Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
Data File : BE088417.D
Acq On : 31 Oct 2014 8:40
Operator : TP/JJ
Sample : SSTD0.441
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTD0.441

Quant Time: Nov 01 00:51:47 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE103014.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 31 07:05:45 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	2542	0.40	ng/ul	0.00
2) Naphthalene-d8	8.65	136	9803	0.40	ng/ul	0.00
6) Acenaphthene-d10	10.80	164	4632	0.40	ng/ul	0.00
10) Phenanthrene-d10	12.90	188	6799	0.40	ng/ul	0.00
16) Chrysene-d12	18.31	240	4401	0.40	ng/ul	0.00
20) Perylene-d12	21.38	264	3783	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	9.49	152	4537	0.37	ng/ul	0.00
14) Fluoranthene-d10	15.14	212	5933	0.47	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	8.67	128	9353	0.37	ng/ul	99
5) 2-Methylnaphthalene	9.52	142	5912	0.37	ng/ul	99
7) Acenaphthylene	10.61	152	33130	0.38	ng/ul	96
8) Acenaphthene	10.83	153	20384	0.38	ng/ul	91
9) Fluorene	11.50	166	5466	0.37	ng/ul	91
11) Pentachlorophenol	12.61	266	471	0.30	ng/ul	95
12) Phenanthrene	12.94	178	30641	0.38	ng/ul	96
13) Anthracene	13.02	178	29749	0.38	ng/ul	96
15) Fluoranthene	15.18	202	26312	0.36	ng/ul	100
17) Pyrene	15.63	202	26511	0.38	ng/ul	100
18) Benzo(a)anthracene	18.29	228	4892	0.37	ng/ul	99
19) Chrysene	18.37	228	5025	0.39	ng/ul	99
21) Benzo(b)fluoranthene	20.62	252	4069	0.36	ng/ul	98
22) Benzo(k)fluoranthene	20.67	252	4708	0.40	ng/ul	99
23) Benzo(a)pyrene	21.26	252	4081	0.36	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	23.55	276	14405	0.36	ng/ul	99
25) Dibenzo(a,h)anthracene	23.64	278	3753	0.37	ng/ul	99
26) Benzo(g,h,i)perylene	24.18	276	16767	0.39	ng/ul	97

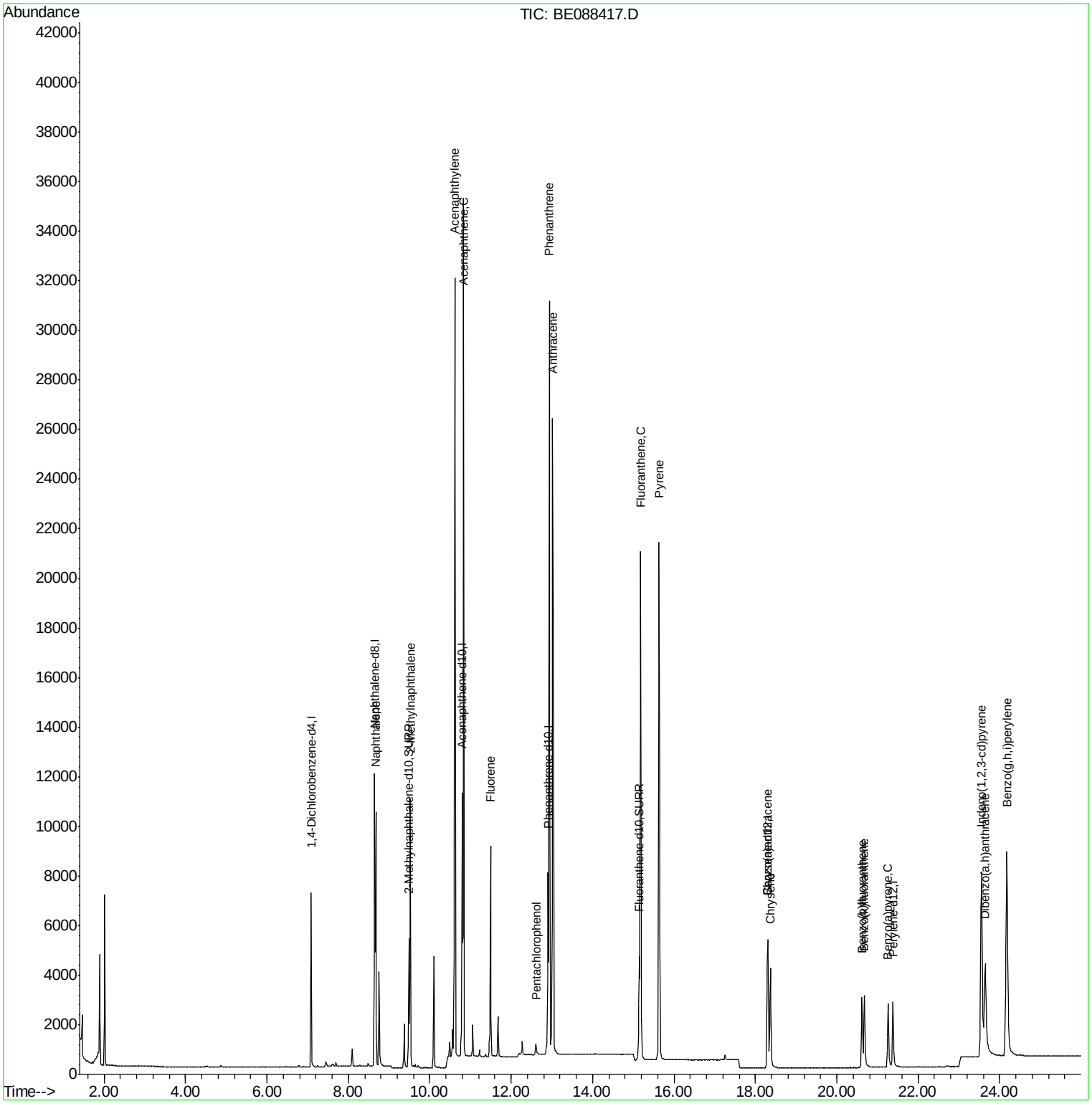
(#) = qualifier out of range (m) = manual integration (+) = signals summed

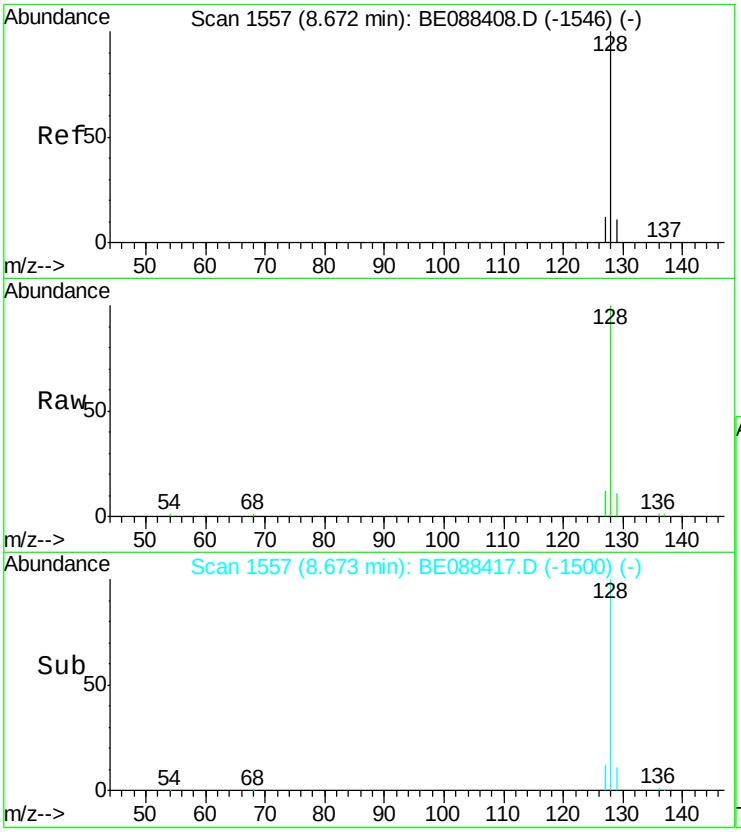
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
Data File : BE088417.D
Acq On : 31 Oct 2014 8:40
Operator : TP/JJ
Sample : SSTD0.441
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.441

