Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005833.D
Acq On : 16 Jun 2016 17:37
Operator : UM/SJ
Sample : SSTD01046
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01046

Quant Time: Jun 17 01:25:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:25:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	14283	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	67019	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	47307	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	118920	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	156845	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	172820	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	1106	3.62	ng/uL	0.00
3) Phenol-d5	6.92	99	10695	9.22	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	6309	9.35	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	9862	10.10	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	9602	9.67	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	4570	9.64	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	5494	10.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	11057	10.64	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	6465	6.38	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	46407	11.99	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	52498	10.85	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	3924	8.62	ng/ul	0.00
21) Fluorene-d10	15.37	176	40012	12.25	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	6631	11.44	ng/ul	0.00
26) Anthracene-d10	17.22	188	63708	11.31	ng/ul	0.00
30) Pyrene-d10	19.52	212	76958	10.03	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	89456	11.03	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.57	128	36784	10.85	ng/ul	99
13) 2-Methylnaphthalene	12.19	142	27982	11.31	ng/ul	95
14) 1-Methylnaphthalene	12.41	142	29627	11.75	ng/ul	100
18) Acenaphthylene	14.10	152	53799	11.04	ng/ul	99
19) Acenaphthene	14.44	153	35869	11.18	ng/ul	98
22) Fluorene	15.43	166	43867	12.32	ng/ul	97
25) Phenanthrene	17.16	178	73702	11.15	ng/ul	99
27) Anthracene	17.26	178	75230	11.43	ng/ul	100
28) Fluoranthene	19.18	202	92795	12.78	ng/ul	99
31) Pyrene	19.54	202	96508	10.01	ng/ul	99
32) Benzo(a)anthracene	21.29	228	100623	10.96	ng/ul	99
33) Chrysene	21.34	228	95148	10.54	ng/ul	100
35) Benzo(b)fluoranthene	22.89	252	113922	10.93	ng/ul	99
36) Benzo(k)fluoranthene	22.93	252	104924	10.80	ng/ul	99
38) Benzo(a)pyrene	23.47	252	108339	10.79	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.84	276	131338	11.36	ng/ul	98
40) Dibenzo(a,h)anthracene	25.84	278	107121	11.09	ng/ul	99
41) Benzo(g,h,i)perylene	26.54	276	111239	11.12	ng/ul	99

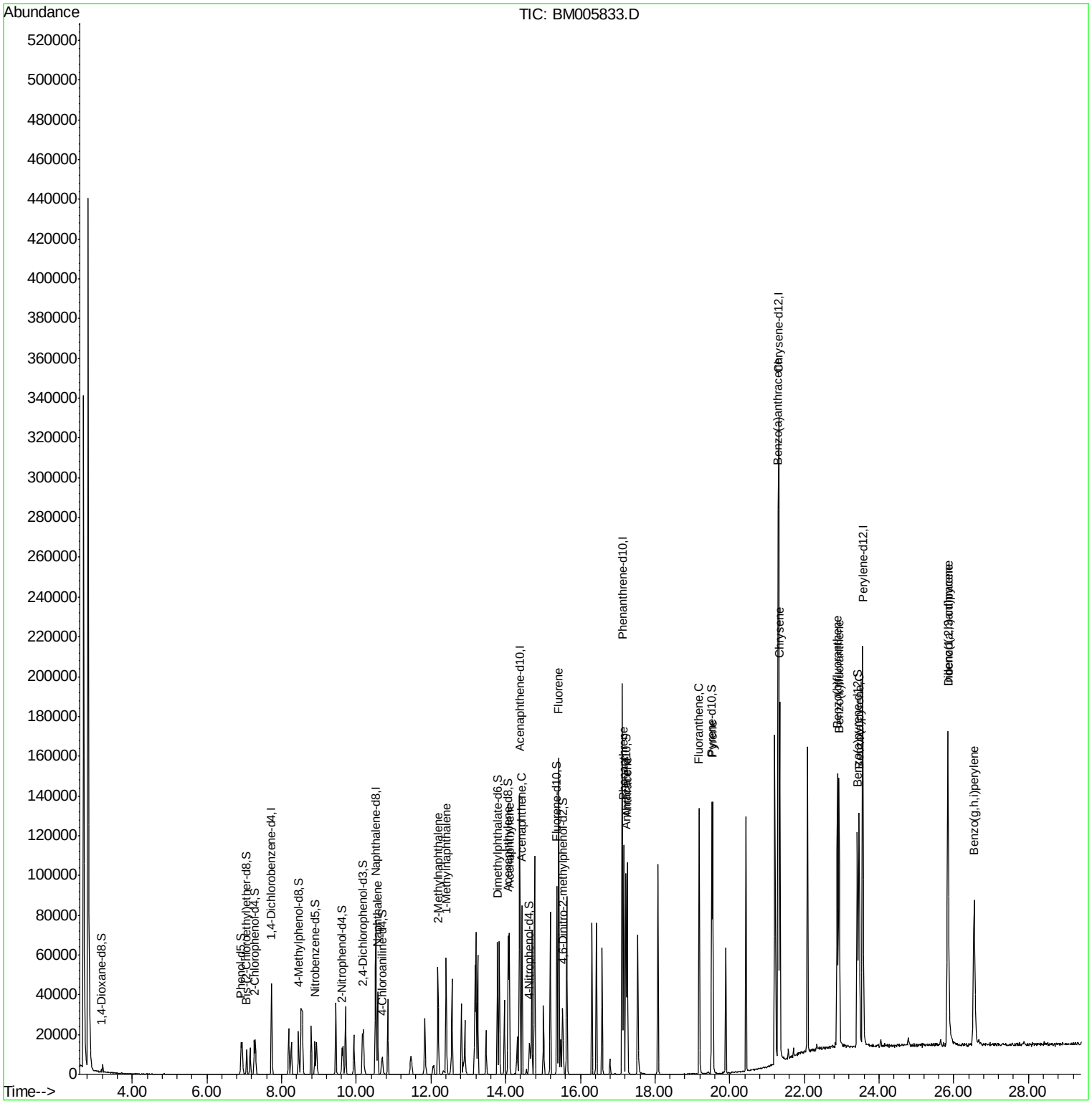
(#) = qualifier out of range (m) = manual integration (+) = signals summed

