Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095160.D
Acq On : 27 Jan 2018 11:01
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTD0.412

Quant Time: Jan 27 22:37:01 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 03:18:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2690	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	8104	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5083	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	11215	0.40	ng/ul	0.02
16) Chrysene-d12	21.81	240	12357	0.40	ng/ul	0.00
20) Perylene-d12	24.45	264	11796	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	5654	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	16798	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.32	128	9040	0.398	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	6486	0.428	ng/ul	100
7) Acenaphthylene	14.74	152	10615	0.434	ng/ul	97
8) Acenaphthene	15.08	153	7532	0.397	ng/ul	96
9) Fluorene	16.05	166	7846	0.401	ng/ul	89
11) Pentachlorophenol	17.36	266	1211	0.557	ng/ul	94
12) Phenanthrene	17.75	178	14670	0.389	ng/ul#	85
13) Anthracene	17.85	178	15524	0.450	ng/ul#	90
15) Fluoranthene	19.73	202	18439	0.378	ng/ul	84
17) Pyrene	20.08	202	20772	0.501	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	16940	0.438	ng/ul#	87
19) Chrysene	21.85	228	16008	0.399	ng/ul	94
21) Benzo(b)fluoranthene	23.63	252	16065	0.386	ng/ul	86
22) Benzo(k)fluoranthene	23.68	252	15104	0.397	ng/ul#	84
23) Benzo(a)pyrene	24.32	252	14988	0.403	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.25	276	16674	0.409	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.28	278	13713	0.411	ng/ul#	87
26) Benzo(g,h,i)perylene	28.13	276	14191	0.411	ng/ul	94

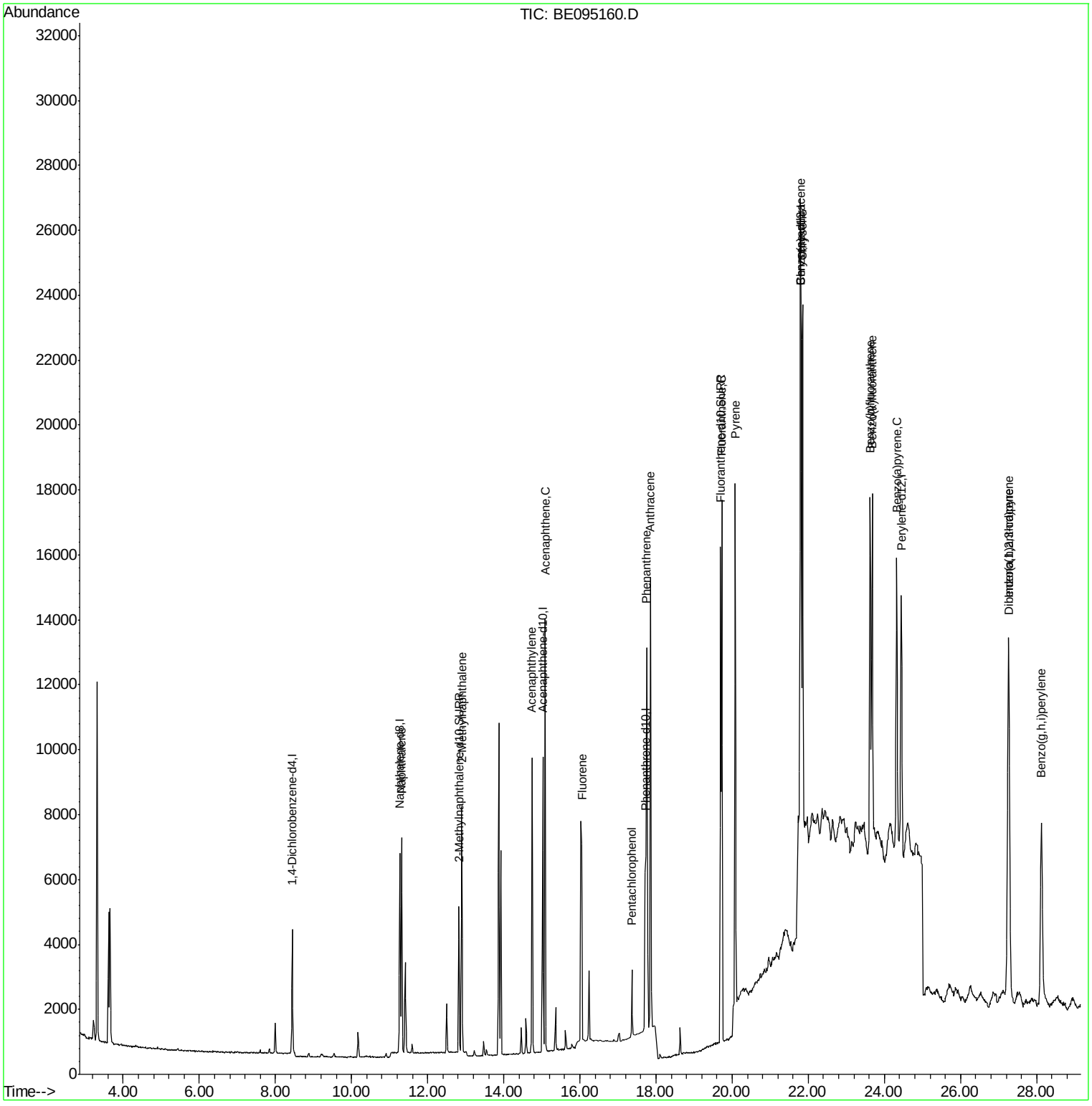
(#) = qualifier out of range (m) = manual integration (+) = signals summed

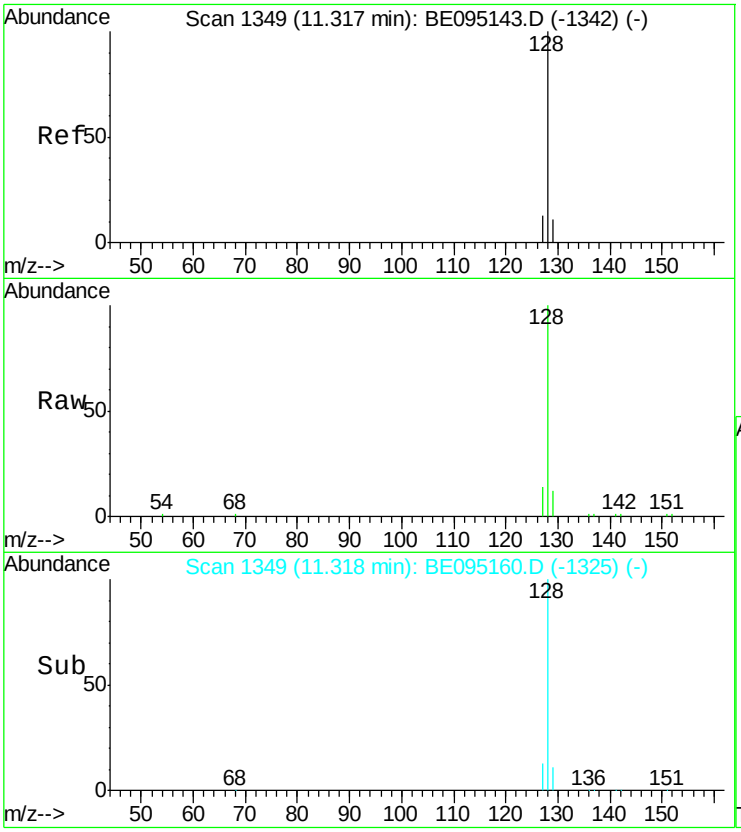
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095160.D
Acq On : 27 Jan 2018 11:01
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.412