Quant Time: Nov 01 00:51:47 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE103014.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 31 07:05:45 2014
Response via : Initial Calibration



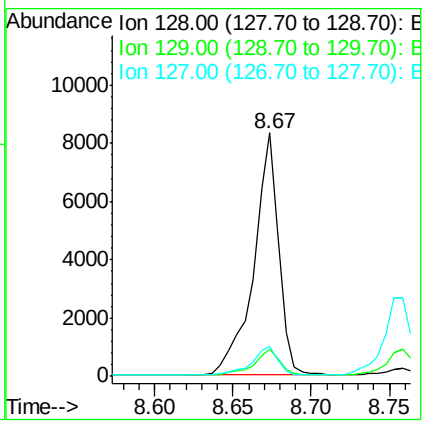


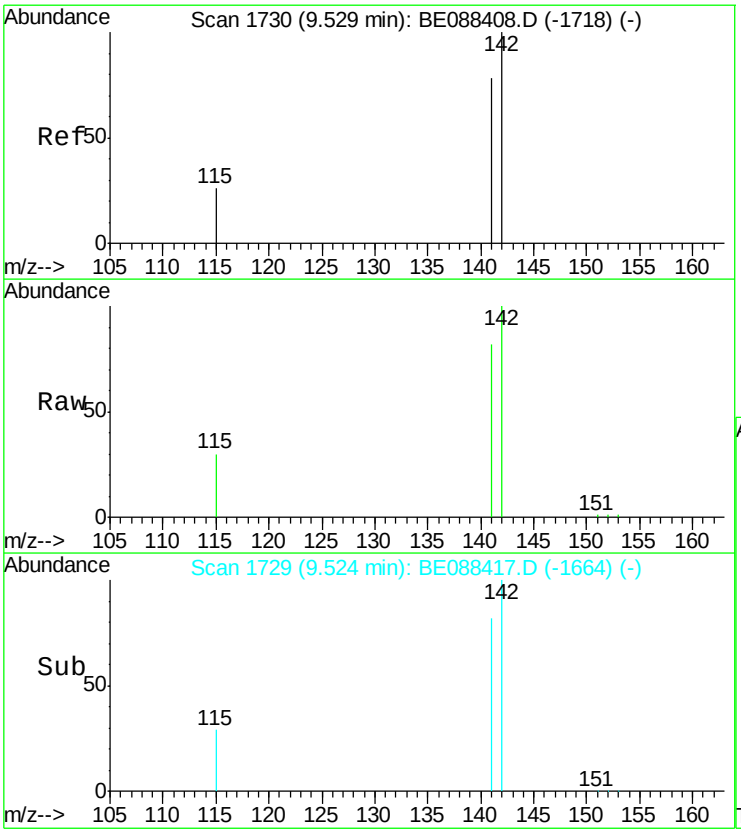
#3
Naphthalene
Concen: 0.37 ng/ul
RT: 8.67 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Instrument :
BNA_E
ClientSampleId :
SSTD0.441

Tgt Ion:128 Resp: 9353

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	12.3	10.3	15.5

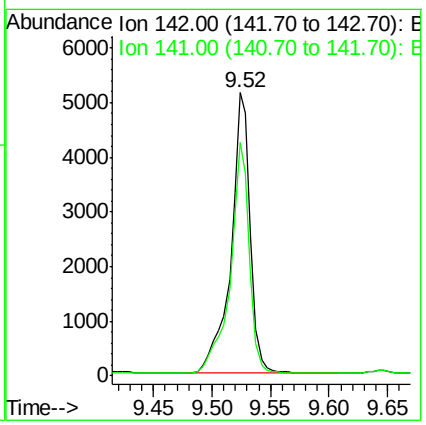


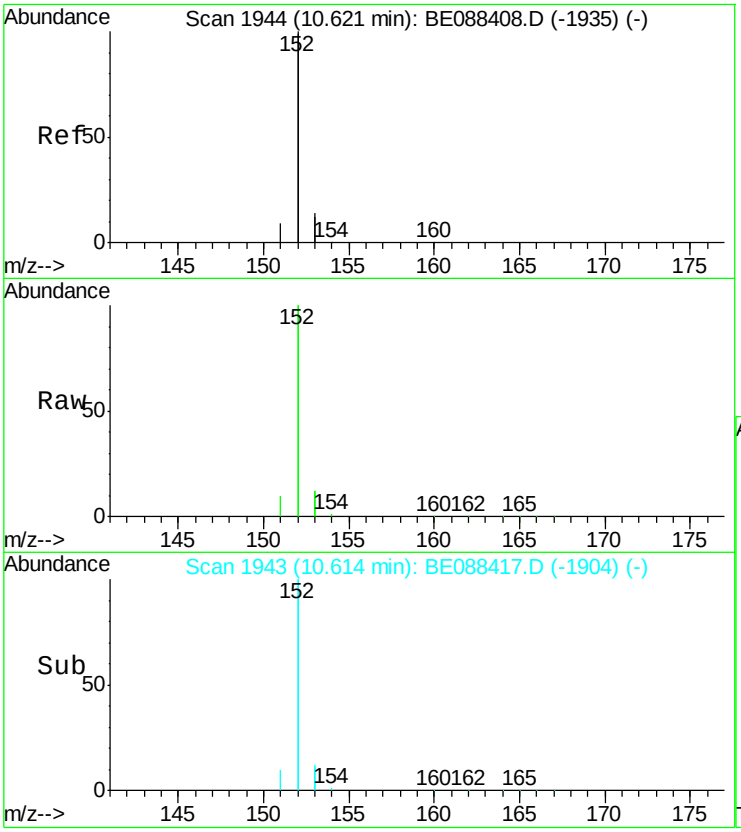


#5
2-Methylnaphthalene
Concen: 0.37 ng/ul
RT: 9.52 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Tgt Ion:142 Resp: 5912