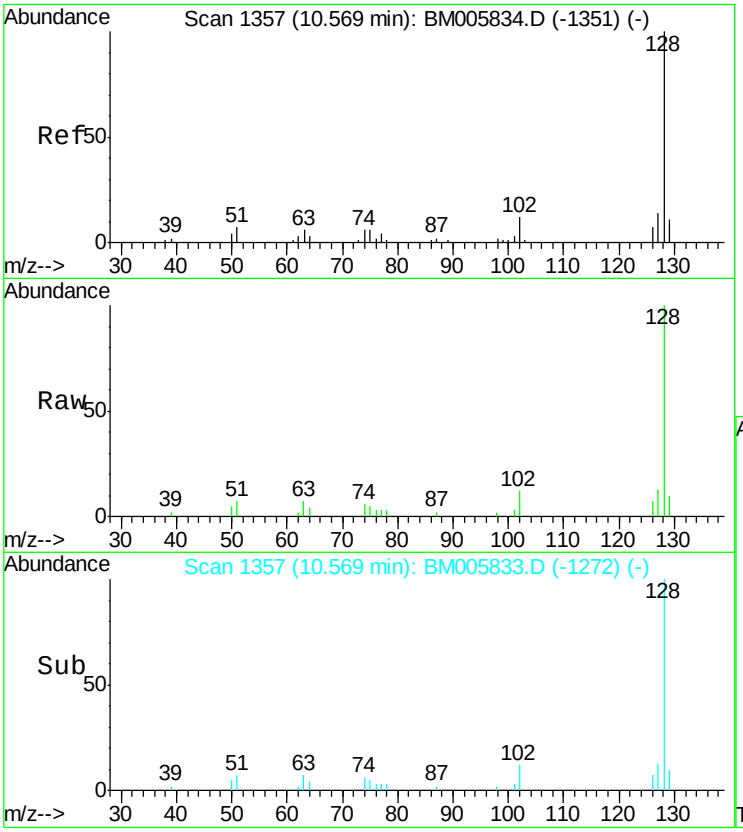
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005833.D
Acq On : 16 Jun 2016 17:37
Operator : UM/SJ
Sample : SSTD01046
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01046

Quant Time: Jun 17 01:25:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:25:11 2016
Response via : Initial Calibration



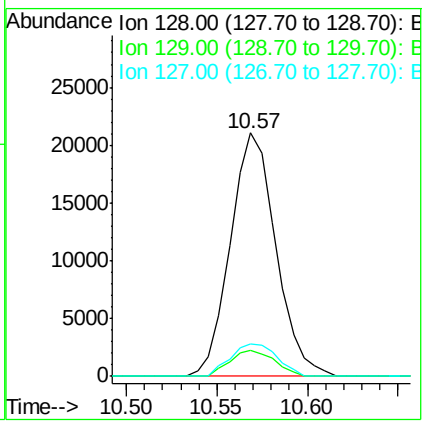


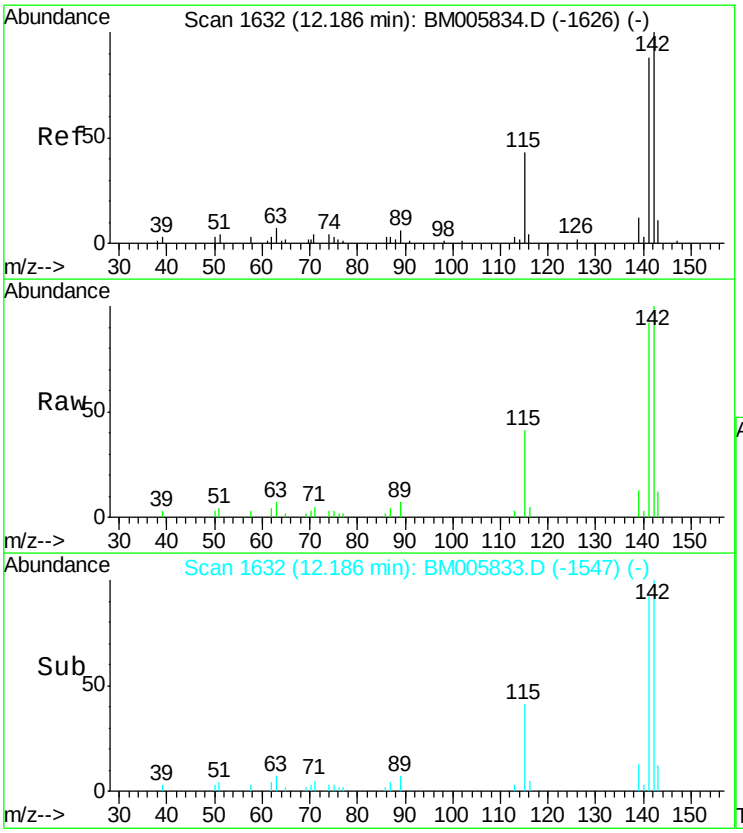
#11
Naphthalene
Concen: 10.85 ng/ul
RT: 10.57 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Instrument :
BNA_M
ClientSampleId :
SSTD01046

Tgt Ion:128 Resp: 36784

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.4
127	13.4	10.9	16.3

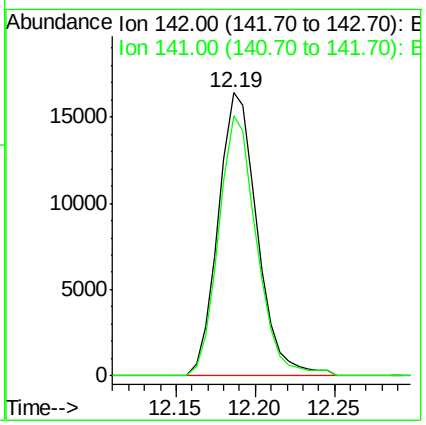


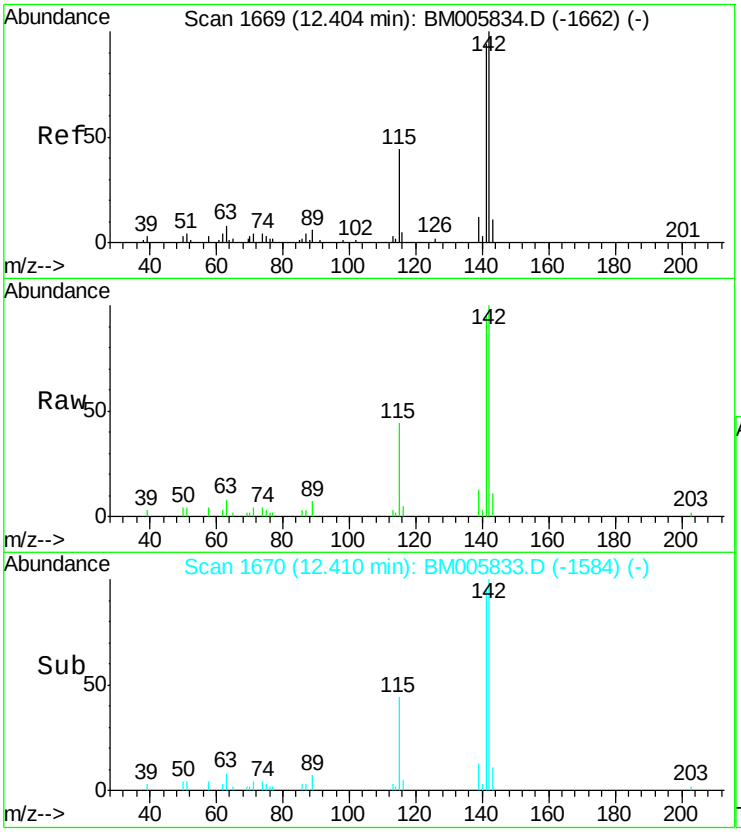


#13
2-Methylnaphthalene
Concen: 11.31 ng/ul
RT: 12.19 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Tgt Ion:142 Resp: 27982

Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.2	105.2



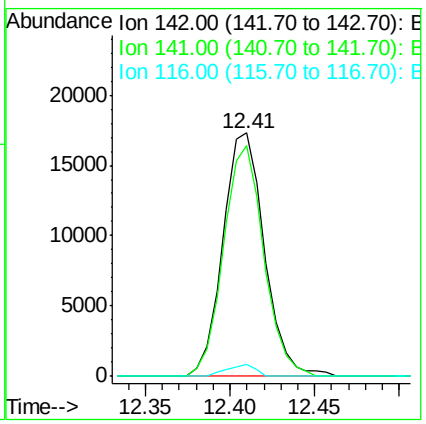


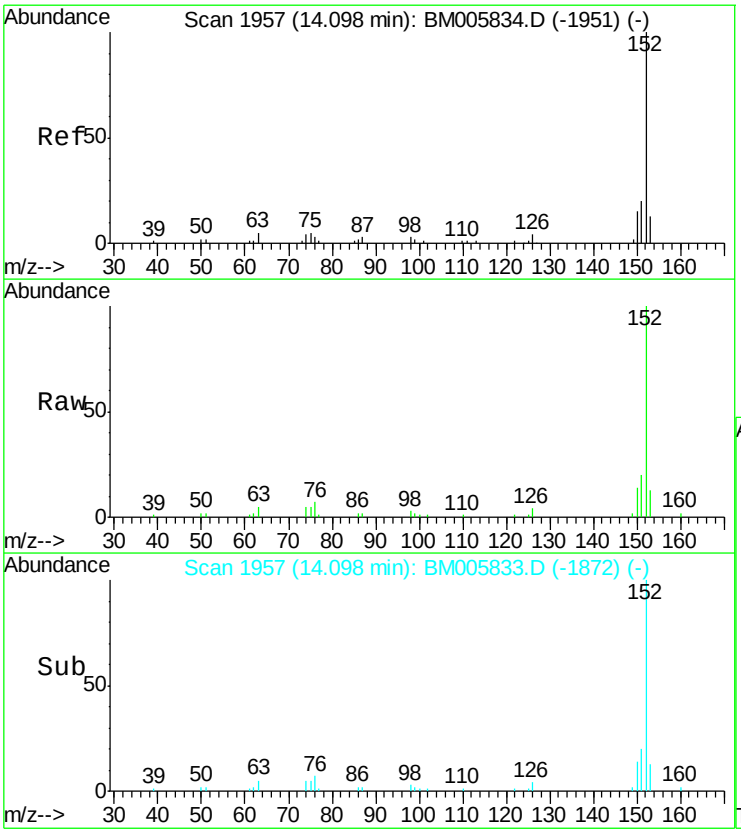
#14
1-Methylnaphthalene
Concen: 11.75 ng/ul
RT: 12.41 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Instrument :
BNA_M
ClientSampleId :
SSTD01046

Tgt Ion:142 Resp: 29627

Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.4	113.2
116	4.6	3.7	5.5

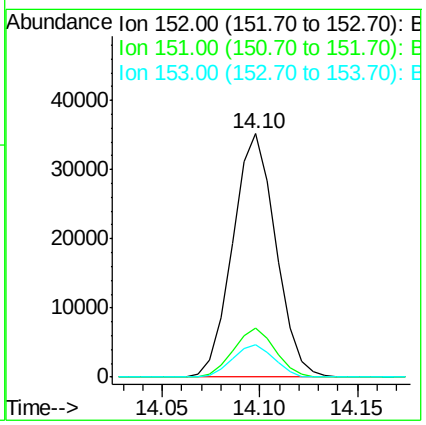


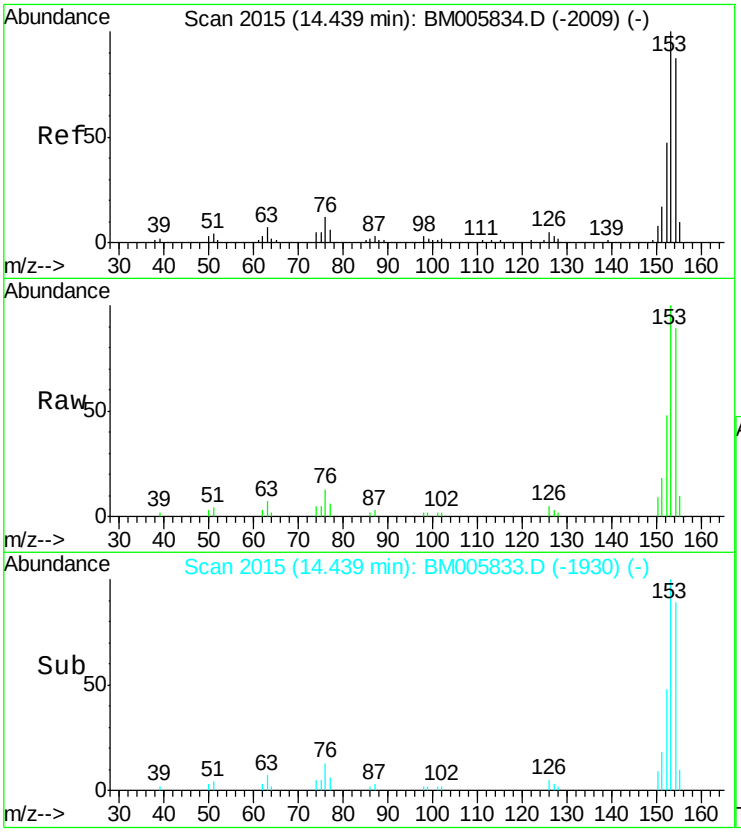


#18
Acenaphthylene
Concen: 11.04 ng/ul
RT: 14.10 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Tgt Ion:152 Resp: 53799

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.2	10.2	15.2



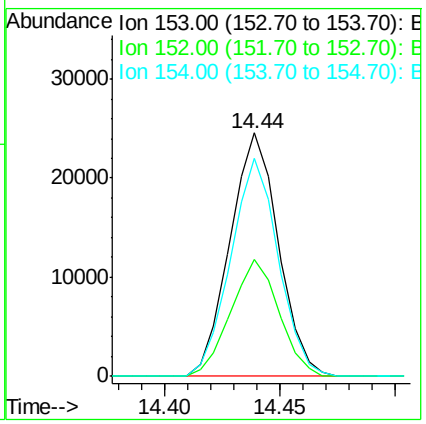


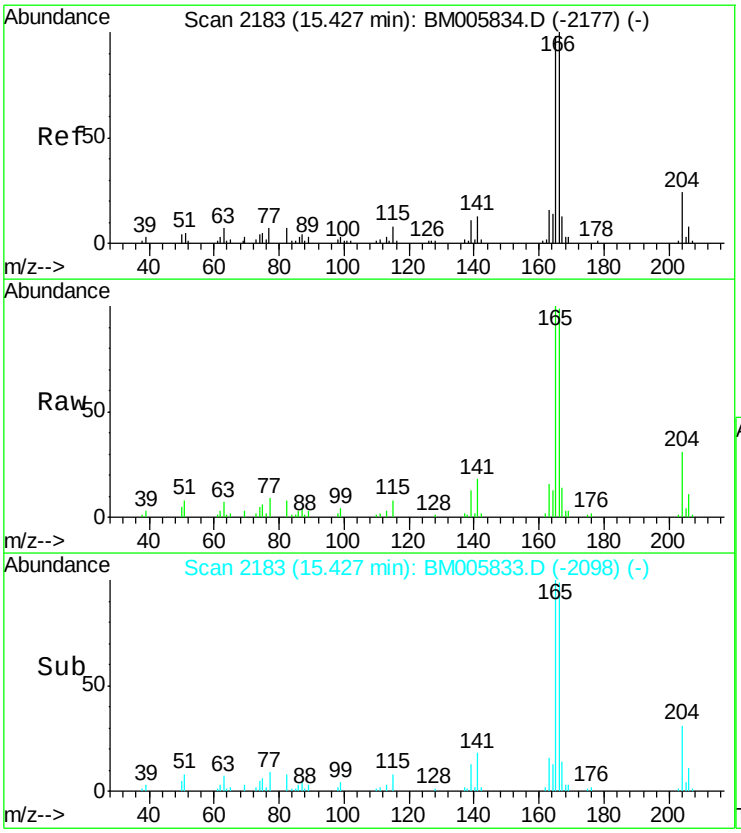
#19
Acenaphthene
Concen: 11.18 ng/ul
RT: 14.44 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Instrument :
BNA_M
ClientSampleId :
SSTD01046

