Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006090.D
Acq On : 28 Jun 2016 03:22
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02041

Quant Time: Jun 28 04:18:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	293003	20.00	ng/ul	0.00
7) Naphthalene-d8	10.45	136	1427050	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.32	164	883090	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.07	188	2110178	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	1881280	20.00	ng/ul	0.00
34) Perylene-d12	23.49	264	1722573	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	45406	6.92	ng/uL	0.00
3) Phenol-d5	6.84	99	562269	18.24	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	325892	19.00	ng/ul	0.00
5) 2-Chlorophenol-d4	7.20	132	421725	19.64	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	462887	17.79	ng/ul	0.00
8) Nitrobenzene-d5	8.82	128	223239	20.55	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	238241	19.71	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.07	165	461905	19.92	ng/ul	0.01
12) 4-Chloroaniline-d4	10.59	131	573368	22.79	ng/ul	0.00
16) Dimethylphthalate-d6	13.73	166	1370969	18.14	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1802338	20.56	ng/ul	0.00
20) 4-Nitrophenol-d4	14.53	143	281351	17.45	ng/ul	0.00
21) Fluorene-d10	15.31	176	1249657	19.36	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.44	200	119348	10.19	ng/ul	0.00
26) Anthracene-d10	17.16	188	1999714	20.63	ng/ul	0.00
30) Pyrene-d10	19.47	212	2206985	26.78	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.34	264	1592840	20.48	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.50	128	1435974	20.14	ng/ul	99
13) 2-Methylnaphthalene	12.12	142	1095455	19.10	ng/ul	99
14) 1-Methylnaphthalene	12.34	142	1043613	19.00	ng/ul	99
18) Acenaphthylene	14.03	152	1887952	20.42	ng/ul	99
19) Acenaphthene	14.38	153	1190244	20.27	ng/ul	99
22) Fluorene	15.37	166	1327455	18.77	ng/ul	98
25) Phenanthrene	17.11	178	2324353	20.48	ng/ul	99
27) Anthracene	17.20	178	2391172	20.40	ng/ul	100
28) Fluoranthene	19.13	202	2807438	19.31	ng/ul	99
31) Pyrene	19.50	202	2822301	26.21	ng/ul	95
32) Benzo(a)anthracene	21.24	228	2294801	20.53	ng/ul	99
33) Chrysene	21.30	228	2136823	20.93	ng/ul	99
35) Benzo(b)fluoranthene	22.82	252	2171560	21.70	ng/ul	98
36) Benzo(k)fluoranthene	22.86	252	1930563	20.74	ng/ul	98
38) Benzo(a)pyrene	23.39	252	1953586	20.36	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.72	276	2197126	19.21	ng/ul	94
40) Dibenzo(a,h)anthracene	25.73	278	1822618	19.16	ng/ul	97
41) Benzo(g,h,i)perylene	26.40	276	1910298	19.31	ng/ul	97

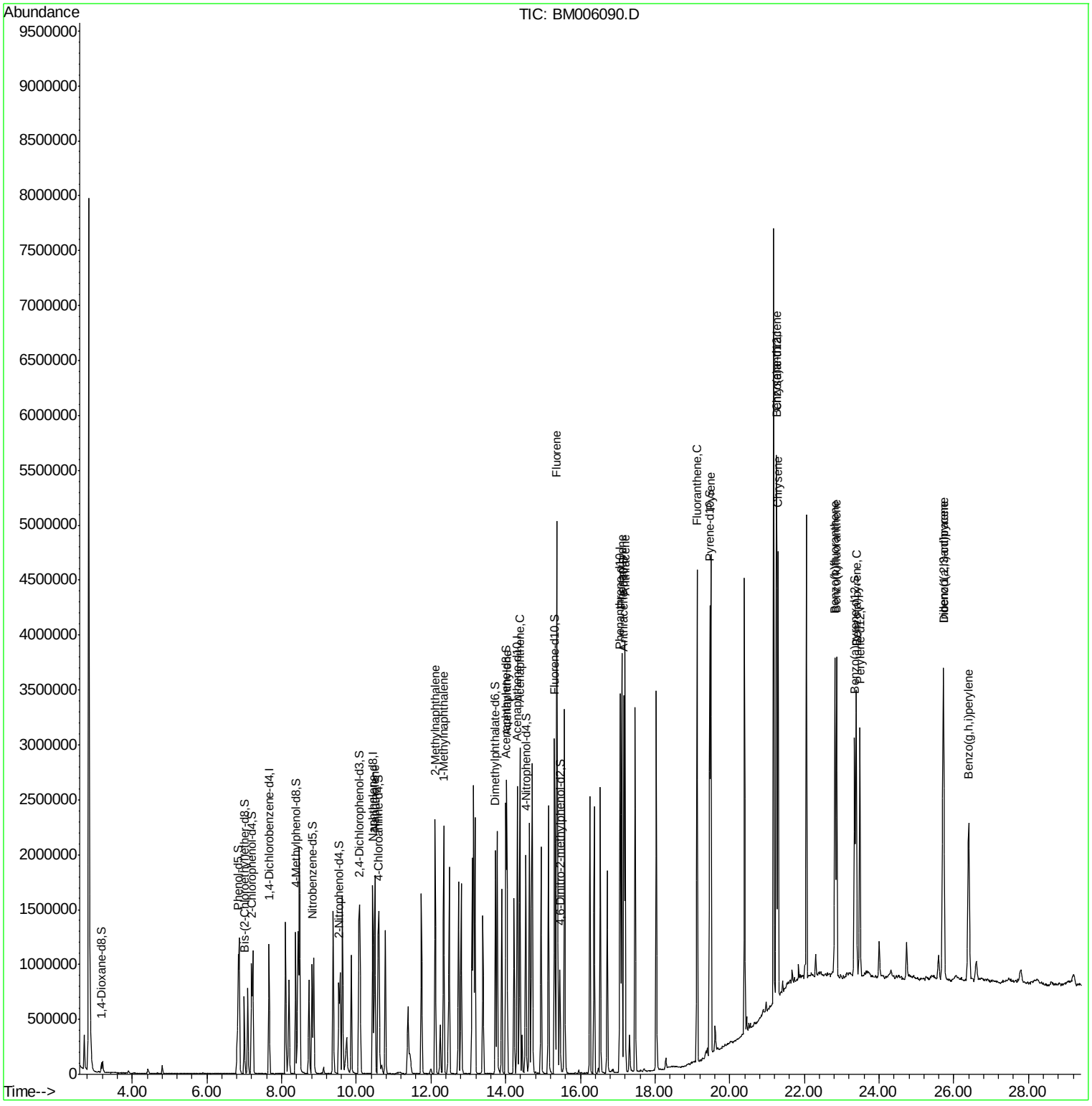
(#) = qualifier out of range (m) = manual integration (+) = signals summed

