Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005854.D
Acq On : 17 Jun 2016 07:02
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02052

Quant Time: Jun 17 07:34:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:56:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	25470	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	112995	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	68737	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	154711	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	160575	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	134878	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	3531	17.96	ng/uL	0.00
3) Phenol-d5	6.92	99	39307	18.43	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	20353	18.41	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	35721	19.68	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	35571	18.66	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	17251	21.63	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	21060	21.61	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	40102	20.83	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	34690	26.63	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	120112	18.47	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	148340	19.80	ng/ul	0.00
20) 4-Nitrophenol-d4	14.62	143	13658	17.43	ng/ul	0.00
21) Fluorene-d10	15.37	176	104492	18.86	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	16044	15.37	ng/ul	0.00
26) Anthracene-d10	17.22	188	158390	19.61	ng/ul	0.00
30) Pyrene-d10	19.52	212	171956	22.59	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	131974	19.57	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.57	128	118391	19.55	ng/ul	99
13) 2-Methylnaphthalene	12.19	142	89538	19.40	ng/ul	100
14) 1-Methylnaphthalene	12.41	142	89248	18.57	ng/ul	98
18) Acenaphthylene	14.10	152	147889	19.50	ng/ul	99
19) Acenaphthene	14.44	153	98376	19.43	ng/ul	98
22) Fluorene	15.43	166	114620	18.68	ng/ul	99
25) Phenanthrene	17.16	178	179972	19.54	ng/ul	98
27) Anthracene	17.26	178	185754	19.73	ng/ul	99
28) Fluoranthene	19.19	202	213451	18.44	ng/ul	98
31) Pyrene	19.55	202	218846	23.06	ng/ul	98
32) Benzo(a)anthracene	21.29	228	199581	19.90	ng/ul	100
33) Chrysene	21.34	228	189929	19.66	ng/ul	99
35) Benzo(b)fluoranthene	22.89	252	168709	20.09	ng/ul	99
36) Benzo(k)fluoranthene	22.93	252	169540	20.91	ng/ul	99
38) Benzo(a)pyrene	23.47	252	160515	19.47	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.84	276	180252	17.89	ng/ul	98
40) Dibenzo(a,h)anthracene	25.84	278	148145	17.88	ng/ul	99
41) Benzo(g,h,i)perylene	26.54	276	151429	17.66	ng/ul	99

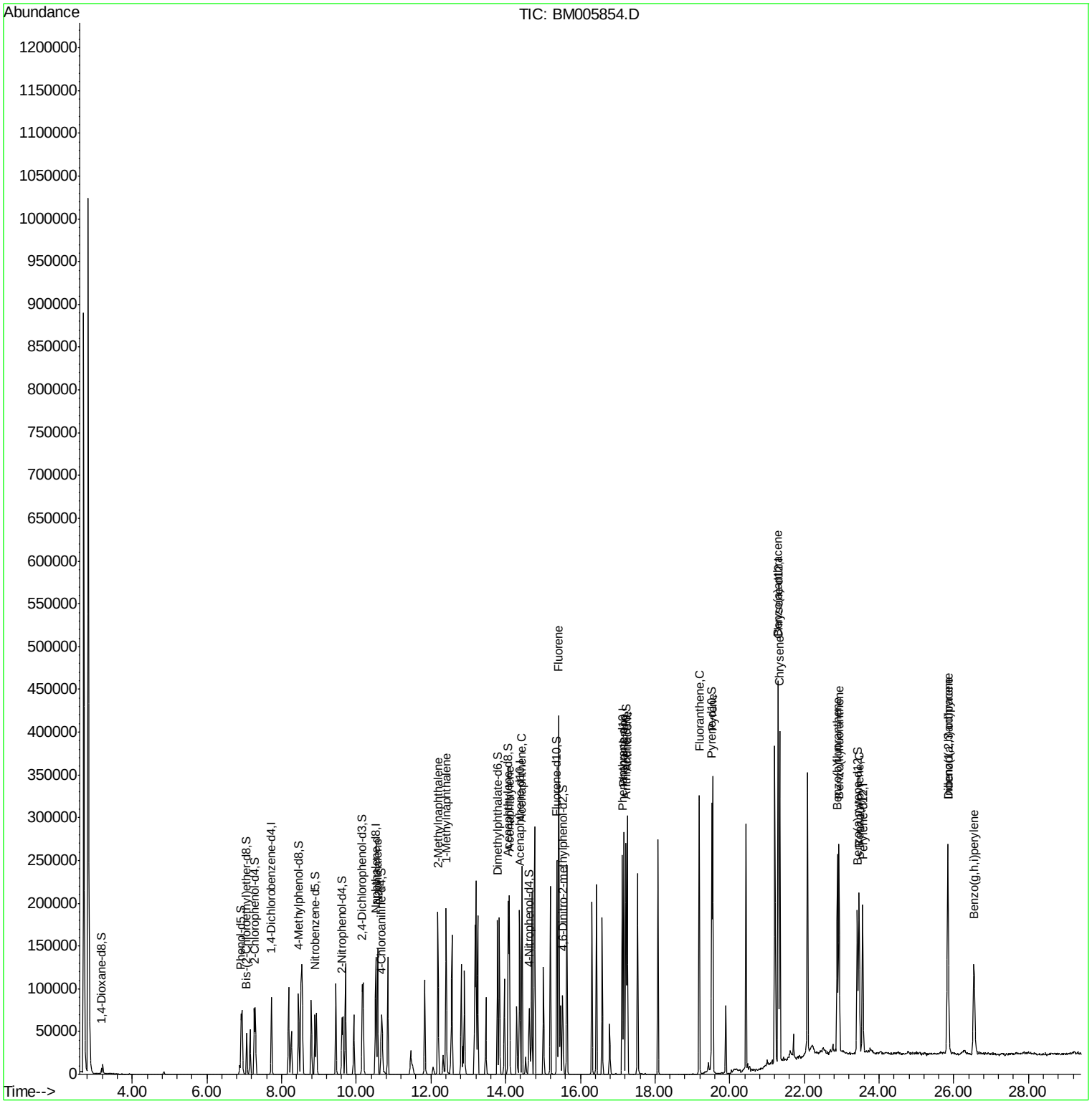
(#) = qualifier out of range (m) = manual integration (+) = signals summed

