Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
Data File : BE096953.D
Acq On : 17 Jul 2018 11:04
Operator : SJ/JU
Sample : SSTD0.161
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 17 13:01:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 13:01:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1527	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	7084	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	3631	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	10704	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	13011	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	12711	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	1112	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	3125	0.12	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	1704	0.100	ng/ul#	93
5) 2-Methylnaphthalene	11.81	142	1121	0.096	ng/ul	95
7) Acenaphthylene	13.74	152	1547	0.104	ng/ul	97
8) Acenaphthene	14.09	153	1241	0.101	ng/ul#	95
9) Fluorene	15.08	166	1274	0.100	ng/ul	94
11) Pentachlorophenol	16.43	266	118	0.168	ng/ul#	90
12) Phenanthrene	16.81	178	2835	0.103	ng/ul#	90
13) Anthracene	16.90	178	2350	0.100	ng/ul	93
15) Fluoranthene	18.84	202	3713	0.126	ng/ul	84
17) Pyrene	19.21	202	4318	0.101	ng/ul#	84
18) Benzo(a)anthracene	20.96	228	3476	0.113	ng/ul#	86
19) Chrysene	21.02	228	4230	0.106	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	3280	0.095	ng/ul	88
22) Benzo(k)fluoranthene	22.58	252	3763	0.099	ng/ul	92
23) Benzo(a)pyrene	23.11	252	2995	0.102	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.50	276	3234	0.106	ng/ul#	81
25) Dibenzo(a,h)anthracene	25.53	278	2657	0.110	ng/ul	96
26) Benzo(g,h,i)perylene	26.20	276	2980	0.101	ng/ul	94

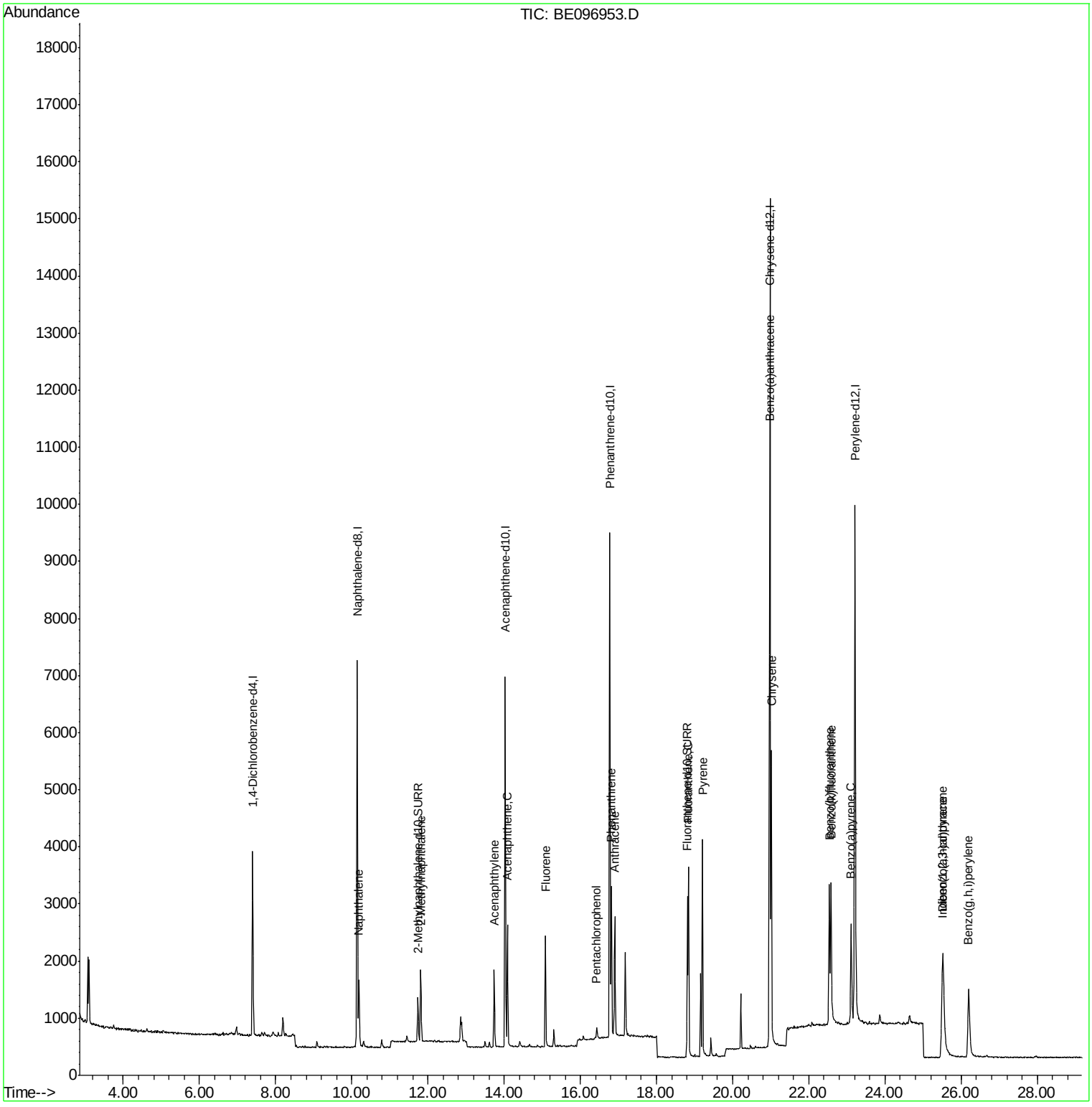
(#) = qualifier out of range (m) = manual integration (+) = signals summed

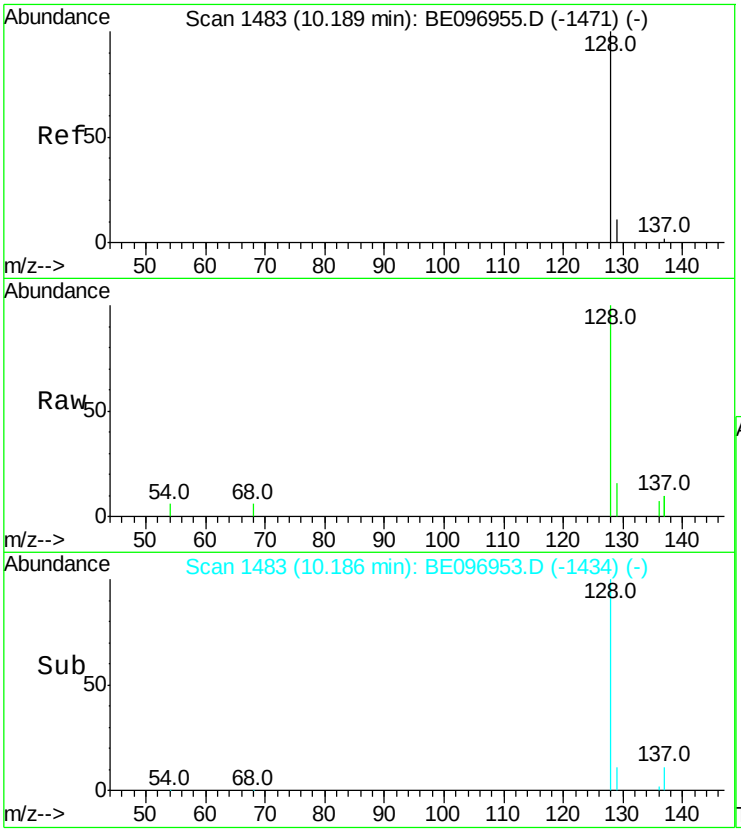
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
Data File : BE096953.D
Acq On : 17 Jul 2018 11:04
Operator : SJ/JU
Sample : SSTD0.161
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 13:01:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 13:01:30 2018
Response via : Initial Calibration