Quant Time: Jan 27 22:37:01 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 03:18:43 2018
Response via : Initial Calibration



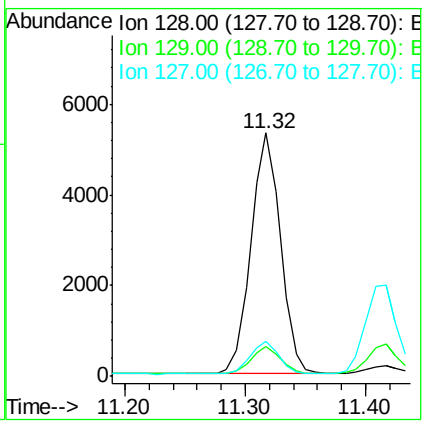


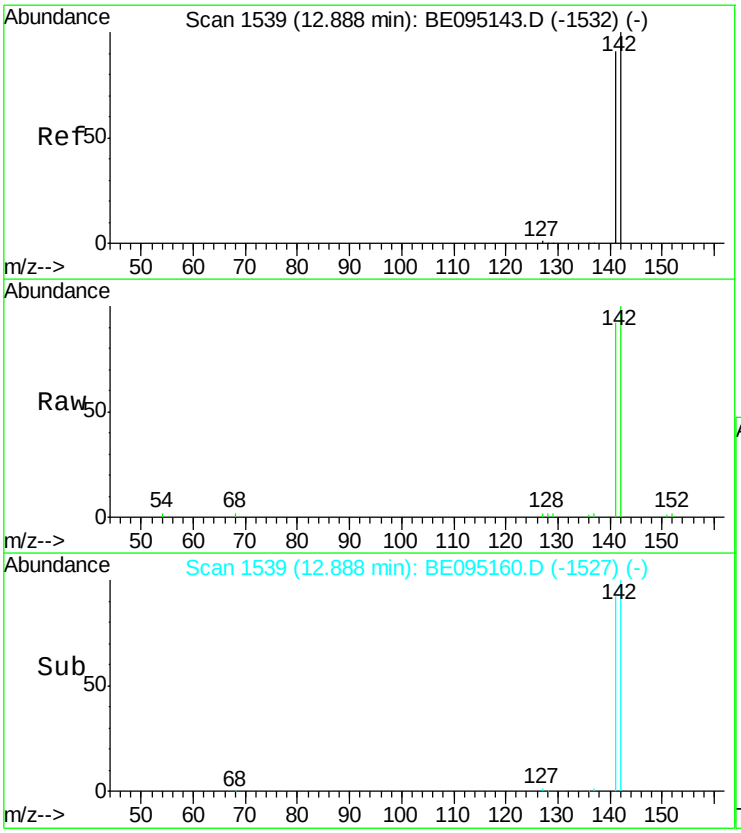
#3
Naphthalene
Concen: 0.398 ng/ul
RT: 11.32 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Instrument :
BNA_E
ClientSampleId :
SSTD0.412