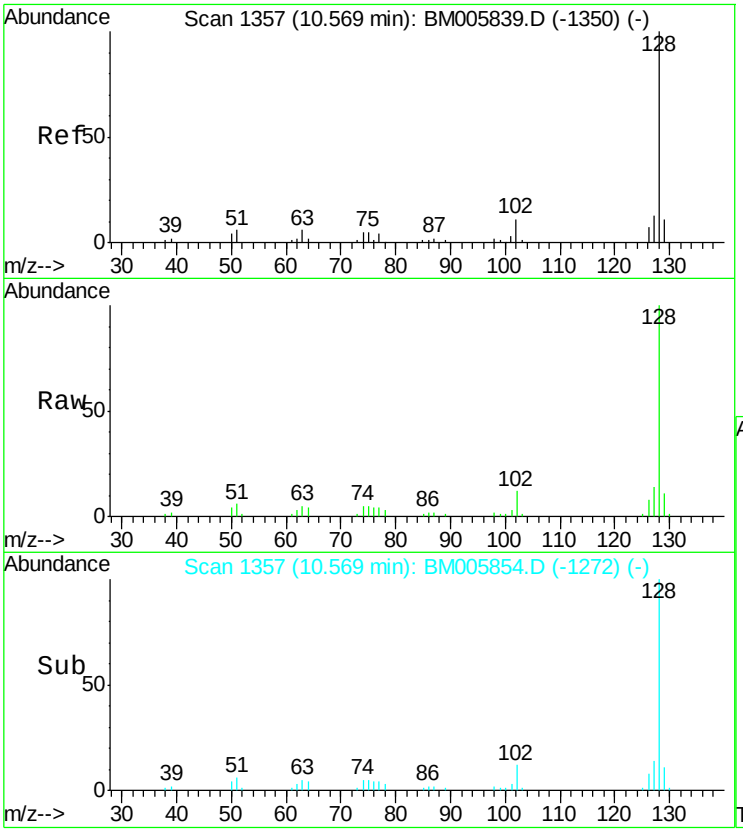
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005854.D
Acq On : 17 Jun 2016 07:02
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Quant Time: Jun 17 07:34:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:56:56 2016
Response via : Initial Calibration



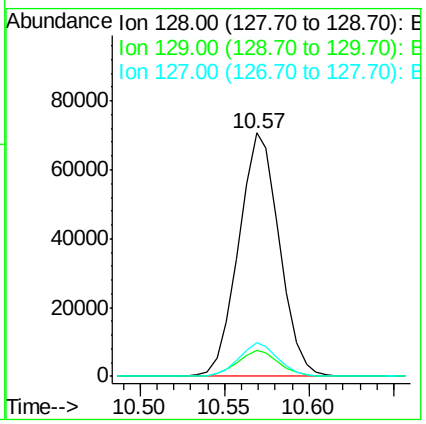


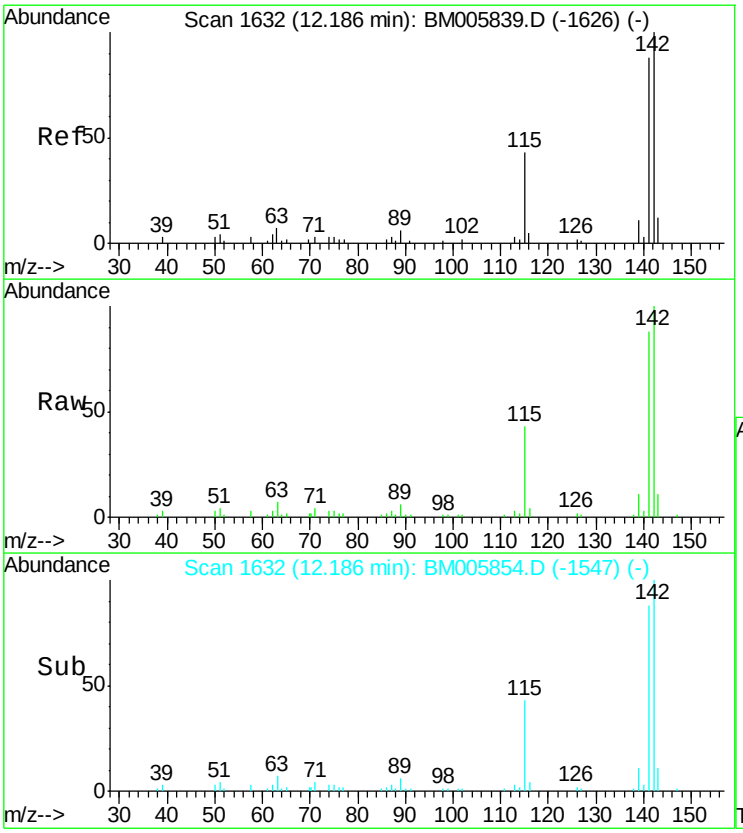
#11
Naphthalene
Concen: 19.55 ng/ul
RT: 10.57 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:128 Resp: 118391

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.8	10.9	16.3

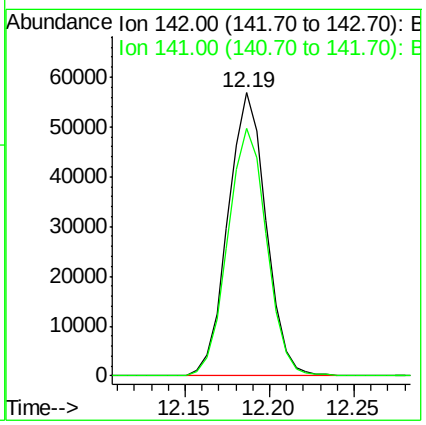


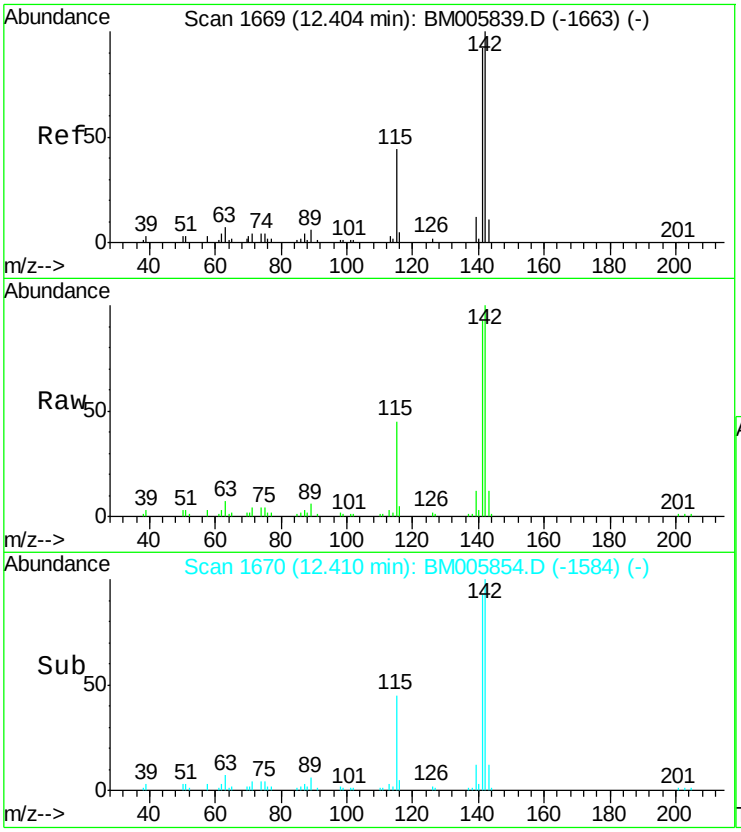


#13
2-Methylnaphthalene
Concen: 19.40 ng/ul
RT: 12.19 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Tgt Ion:142 Resp: 89538

