Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061016\
Data File : BM005719.D
Acq On : 11 Jun 2016 00:40
Operator : UM/SJ
Sample : SSTD16034
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16034

Quant Time: Jun 11 05:17:42 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	78066	20.00	ng/ul	0.00
7) Naphthalene-d8	10.54	136	391315	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	227121	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	516815	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	438983	20.00	ng/ul	0.01
34) Perylene-d12	23.57	264	402058	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	98936	53.67	ng/uL	0.00
3) Phenol-d5	6.94	99	1100876	161.18	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.09	67	600781	144.74	ng/ul	0.01
5) 2-Chlorophenol-d4	7.29	132	867050	153.57	ng/ul	0.00
6) 4-Methylphenol-d8	8.49	113	912400	166.08	ng/ul	0.02
8) Nitrobenzene-d5	8.92	128	458053	153.50	ng/ul	0.01
9) 2-Nitrophenol-d4	9.63	143	510917	157.74	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.18	165	856235	148.95	ng/ul	0.01
12) 4-Chloroaniline-d4	10.68	131	657960	94.65	ng/ul	0.00
16) Dimethylphthalate-d6	13.82	166	2466748	138.69	ng/ul	0.02
17) Acenaphthylene-d8	14.09	160	2920539	128.00	ng/ul	0.01
20) 4-Nitrophenol-d4	14.66	143	444877	173.23	ng/ul	0.04
21) Fluorene-d10	15.39	176	1929361	126.65	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.54	200	439357	175.15	ng/ul	0.02
26) Anthracene-d10	17.24	188	2894002	118.05	ng/ul	0.01
30) Pyrene-d10	19.54	212	3072720	141.00	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.44	264	2580483	139.40	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.59	128	2599452	131.04	ng/ul	100
13) 2-Methylnaphthalene	12.21	142	1875780	133.61	ng/ul	100
14) 1-Methylnaphthalene	12.43	142	1829276	132.27	ng/ul	97
18) Acenaphthylene	14.12	152	2874593	122.36	ng/ul	99
19) Acenaphthene	14.46	153	1897228	124.13	ng/ul	99
22) Fluorene	15.45	166	1835719	109.76	ng/ul	99
25) Phenanthrene	17.19	178	3381709	118.48	ng/ul	100
27) Anthracene	17.29	178	3275324	112.83	ng/ul	99
28) Fluoranthene	19.20	202	3775962	125.81	ng/ul	97
31) Pyrene	19.57	202	3608194	131.26	ng/ul	97
32) Benzo(a)anthracene	21.31	228	3461968	135.03	ng/ul	99
33) Chrysene	21.36	228	3089243	125.69	ng/ul	98
35) Benzo(b)fluoranthene	22.91	252	3322619	137.47	ng/ul	98
36) Benzo(k)fluoranthene	22.96	252	3012627	130.56	ng/ul	99
38) Benzo(a)pyrene	23.49	252	3003301	129.50	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.90	276	3253408	122.75	ng/ul	100
40) Dibenzo(a,h)anthracene	25.90	278	2607797	117.53	ng/ul	99
41) Benzo(g,h,i)perylene	26.59	276	2925658	131.73	ng/ul	97

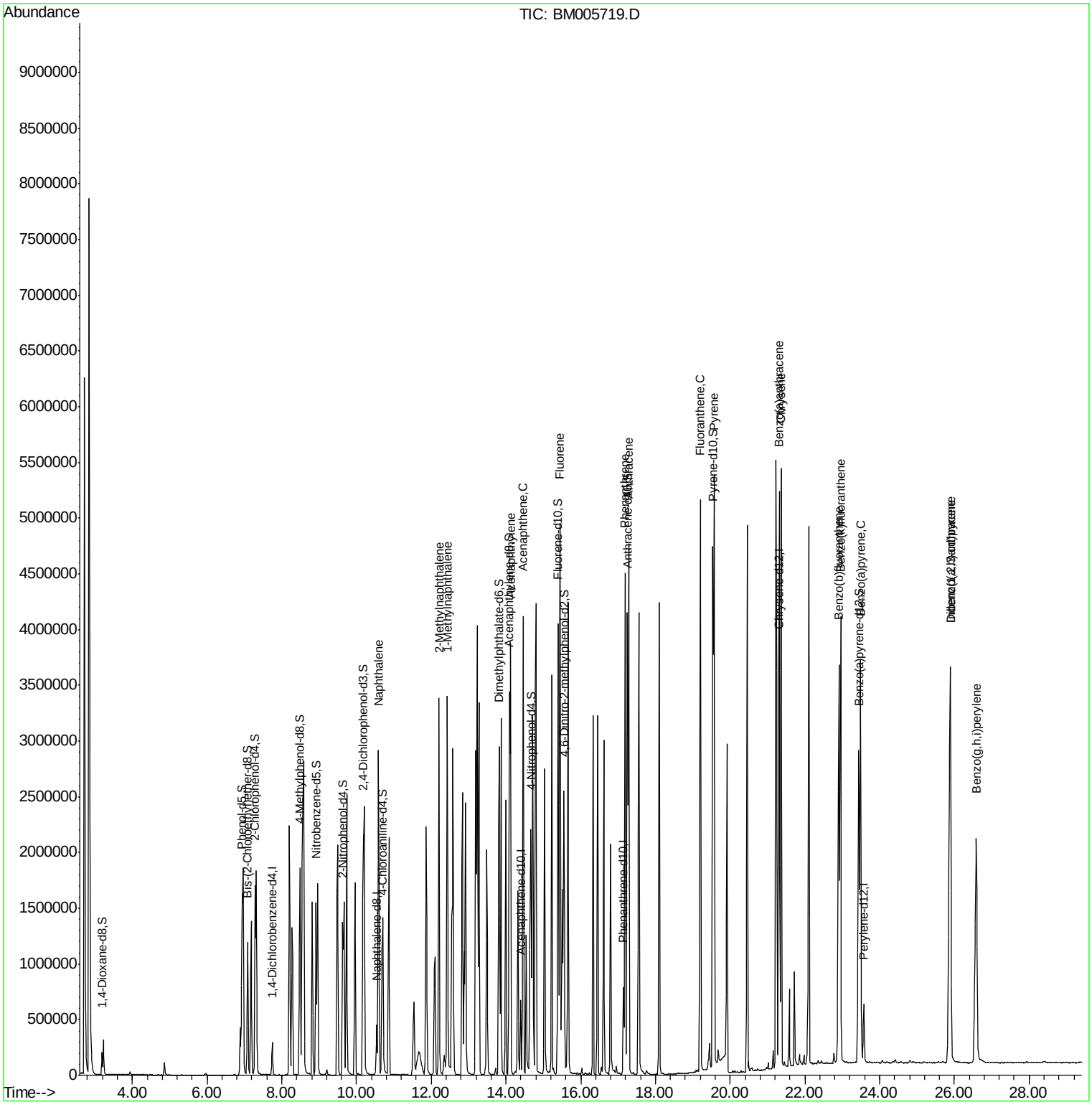
(#) = qualifier out of range (m) = manual integration (+) = signals summed