Tgt Ion:153 Resp: 35869

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.4	56.0
154	89.3	69.7	104.5

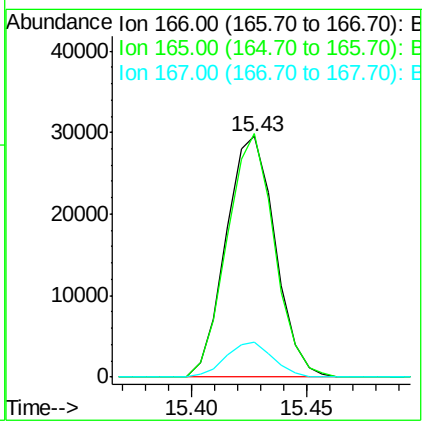


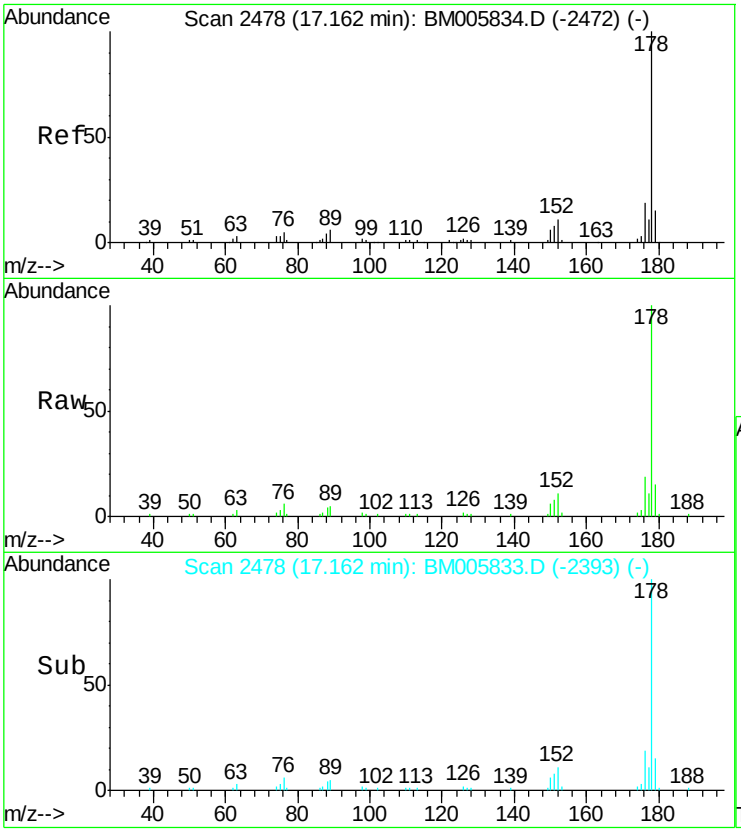


#22
Fluorene
Concen: 12.32 ng/ul
RT: 15.43 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Tgt Ion:166 Resp: 43867

Ion	Ratio	Lower	Upper
166	100		
165	101.1	78.5	117.7
167	14.3	10.7	16.1



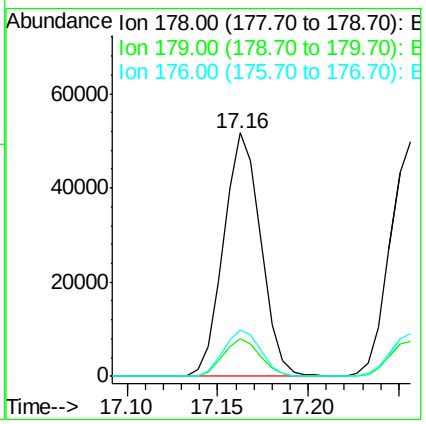


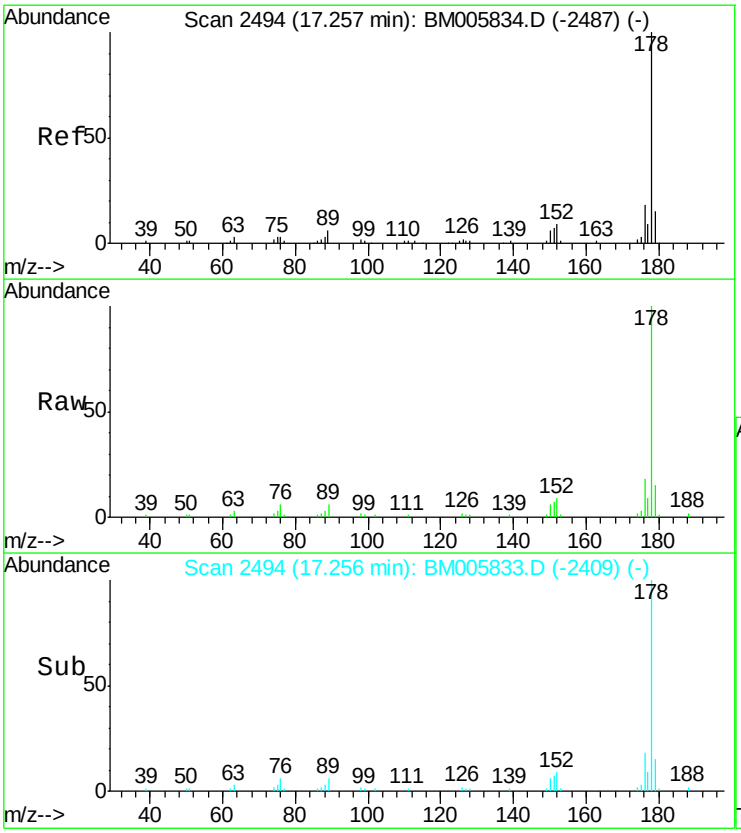
#25
Phenanthrene
Concen: 11.15 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Instrument :
BNA_M
ClientSampleId :
SSTD01046