Ion	Ratio	Lower	Upper
142	100		
141	81.5	64.6	97.0



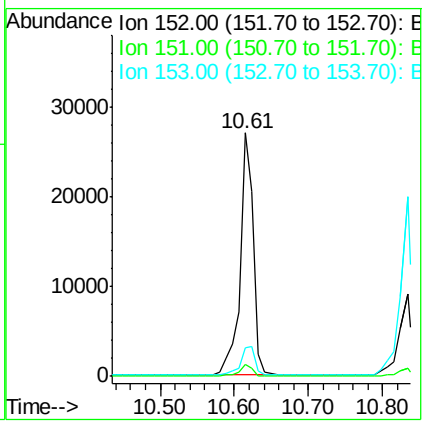


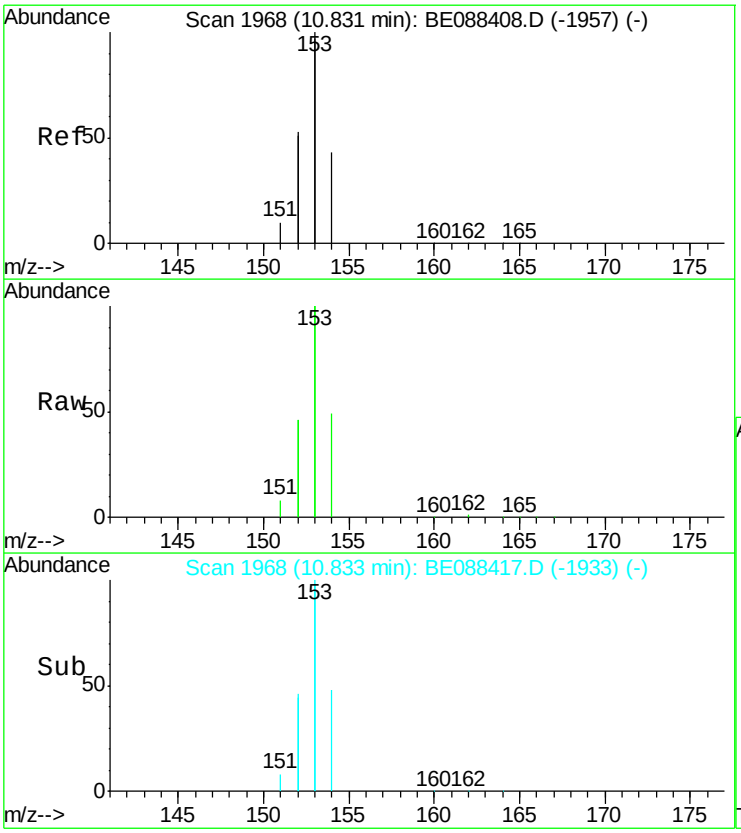
#7
Acenaphthylene
Concen: 0.38 ng/ul
RT: 10.61 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Instrument :
BNA_E
ClientSampleId :
SSTD0.441

Tgt Ion:152 Resp: 33130

Ion	Ratio	Lower	Upper
152	100		
151	5.1	3.6	5.4
153	11.8	10.9	16.3

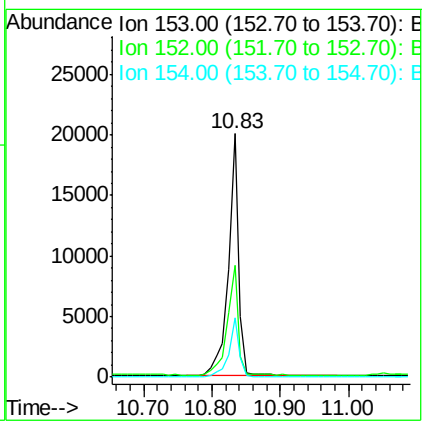


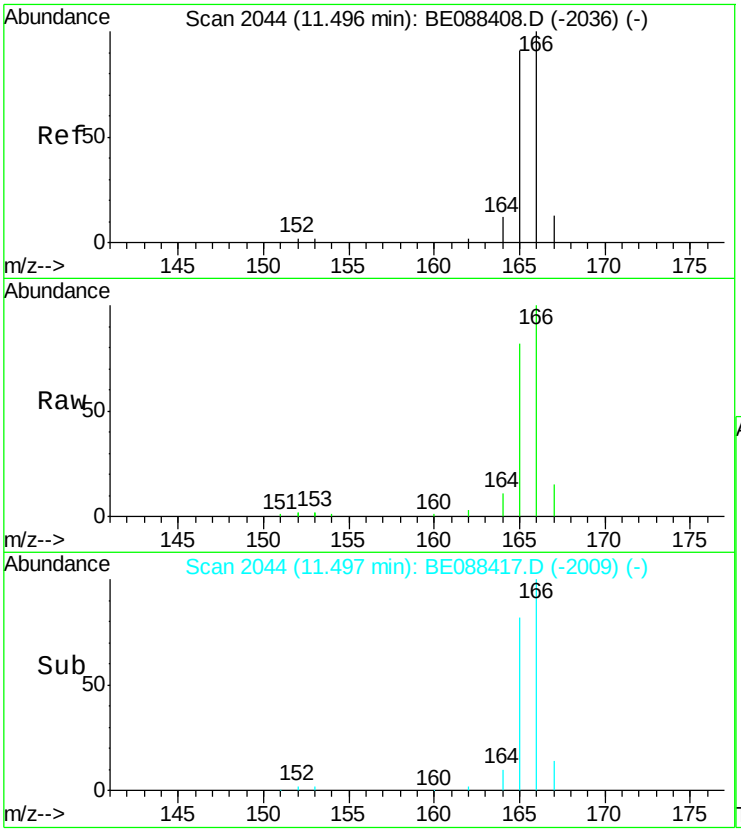


#8
Acenaphthene
Concen: 0.38 ng/ul
RT: 10.83 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Tgt Ion:153 Resp: 20384

Ion	Ratio	Lower	Upper
153	100		
152	45.9	42.7	64.1
154	24.3	17.5	26.3



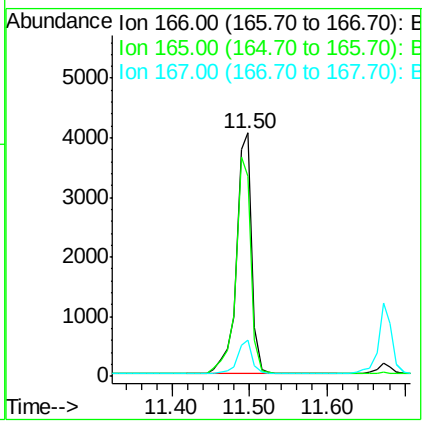


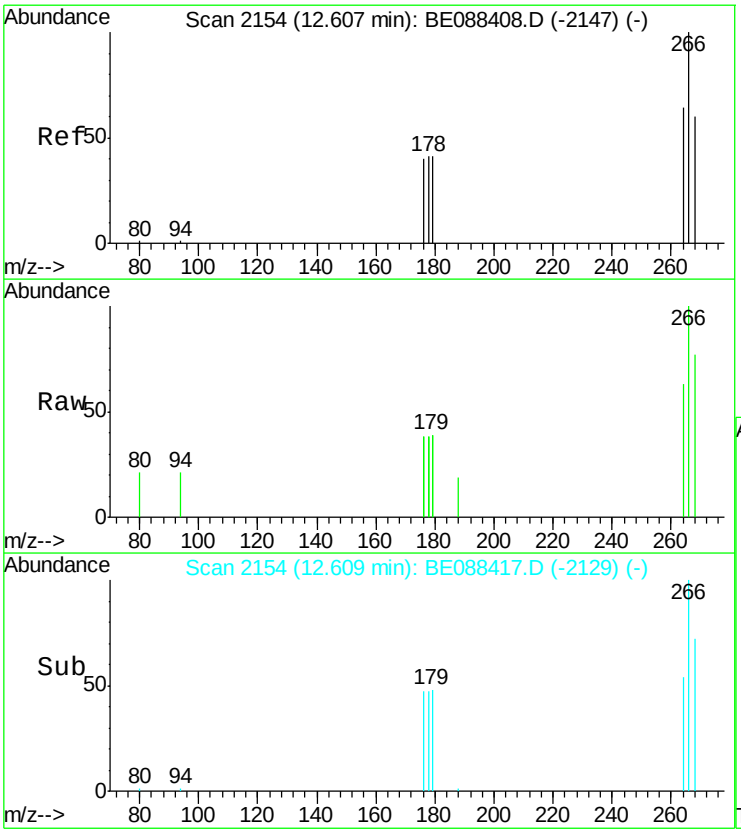
#9
Fluorene
Concen: 0.37 ng/ul
RT: 11.50 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Instrument :
BNA_E
ClientSampleId :
SSTD0.441