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.2	105.2



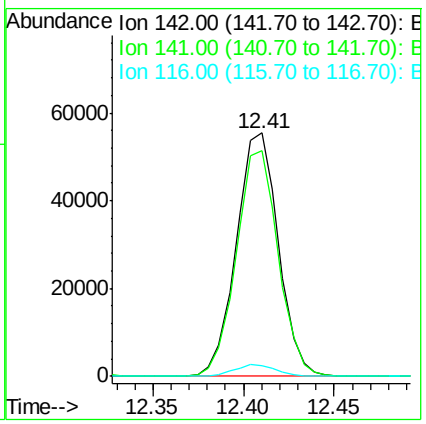


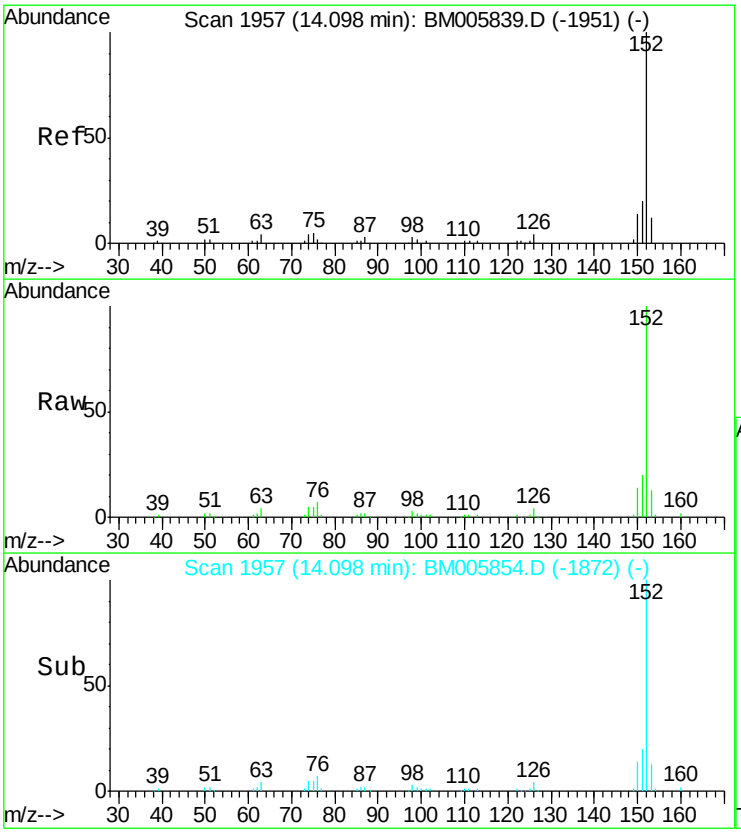
#14
1-Methylnaphthalene
Concen: 18.57 ng/ul
RT: 12.41 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:142 Resp: 89248

Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.4	113.2
116	4.6	3.7	5.5

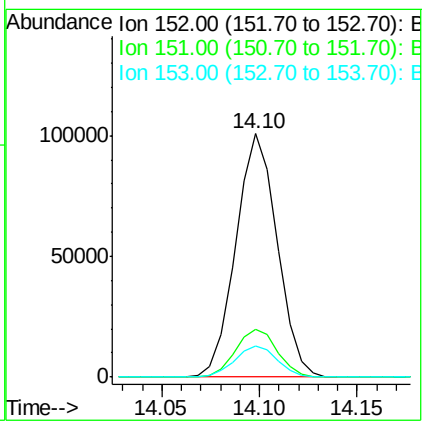


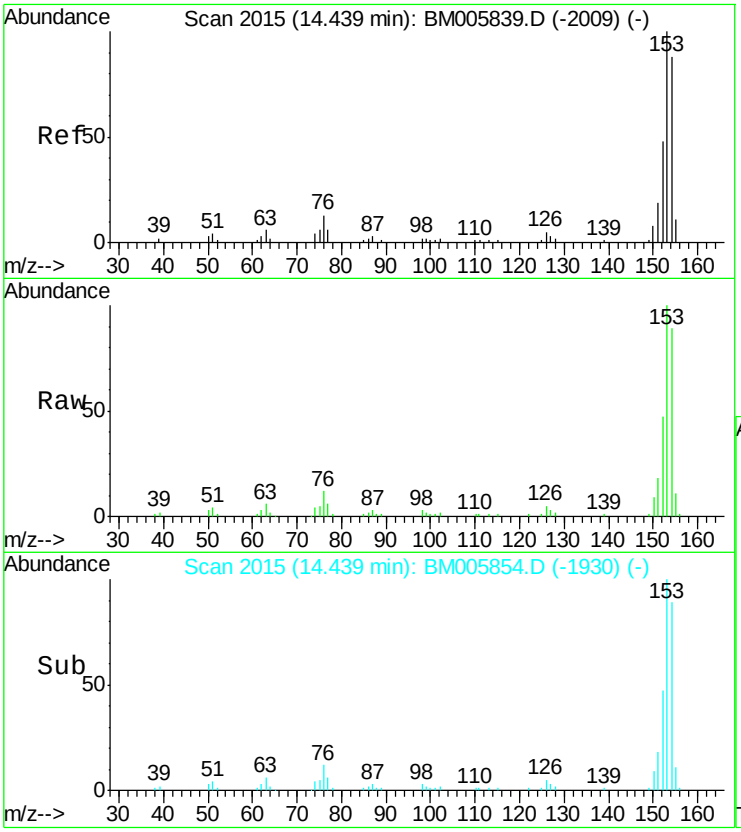


#18
Acenaphthylene
Concen: 19.50 ng/ul
RT: 14.10 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Tgt Ion:152 Resp: 147889

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	12.9	10.2	15.2



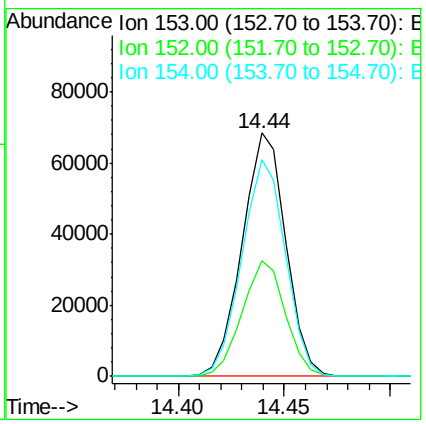


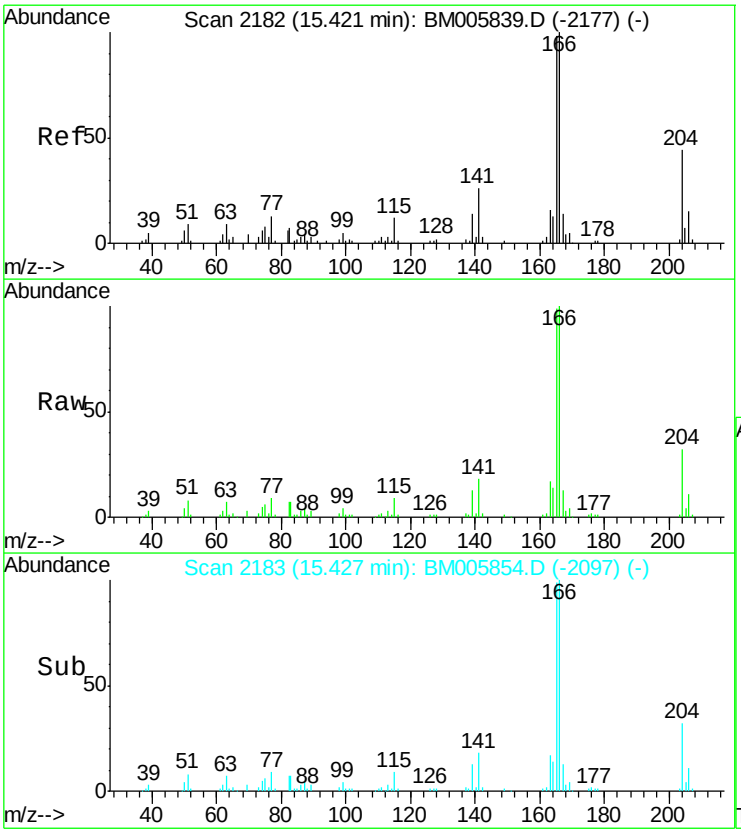
#19
Acenaphthene
Concen: 19.43 ng/ul
RT: 14.44 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:153 Resp: 98376