Tgt Ion:178 Resp: 73702

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.0	18.0
176	19.2	14.9	22.3

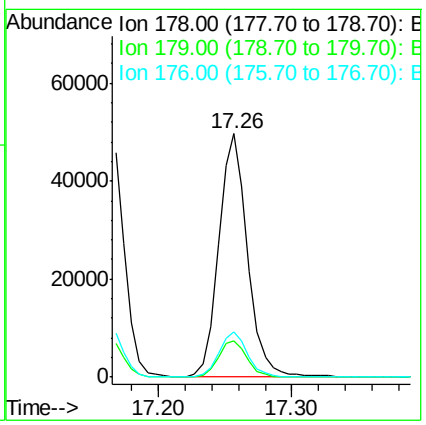


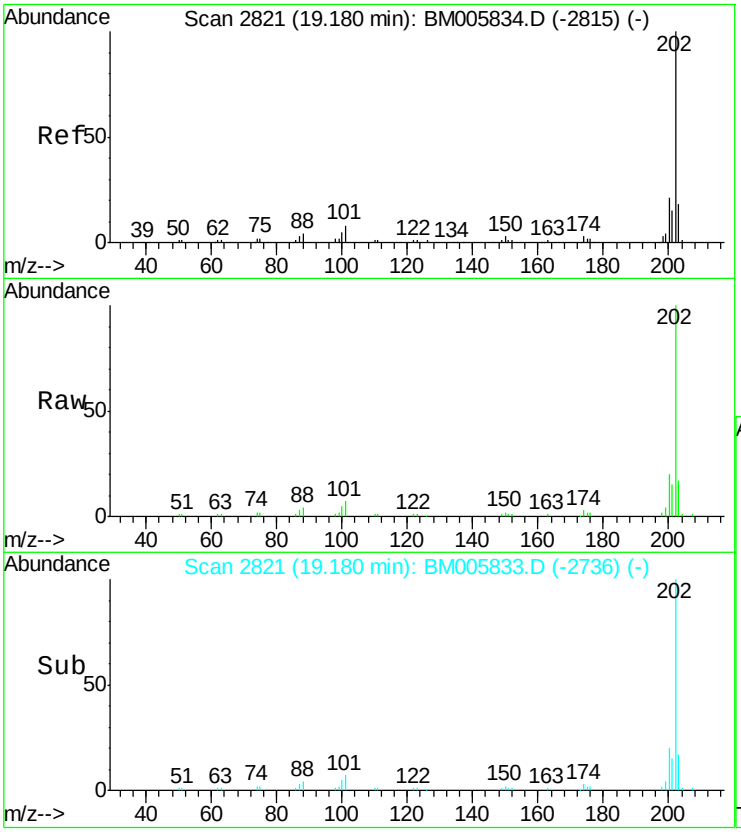


#27
Anthracene
Concen: 11.43 ng/ul
RT: 17.26 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Tgt Ion:178 Resp: 75230

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.9	17.9
176	18.3	14.8	22.2



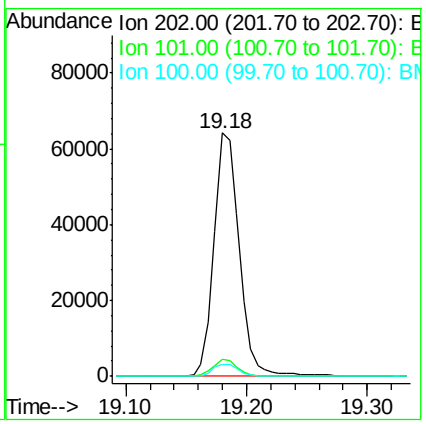


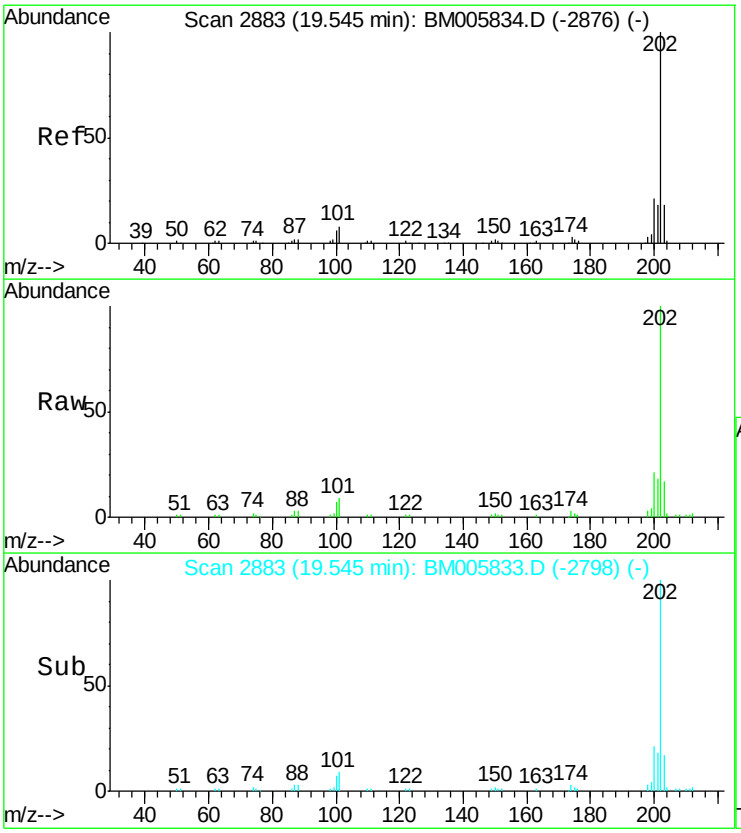
#28
Fluoranthene
Concen: 12.78 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Instrument :
BNA_M
ClientSampleId :
SSTD01046

Tgt Ion:202 Resp: 92795

Ion	Ratio	Lower	Upper
202	100		
101	6.8	6.1	9.1
100	5.2	4.2	6.2

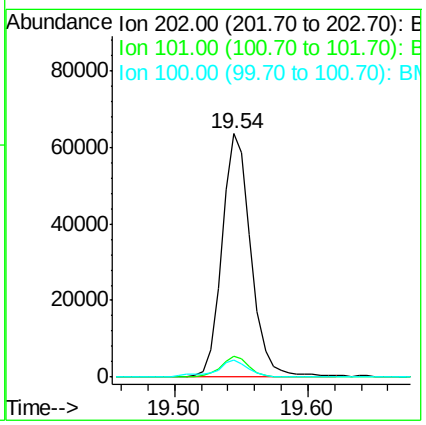


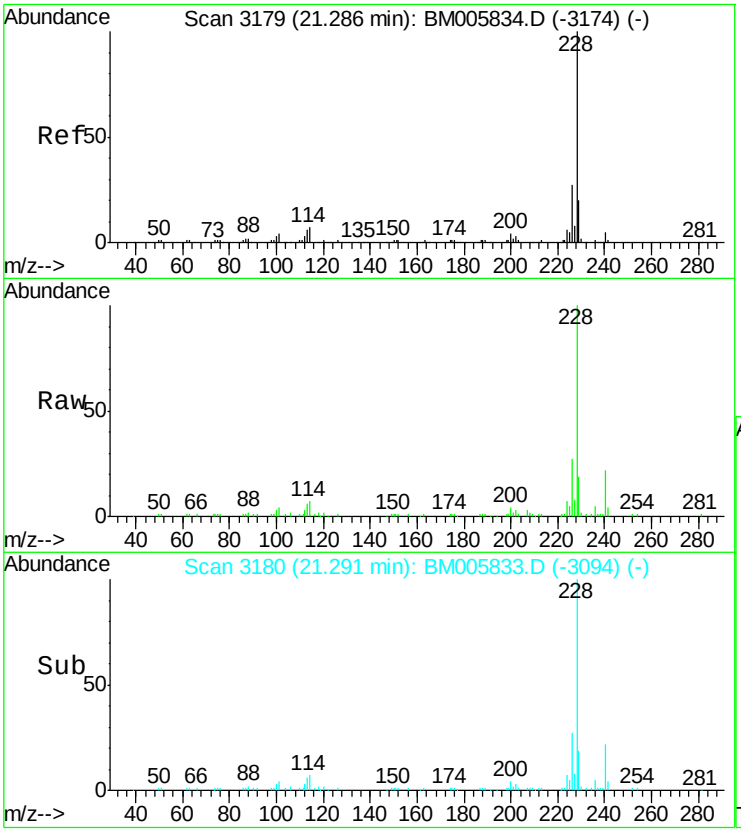


#31
Pyrene
Concen: 10.01 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Tgt Ion:202 Resp: 96508