Tgt Ion:166 Resp: 5466

Ion	Ratio	Lower	Upper
166	100		
165	82.0	73.0	109.4
167	15.0	10.8	16.2

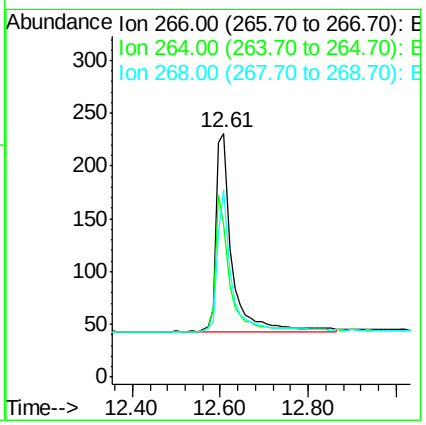


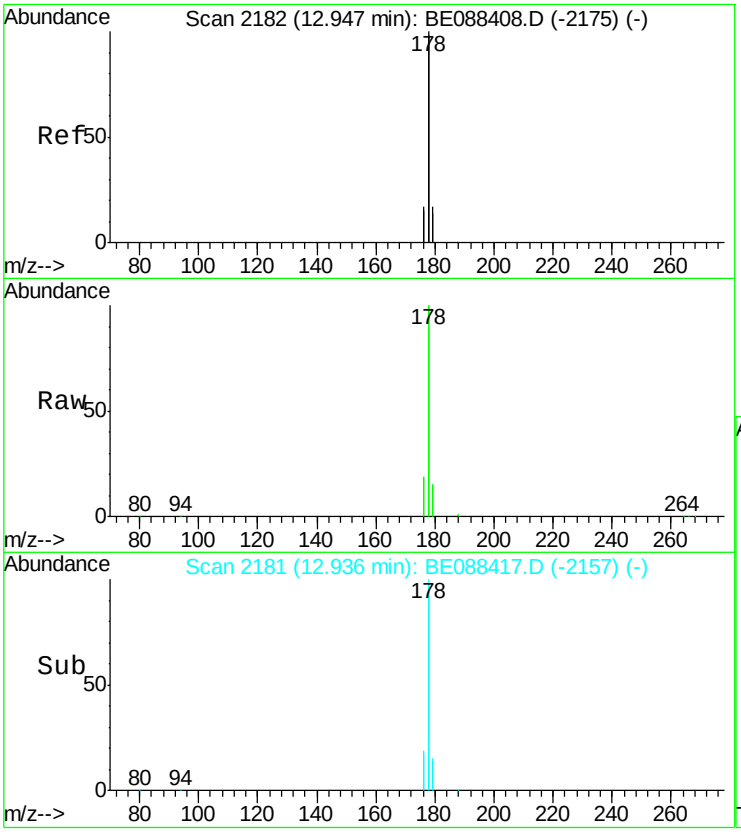


#11
Pentachlorophenol
Concen: 0.30 ng/ul
RT: 12.61 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Tgt Ion:266 Resp: 471

Ion	Ratio	Lower	Upper
266	100		
264	61.4	52.2	78.2
268	64.3	55.3	82.9



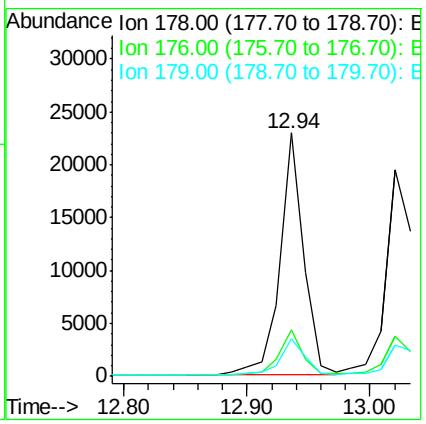


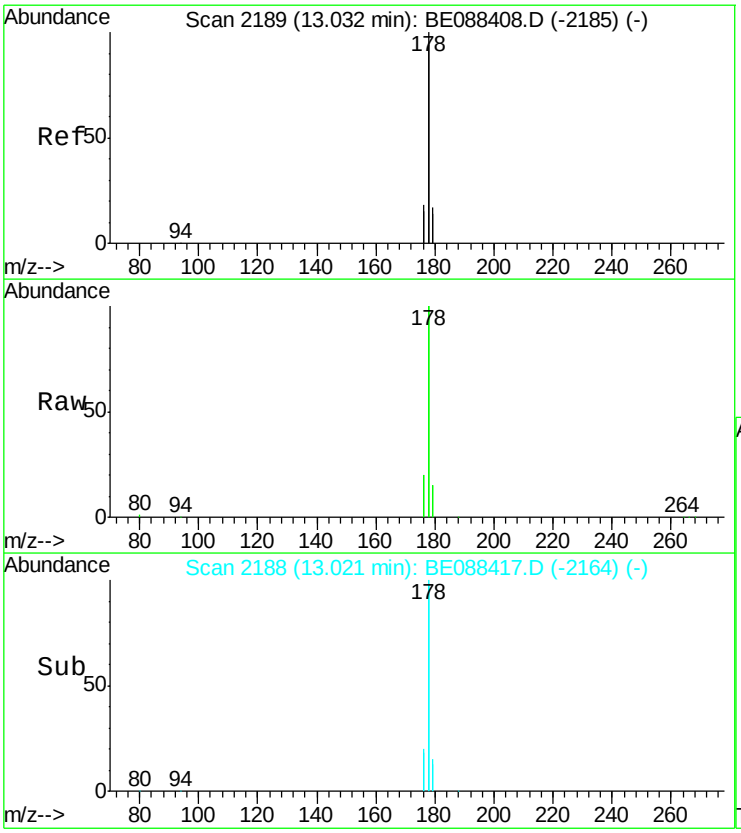
#12
Phenanthrene
Concen: 0.38 ng/ul
RT: 12.94 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Instrument :
BNA_E
ClientSampleId :
SSTD0.441