Tgt Ion:128 Resp: 9040

Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.3	16.9
127	14.3	4.0	6.0#

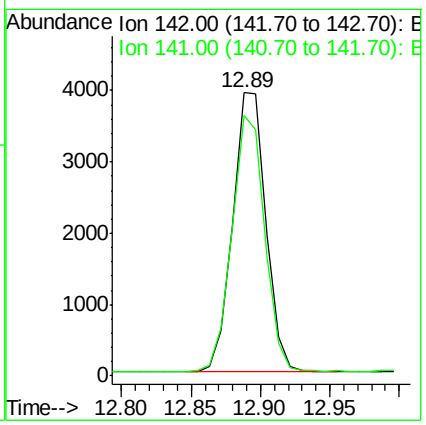


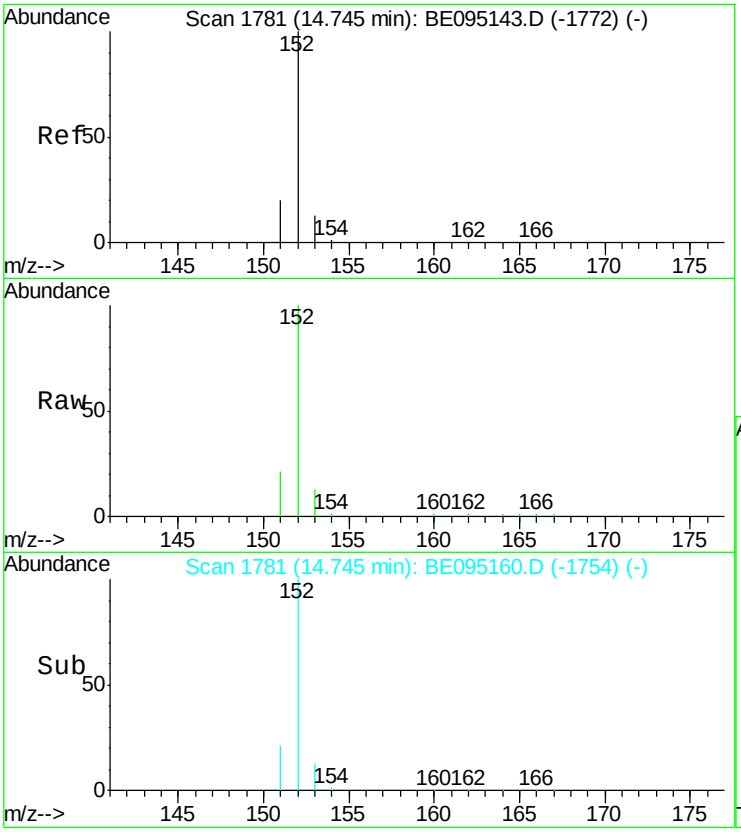


#5
2-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Tgt Ion:142 Resp: 6486

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	108.8



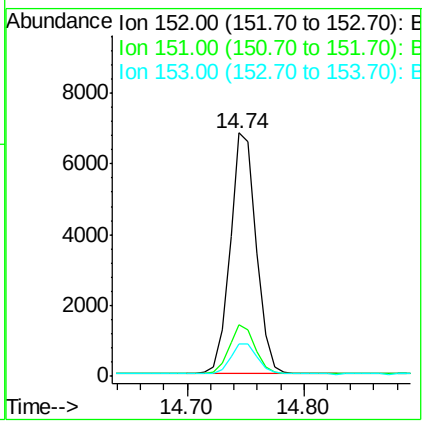


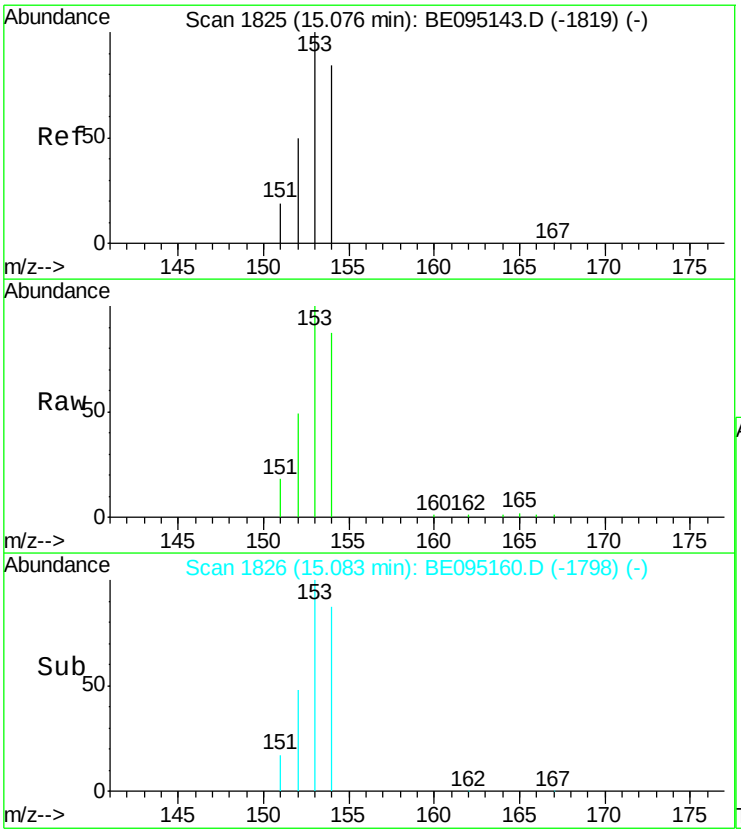
#7
Acenaphthylene
Concen: 0.434 ng/ul
RT: 14.74 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Instrument :
BNA_E
ClientSampleId :
SSTD0.412

Tgt Ion:152 Resp: 10615

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.1	25.7
153	13.4	12.8	19.2

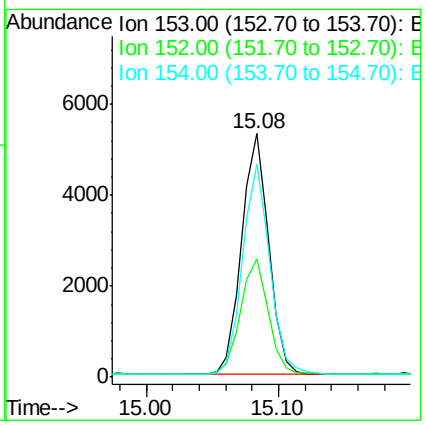


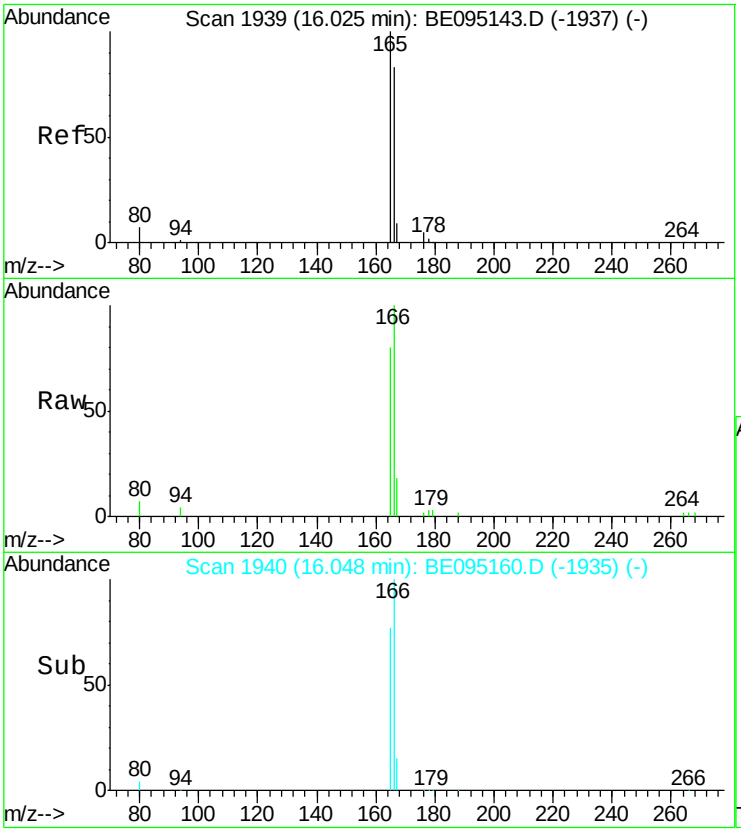


#8
Acenaphthene
Concen: 0.397 ng/ul
RT: 15.08 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Tgt Ion:153 Resp: 7532

Ion	Ratio	Lower	Upper
153	100		
152	48.8	36.0	54.0
154	87.3	72.0	108.0



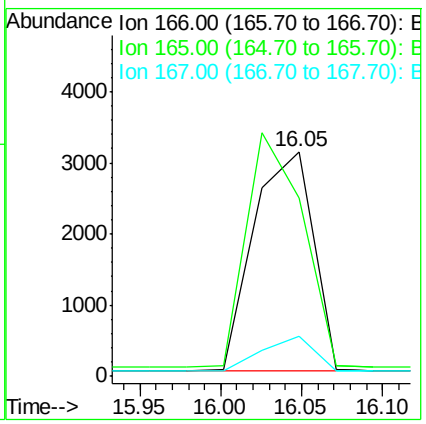


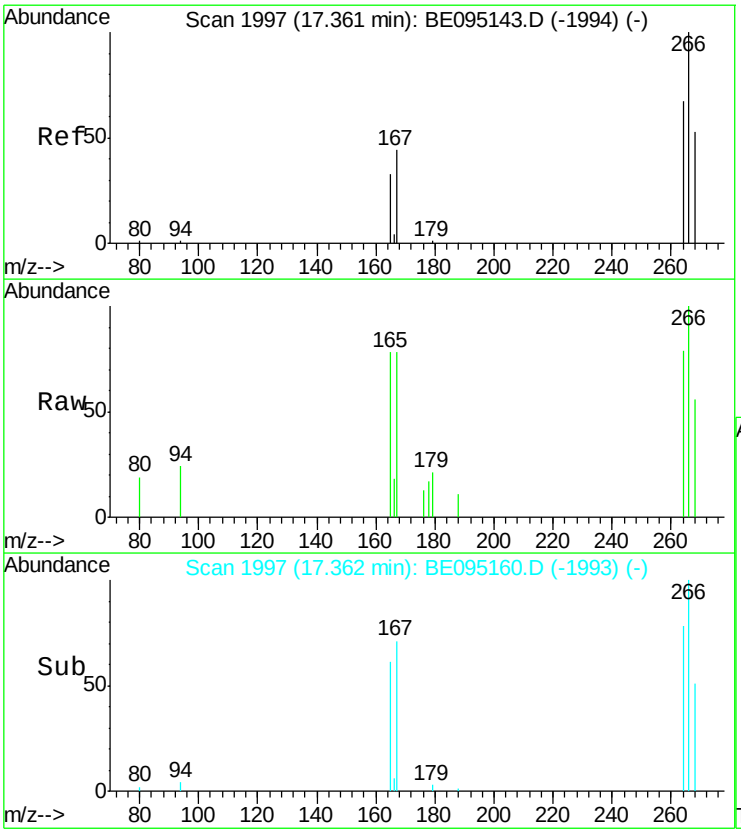
#9
Fluorene
Concen: 0.401 ng/ul
RT: 16.05 min Scan# 1940
Delta R.T. 0.02 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Instrument :
BNA_E
ClientSampleId :
SSTD0.412