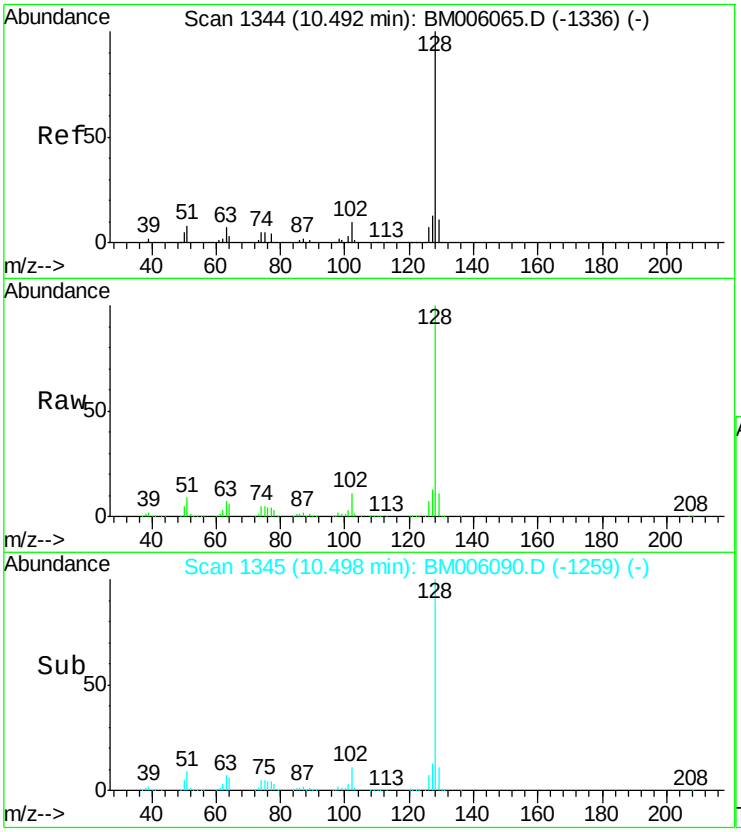
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006090.D
Acq On : 28 Jun 2016 03:22
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02041

Quant Time: Jun 28 04:18:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration



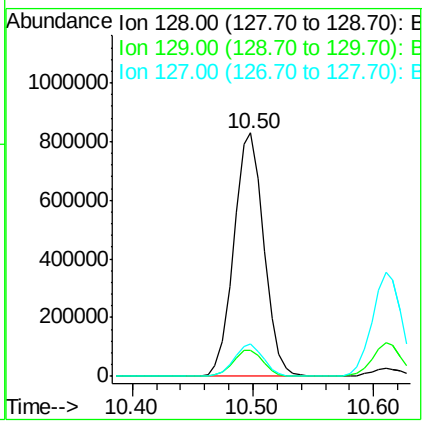


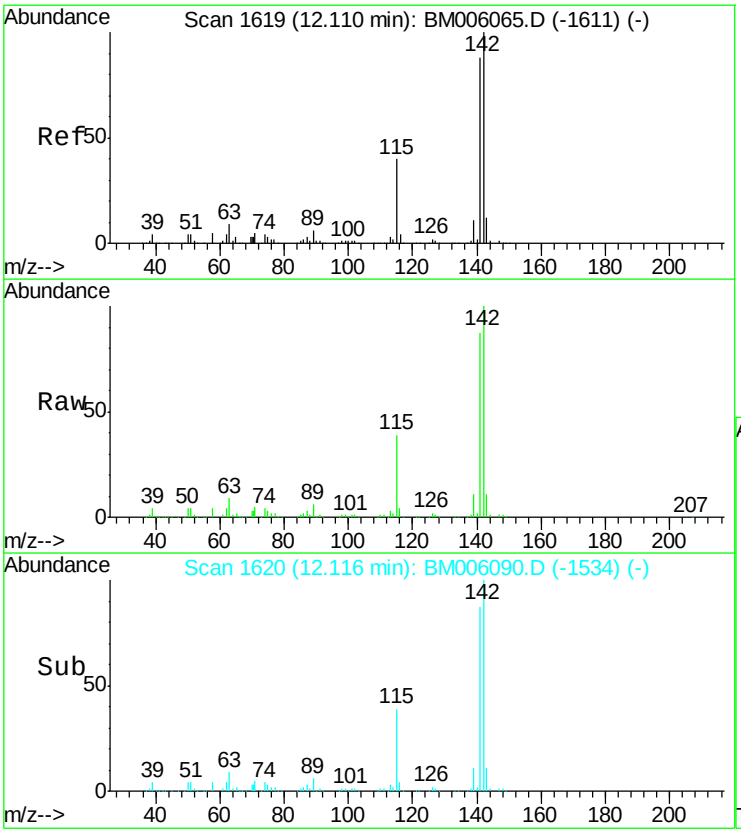
#11
Naphthalene
Concen: 20.14 ng/ul
RT: 10.50 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:128 Resp: 1435974

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.3	10.5	15.7

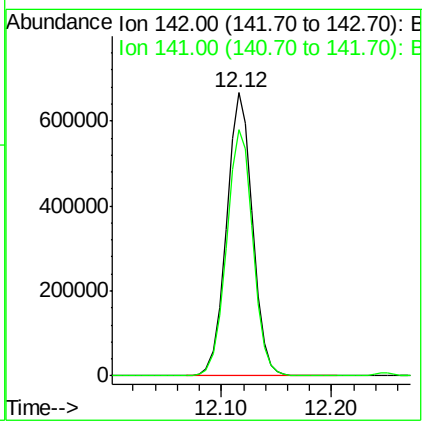


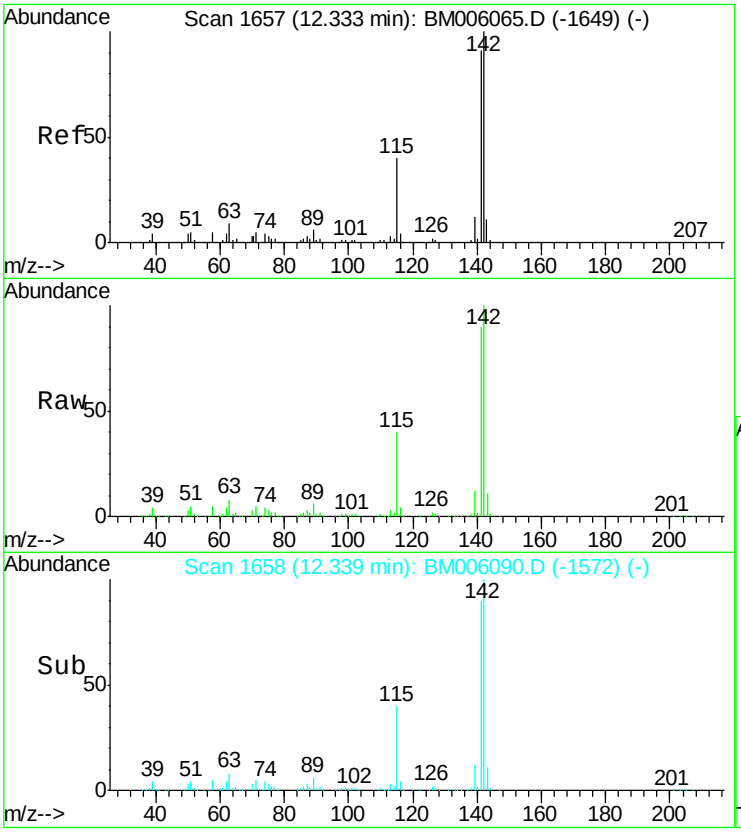


#13
2-Methylnaphthalene
Concen: 19.10 ng/ul
RT: 12.12 min Scan# 1620
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Tgt Ion:142 Resp: 1095455