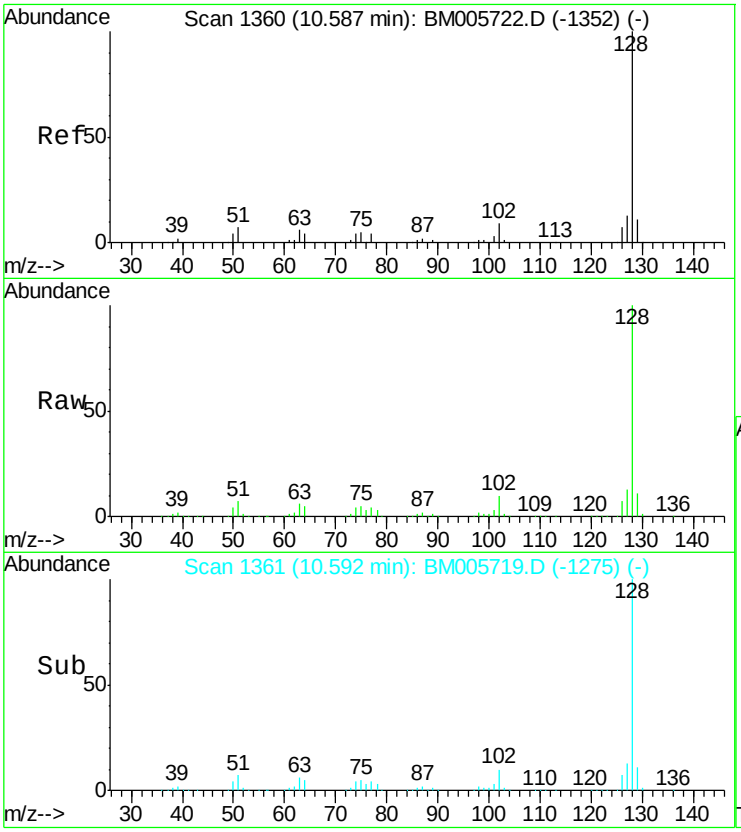
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061016\
Data File : BM005719.D
Acq On : 11 Jun 2016 00:40
Operator : UM/SJ
Sample : SSTD16034
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16034

Quant Time: Jun 11 05:17:42 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



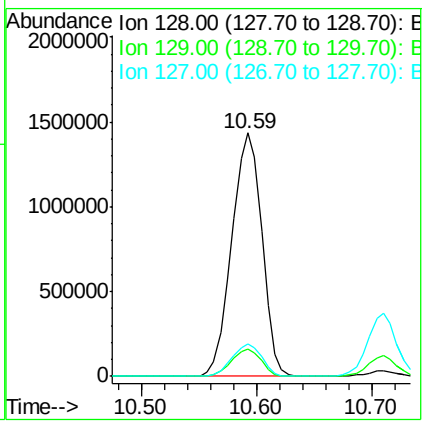


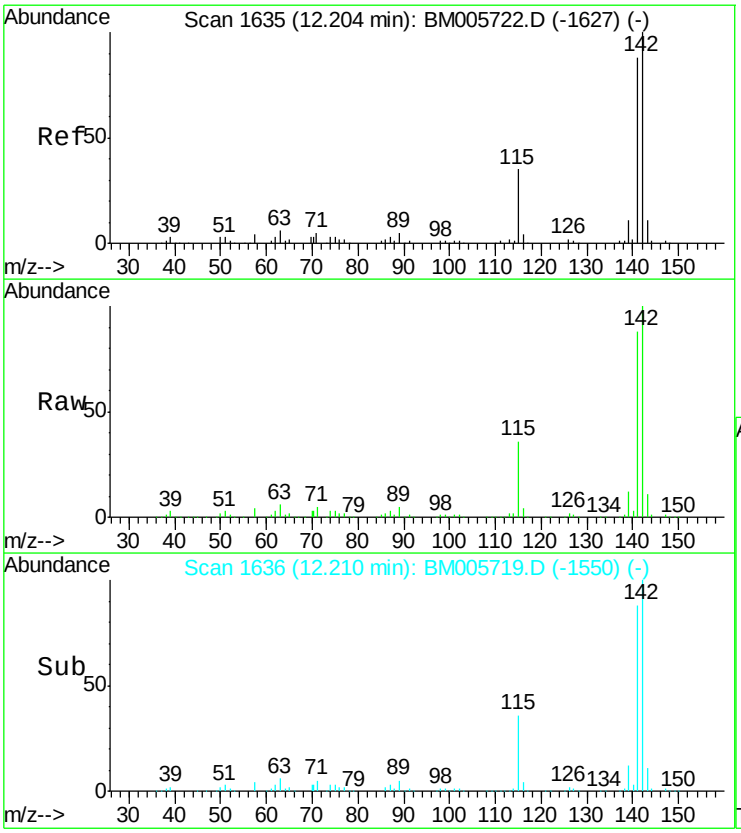
#11
Naphthalene
Concen: 131.04 ng/ul
RT: 10.59 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Instrument :
BNA_M
ClientSampleId :
SSTD16034

Tgt Ion:128 Resp: 2599452

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.3	15.5

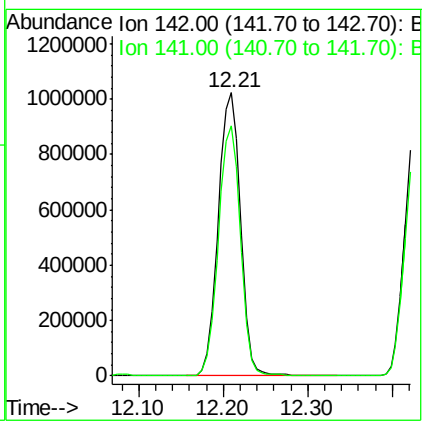


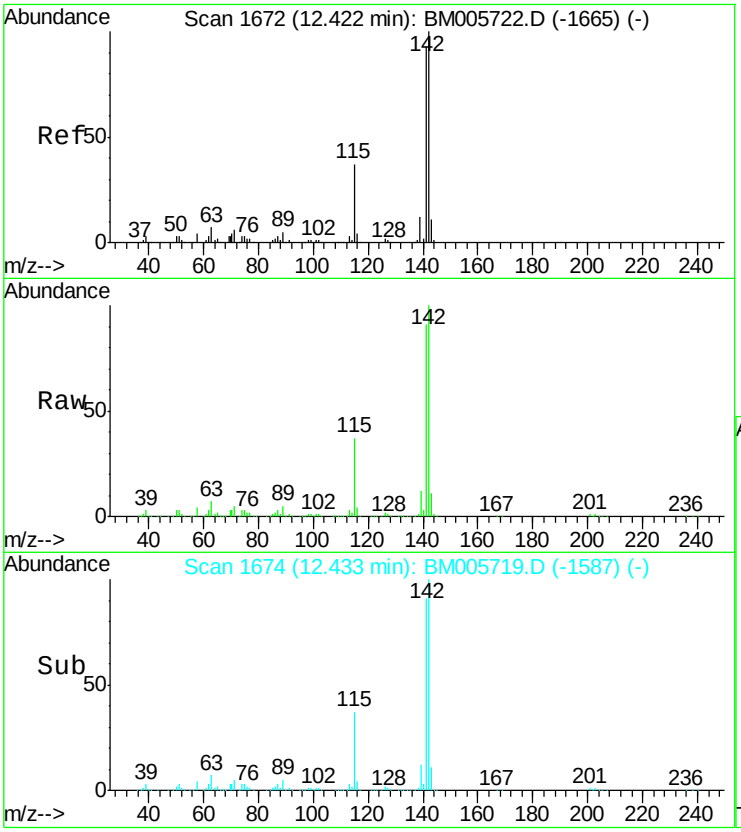


#13
2-Methylnaphthalene
Concen: 133.61 ng/ul
RT: 12.21 min Scan# 1636
Delta R.T. 0.01 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Tgt Ion:142 Resp: 1875780