Tgt Ion:166 Resp: 7846

Ion	Ratio	Lower	Upper
166	100		
165	79.7	73.4	110.2
167	17.6	14.6	22.0

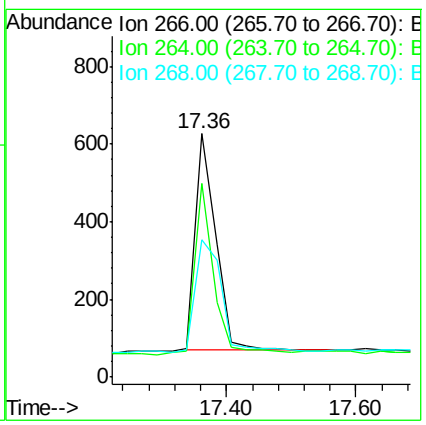


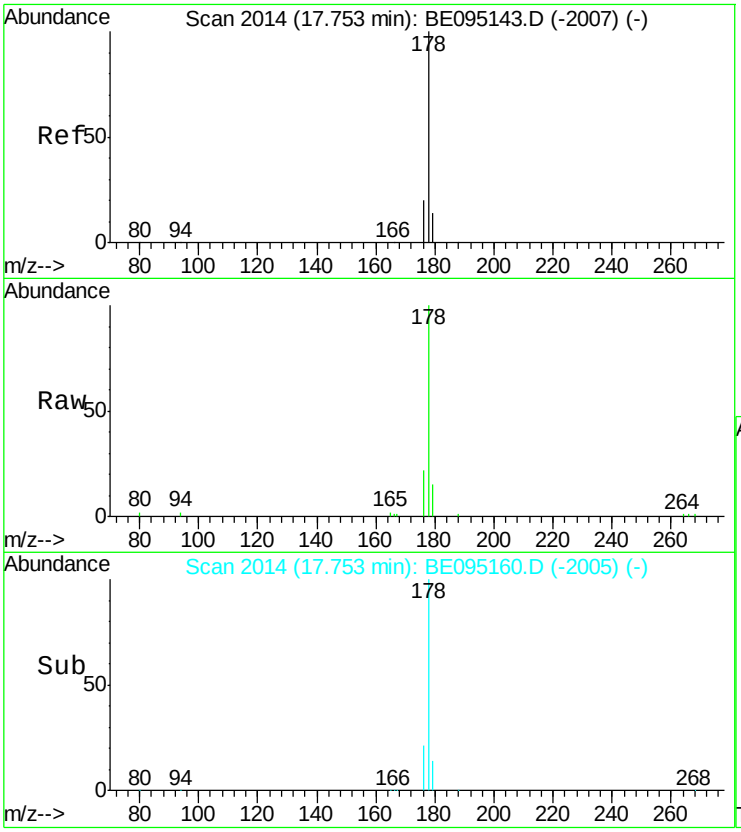


#11
Pentachlorophenol
Concen: 0.557 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Tgt Ion:266 Resp: 1211

Ion	Ratio	Lower	Upper
266	100		
264	68.0	47.9	71.9
268	63.9	49.8	74.8



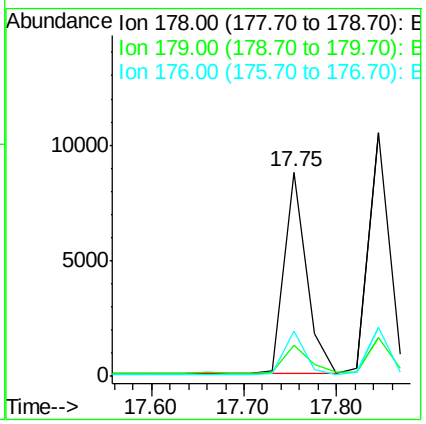


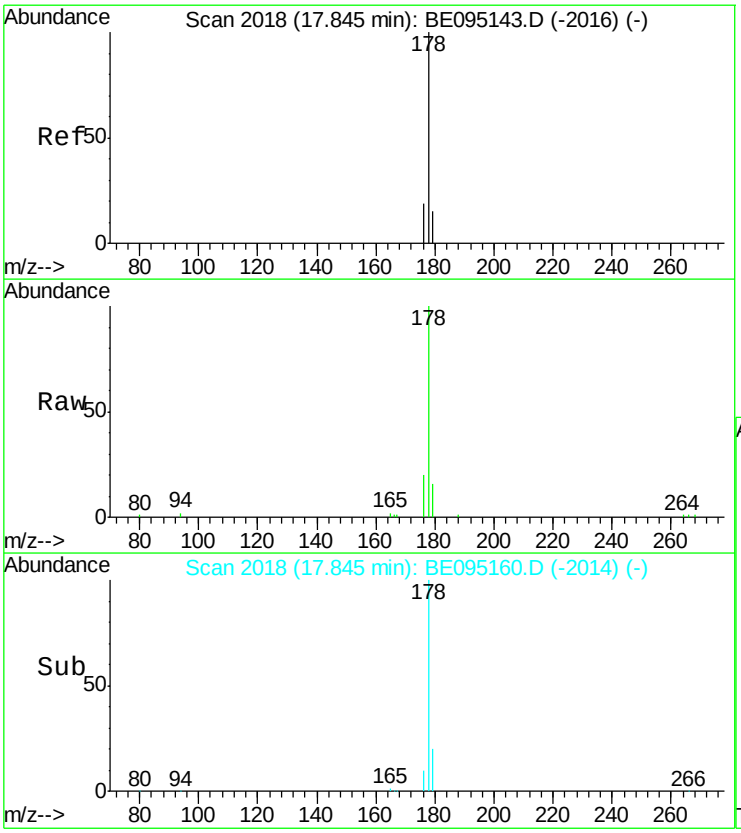
#12
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Instrument :
BNA_E
ClientSampleId :
SSTD0.412