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.4	56.0
154	88.9	69.7	104.5

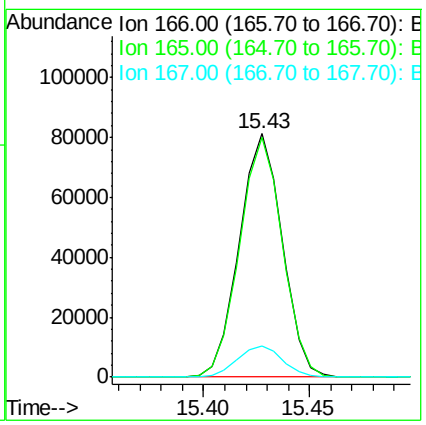


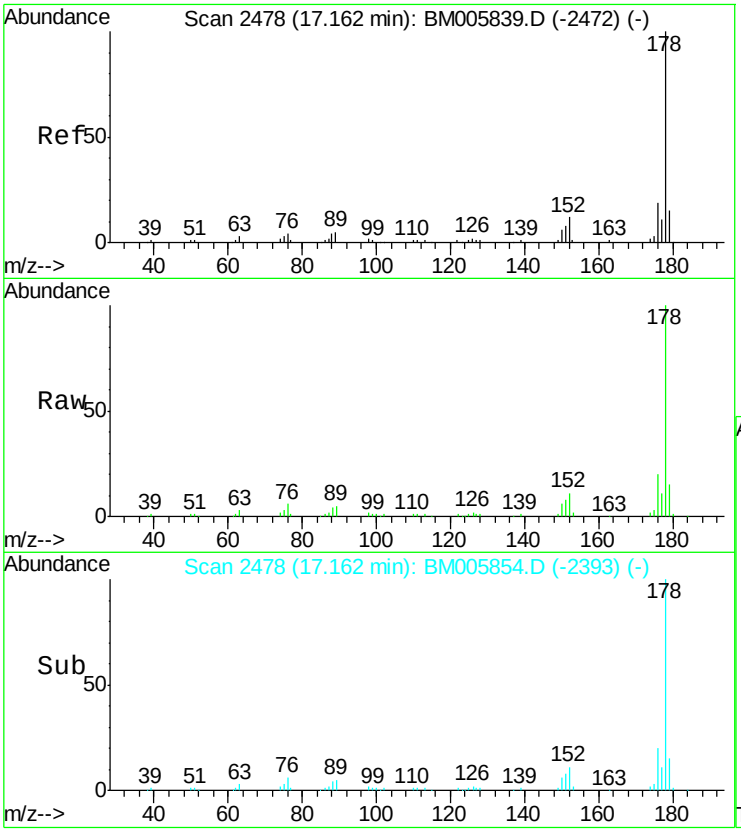


#22
Fluorene
Concen: 18.68 ng/ul
RT: 15.43 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Tgt Ion:166 Resp: 114620

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.5	117.7
167	13.1	10.7	16.1



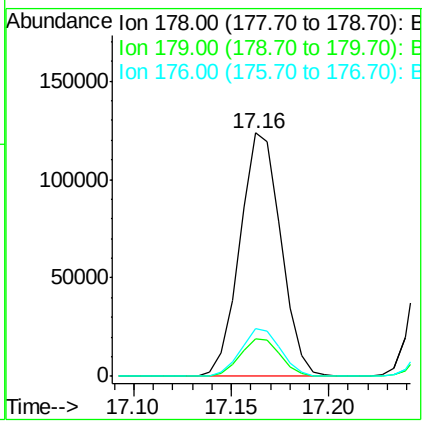


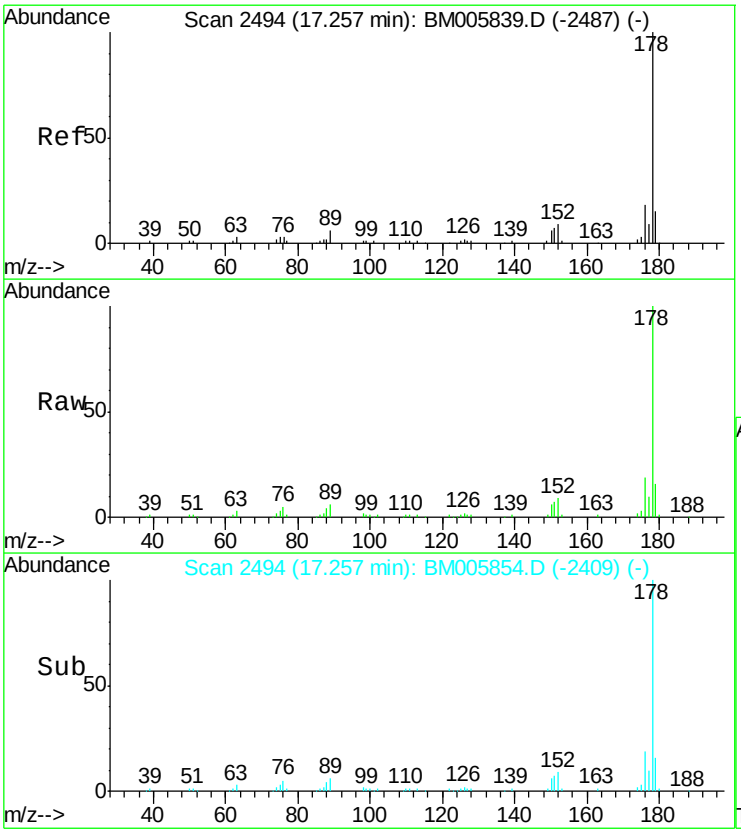
#25
Phenanthrene
Concen: 19.54 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:178 Resp: 179972