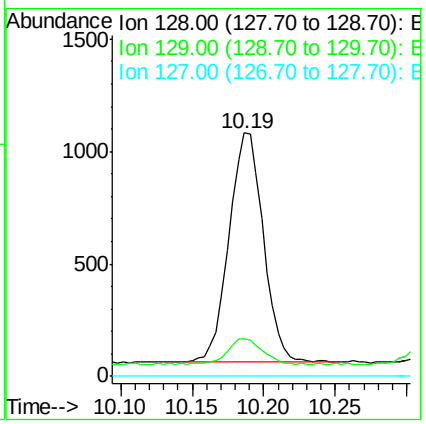


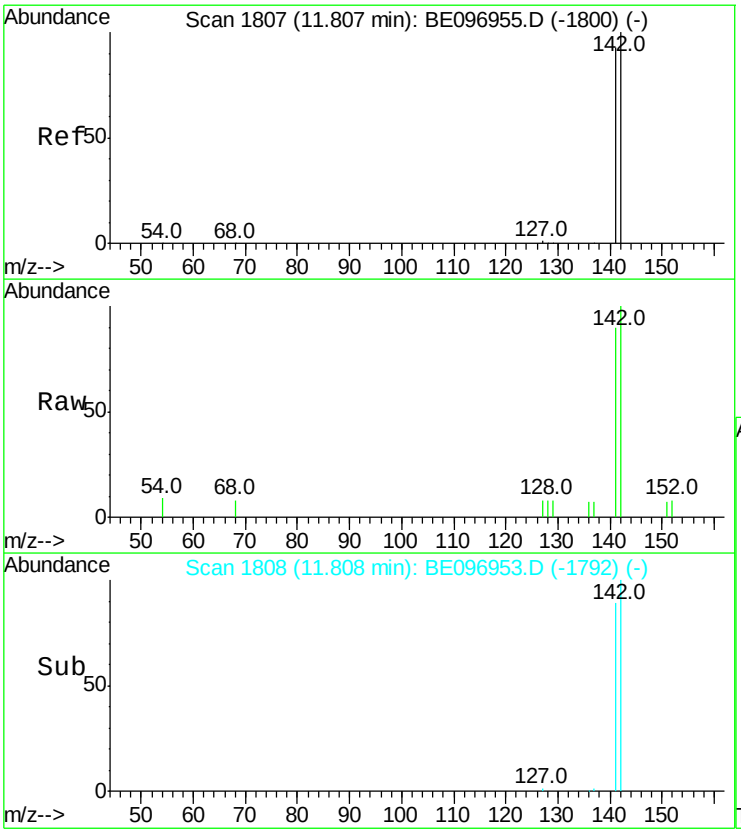
#3
Naphthalene
Concen: 0.100 ng/ul
RT: 10.19 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1704

Ion	Ratio	Lower	Upper
128	100		
129	15.5	11.3	16.9
127	0.0	4.0	6.0#

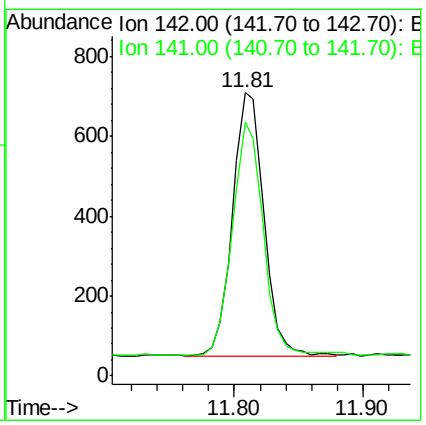


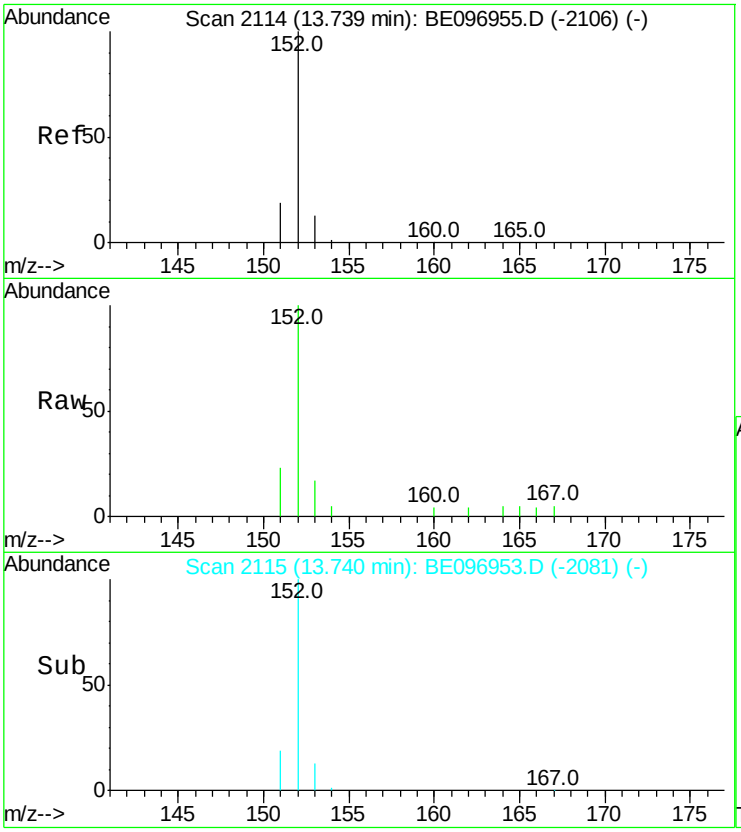


#5
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 11.81 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Tgt Ion:142 Resp: 1121