Tgt Ion:178 Resp: 14670

Ion	Ratio	Lower	Upper
178	100		
179	15.0	18.4	27.6#
176	22.1	13.6	20.4#

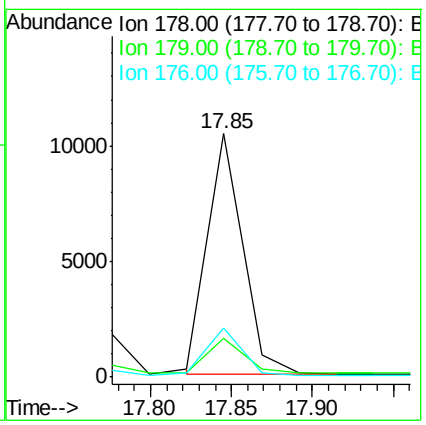


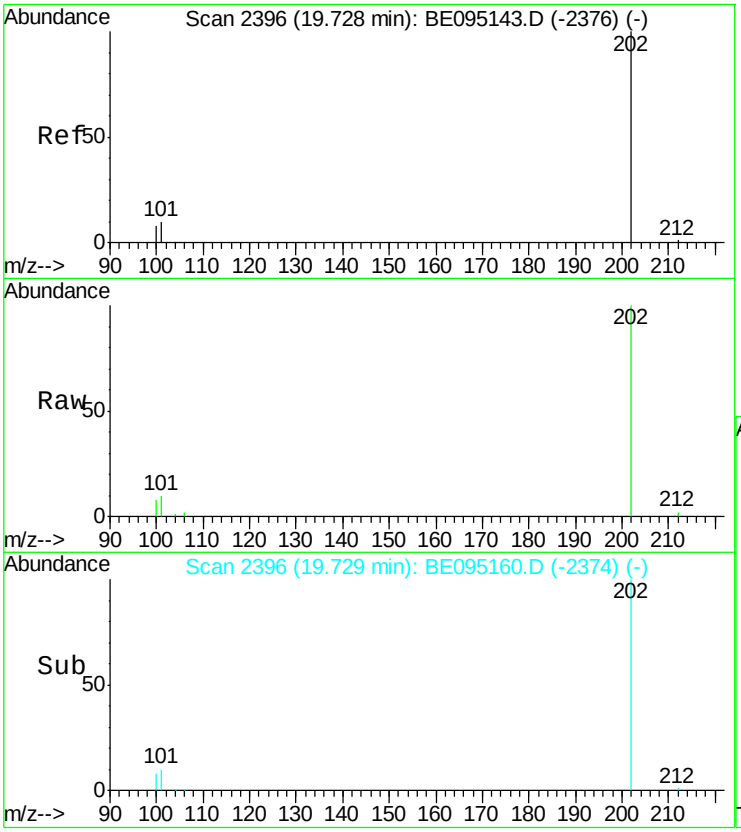


#13
Anthracene
Concen: 0.450 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Tgt Ion:178 Resp: 15524

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.1	27.1#
176	20.2	14.7	22.1



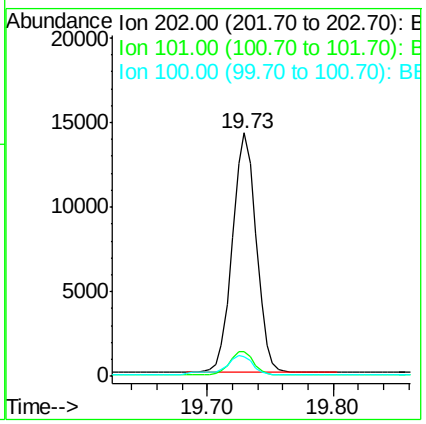


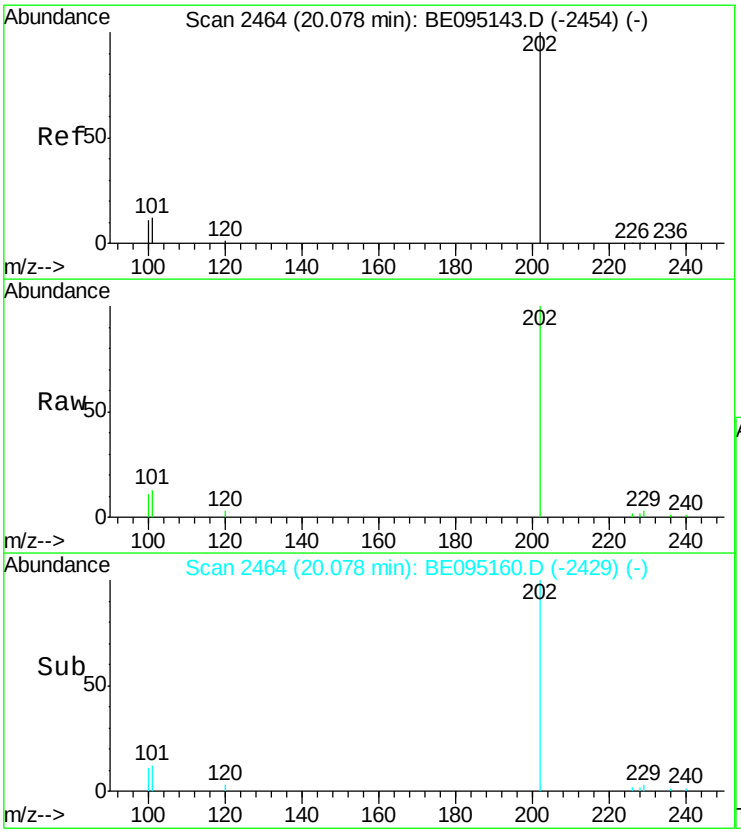
#15
Fluoranthene
Concen: 0.378 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Instrument :
BNA_E
ClientSampleId :
SSTD0.412

Tgt Ion:202 Resp: 18439

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
100	8.1	0.0	39.5

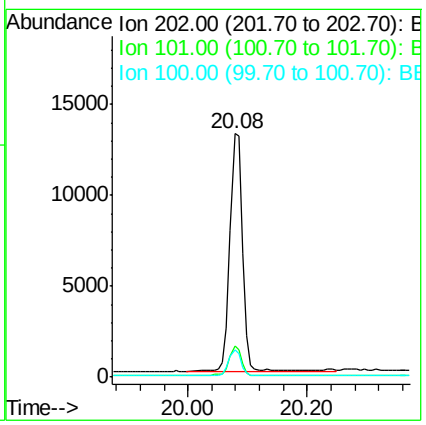


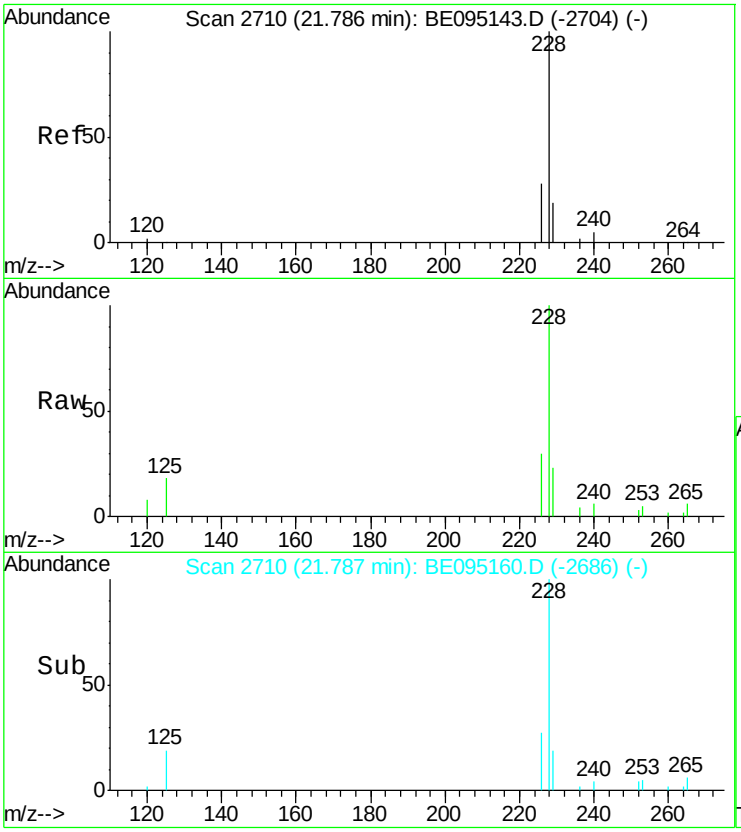


#17
Pyrene
Concen: 0.501 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Tgt Ion:202 Resp: 20772