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	19.6	14.9	22.3

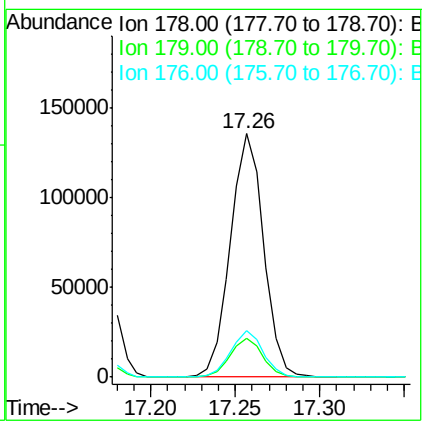


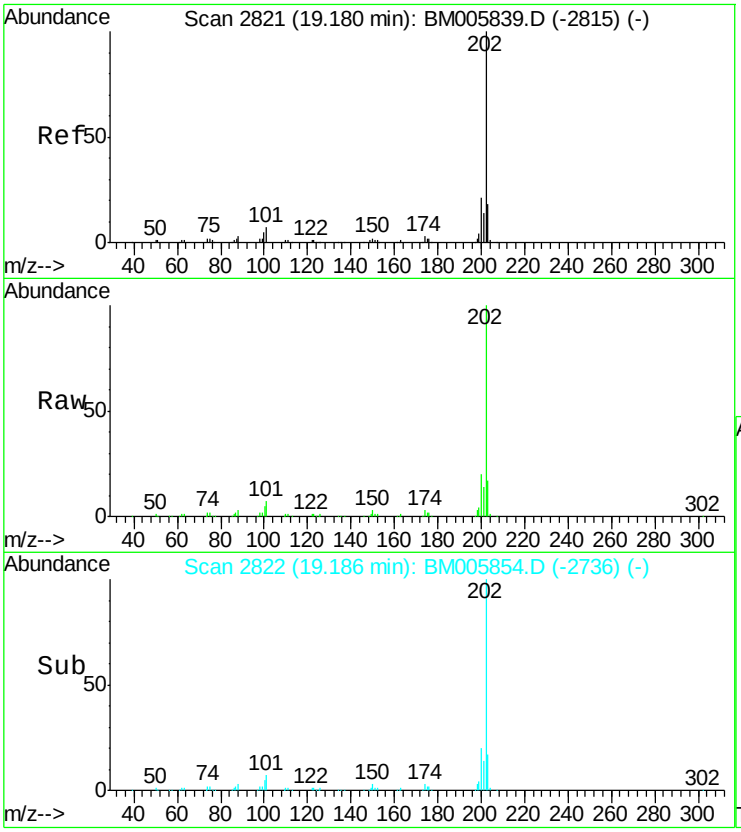


#27
Anthracene
Concen: 19.73 ng/ul
RT: 17.26 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Tgt Ion:178 Resp: 185754

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.9	17.9
176	18.8	14.8	22.2



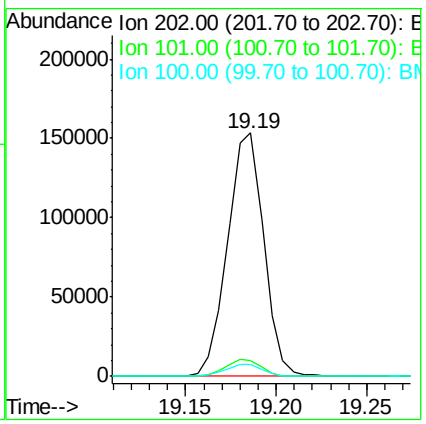


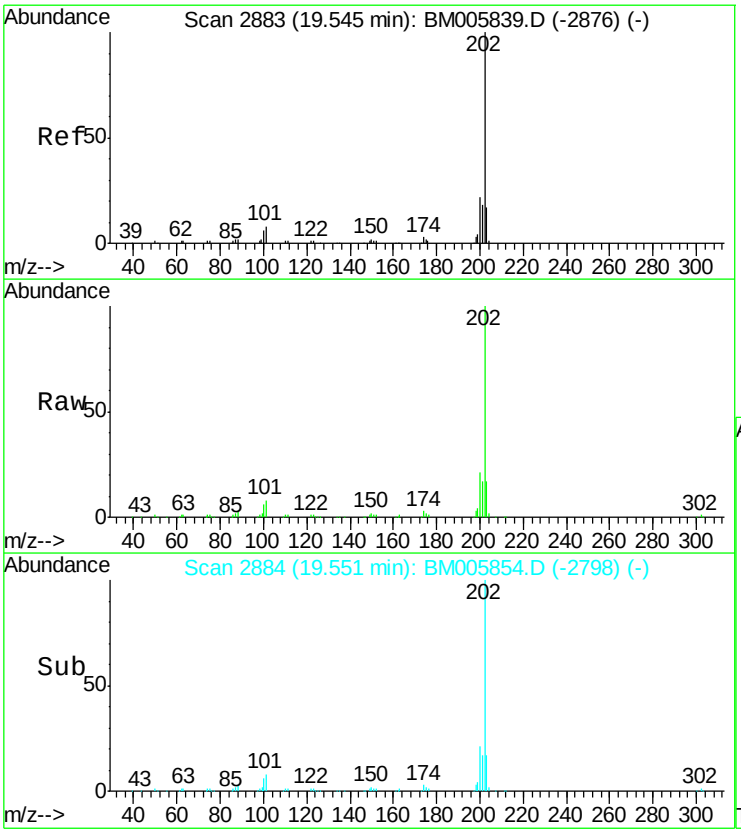
#28
Fluoranthene
Concen: 18.44 ng/ul
RT: 19.19 min Scan# 2822
Delta R.T. 0.01 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:202 Resp: 213451

Ion	Ratio	Lower	Upper
202	100		
101	6.5	6.1	9.1
100	4.7	4.2	6.2

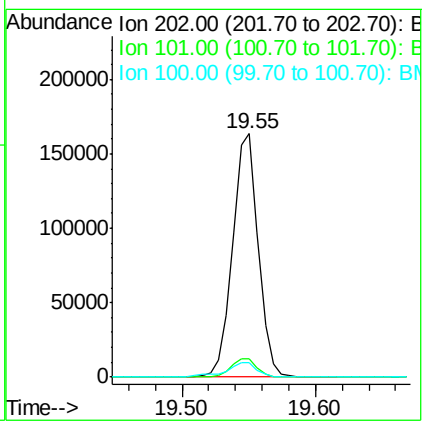


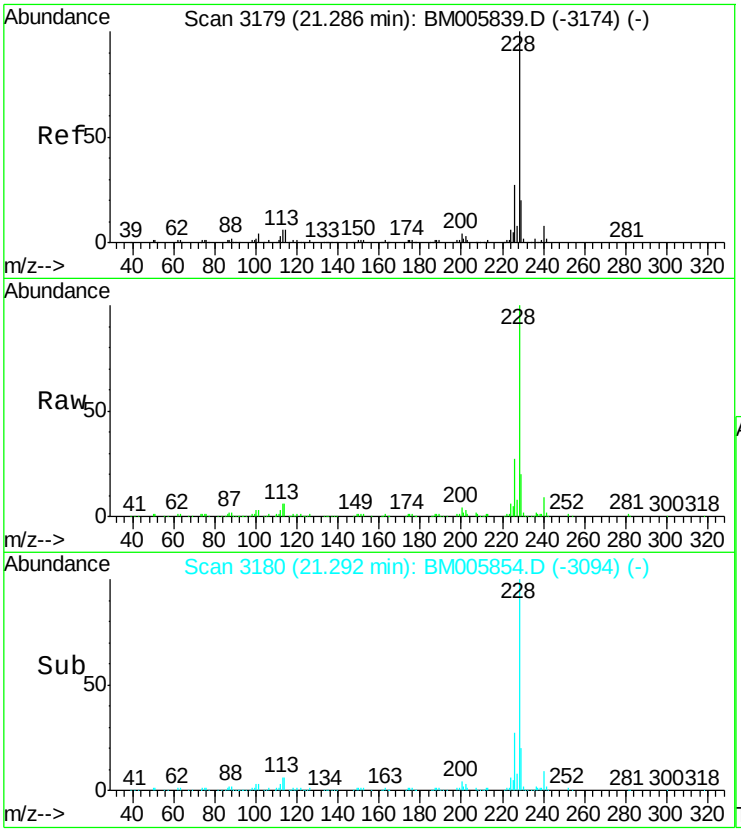


#31
Pyrene
Concen: 23.06 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Tgt Ion:202 Resp: 218846