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.2	105.4



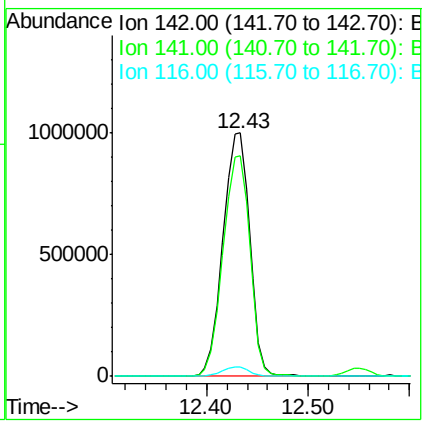


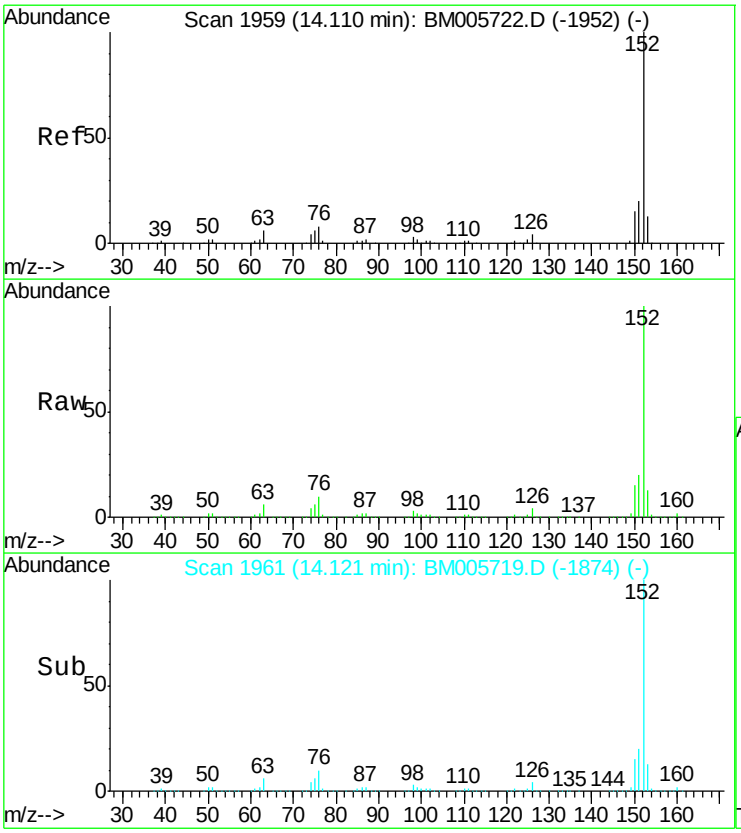
#14
1-Methylnaphthalene
Concen: 132.27 ng/ul
RT: 12.43 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Instrument :
BNA_M
ClientSampleId :
SSTD16034

Tgt Ion:142 Resp: 1829276

Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.6	111.8
116	3.9	3.0	4.6

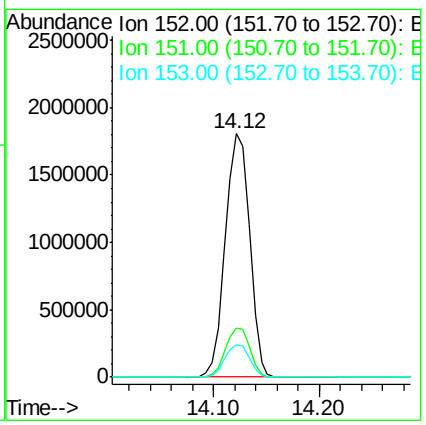


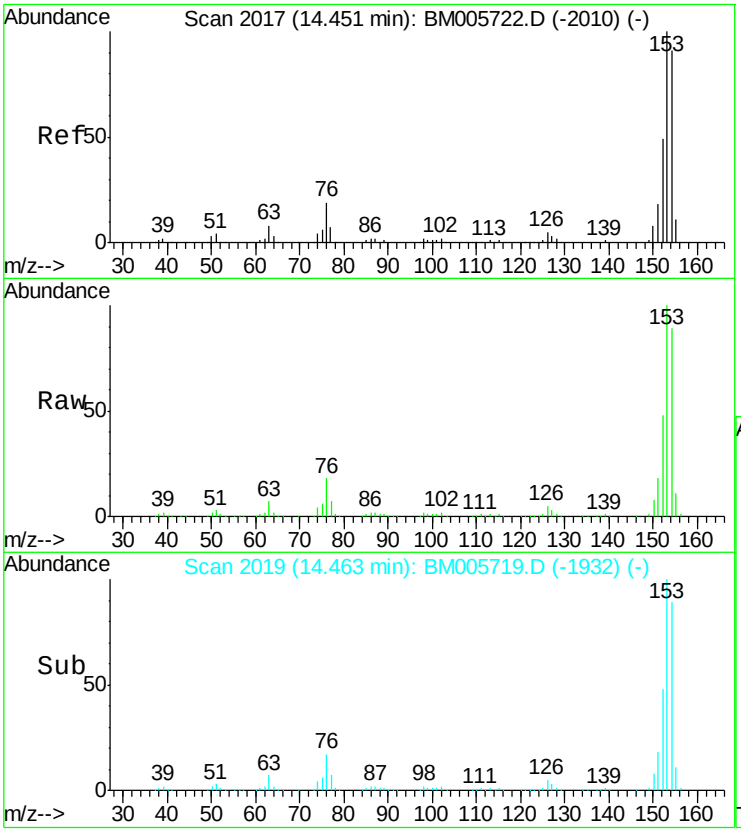


#18
Acenaphthylene
Concen: 122.36 ng/ul
RT: 14.12 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Tgt Ion:152 Resp: 2874593