Ion	Ratio	Lower	Upper
202	100		
101	12.7	18.2	27.4#
100	11.2	15.6	23.4#



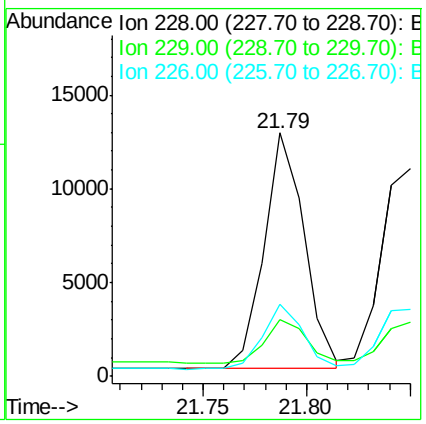


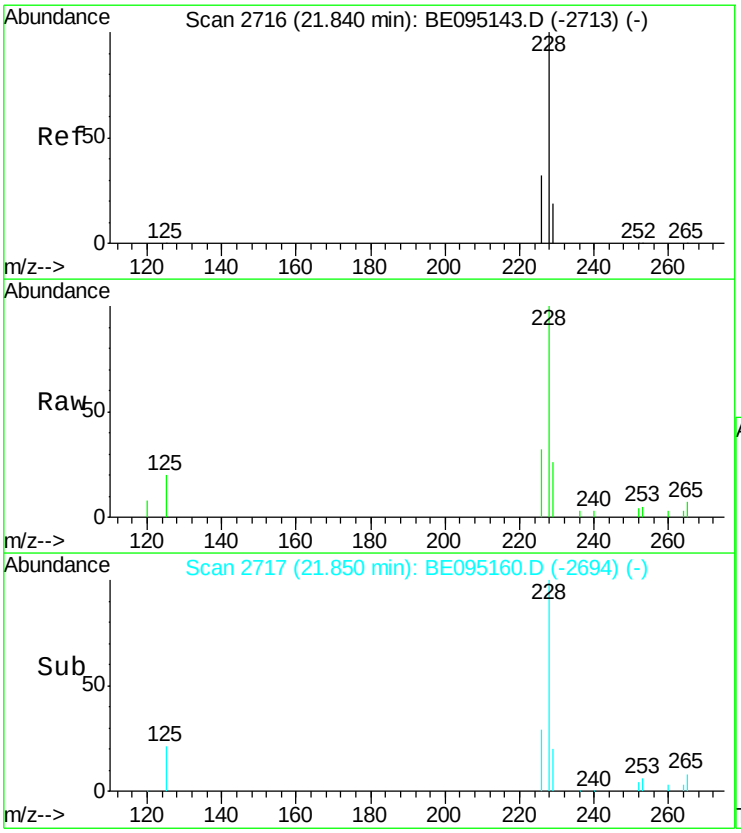
#18
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Instrument :
BNA_E
ClientSampleId :
SSTD0.412

Tgt Ion:228 Resp: 16940

Ion	Ratio	Lower	Upper
228	100		
229	23.3	22.8	34.2
226	29.6	17.0	25.6#

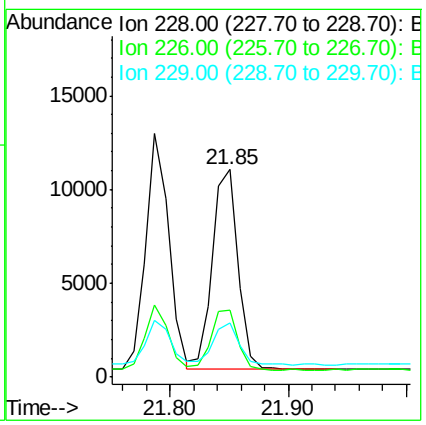


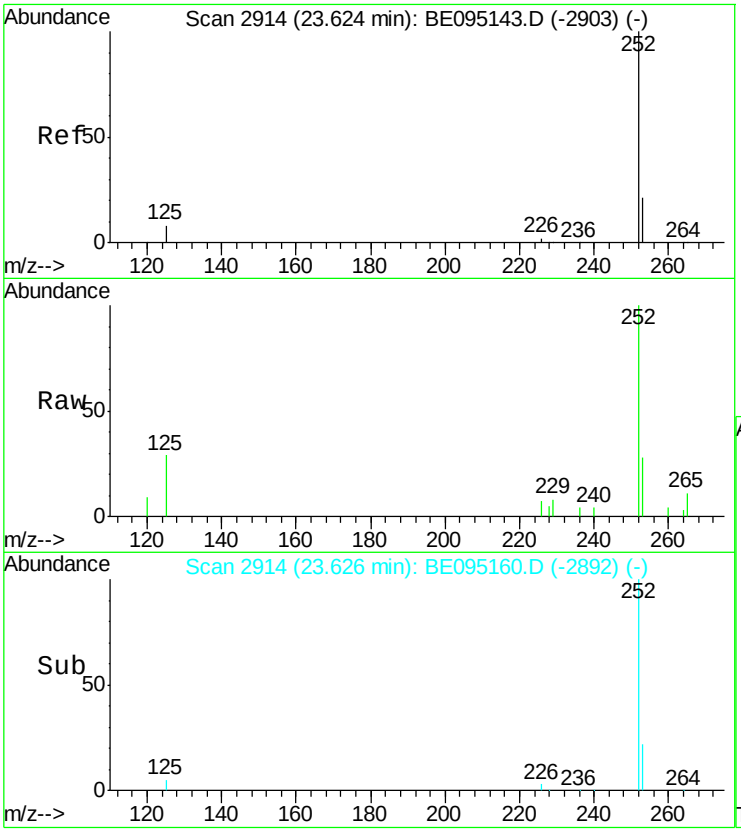


#19
Chrysene
Concen: 0.399 ng/ul
RT: 21.85 min Scan# 2717
Delta R.T. 0.01 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Tgt Ion:228 Resp: 16008