Ion	Ratio	Lower	Upper
142	100		
141	86.2	72.6	108.8



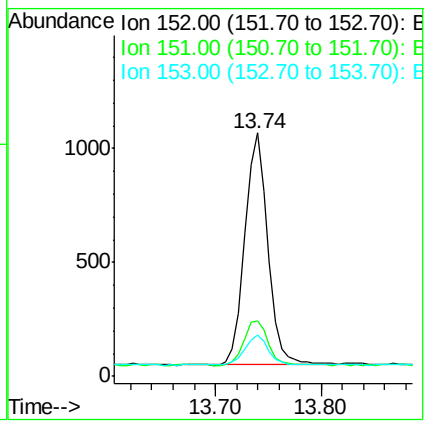


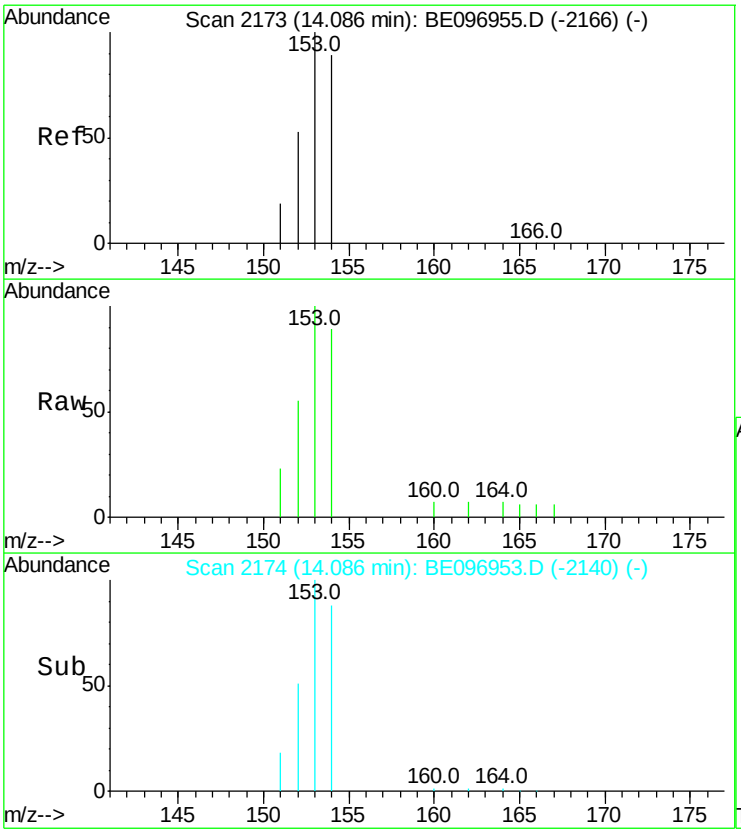
#7
Acenaphthylene
Concen: 0.104 ng/ul
RT: 13.74 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1547

Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.1	25.7
153	17.2	12.8	19.2

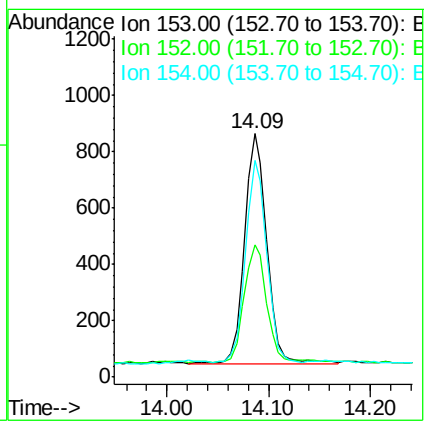


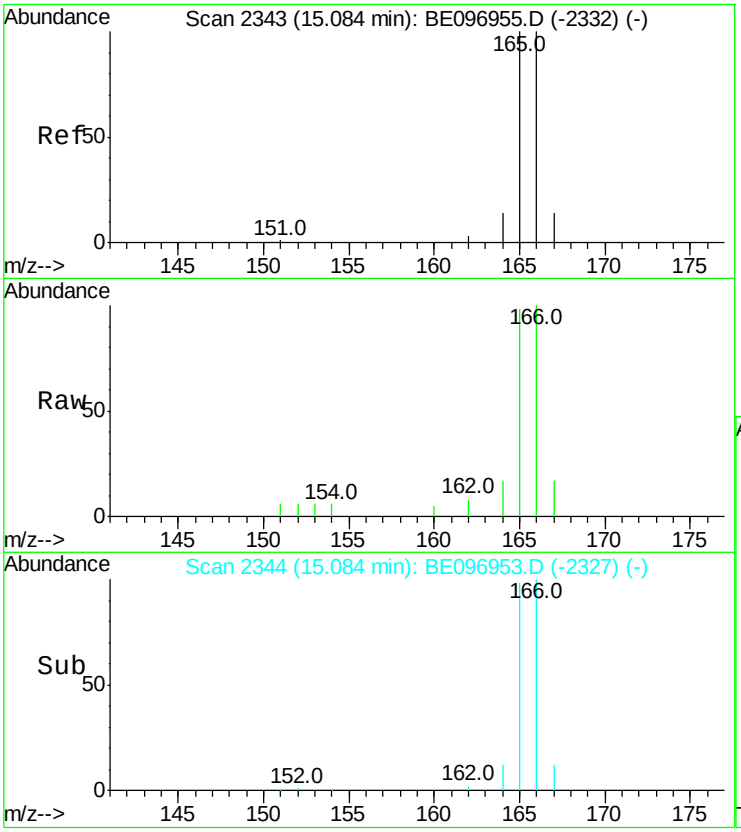


#8
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.09 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Tgt Ion:153 Resp: 1241

Ion	Ratio	Lower	Upper
153	100		
152	54.6	36.0	54.0#
154	89.1	72.0	108.0



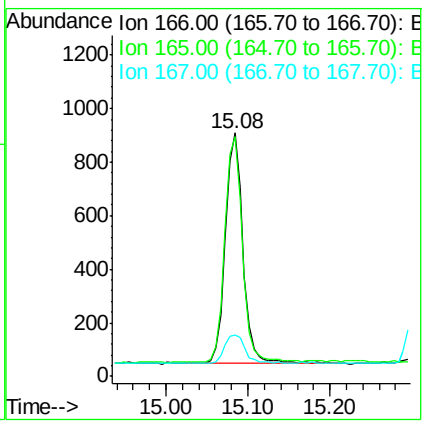


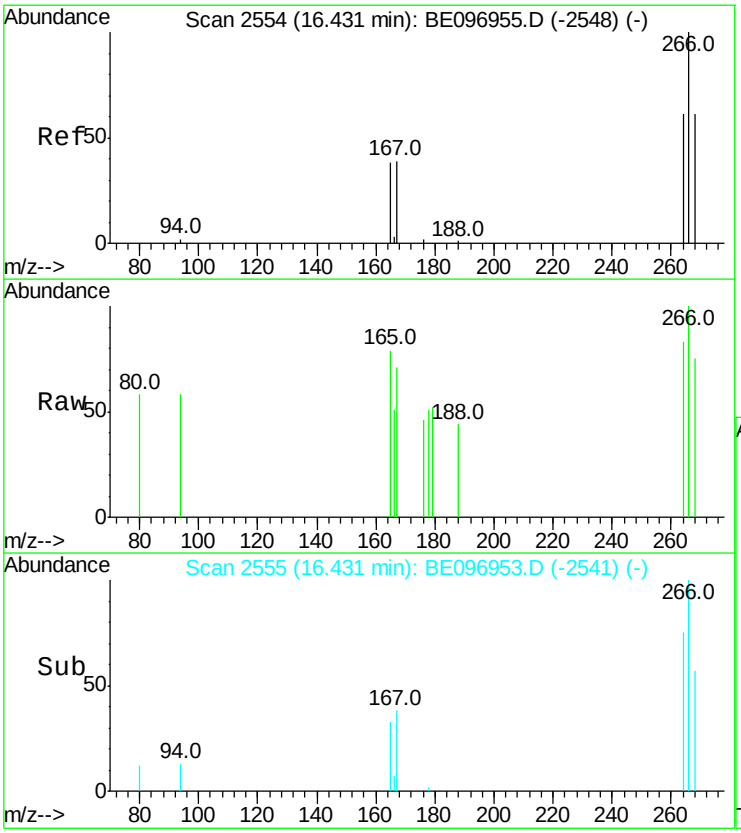
#9
Fluorene
Concen: 0.100 ng/ul
RT: 15.08 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1274