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.5	10.4	15.6



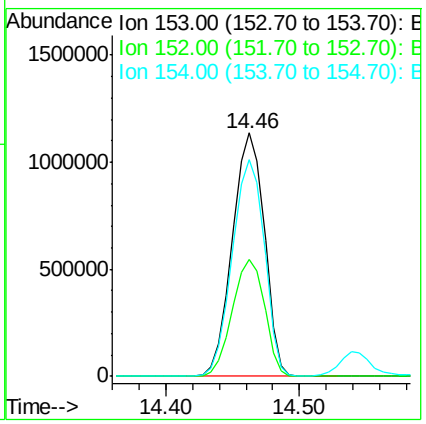


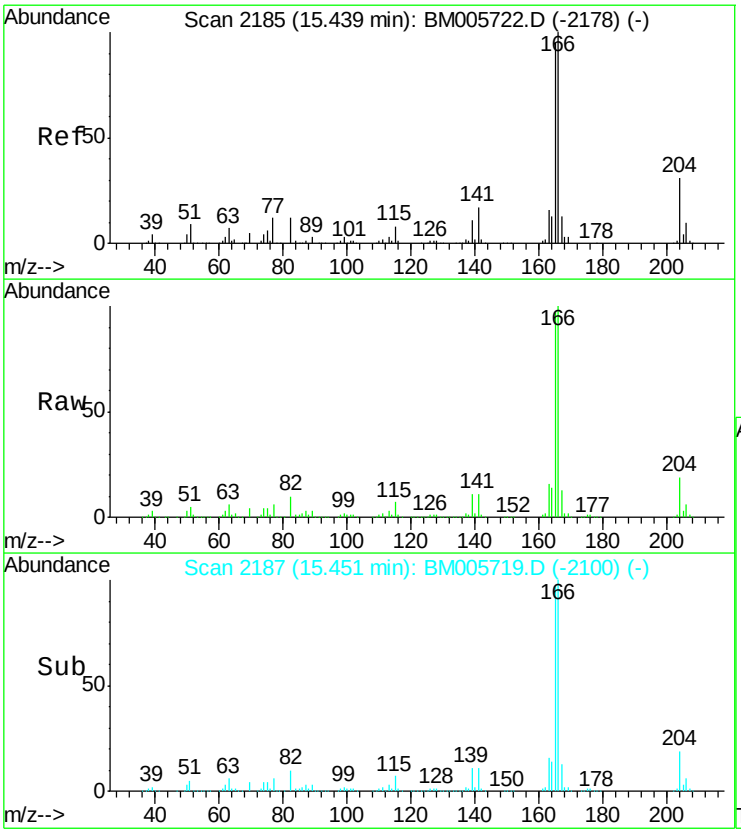
#19
Acenaphthene
Concen: 124.13 ng/ul
RT: 14.46 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Instrument :
BNA_M
ClientSampleId :
SSTD16034

Tgt Ion:153 Resp: 1897228

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.8	58.2
154	88.8	72.5	108.7

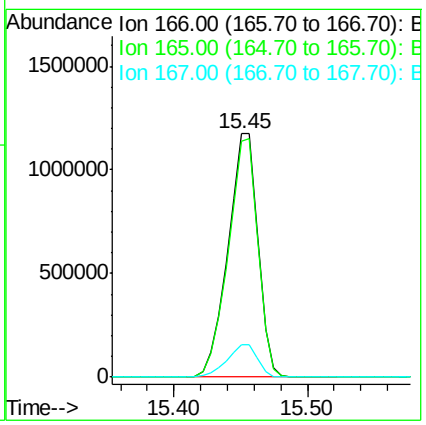


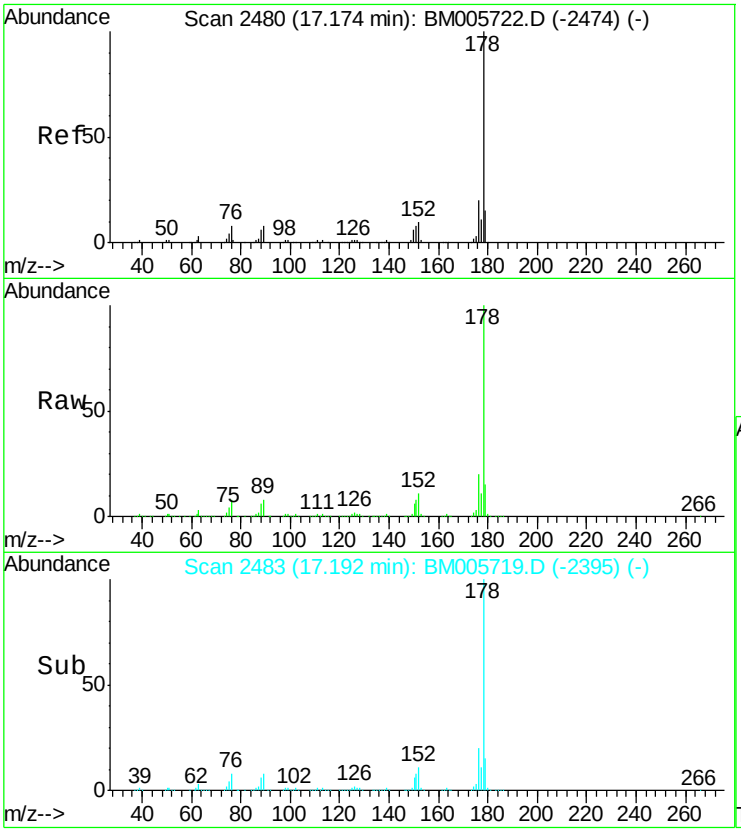


#22
Fluorene
Concen: 109.76 ng/ul
RT: 15.45 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Tgt Ion:166 Resp: 1835719

Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.4	114.6
167	13.4	10.6	16.0



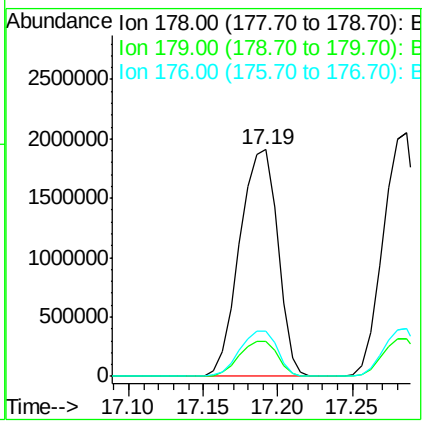


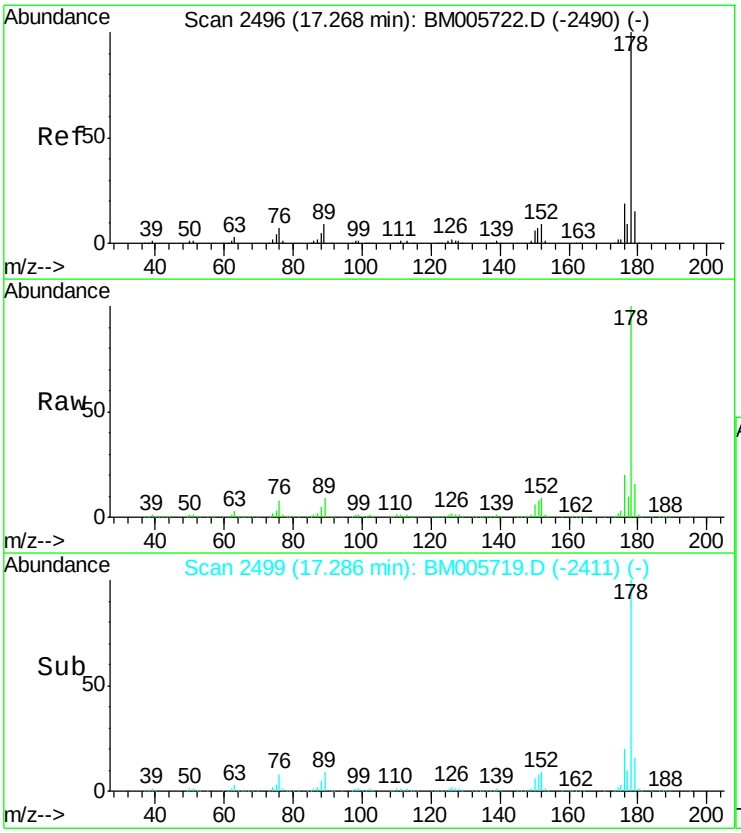
#25
Phenanthrene
Concen: 118.48 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.02 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Instrument :
BNA_M
ClientSampleId :
SSTD16034