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.4	35.0
229	25.8	17.7	26.5



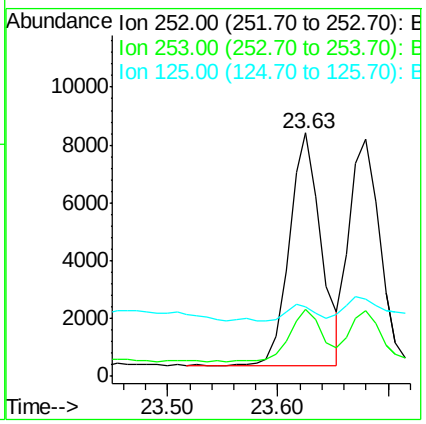


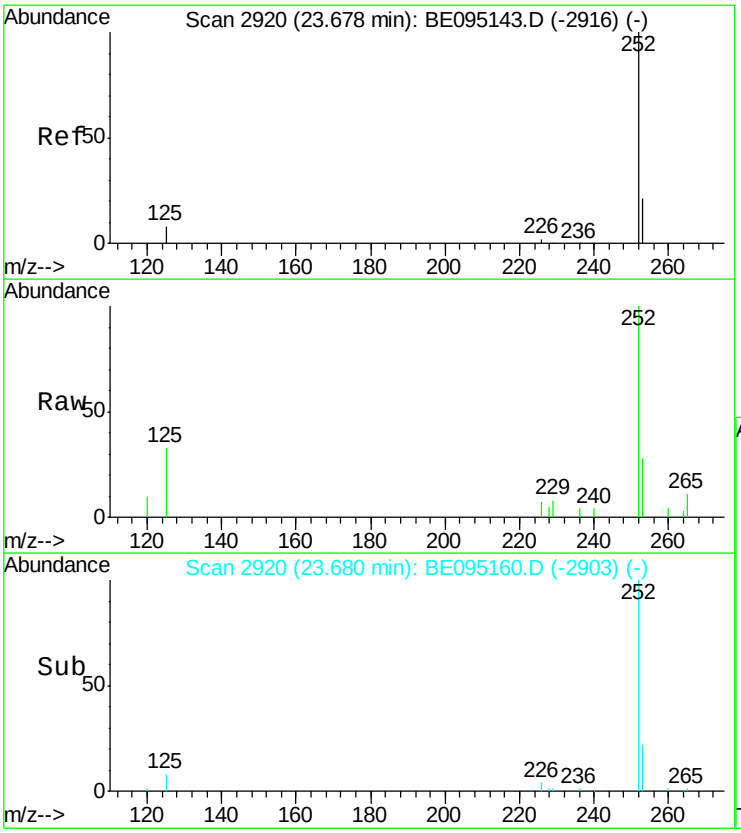
#21
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 23.63 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Instrument :
BNA_E
ClientSampleId :
SSTD0.412

Tgt Ion:252 Resp: 16065

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	64.2
125	28.7	0.0	35.0

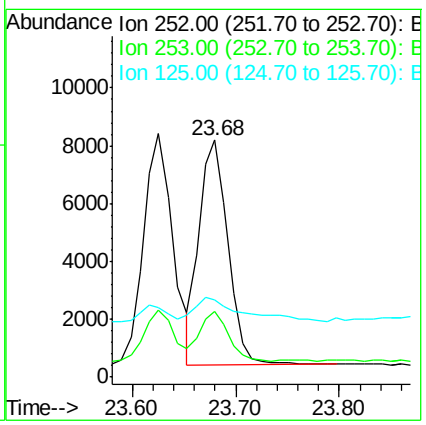


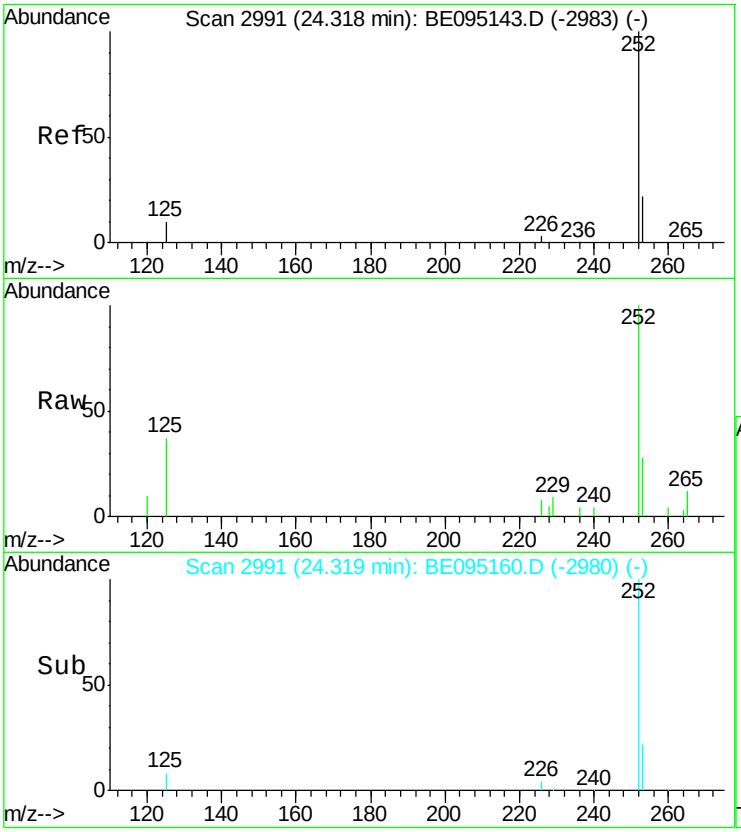


#22
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.68 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Tgt Ion:252 Resp: 15104

Ion	Ratio	Lower	Upper
252	100		
253	27.8	24.5	36.7
125	32.7	13.7	20.5#



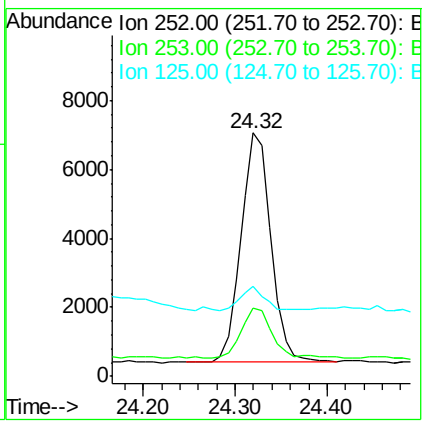


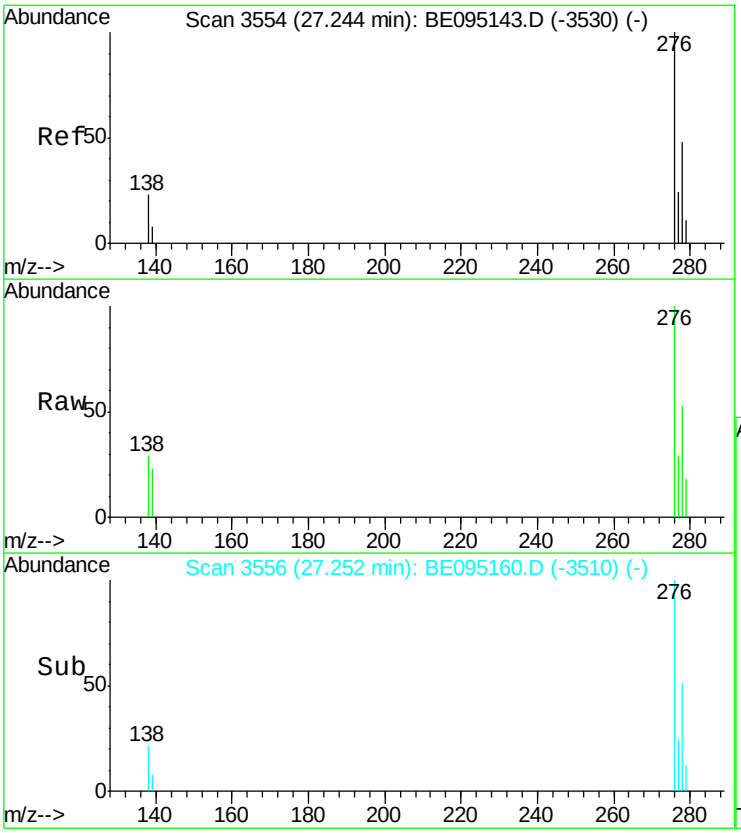
#23
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 24.32 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Instrument :
BNA_E
ClientSampleId :
SSTD0.412