Ion	Ratio	Lower	Upper
166	100		
165	98.3	73.4	110.2
167	17.3	14.6	22.0

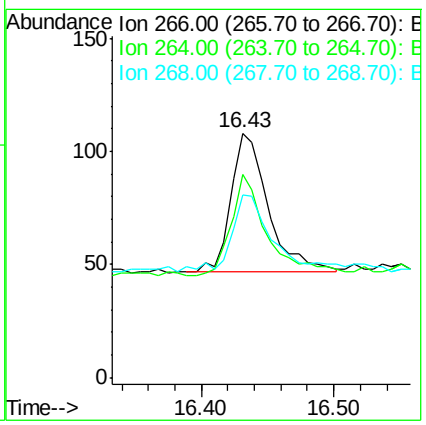


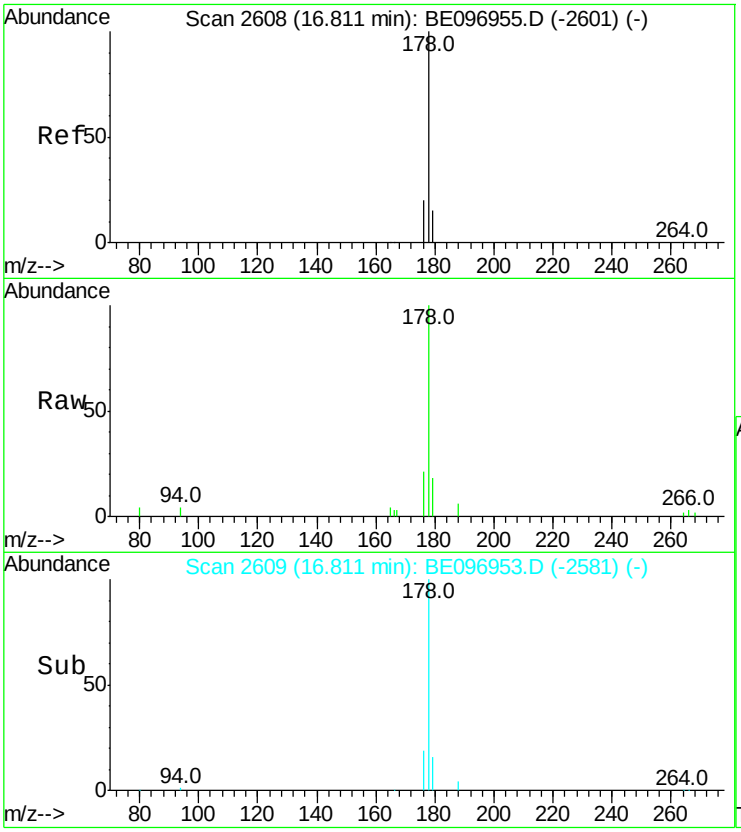


#11
Pentachlorophenol
Concen: 0.168 ng/ul
RT: 16.43 min Scan# 2555
Delta R.T. -0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Tgt Ion:266 Resp: 118

Ion	Ratio	Lower	Upper
266	100		
264	72.9	47.9	71.9#
268	60.2	49.8	74.8



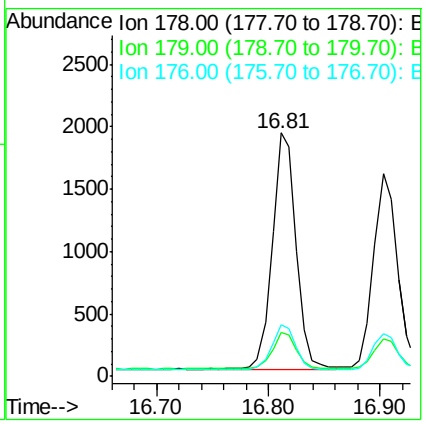


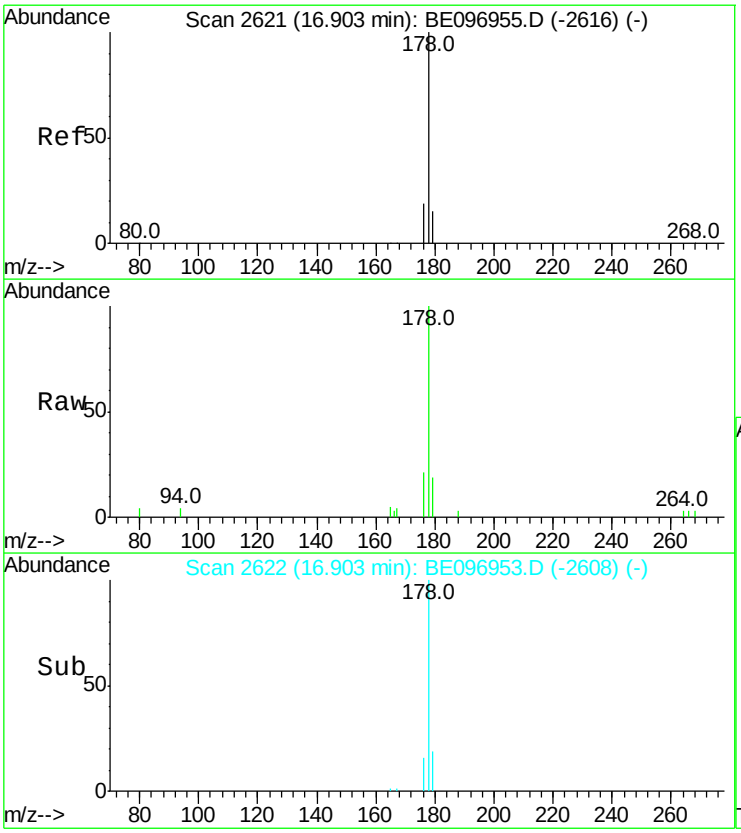
#12
Phenanthrene
Concen: 0.103 ng/ul
RT: 16.81 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2835