Tgt Ion:178 Resp: 30641

Ion	Ratio	Lower	Upper
178	100		
176	19.0	13.9	20.9
179	15.2	13.5	20.3

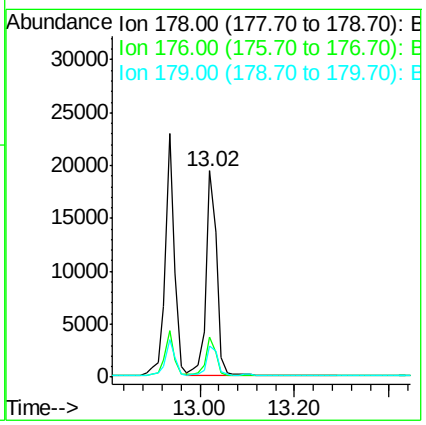


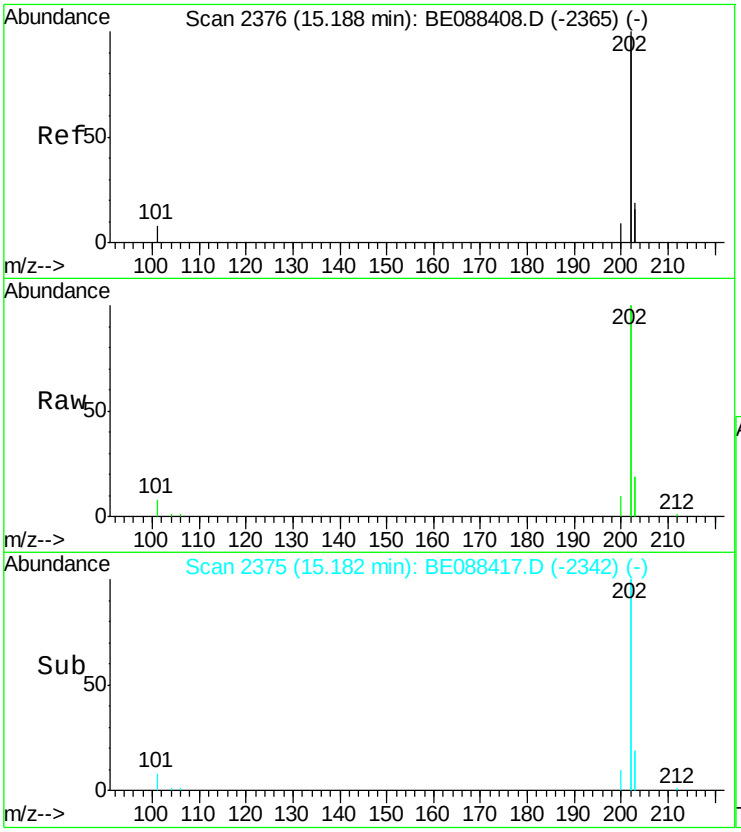


#13
Anthracene
Concen: 0.38 ng/ul
RT: 13.02 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Tgt Ion:178 Resp: 29749

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.1	21.1
179	14.8	13.3	19.9



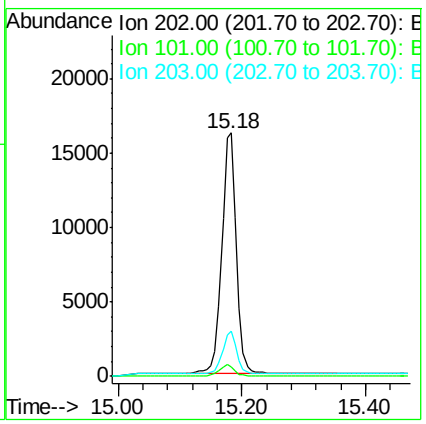


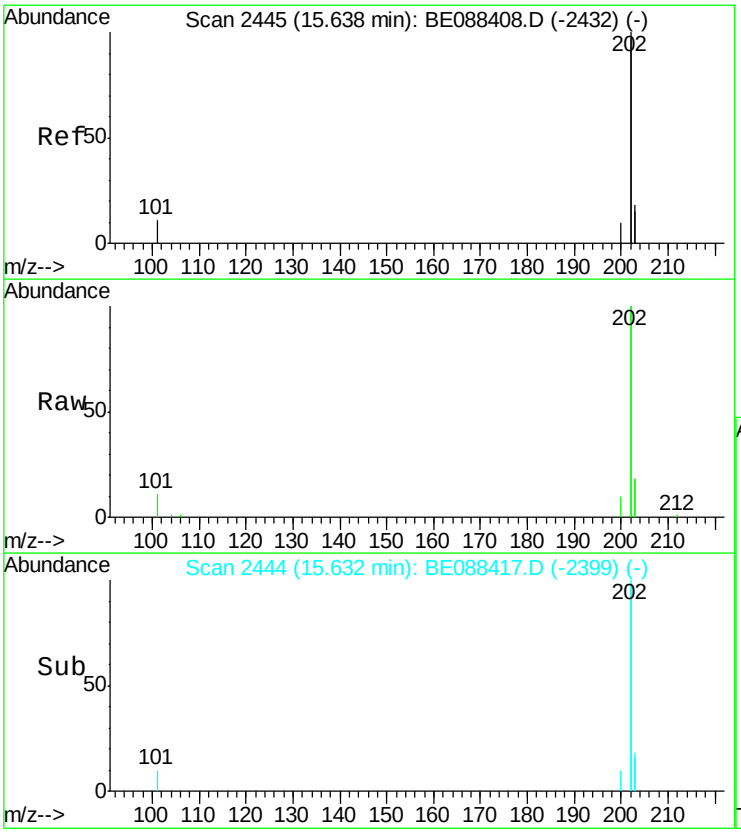
#15
Fluoranthene
Concen: 0.36 ng/ul
RT: 15.18 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Instrument :
BNA_E
ClientSampleId :
SSTD0.441