Tgt Ion:178 Resp: 3381709

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	20.0	15.8	23.6

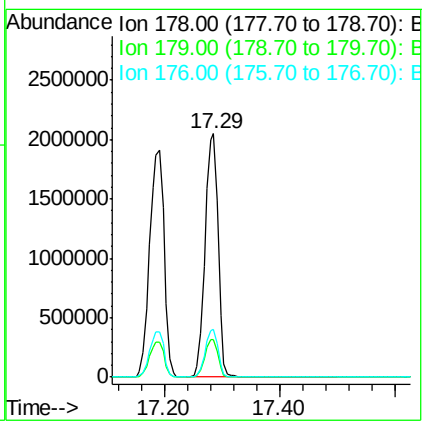


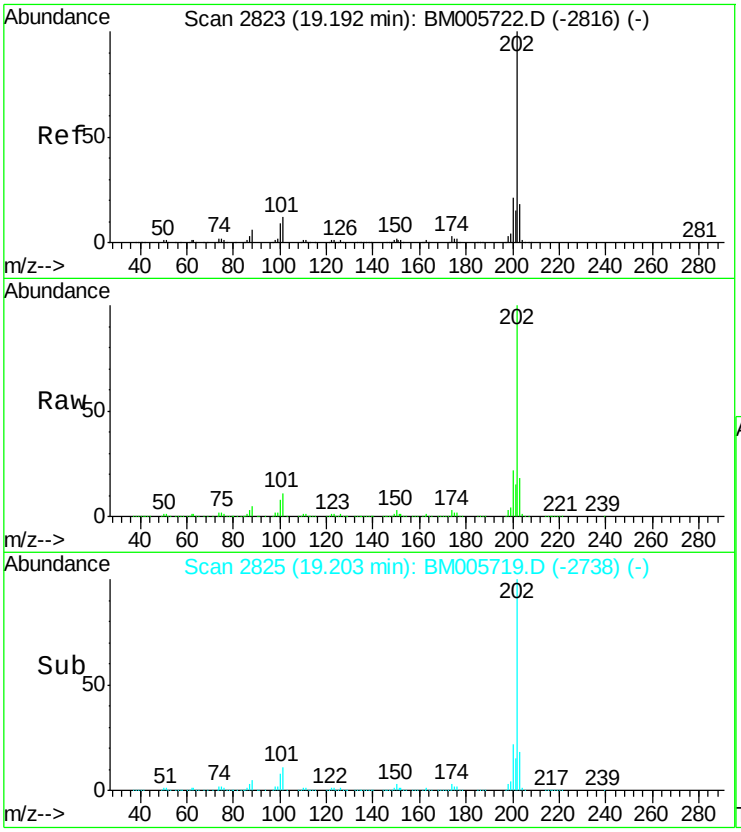


#27
Anthracene
Concen: 112.83 ng/ul
RT: 17.29 min Scan# 2499
Delta R.T. 0.02 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Tgt Ion:178 Resp: 3275324

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	19.5	15.0	22.6



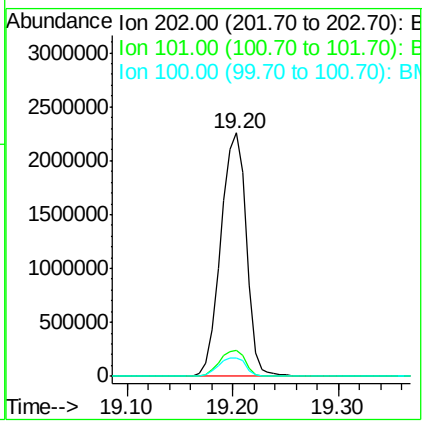


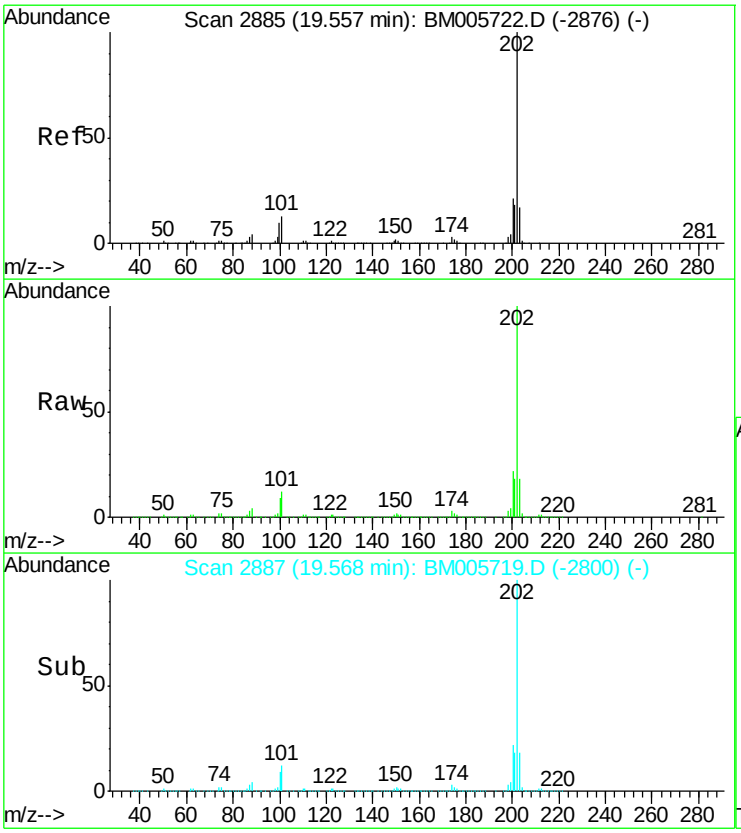
#28
Fluoranthene
Concen: 125.81 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.01 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Instrument :
BNA_M
ClientSampleId :
SSTD16034