Ion	Ratio	Lower	Upper
178	100		
179	18.1	18.4	27.6#
176	21.3	13.6	20.4#

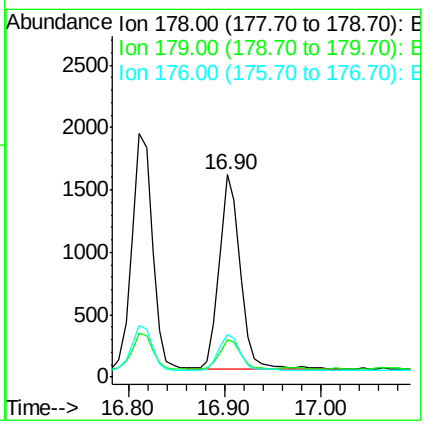


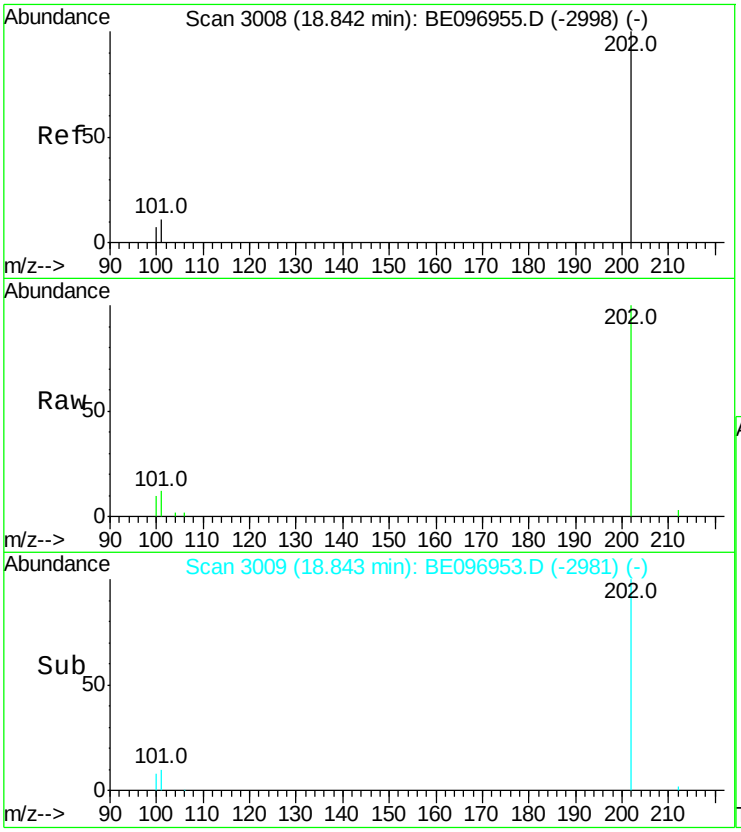


#13
Anthracene
Concen: 0.100 ng/ul
RT: 16.90 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Tgt Ion:178 Resp: 2350

Ion	Ratio	Lower	Upper
178	100		
179	18.7	18.1	27.1
176	21.4	14.7	22.1



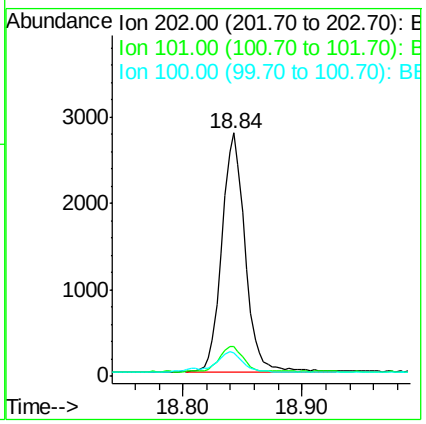


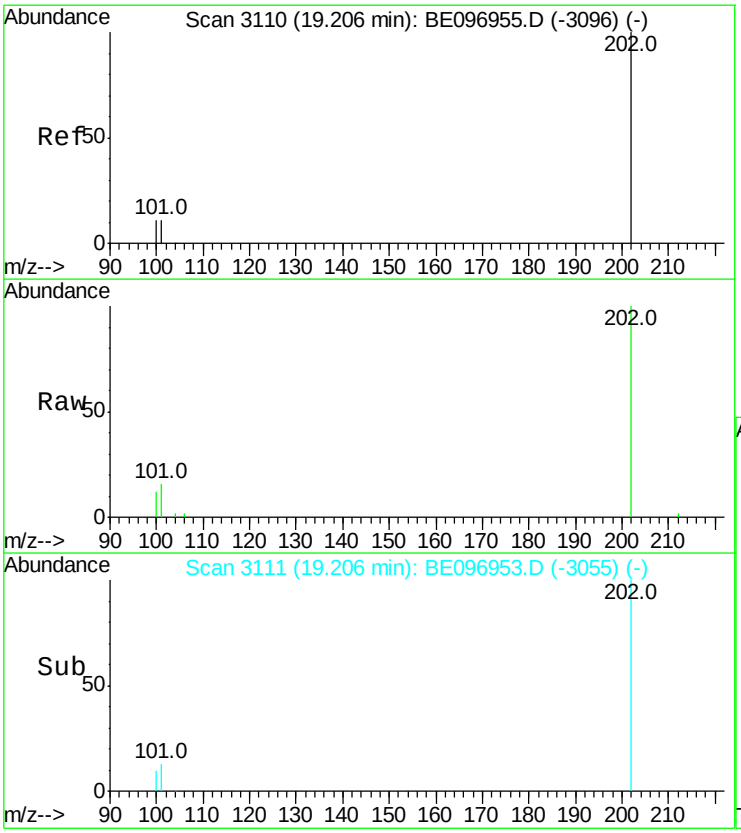
#15
Fluoranthene
Concen: 0.126 ng/ul
RT: 18.84 min Scan# 3009
Delta R.T. 0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 3713

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.3
100	9.8	0.0	39.5

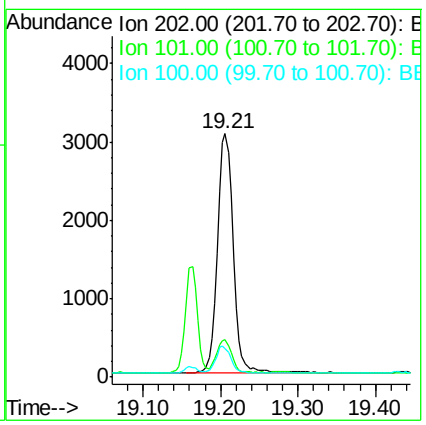


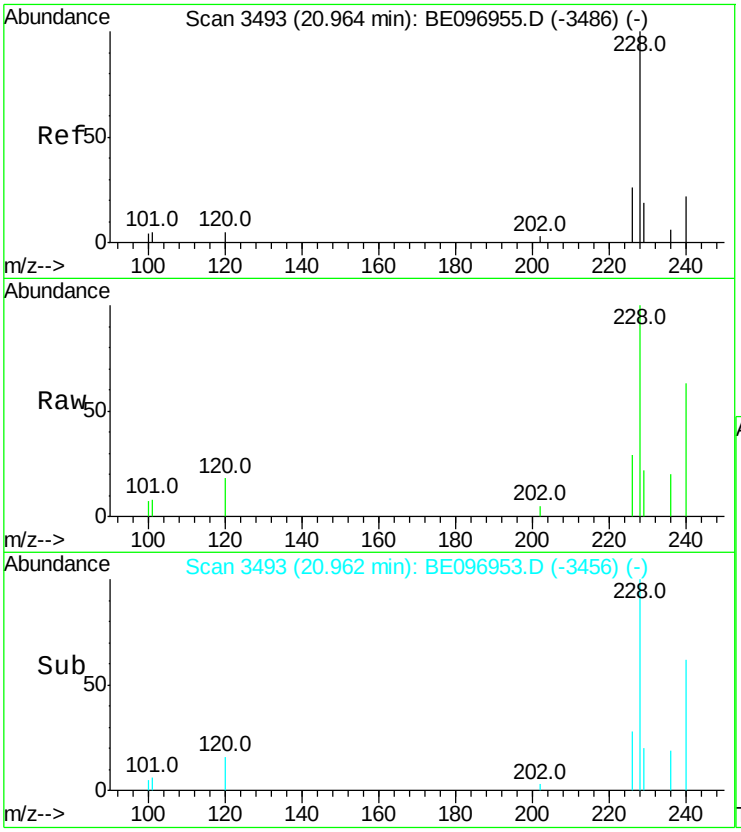


#17
Pyrene
Concen: 0.101 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Tgt Ion:202 Resp: 4318