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.5	9.7
100	6.1	5.4	8.2



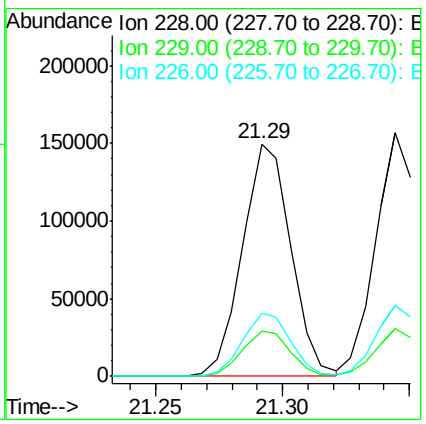


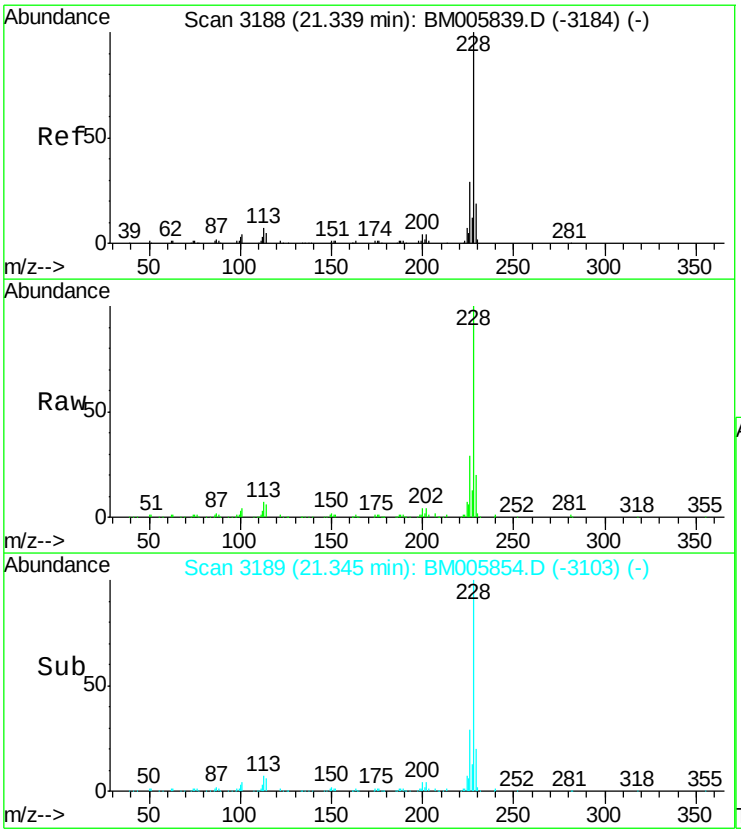
#32
Benzo(a)anthracene
Concen: 19.90 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:228 Resp: 199581

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	27.2	21.8	32.6

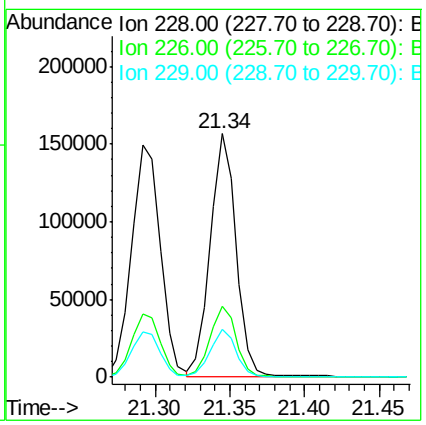


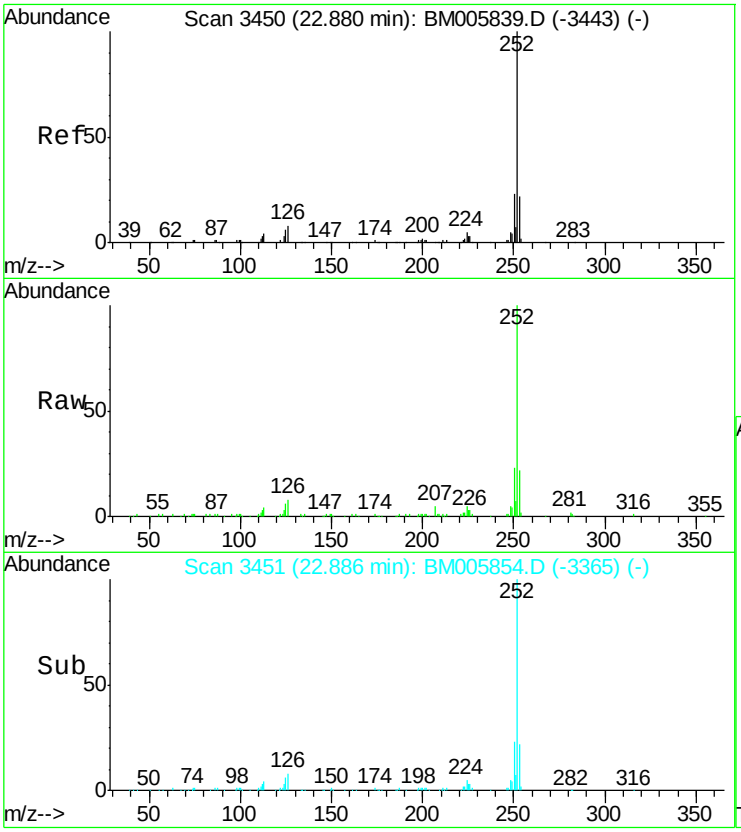


#33
Chrysene
Concen: 19.66 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. 0.01 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Tgt Ion:228 Resp: 189929