Tgt Ion:202 Resp: 3775962

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.4	14.2
100	7.7	6.9	10.3

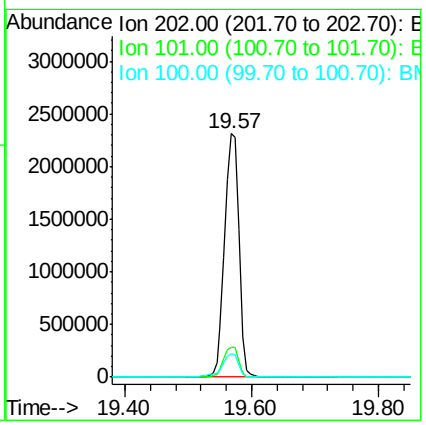


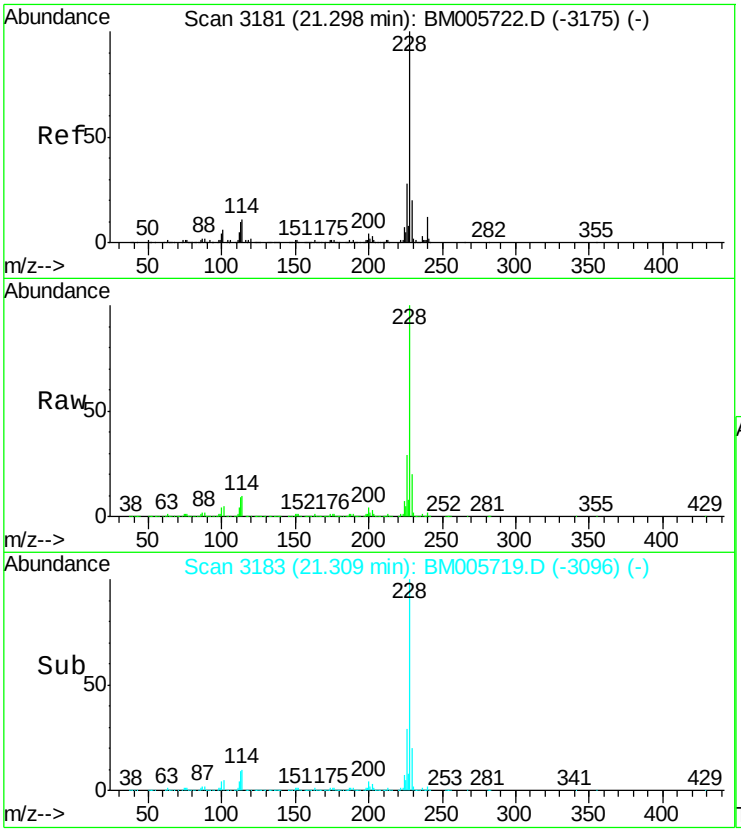


#31
Pyrene
Concen: 131.26 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. 0.01 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Tgt Ion:202 Resp: 3608194

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.6	15.8
100	9.4	8.4	12.6



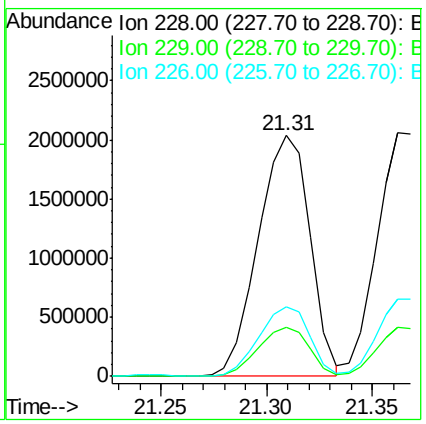


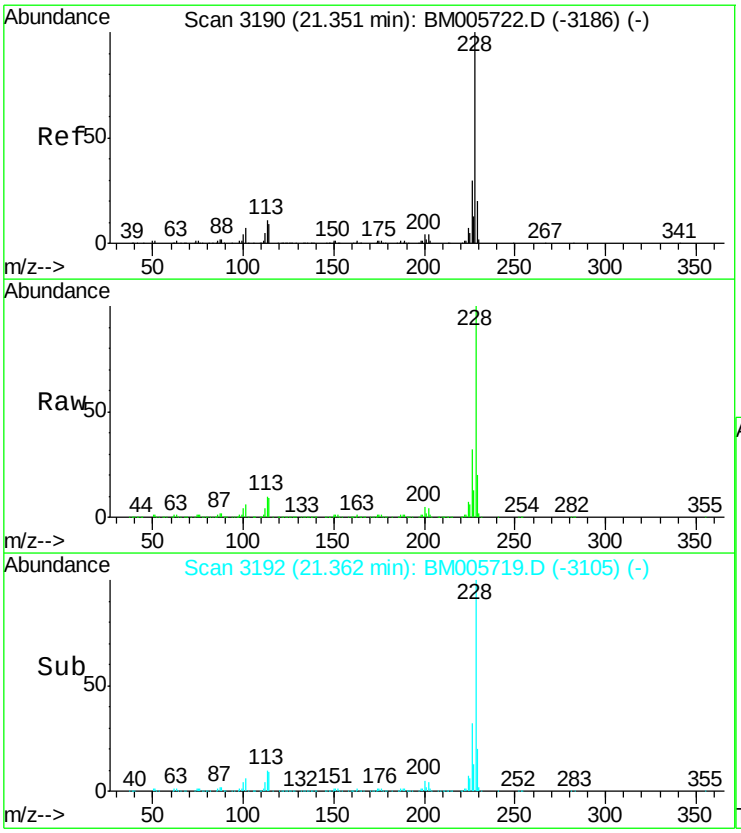
#32
Benzo(a)anthracene
Concen: 135.03 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. 0.01 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Instrument :
BNA_M
ClientSampleId :
SSTD16034

Tgt Ion:228 Resp: 3461968

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.1	24.1
226	28.7	22.1	33.1

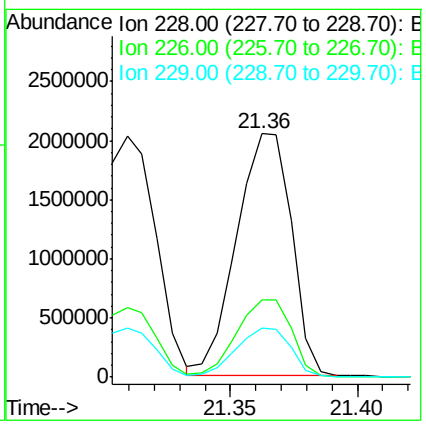


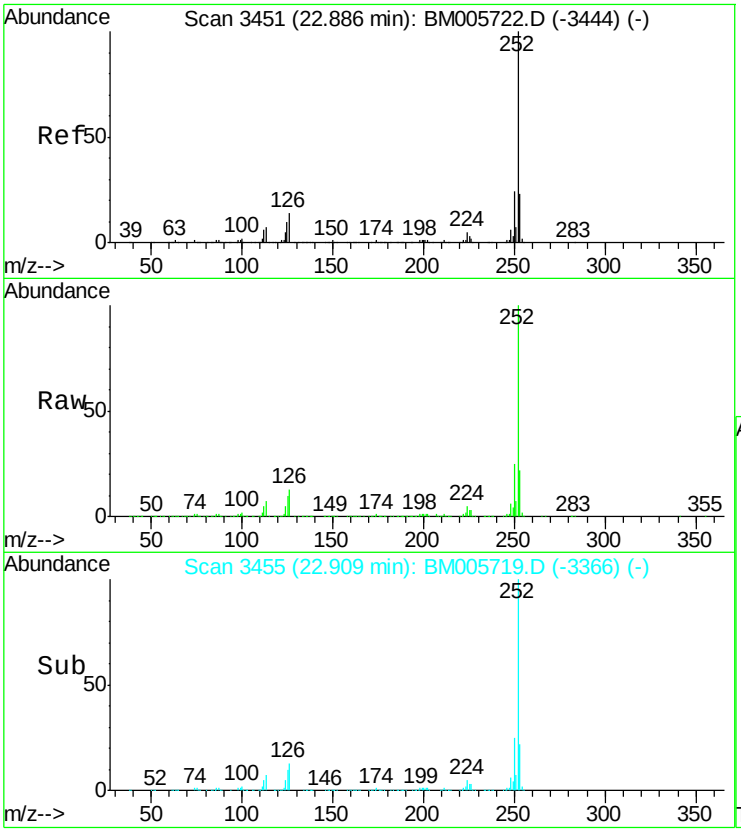


#33
Chrysene
Concen: 125.69 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. 0.01 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Tgt Ion:228 Resp: 3089243