Tgt Ion:202 Resp: 26312

Ion	Ratio	Lower	Upper
202	100		
101	4.0	0.0	24.3
203	18.8	0.0	38.7

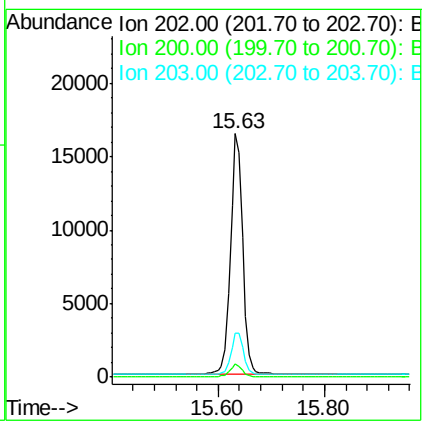


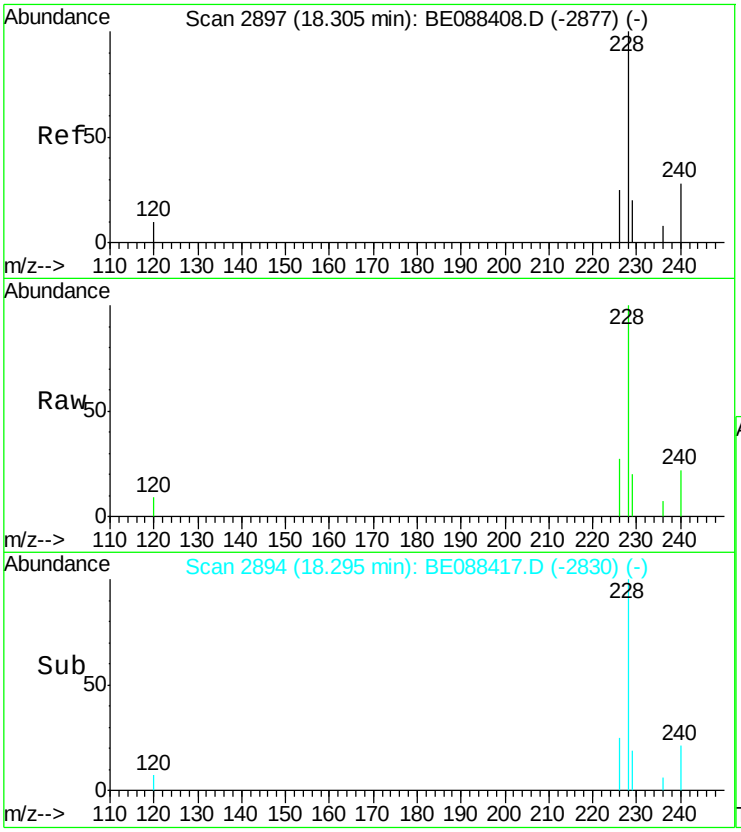


#17
Pyrene
Concen: 0.38 ng/ul
RT: 15.63 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Tgt Ion:202 Resp: 26511

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.3	6.5
203	18.1	14.4	21.6



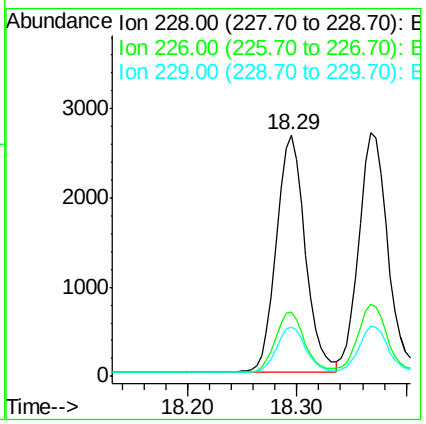


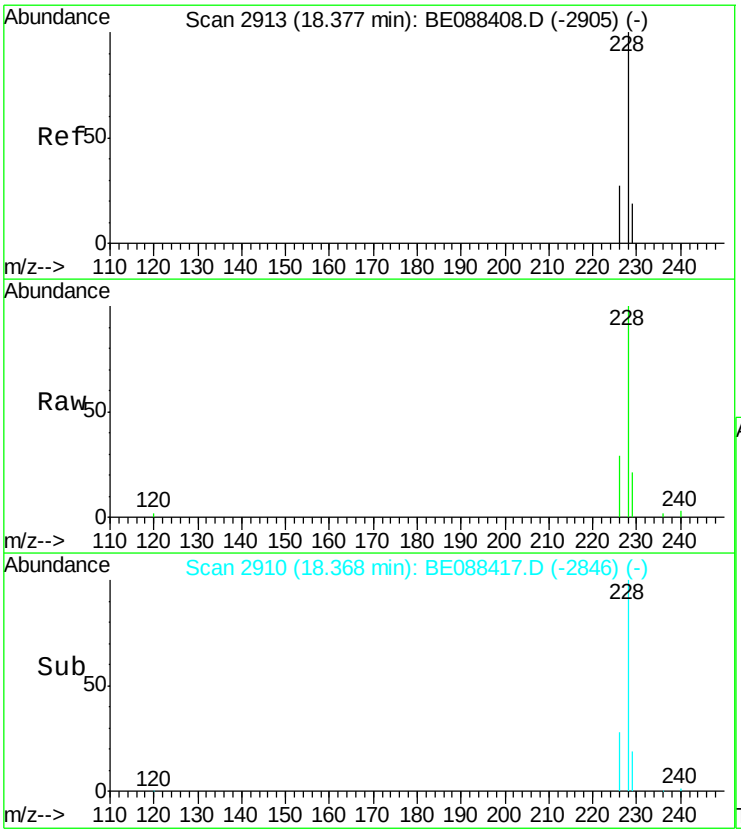
#18
Benzo(a)anthracene
Concen: 0.37 ng/ul
RT: 18.29 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Instrument :
BNA_E
ClientSampleId :
SSTD0.441

Tgt Ion:228 Resp: 4892

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.1	31.7
229	20.2	17.0	25.4

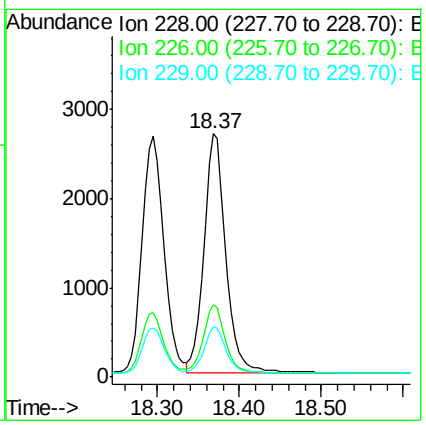


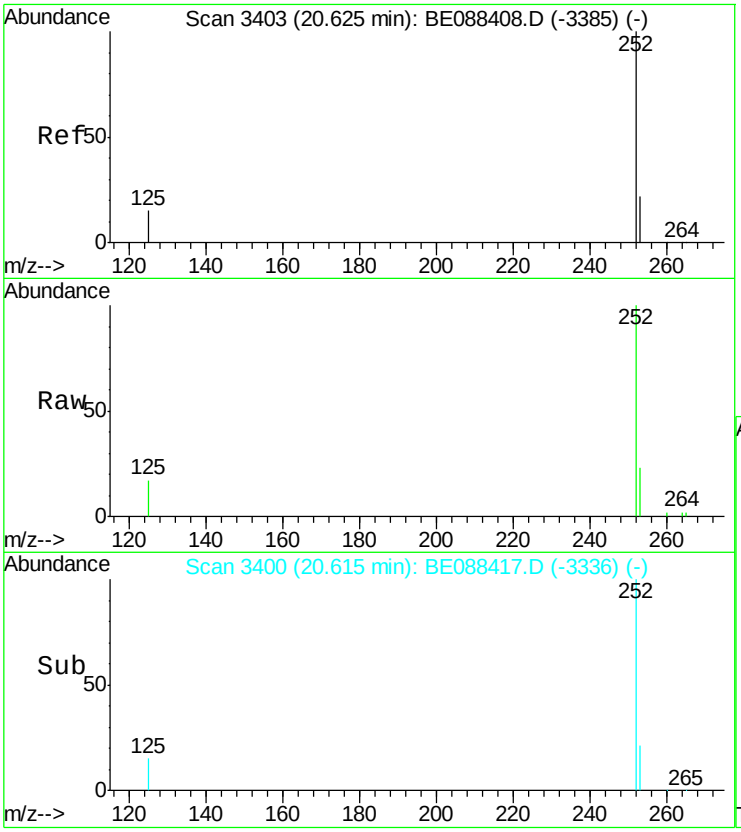


#19
Chrysene
Concen: 0.39 ng/ul
RT: 18.37 min Scan# 2910
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Tgt Ion:228 Resp: 5025