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.0	103.6



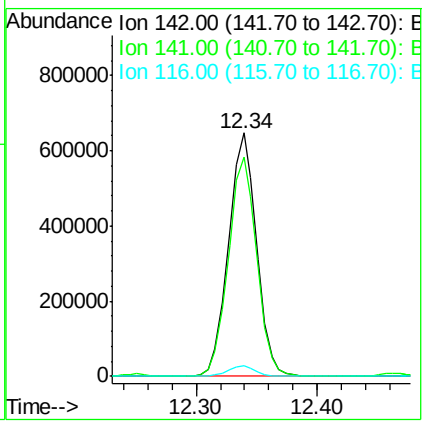


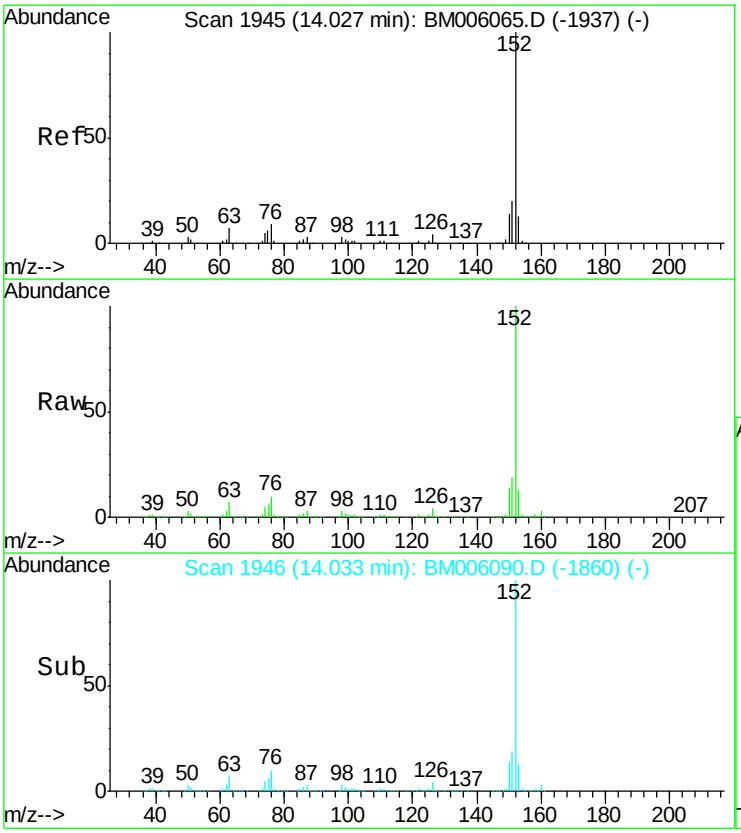
#14
1-Methylnaphthalene
Concen: 19.00 ng/ul
RT: 12.34 min Scan# 1658
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:142 Resp: 1043613

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.0	109.4
116	4.3	3.0	4.6

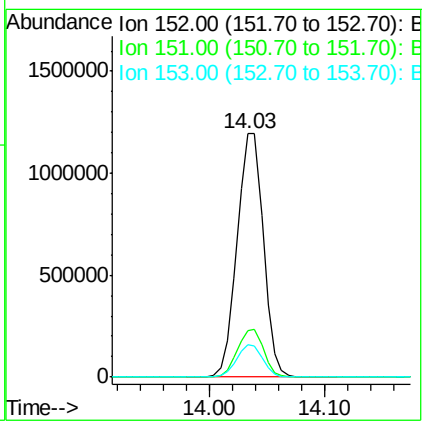


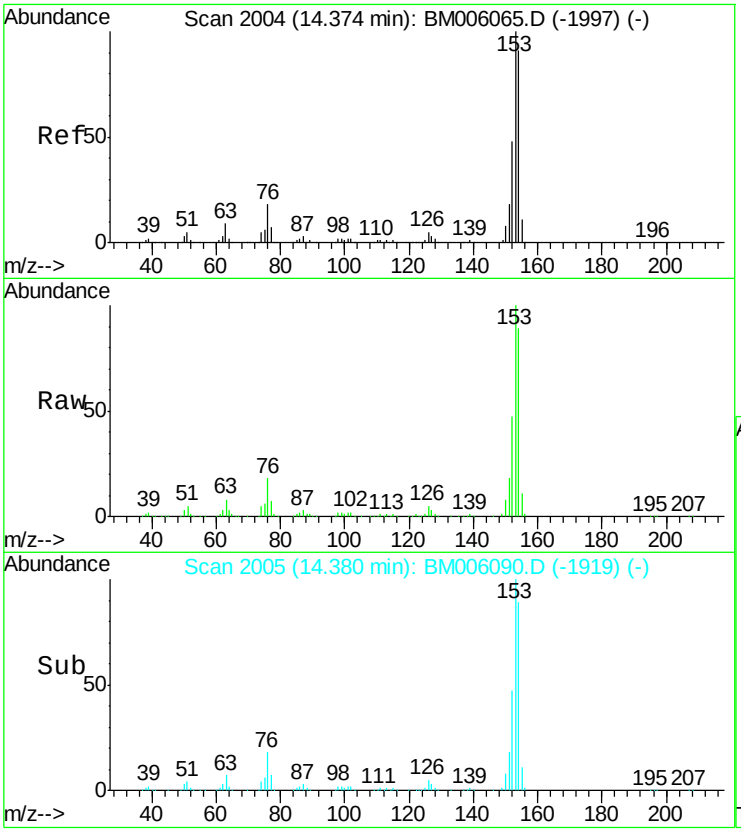


#18
Acenaphthylene
Concen: 20.42 ng/ul
RT: 14.03 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Tgt Ion:152 Resp: 1887952