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.2
229	20.1	15.8	23.8



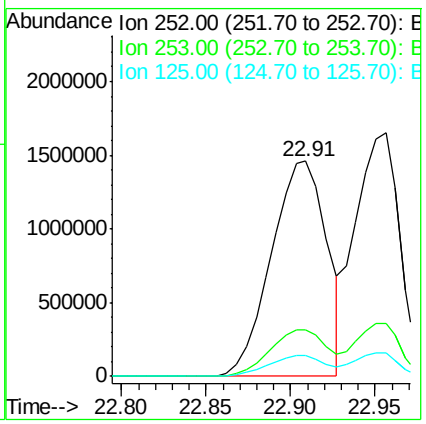


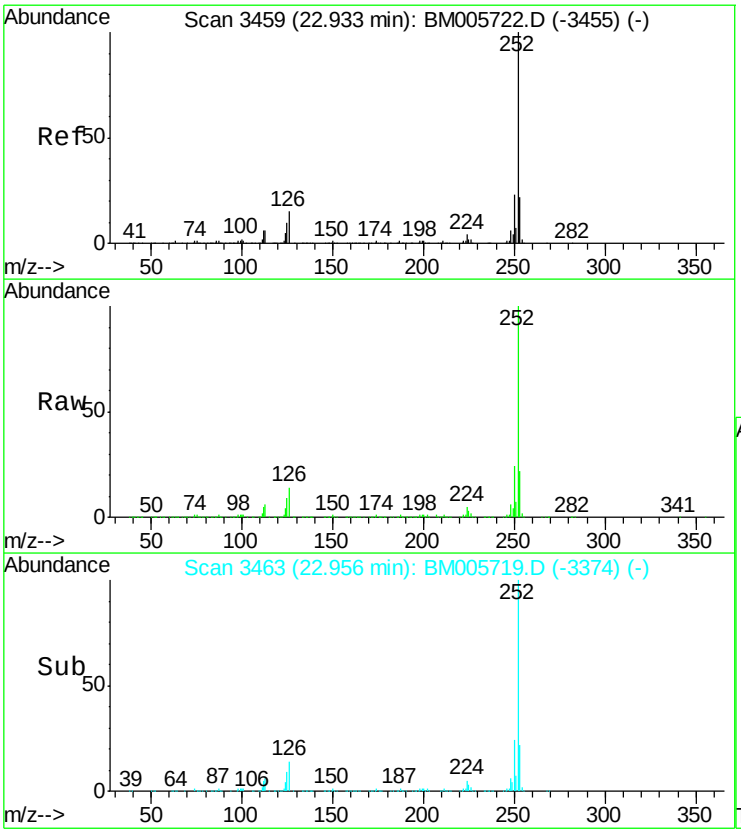
#35
Benzo(b)fluoranthene
Concen: 137.47 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. 0.02 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Instrument :
BNA_M
ClientSampleId :
SSTD16034

Tgt Ion:252 Resp: 3322619

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.7	8.4	12.6

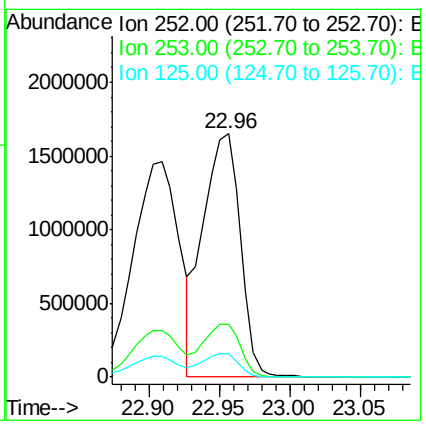


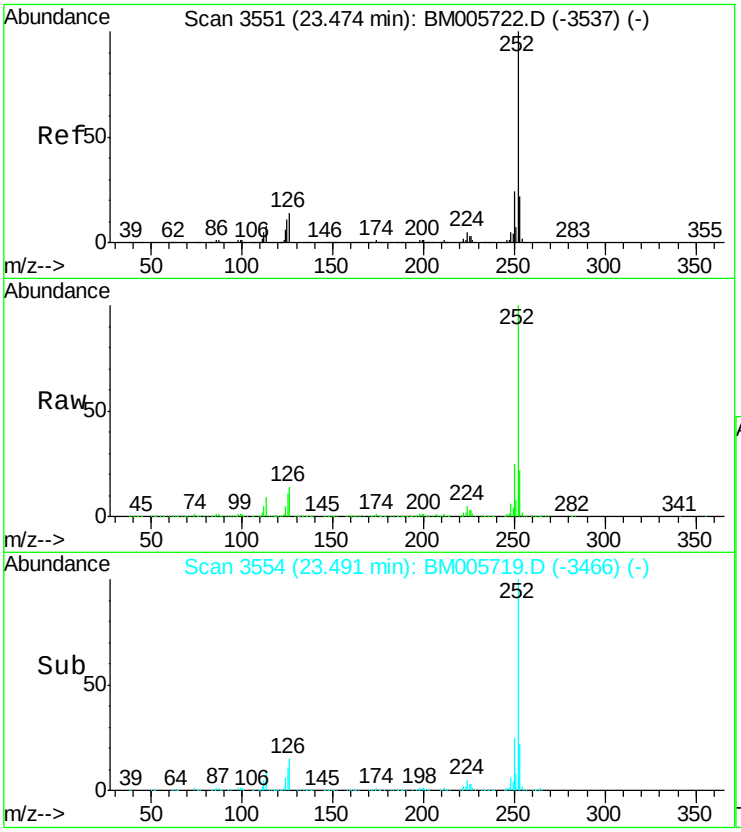


#36
Benzo(k)fluoranthene
Concen: 130.56 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. 0.02 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Tgt Ion:252 Resp: 3012627

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.5	8.2	12.2



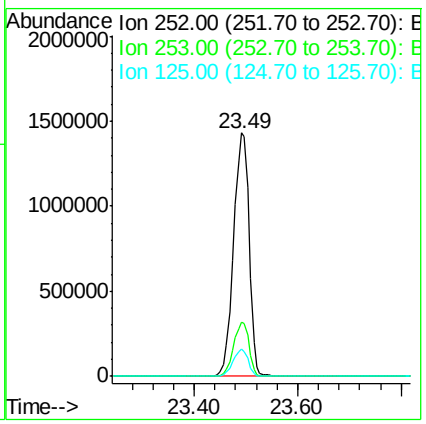


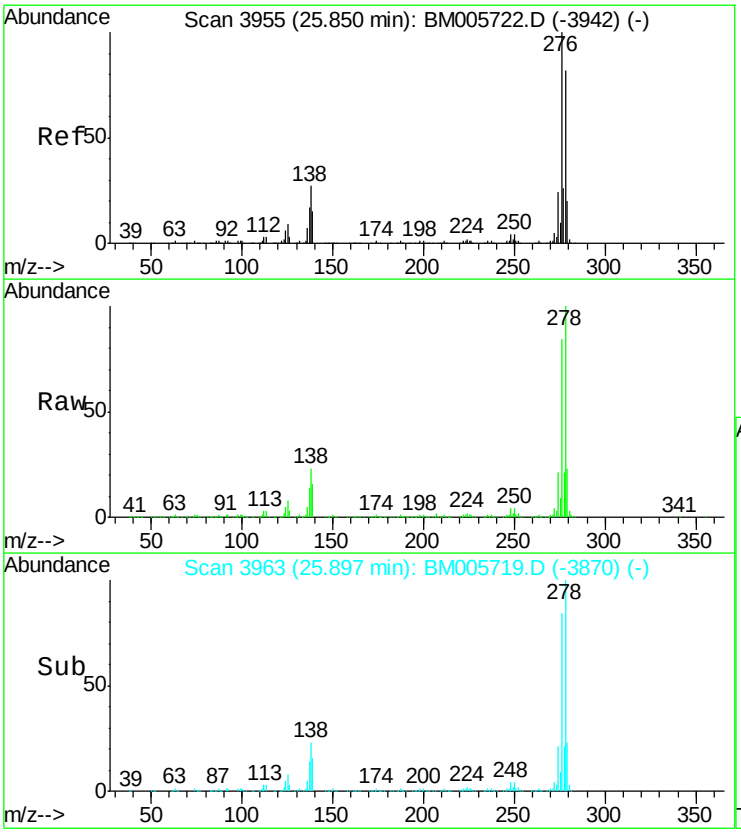
#38
Benzo(a)pyrene
Concen: 129.50 ng/ul
RT: 23.49 min Scan# 3554
Delta R.T. 0.02 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Instrument :
BNA_M
ClientSampleId :
SSTD16034