Tgt Ion:252 Resp: 14988

Ion	Ratio	Lower	Upper
252	100		
253	27.9	28.5	42.7#
125	36.7	18.1	27.1#

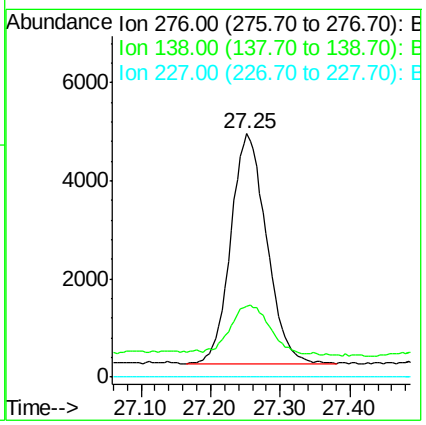


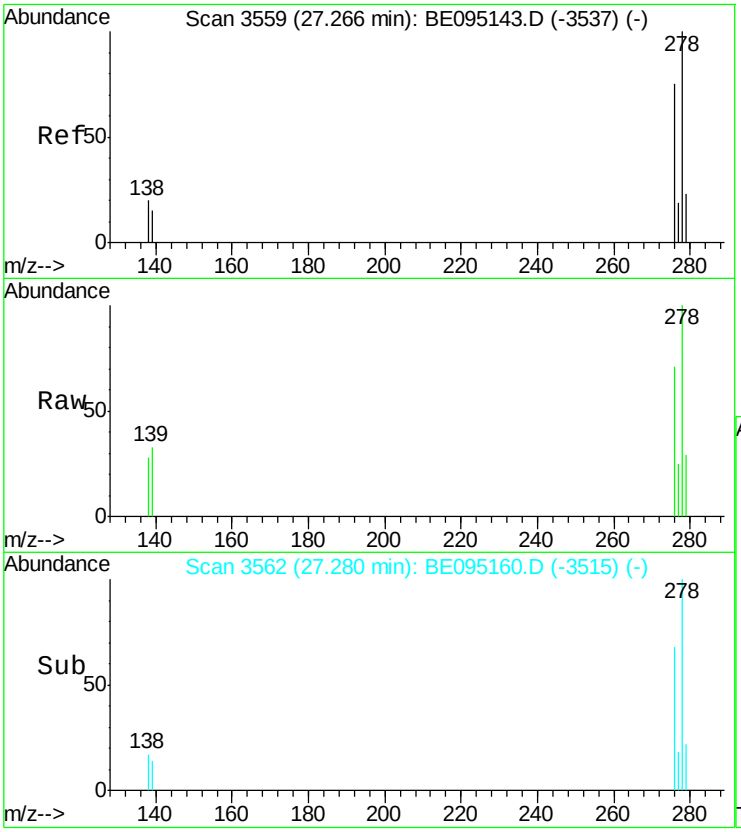


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 27.25 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Tgt Ion:276 Resp: 16674

Ion	Ratio	Lower	Upper
276	100		
138	22.9	28.0	42.0#
227	0.0	8.0	12.0#



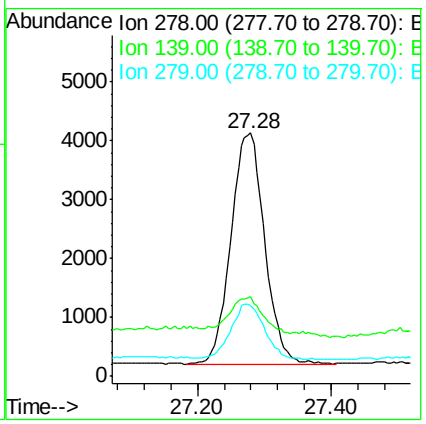


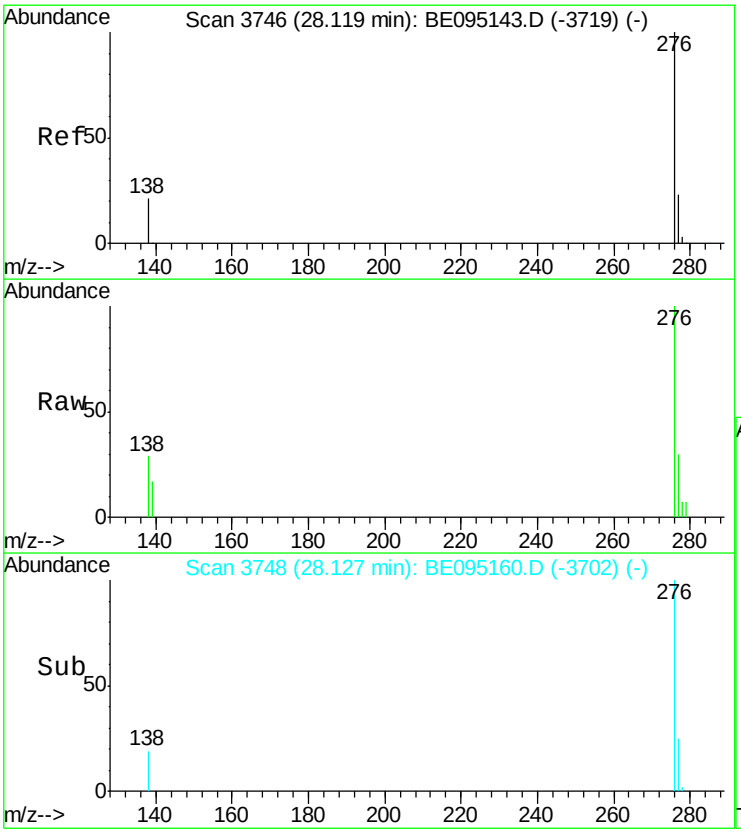
#25
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 27.28 min Scan# 3562
Delta R.T. 0.01 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Instrument :
BNA_E
ClientSampleId :
SSTD0.412

Tgt Ion:278 Resp: 13713

Ion	Ratio	Lower	Upper
278	100		
139	32.8	17.4	26.0#
279	29.0	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 28.13 min Scan# 3748
Delta R.T. 0.01 min
Lab File: BE095160.D
Acq: 27 Jan 2018 11:01

Tgt Ion:276 Resp: 14191

Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.8	32.8
277	30.3	20.5	30.7