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	13.1	10.3	15.5



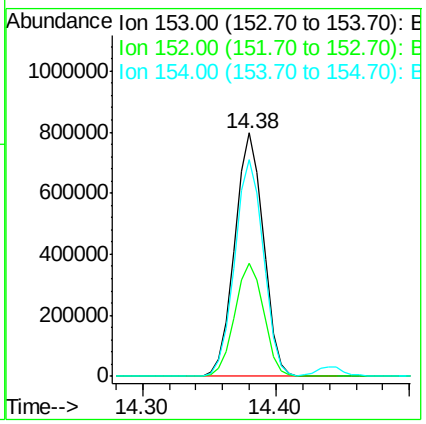


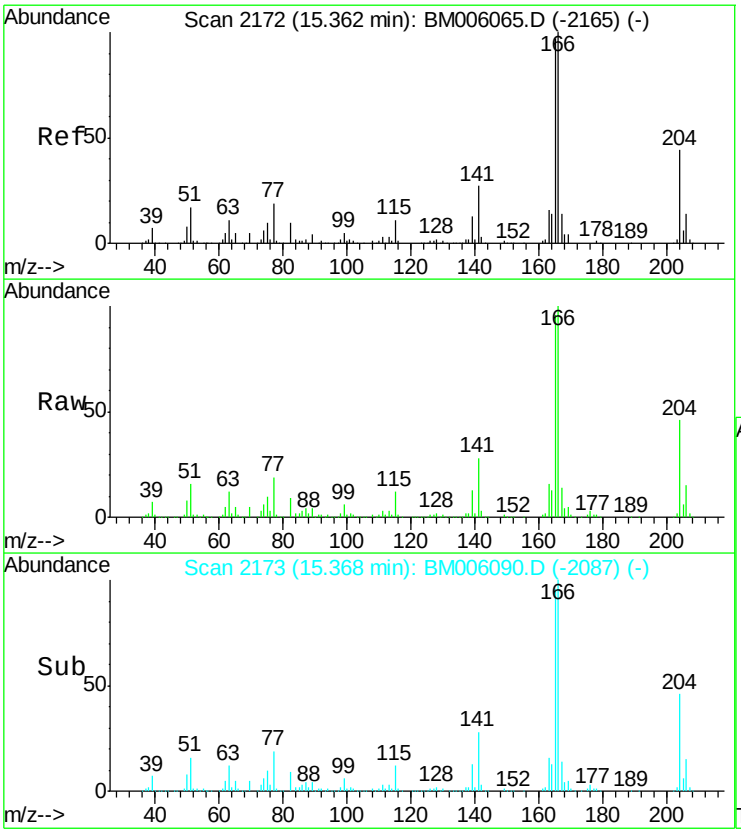
#19
Acenaphthene
Concen: 20.27 ng/ul
RT: 14.38 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:153 Resp: 1190244

Ion	Ratio	Lower	Upper
153	100		
152	46.7	38.1	57.1
154	89.1	71.6	107.4

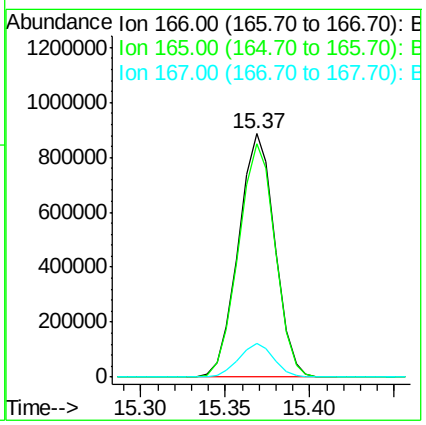


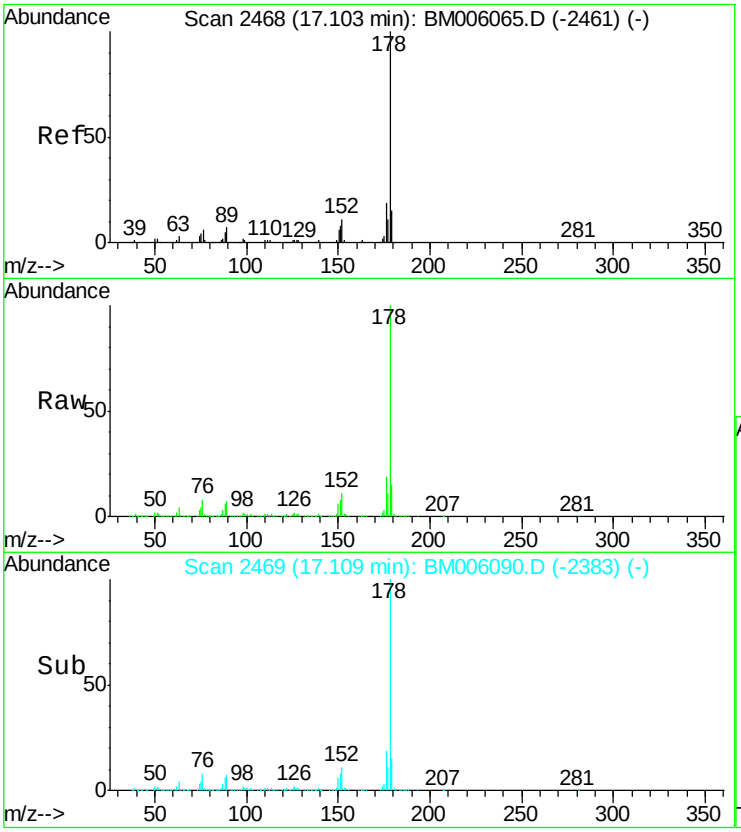


#22
Fluorene
Concen: 18.77 ng/ul
RT: 15.37 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Tgt Ion:166 Resp: 1327455

Ion	Ratio	Lower	Upper
166	100		
165	95.9	78.4	117.6
167	13.7	10.6	16.0



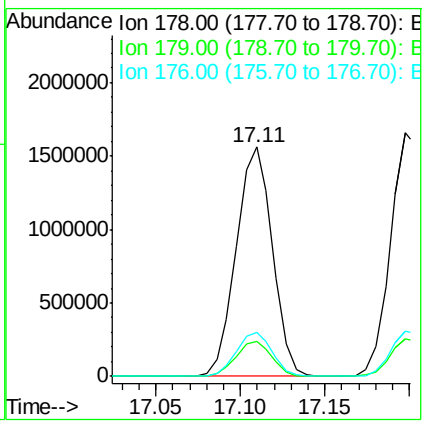


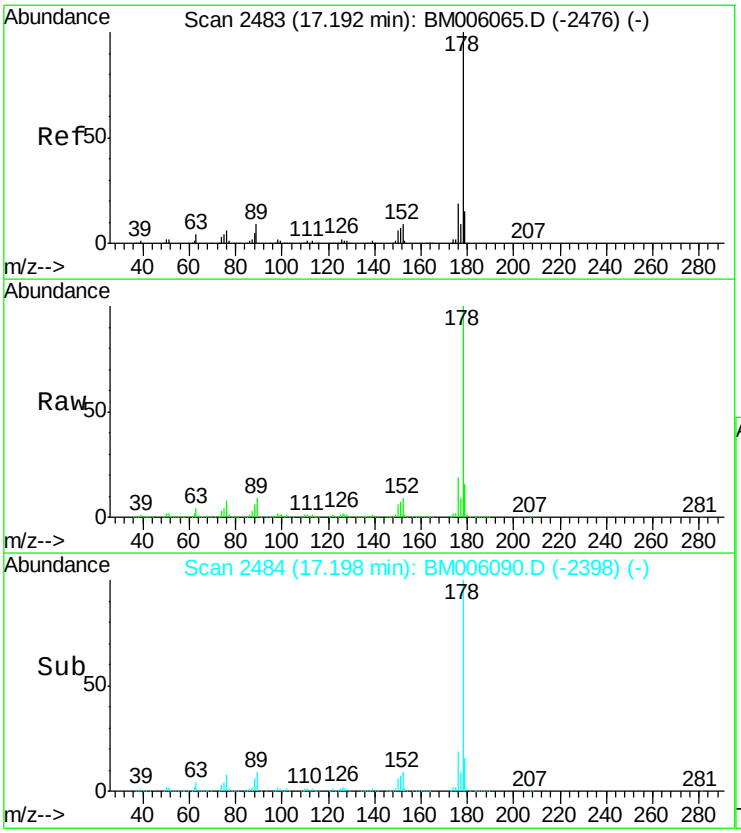
#25
Phenanthrene
Concen: 20.48 ng/ul
RT: 17.11 min Scan# 2469
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:178 Resp: 2324353