Ion	Ratio	Lower	Upper
202	100		
101	15.6	18.2	27.4#
100	11.6	15.6	23.4#



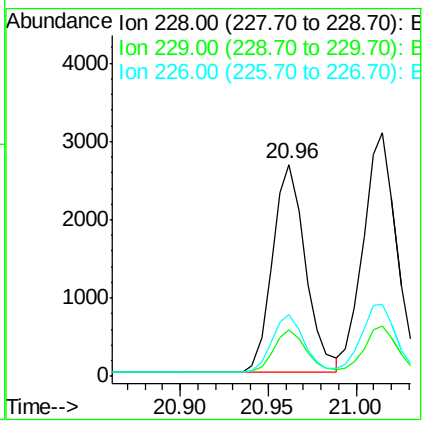


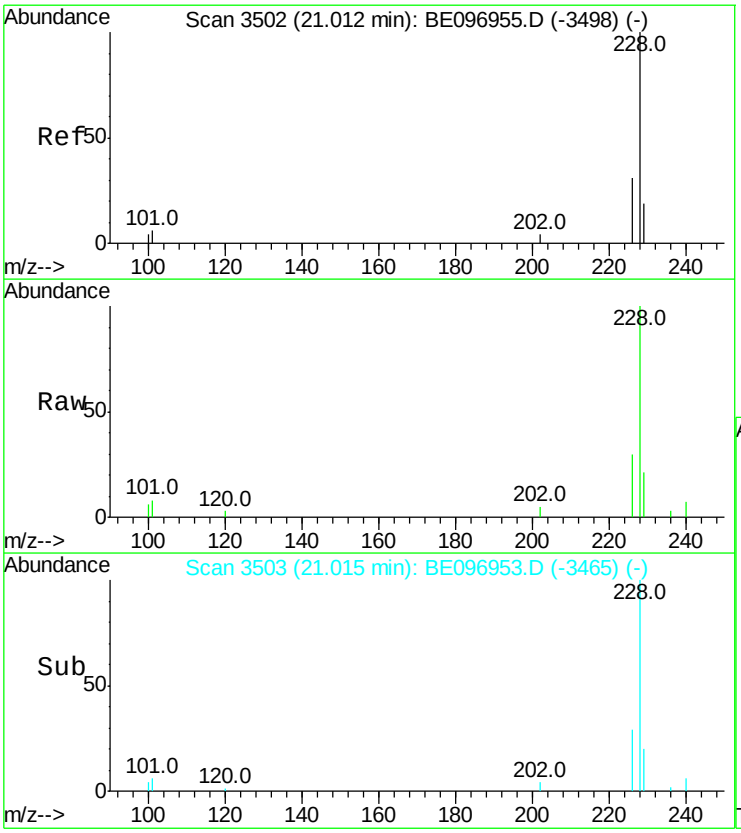
#18
Benzo(a)anthracene
Concen: 0.113 ng/ul
RT: 20.96 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 3476

Ion	Ratio	Lower	Upper
228	100		
229	21.7	22.8	34.2#
226	29.2	17.0	25.6#

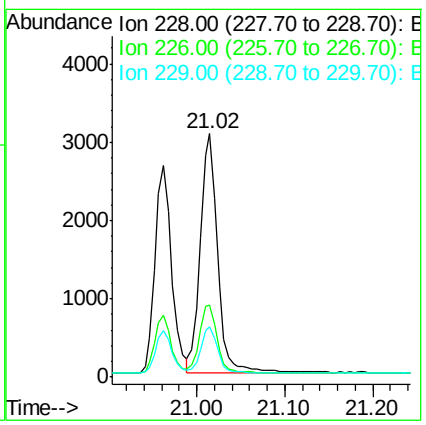


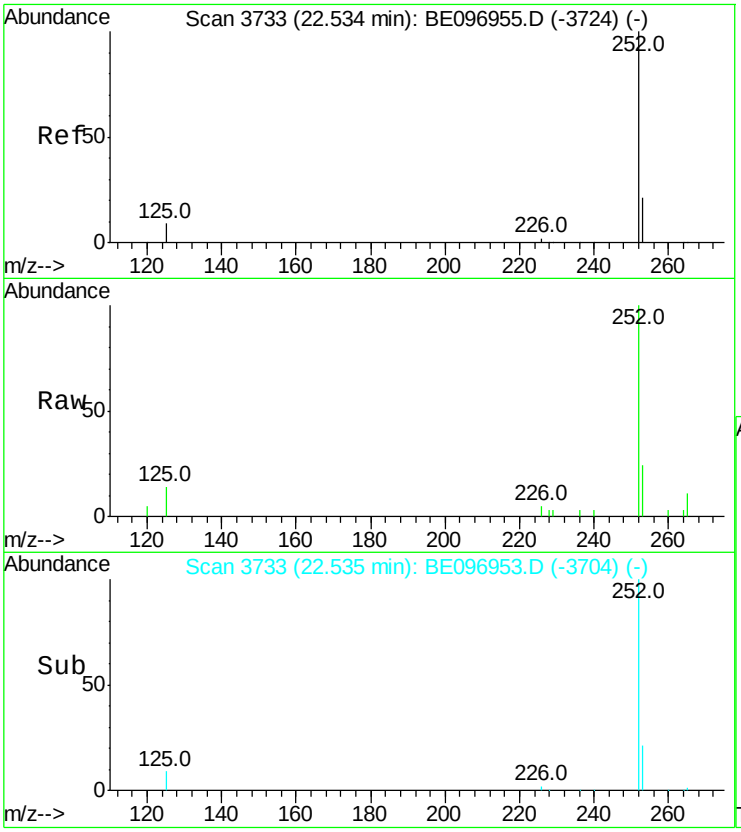


#19
Chrysene
Concen: 0.106 ng/ul
RT: 21.02 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Tgt Ion:228 Resp: 4230