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.5	9.7
100	6.8	5.4	8.2



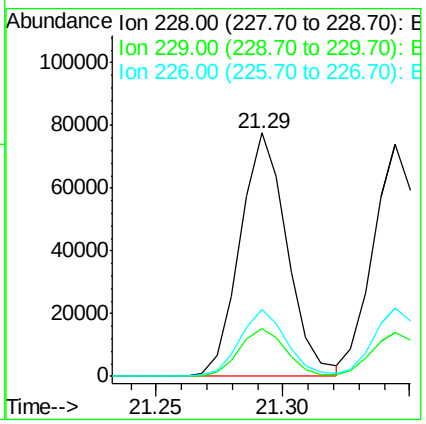


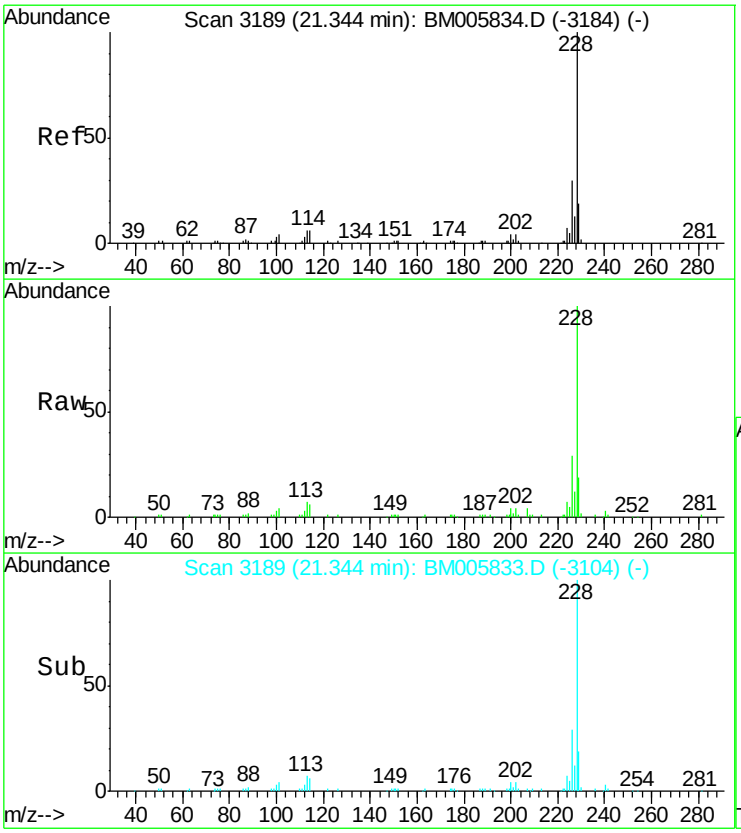
#32
Benzo(a)anthracene
Concen: 10.96 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Instrument :
BNA_M
ClientSampleId :
SSTD01046

Tgt Ion:228 Resp: 100623

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.6
226	27.4	21.8	32.6

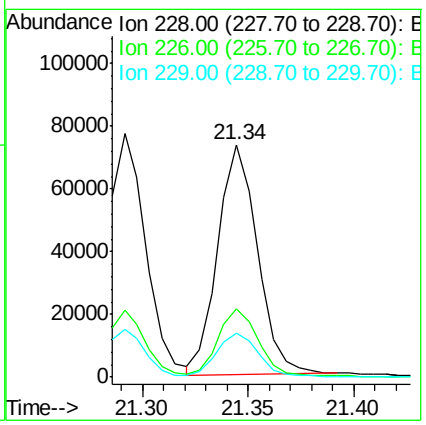


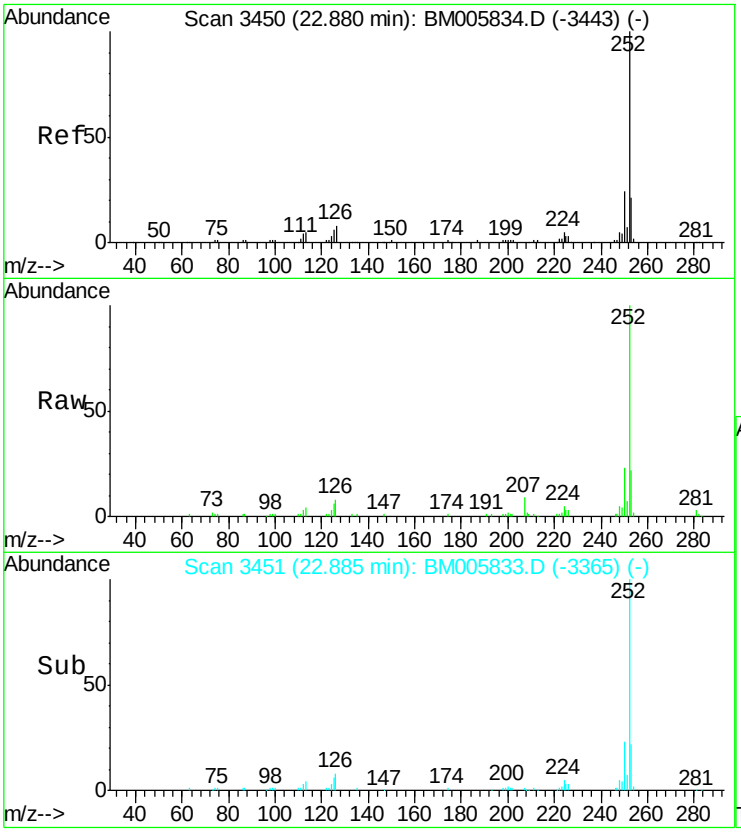


#33
Chrysene
Concen: 10.54 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Tgt Ion:228 Resp: 95148