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.4	15.3	22.9

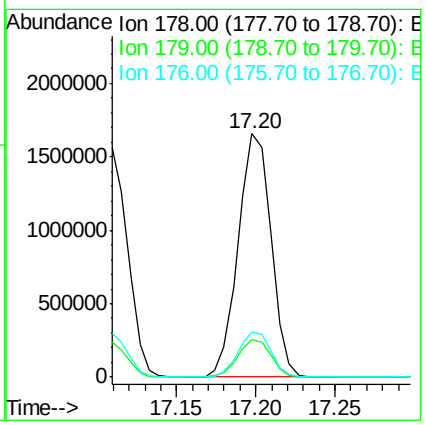


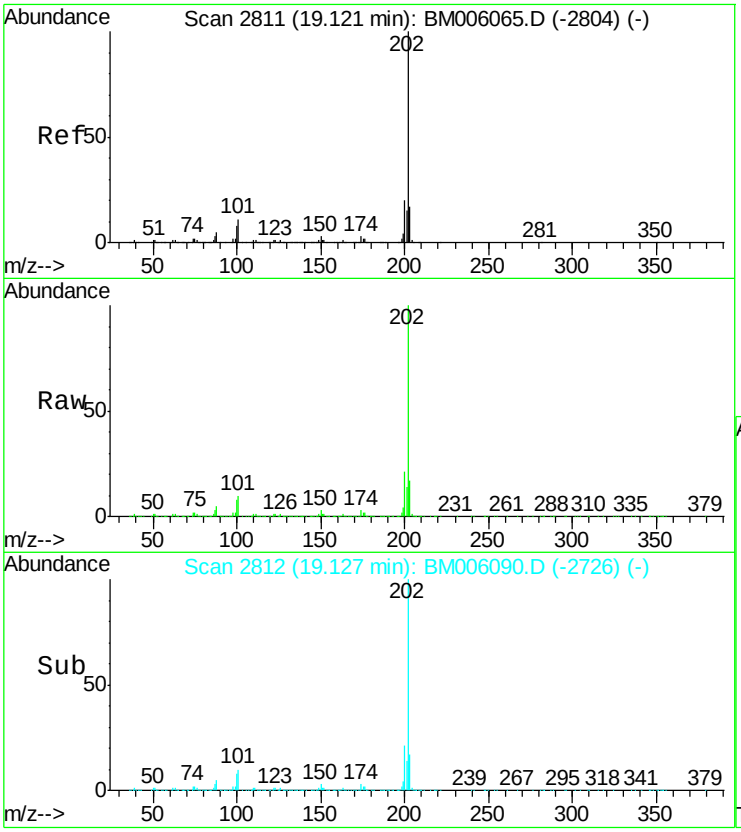


#27
Anthracene
Concen: 20.40 ng/ul
RT: 17.20 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Tgt Ion:178 Resp: 2391172

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.5	14.6	22.0



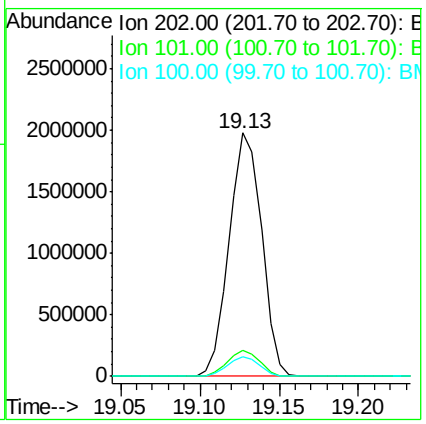


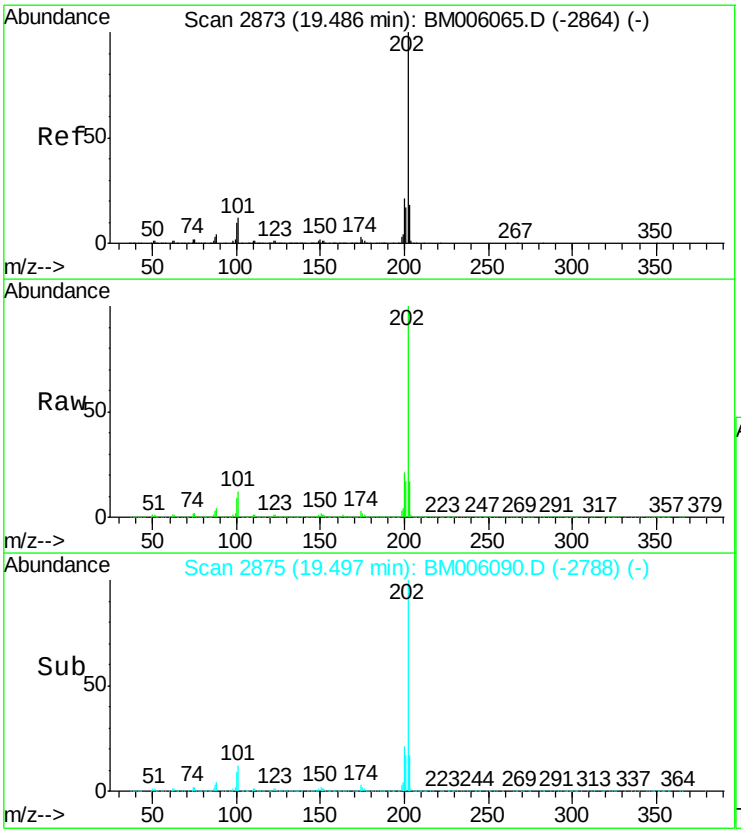
#28
Fluoranthene
Concen: 19.31 ng/ul
RT: 19.13 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:202 Resp: 2807438