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.1	34.7
229	20.6	16.6	25.0



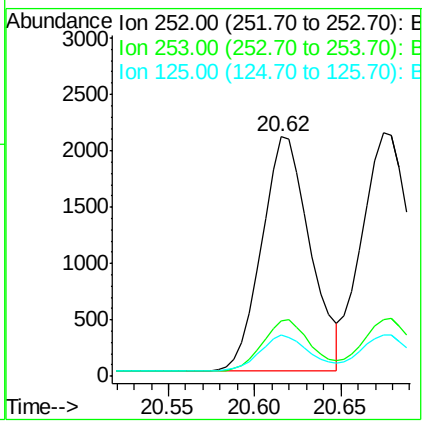


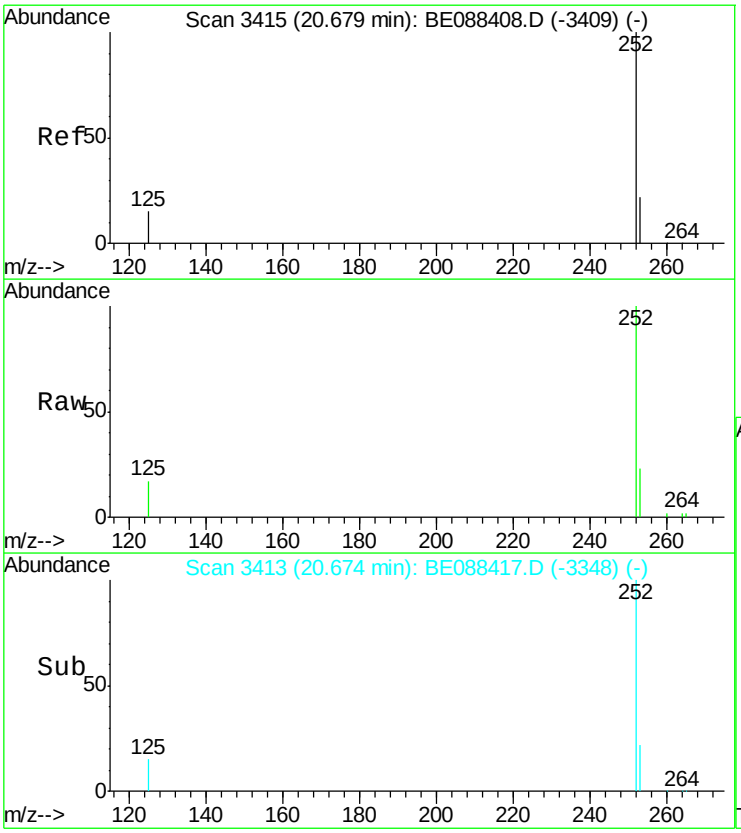
#21
Benzo(b)fluoranthene
Concen: 0.36 ng/ul
RT: 20.62 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Instrument :
BNA_E
ClientSampleId :
SSTD0.441

Tgt Ion:252 Resp: 4069

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	48.2
125	17.1	0.0	36.0

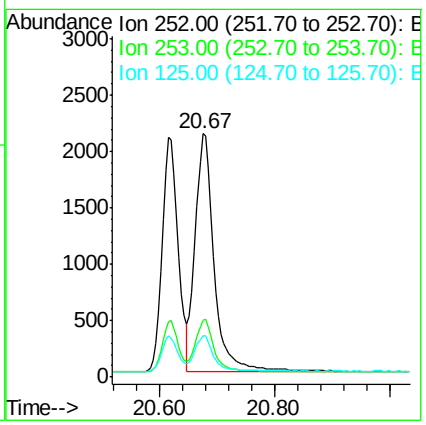


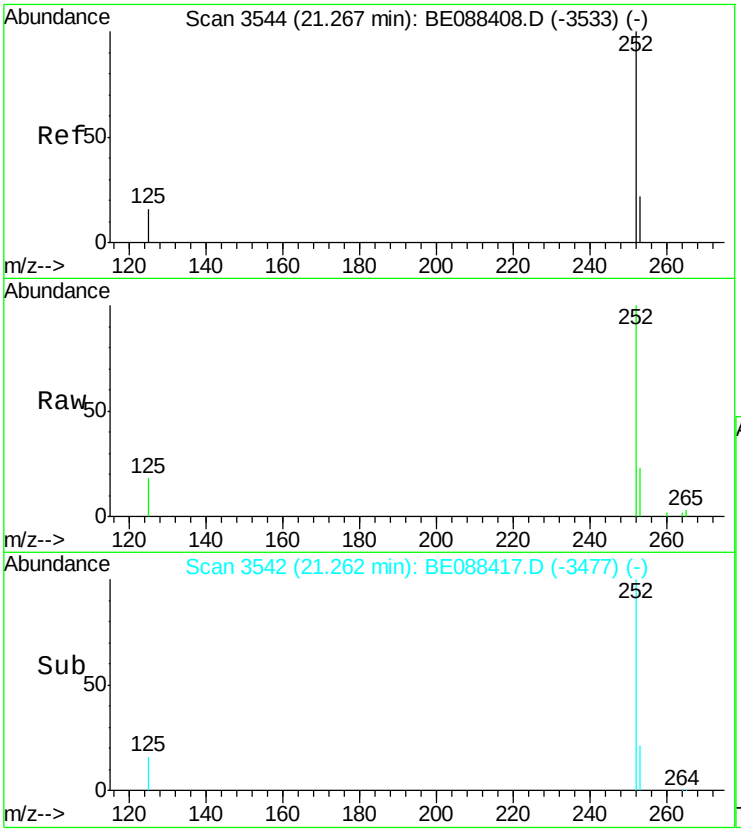


#22
Benzo(k)fluoranthene
Concen: 0.40 ng/ul
RT: 20.67 min Scan# 3413
Delta R.T. -0.00 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Tgt Ion:252 Resp: 4708

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	16.9	14.3	21.5



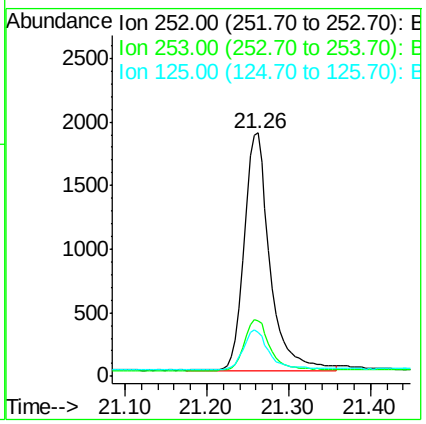


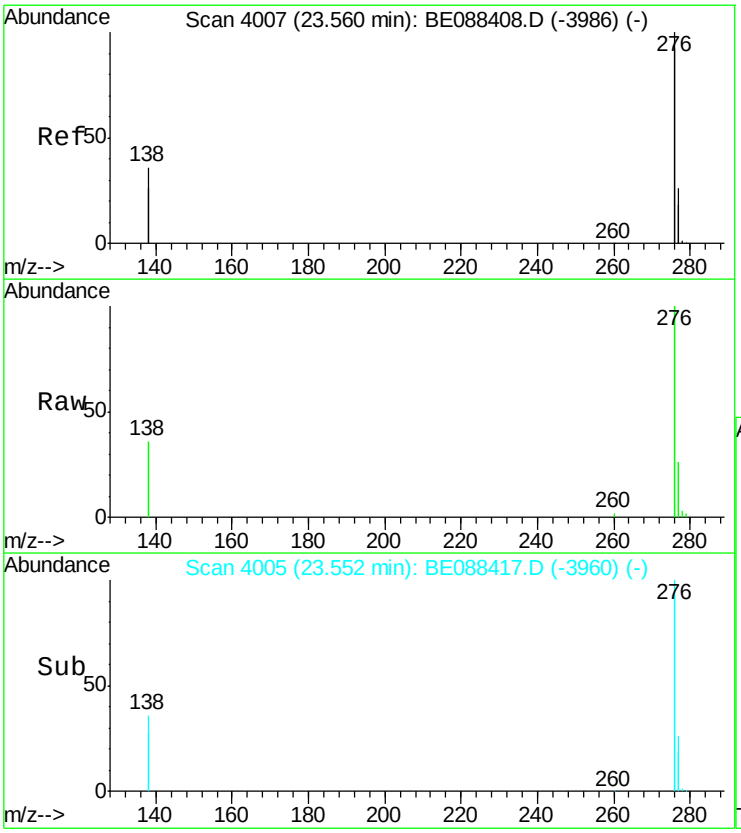
#23
Benzo(a)pyrene
Concen: 0.36 ng/ul
RT: 21.26 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Instrument :
BNA_E
ClientSampleId :
SSTD0.441