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	19.2	15.4	23.0



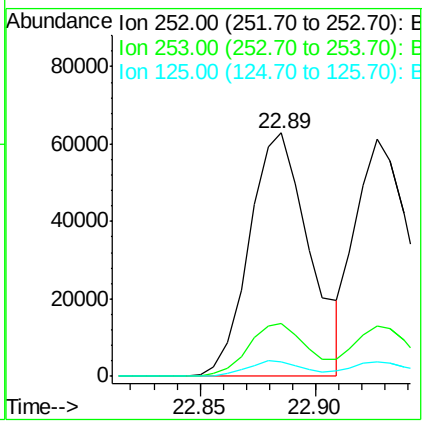


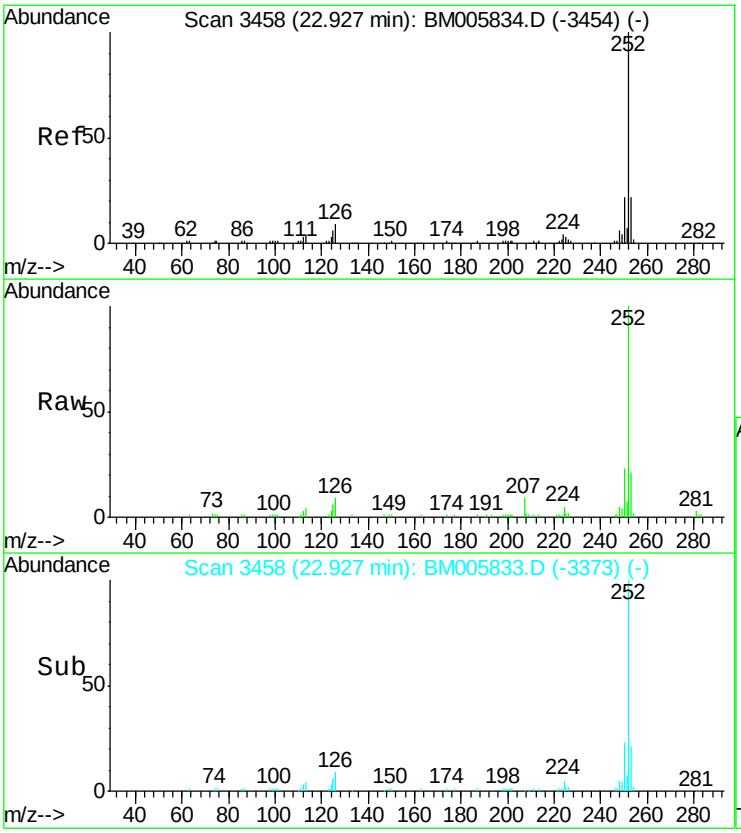
#35
Benzo(b)fluoranthene
Concen: 10.93 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. 0.01 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Instrument :
BNA_M
ClientSampleId :
SSTD01046

Tgt Ion:252 Resp: 113922

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	5.8	4.9	7.3

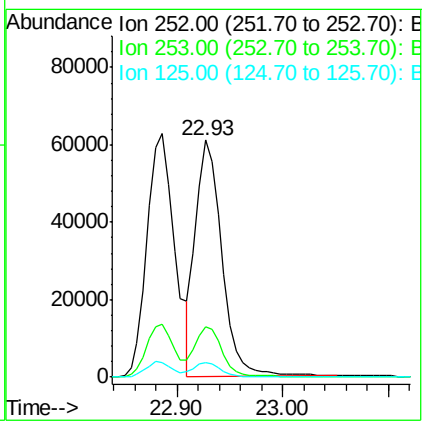


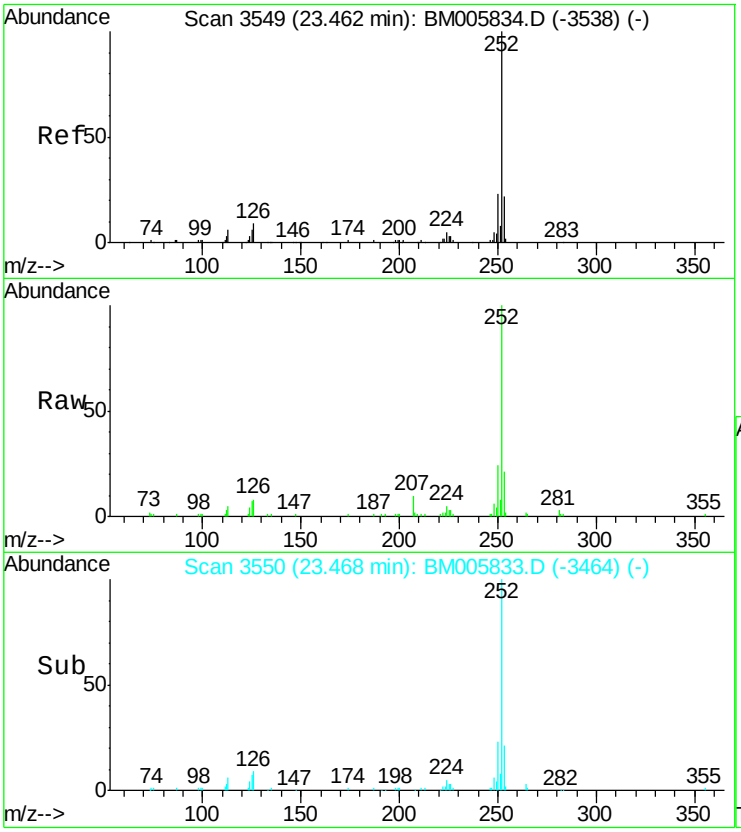


#36
Benzo(k)fluoranthene
Concen: 10.80 ng/ul
RT: 22.93 min Scan# 3458
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Tgt Ion:252 Resp: 104924

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	6.0	4.8	7.2



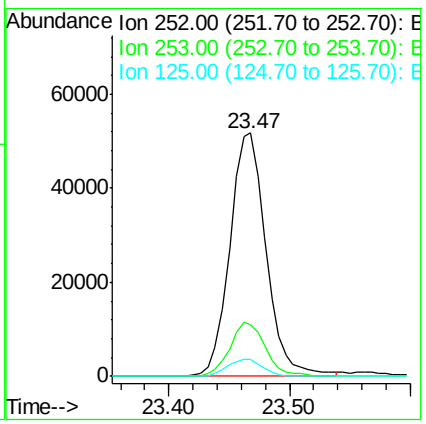


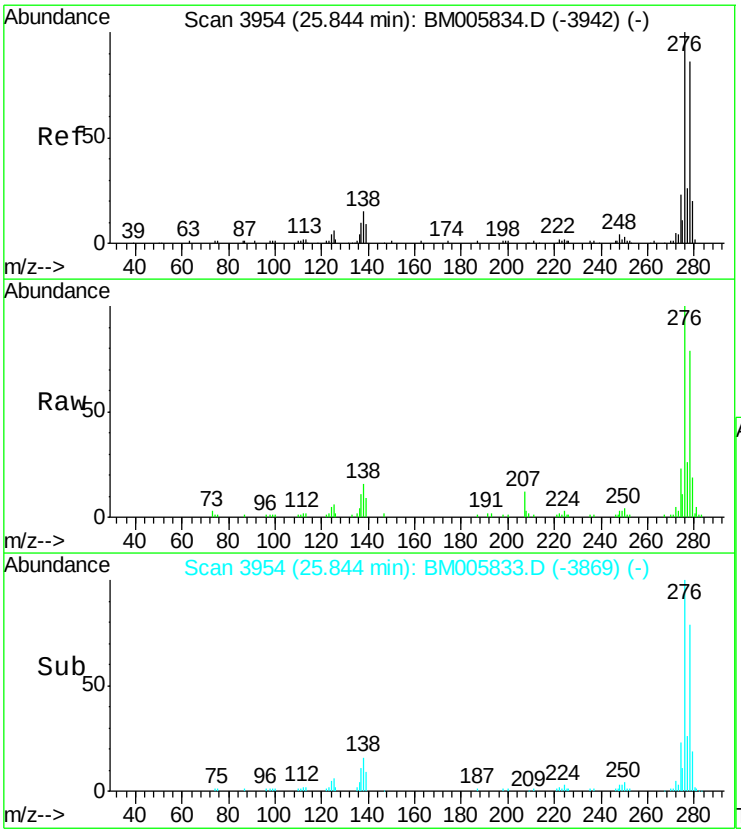
#38
Benzo(a)pyrene
Concen: 10.79 ng/ul
RT: 23.47 min Scan# 3550
Delta R.T. 0.01 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Instrument :
BNA_M
ClientSampleId :
SSTD01046