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.5	12.7
100	7.8	6.5	9.7

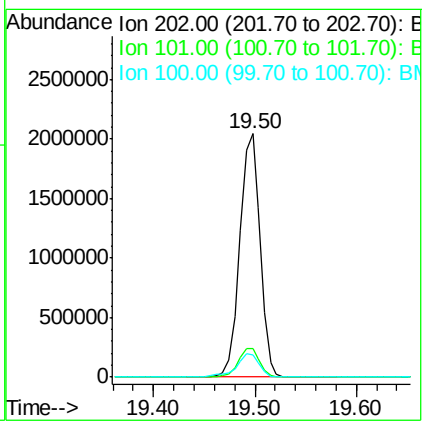


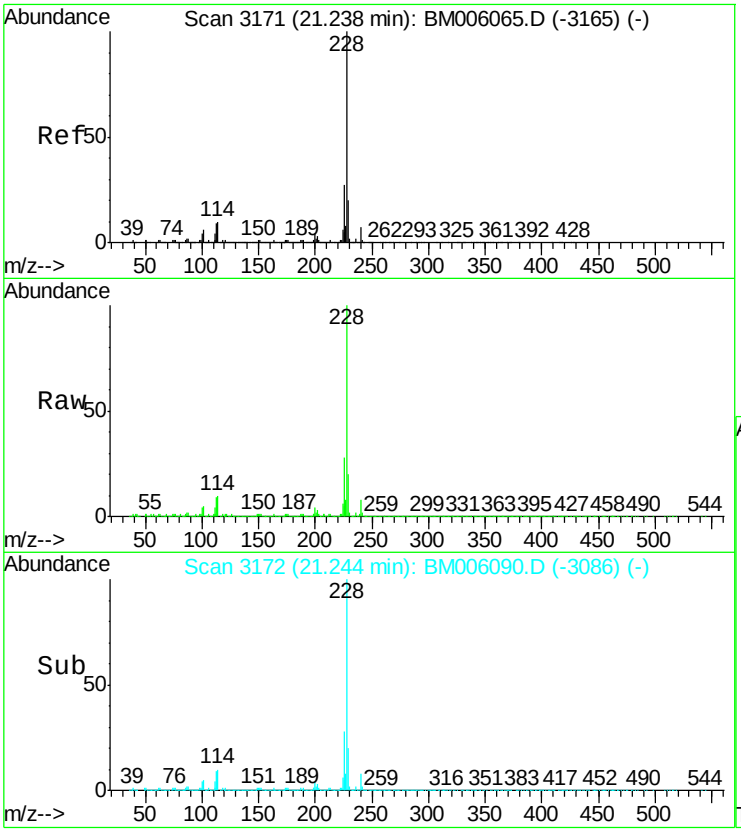


#31
Pyrene
Concen: 26.21 ng/ul
RT: 19.50 min Scan# 2875
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Tgt Ion:202 Resp: 2822301

Ion	Ratio	Lower	Upper
202	100		
101	11.5	11.0	16.4
100	9.3	8.9	13.3



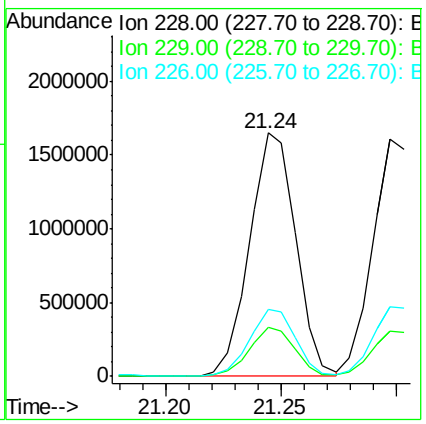


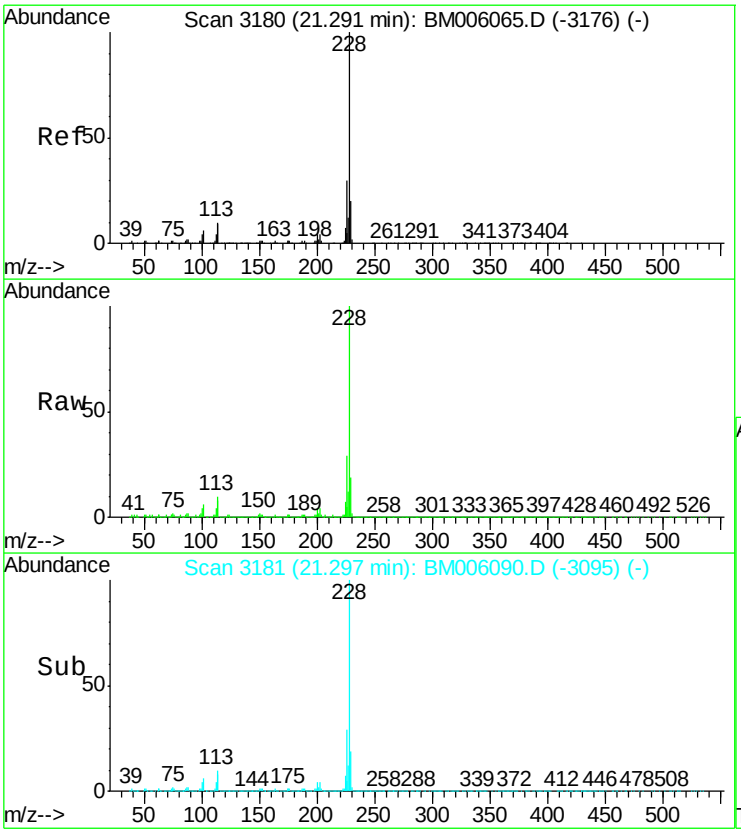
#32
Benzo(a)anthracene
Concen: 20.53 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:228 Resp: 2294801

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	27.7	21.6	32.4

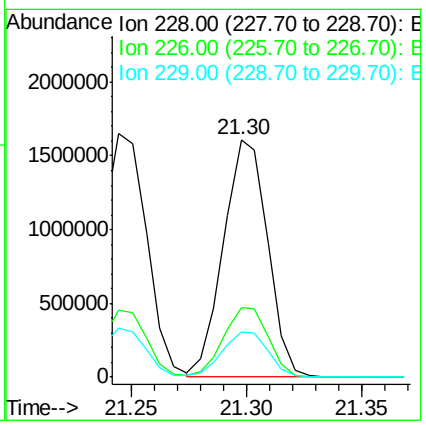


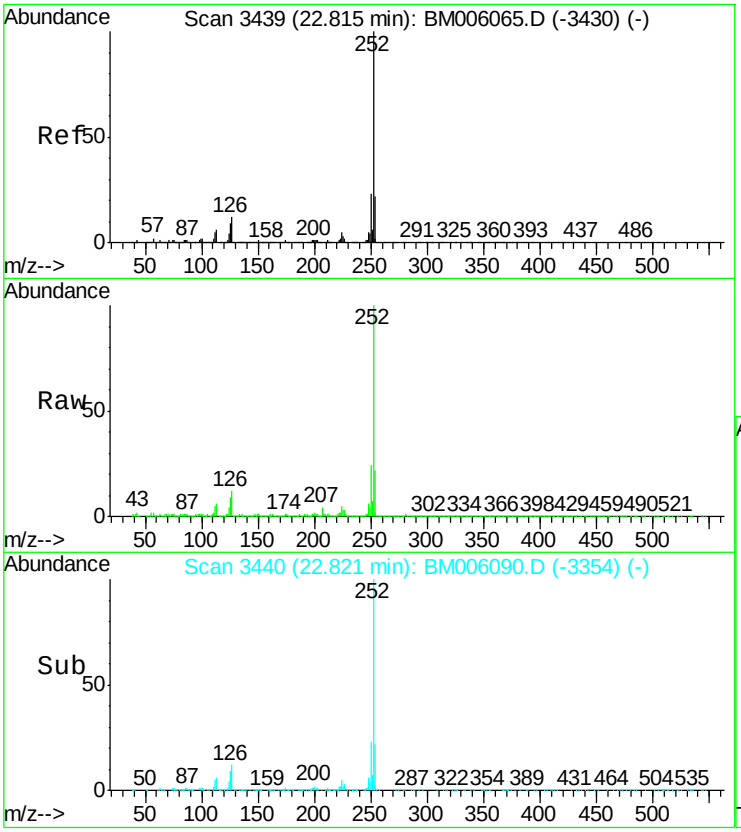


#33
Chrysene
Concen: 20.93 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Tgt Ion:228 Resp: 2136823