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	20.7	17.7	26.5



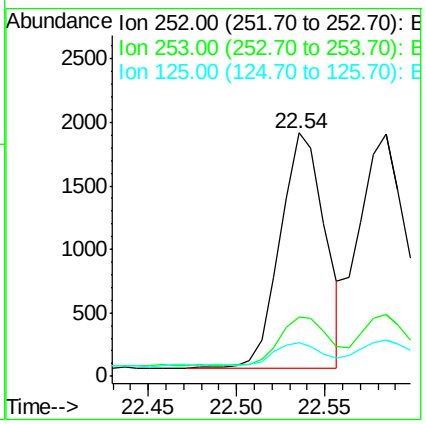


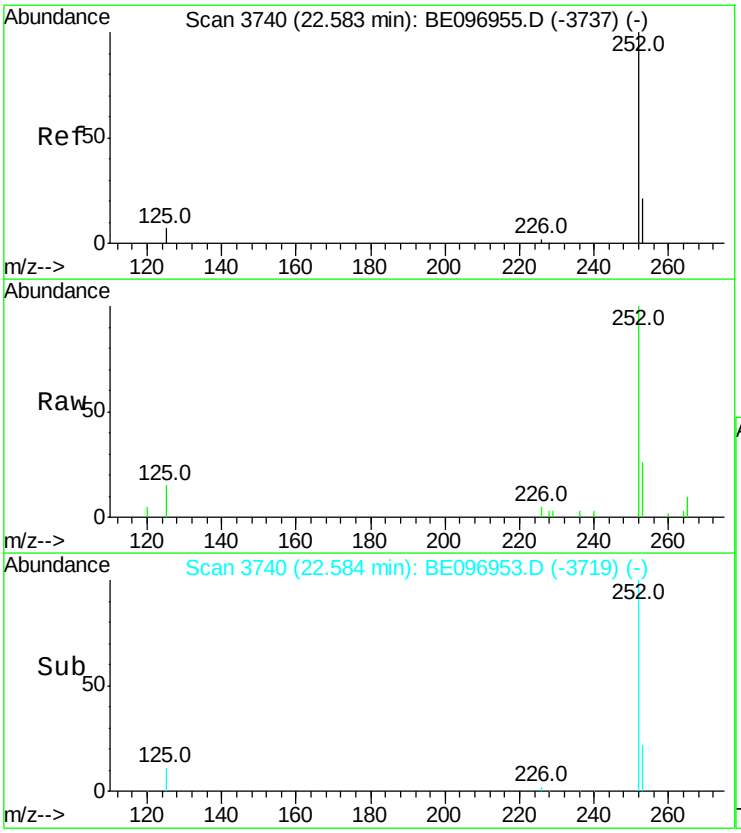
#21
Benzo(b)fluoranthene
Concen: 0.095 ng/ul
RT: 22.54 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3280

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	64.2
125	13.9	0.0	35.0

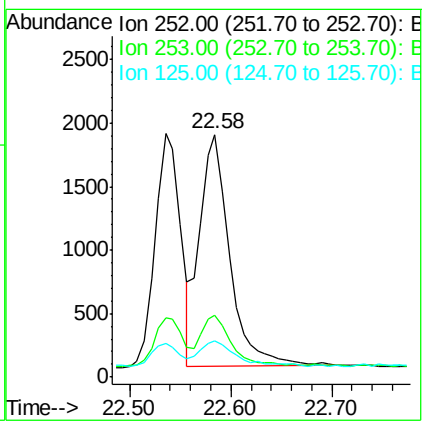


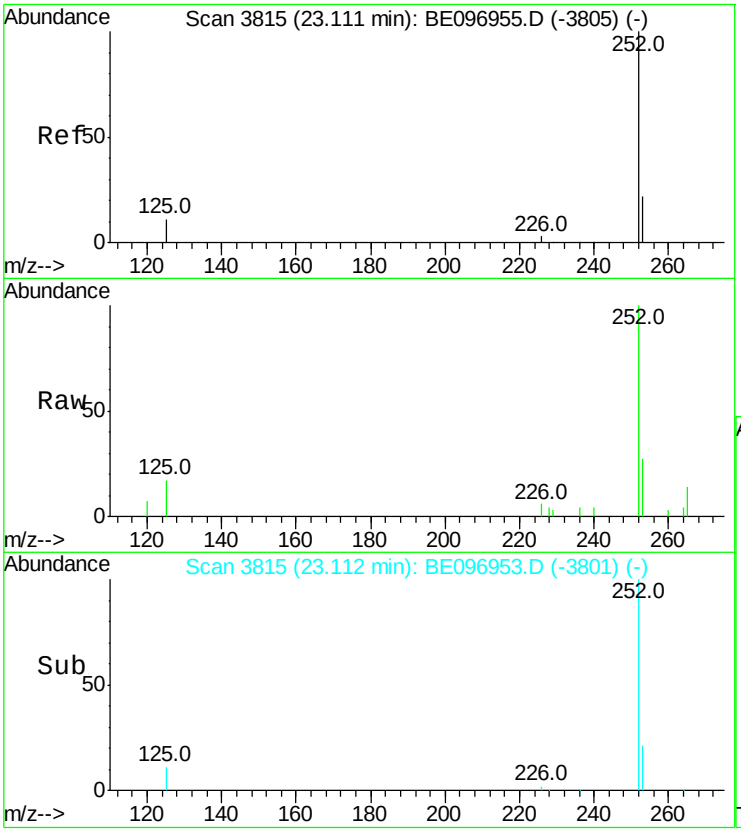


#22
Benzo(k)fluoranthene
Concen: 0.099 ng/ul
RT: 22.58 min Scan# 3740
Delta R.T. 0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Tgt Ion:252 Resp: 3763

Ion	Ratio	Lower	Upper
252	100		
253	25.7	24.5	36.7
125	14.9	13.7	20.5



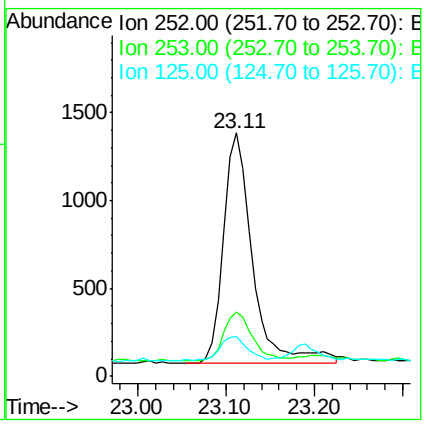


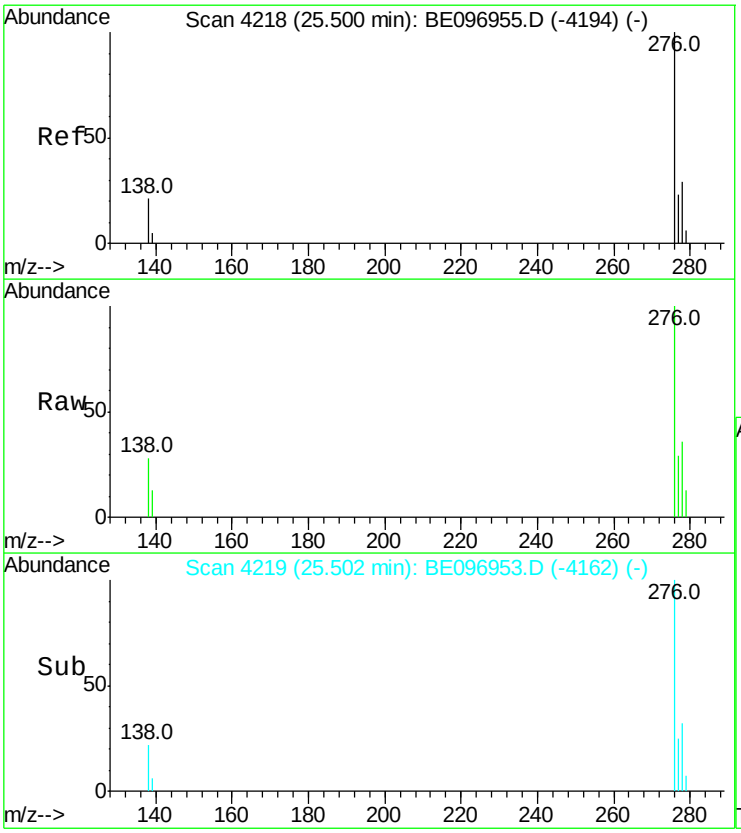
#23
Benzo(a)pyrene
Concen: 0.102 ng/ul
RT: 23.11 min Scan# 3815
Delta R.T. 0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2995

