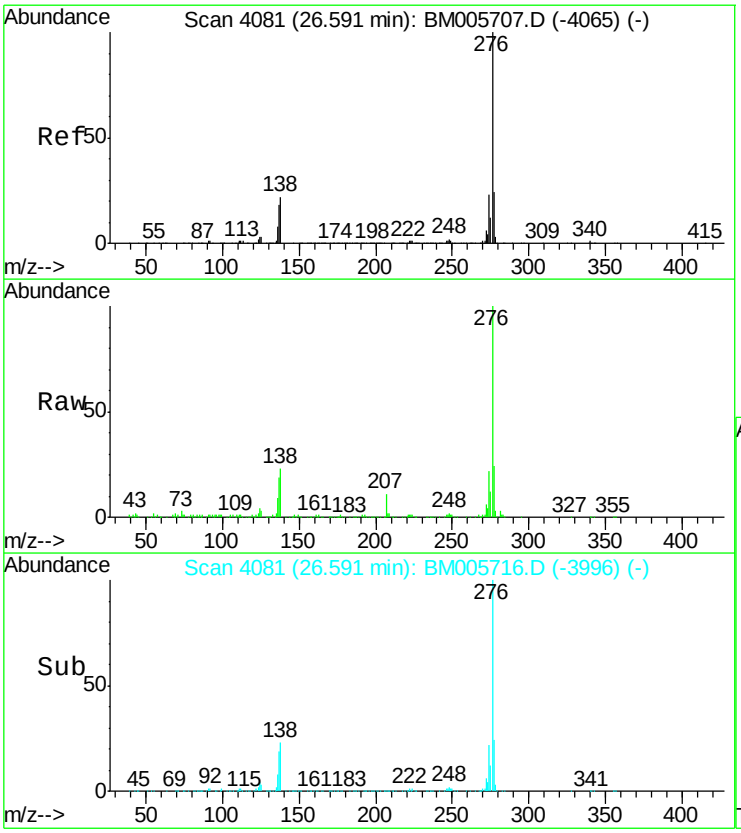
#40
Dibenzo(a,h)anthracene
Concen: 16.30 ng/ul
RT: 25.89 min Scan# 3962
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:278 Resp: 608409

Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.1	18.1
279	24.0	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 15.87 ng/ul
RT: 26.59 min Scan# 4081
Delta R.T. 0.00 min
Lab File: BM005716.D
Acq: 09 Jun 2016 16:59

Tgt Ion:276 Resp: 592223

Ion	Ratio	Lower	Upper
276	100		
138	23.1	13.9	20.9#
277	23.9	19.8	29.6