Tgt Ion:252 Resp: 4081

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.4
125	18.3	16.0	24.0

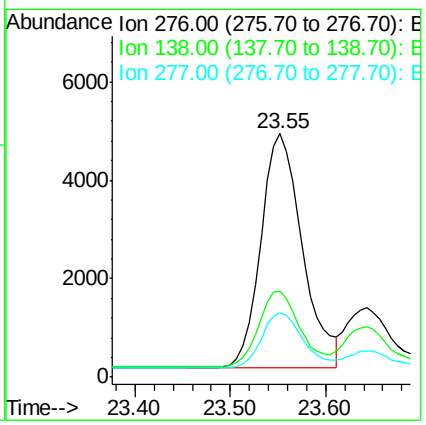


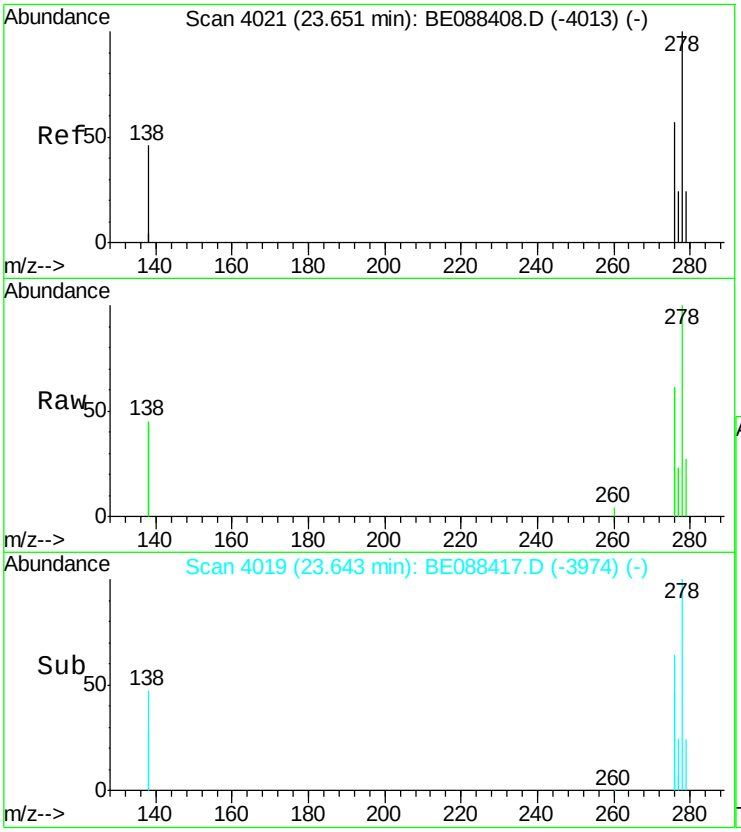


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng/ul
RT: 23.55 min Scan# 4005
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Tgt Ion:276 Resp: 14405

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.4	38.0
277	23.4	18.6	28.0



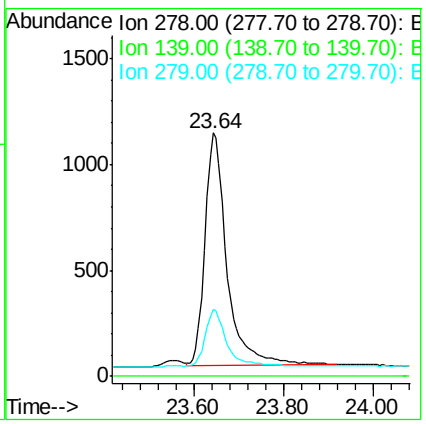


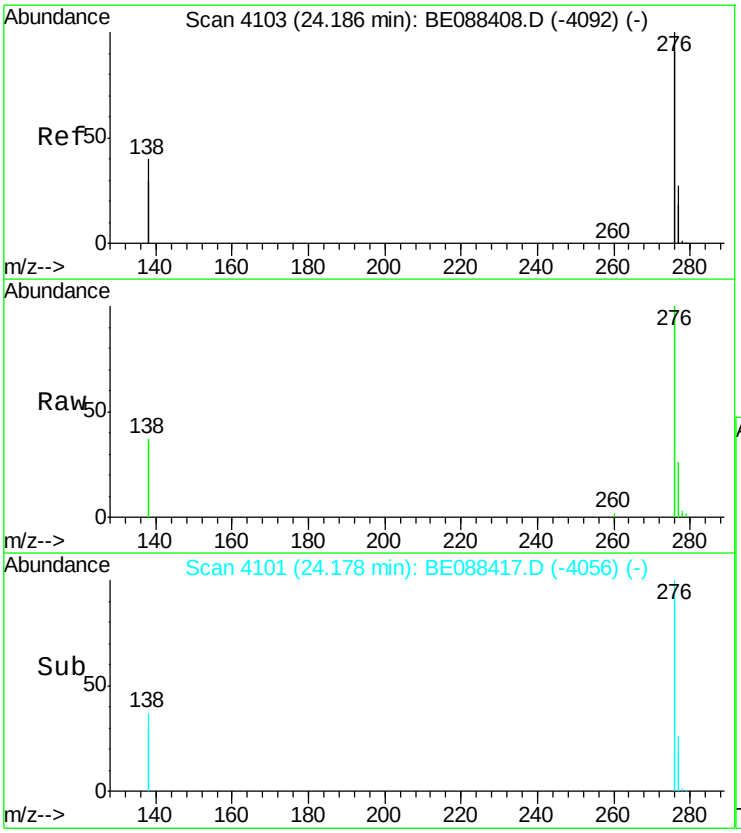
#25
Dibenzo(a,h)anthracene
Concen: 0.37 ng/ul
RT: 23.64 min Scan# 4019
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Instrument :
BNA_E
ClientSampleId :
SSTD0.441

Tgt Ion:278 Resp: 3753

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	27.3	22.2	33.2





#26
Benzo(g,h,i)perylene
Concen: 0.39 ng/ul
RT: 24.18 min Scan# 4101
Delta R.T. -0.01 min
Lab File: BE088417.D
Acq: 31 Oct 2014 8:40

Tgt Ion:276 Resp: 16767

Ion	Ratio	Lower	Upper
276	100		
277	26.1	21.4	32.2
138	37.2	31.9	47.9