Ion	Ratio	Lower	Upper
252	100		
253	26.6	28.5	42.7#
125	16.7	18.1	27.1#

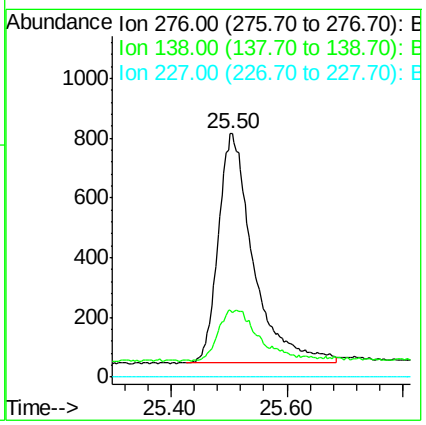


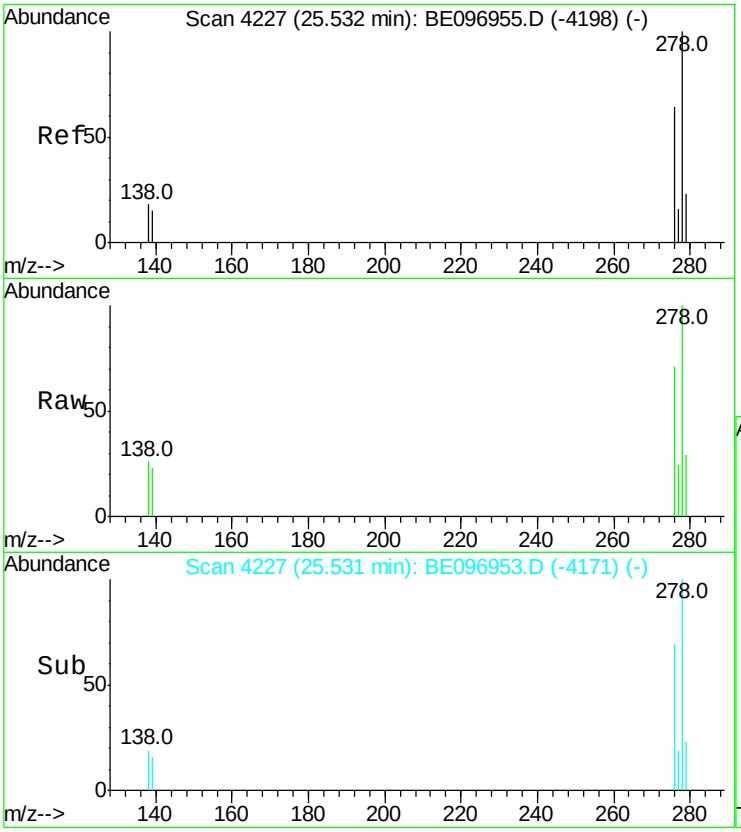


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/ul
RT: 25.50 min Scan# 4219
Delta R.T. 0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Tgt Ion:276 Resp: 3234

Ion	Ratio	Lower	Upper
276	100		
138	25.3	28.0	42.0#
227	0.0	8.0	12.0#



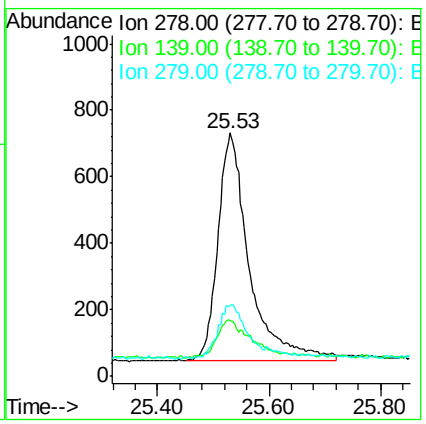


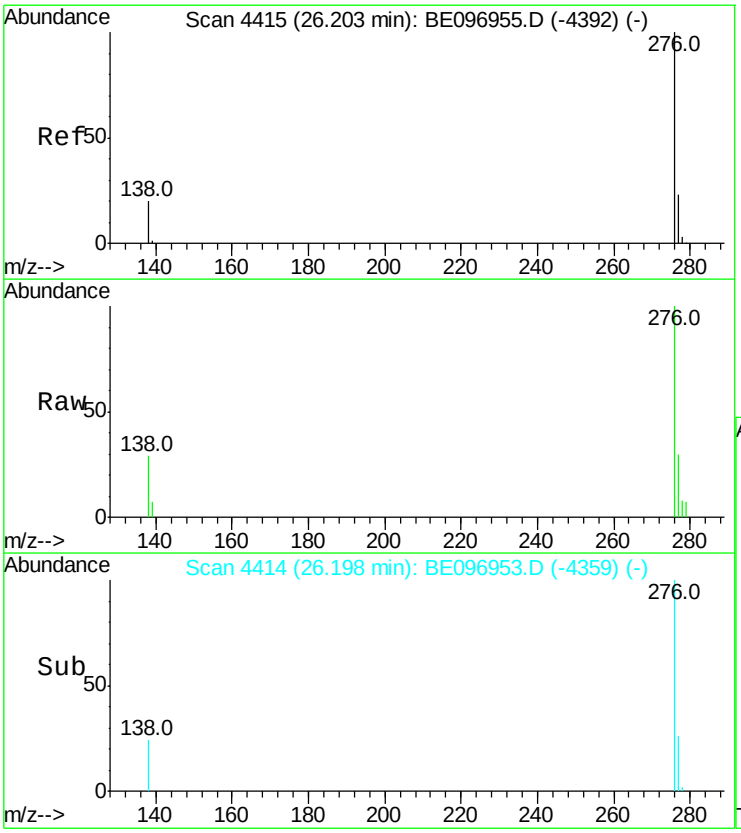
#25
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 25.53 min Scan# 4227
Delta R.T. -0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 2657

Ion	Ratio	Lower	Upper
278	100		
139	22.8	17.4	26.0
279	29.2	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.101 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. -0.00 min
Lab File: BE096953.D
Acq: 17 Jul 2018 11:04

Tgt Ion:276 Resp: 2980

Ion	Ratio	Lower	Upper
276	100		
138	28.9	21.8	32.8
277	30.3	20.5	30.7