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.5	35.3
229	19.5	15.4	23.0



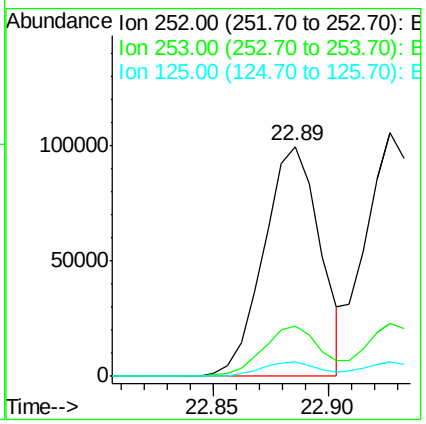


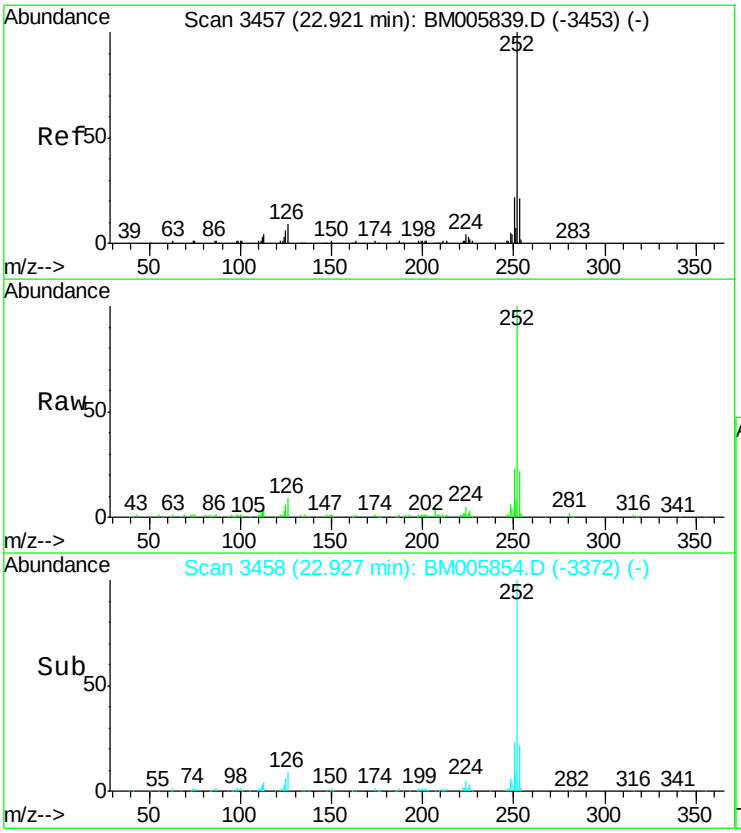
#35
Benzo(b)fluoranthene
Concen: 20.09 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. 0.01 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:252 Resp: 168709

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	6.4	4.9	7.3

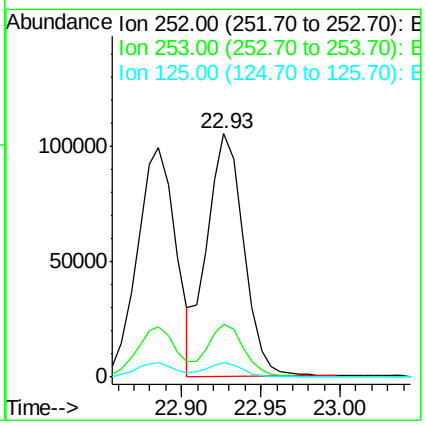


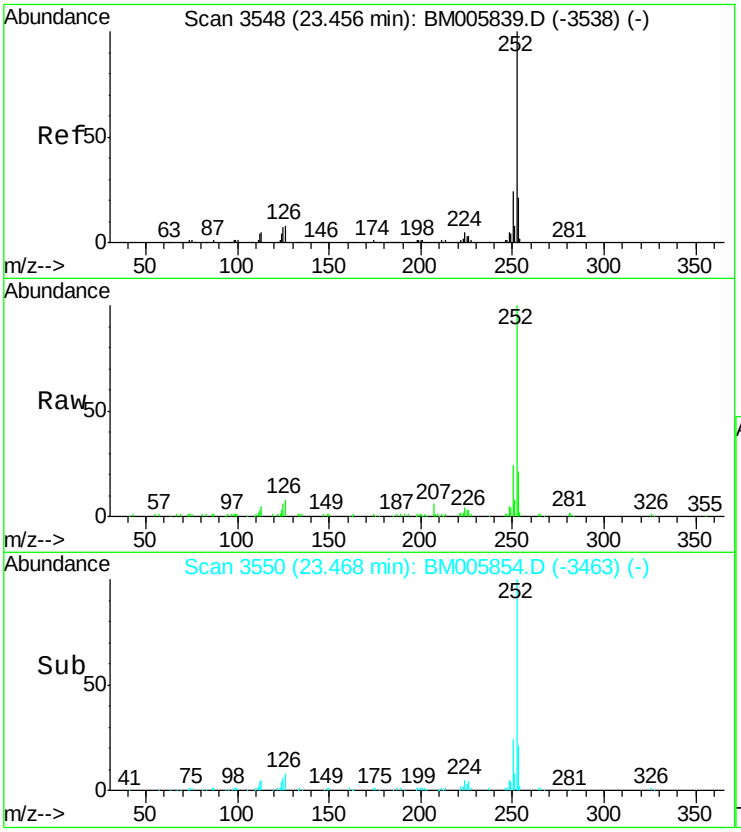


#36
Benzo(k)fluoranthene
Concen: 20.91 ng/ul
RT: 22.93 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Tgt Ion:252 Resp: 169540

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	5.8	4.8	7.2



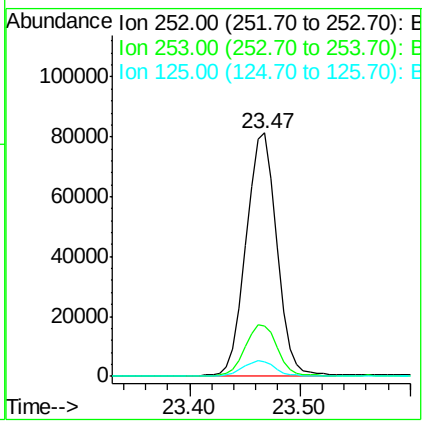


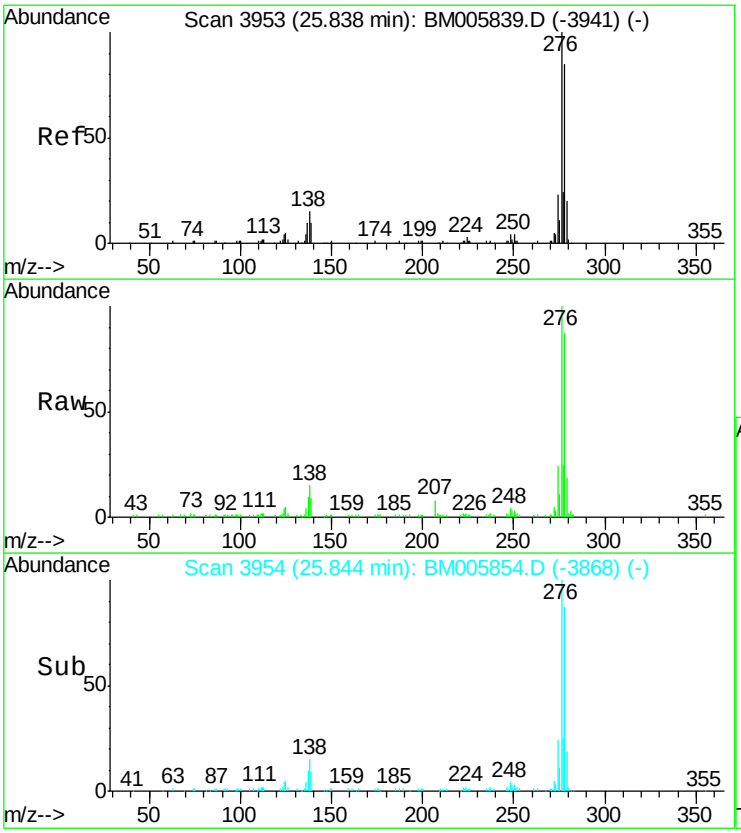
#38
Benzo(a)pyrene
Concen: 19.47 ng/ul
RT: 23.47 min Scan# 3550
Delta R.T. 0.01 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:252 Resp: 160515