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	19.2	15.8	23.6



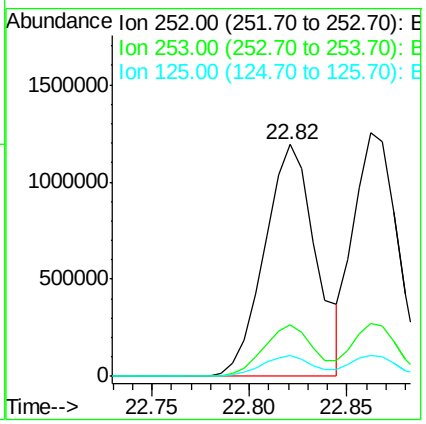


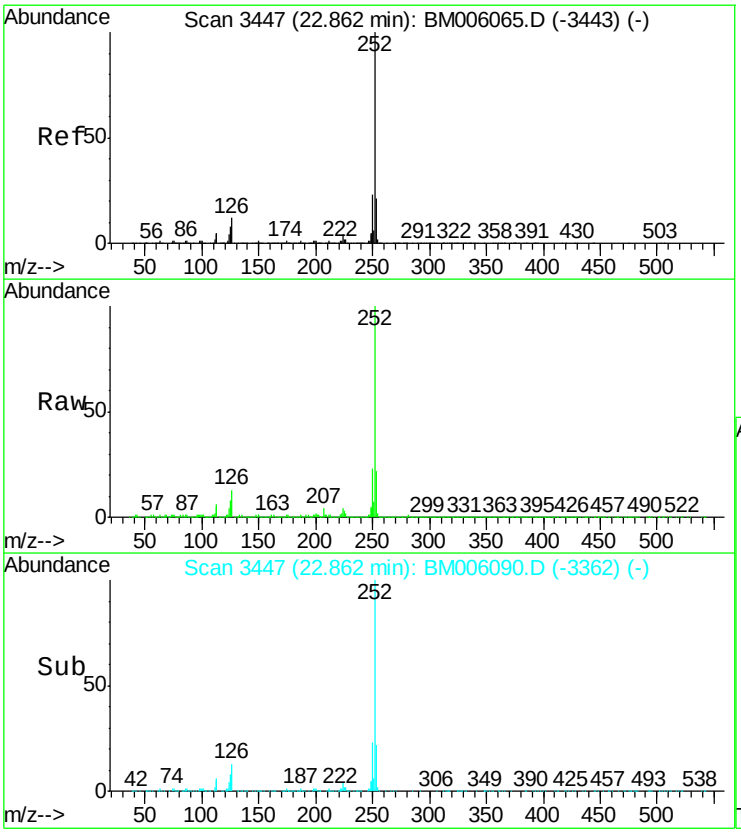
#35
Benzo(b)fluoranthene
Concen: 21.70 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:252 Resp: 2171560

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	8.8	7.8	11.6

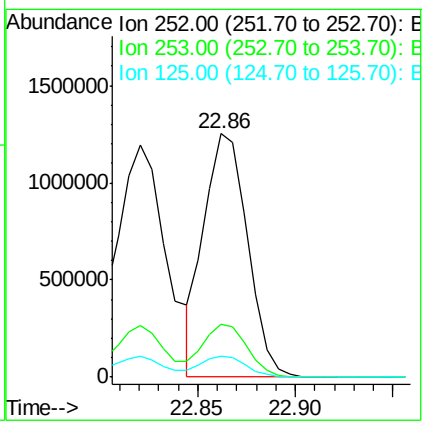


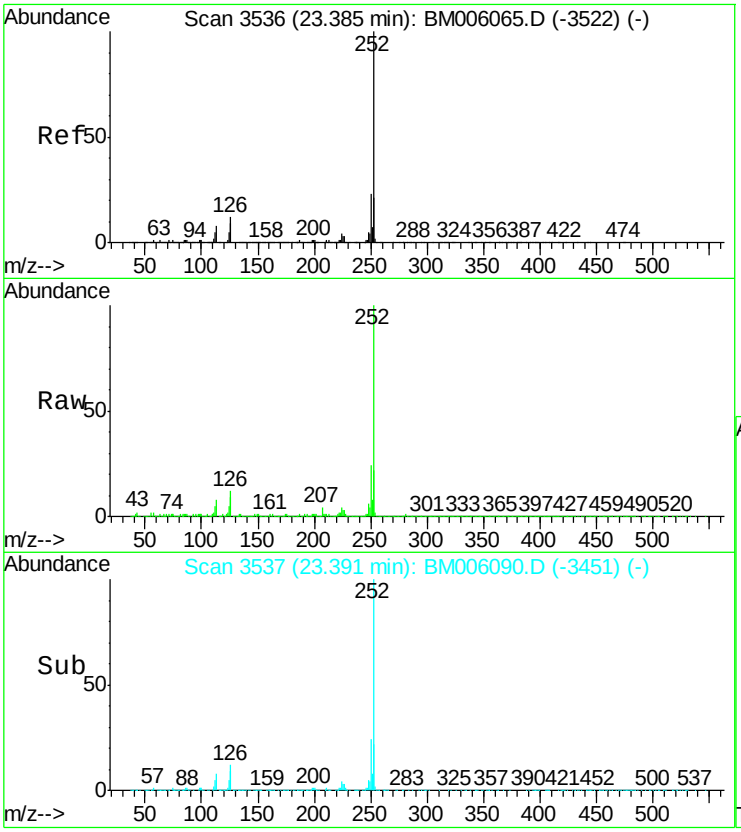


#36
Benzo(k)fluoranthene
Concen: 20.74 ng/ul
RT: 22.86 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Tgt Ion:252 Resp: 1930563

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.4	8.1	12.1



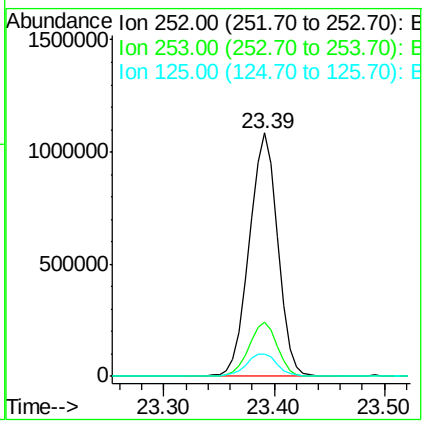


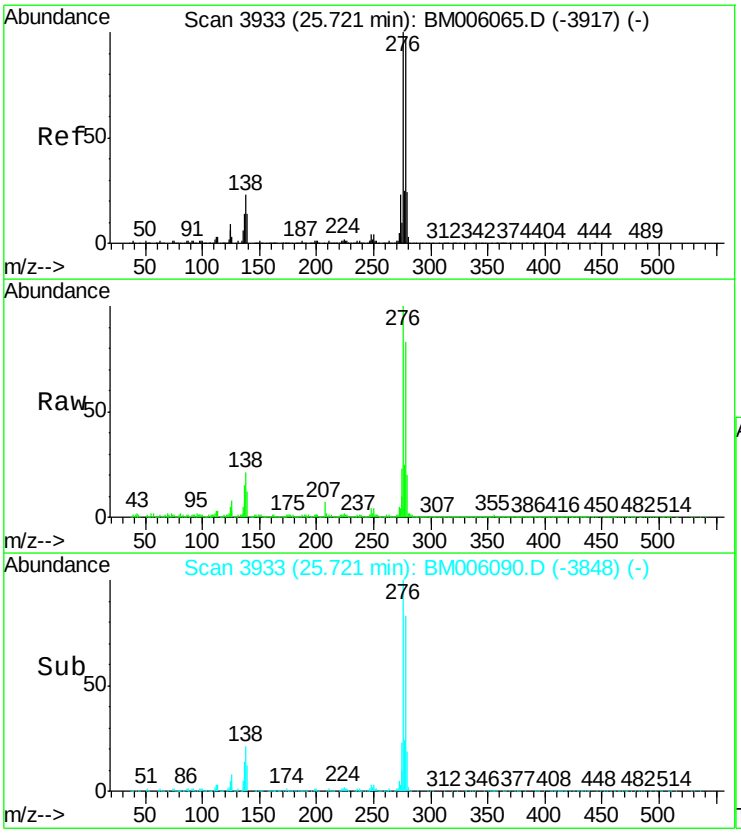
#38
Benzo(a)pyrene
Concen: 20.36 ng/ul
RT: 23.39 min Scan# 3537
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:252 Resp: 1953586