Tgt Ion:252 Resp: 3003301

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.0	9.1	13.7

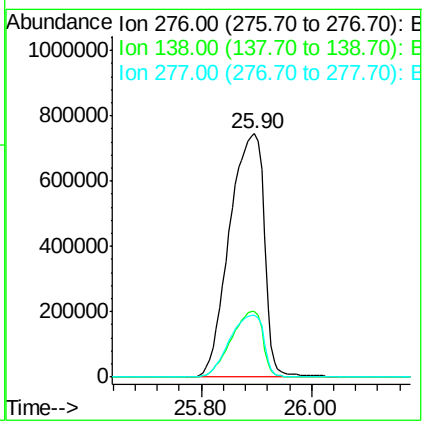


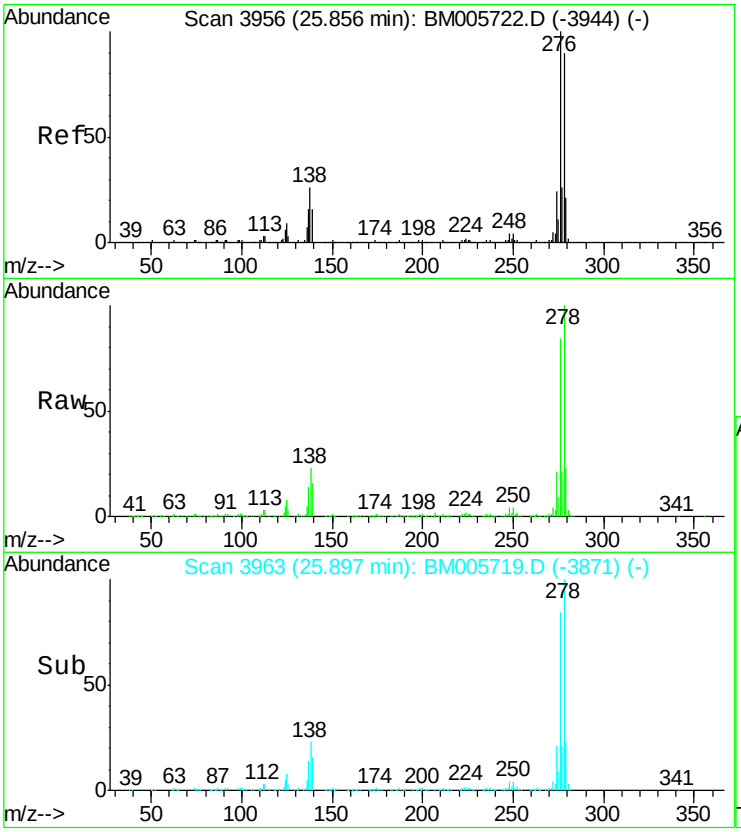


#39
Indeno(1,2,3-cd)pyrene
Concen: 122.75 ng/ul
RT: 25.90 min Scan# 3963
Delta R.T. 0.05 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Tgt Ion:276 Resp: 3253408

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.4	32.2
277	25.5	20.5	30.7



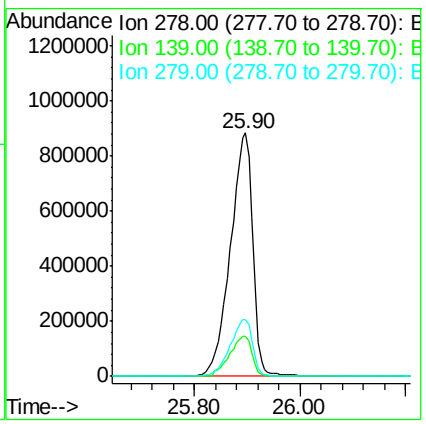


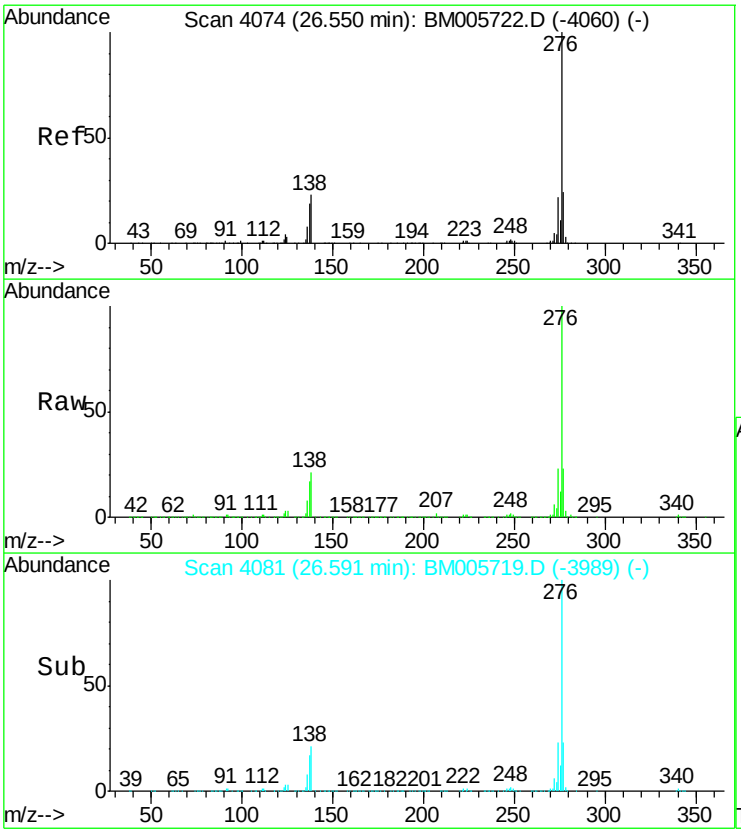
#40
Dibenzo(a,h)anthracene
Concen: 117.53 ng/ul
RT: 25.90 min Scan# 3963
Delta R.T. 0.04 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Instrument :
BNA_M
ClientSampleId :
SSTD16034

Tgt Ion:278 Resp: 2607797

Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.2	21.4
279	23.4	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 131.73 ng/ul
RT: 26.59 min Scan# 4081
Delta R.T. 0.04 min
Lab File: BM005719.D
Acq: 11 Jun 2016 00:40

Tgt Ion:276 Resp: 2925658

Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.2	27.4
277	23.5	19.5	29.3