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.0	27.0
125	6.0	5.1	7.7

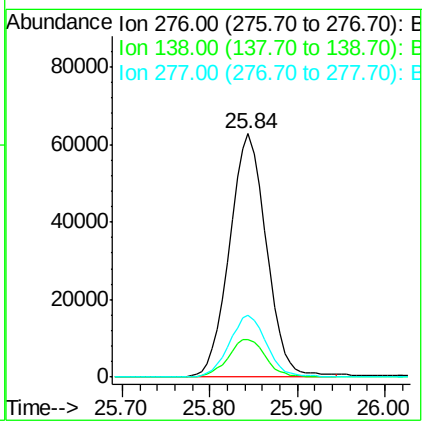


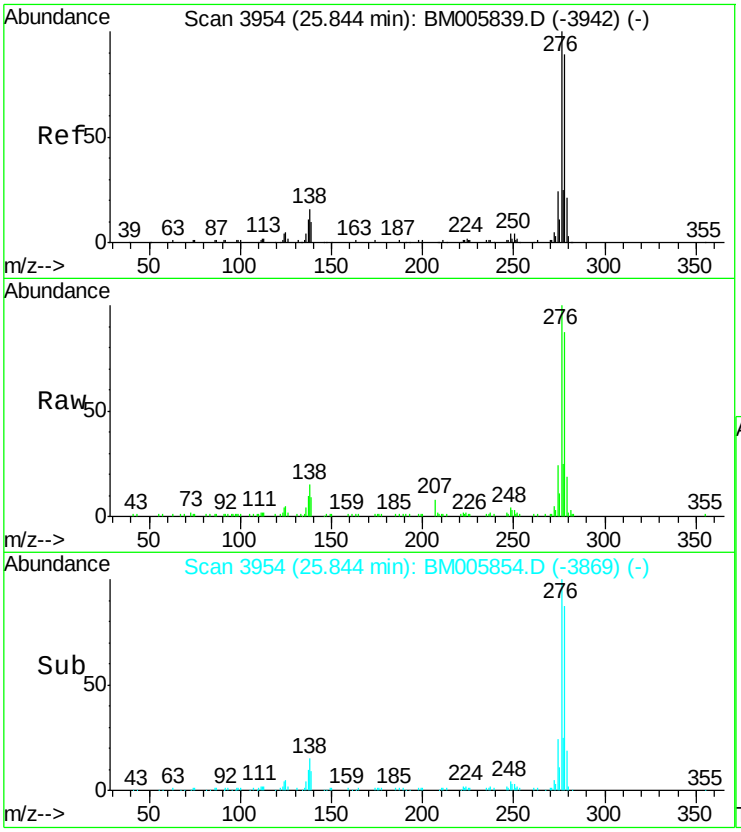


#39
Indeno(1,2,3-cd)pyrene
Concen: 17.89 ng/ul
RT: 25.84 min Scan# 3954
Delta R.T. 0.01 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Tgt Ion:276 Resp: 180252

Ion	Ratio	Lower	Upper
276	100		
138	15.5	11.9	17.9
277	25.4	21.0	31.6



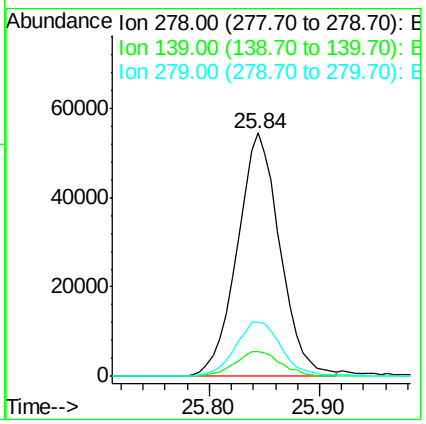


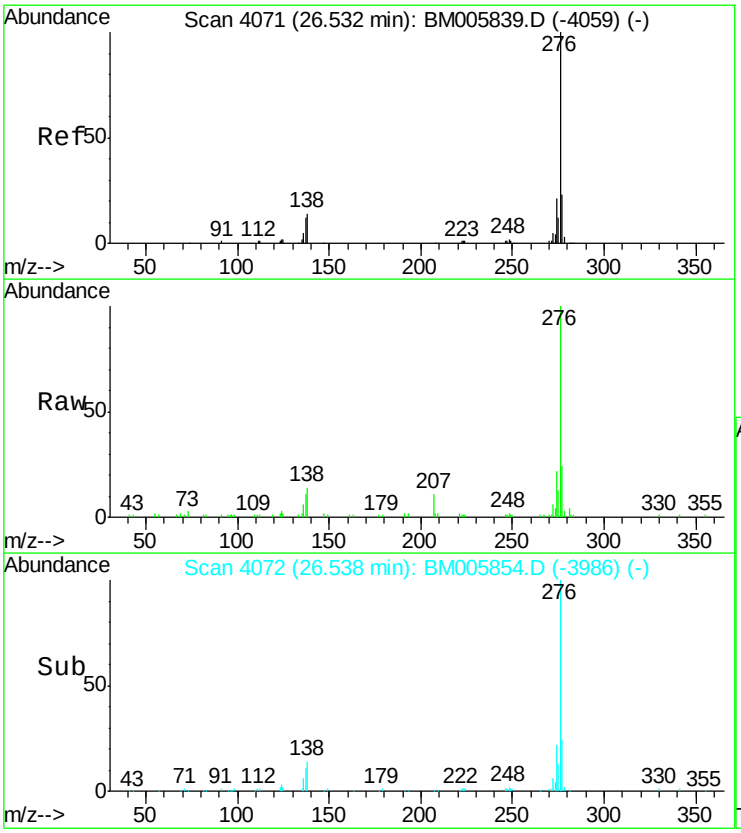
#40
Dibenzo(a,h)anthracene
Concen: 17.88 ng/ul
RT: 25.84 min Scan# 3954
Delta R.T. 0.00 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:278 Resp: 148145

Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.2	12.4
279	22.5	18.6	27.8





#41
Benzo(g,h,i)perylene
Concen: 17.66 ng/ul
RT: 26.54 min Scan# 4072
Delta R.T. 0.01 min
Lab File: BM005854.D
Acq: 17 Jun 2016 07:02

Tgt Ion:276 Resp: 151429

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.6	15.8
277	24.1	19.6	29.4