Tgt Ion:252 Resp: 108339

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	7.0	5.1	7.7

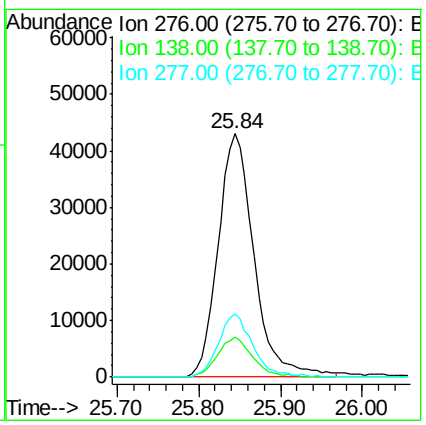


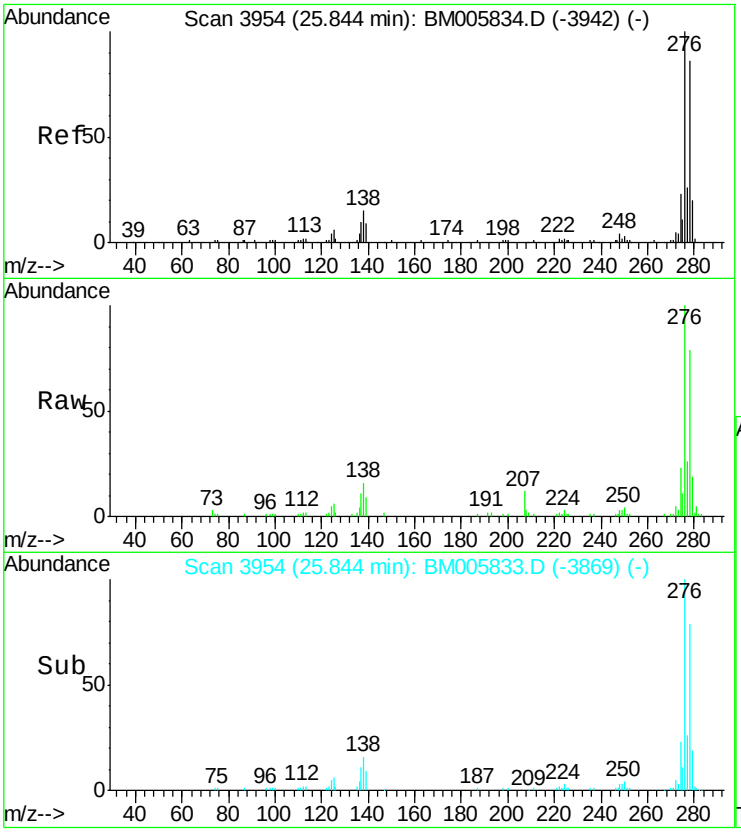


#39
Indeno(1,2,3-cd)pyrene
Concen: 11.36 ng/ul
RT: 25.84 min Scan# 3954
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Tgt Ion:276 Resp: 131338

Ion	Ratio	Lower	Upper
276	100		
138	16.5	11.9	17.9
277	26.2	21.0	31.6



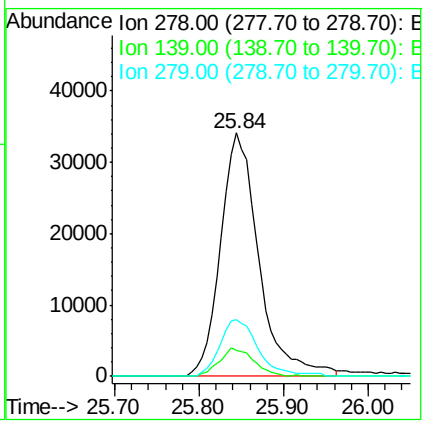


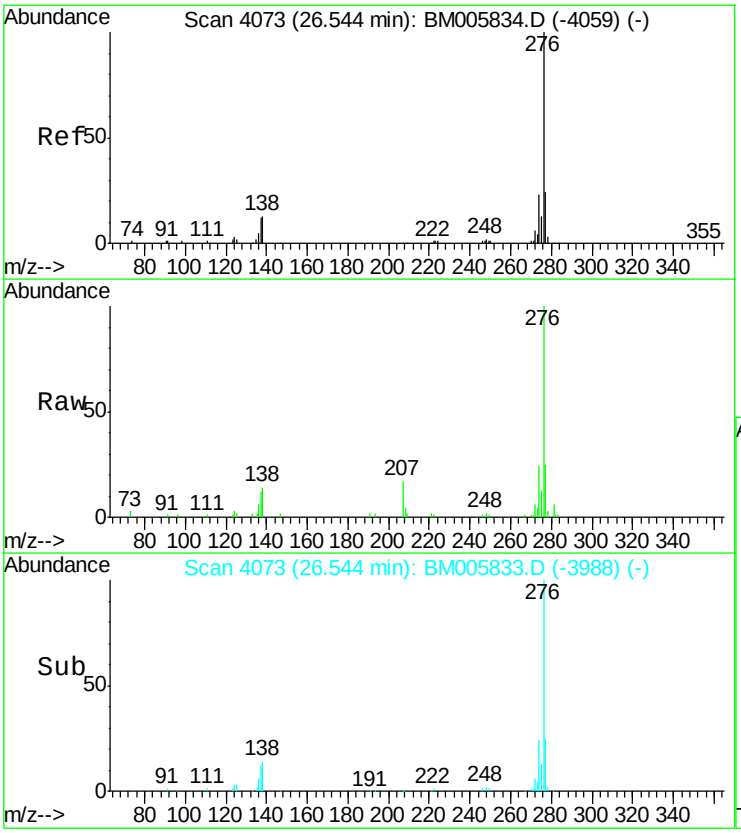
#40
Dibenzo(a,h)anthracene
Concen: 11.09 ng/ul
RT: 25.84 min Scan# 3954
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Instrument :
BNA_M
ClientSampleId :
SSTD01046

Tgt Ion:278 Resp: 107121

Ion	Ratio	Lower	Upper
278	100		
139	10.8	8.2	12.4
279	23.5	18.6	27.8





#41
Benzo(g,h,i)perylene
Concen: 11.12 ng/ul
RT: 26.54 min Scan# 4073
Delta R.T. -0.00 min
Lab File: BM005833.D
Acq: 16 Jun 2016 17:37

Tgt Ion:276 Resp: 111239

Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.6	15.8
277	24.9	19.6	29.4