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.3	8.7	13.1

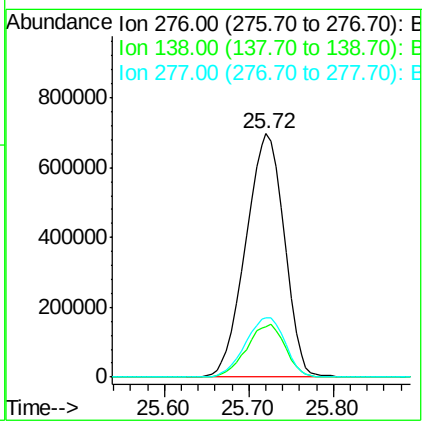


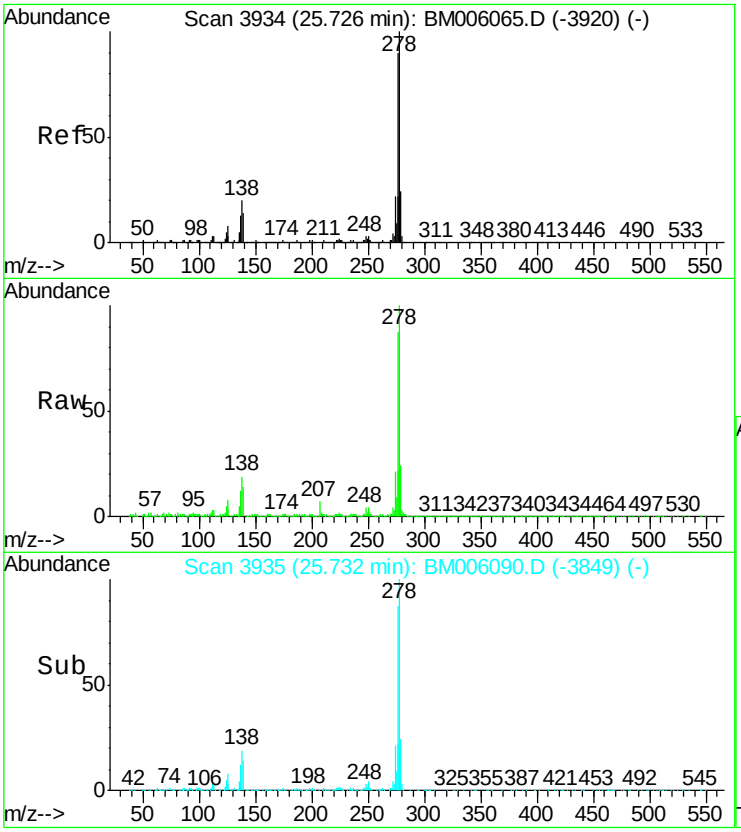


#39
Indeno(1,2,3-cd)pyrene
Concen: 19.21 ng/ul
RT: 25.72 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Tgt Ion:276 Resp: 2197126

Ion	Ratio	Lower	Upper
276	100		
138	20.7	20.4	30.6
277	24.6	20.6	30.8



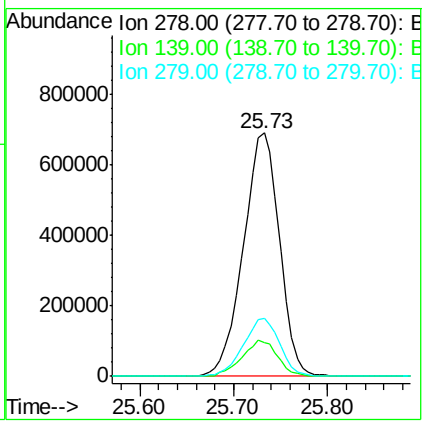


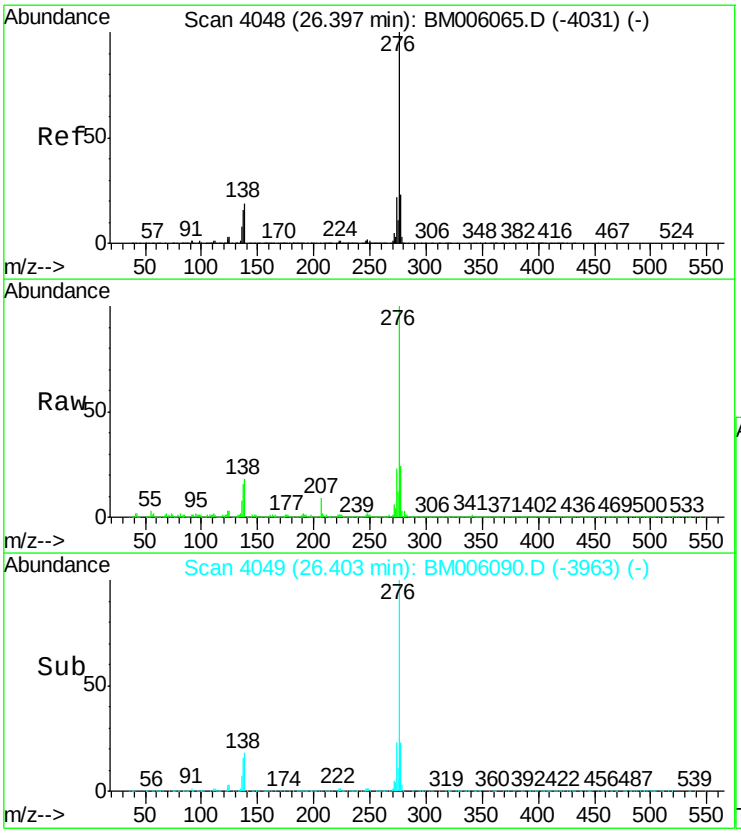
#40
Dibenzo(a,h)anthracene
Concen: 19.16 ng/ul
RT: 25.73 min Scan# 3935
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:278 Resp: 1822618

Ion	Ratio	Lower	Upper
278	100		
139	13.8	13.0	19.4
279	23.7	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 19.31 ng/ul
RT: 26.40 min Scan# 4049
Delta R.T. 0.01 min
Lab File: BM006090.D
Acq: 28 Jun 2016 03:22

Tgt Ion:276 Resp: 1910298

Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.6	25.0
277	23.6	18.9	28.3