Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
Data File : BE096985.D
Acq On : 18 Jul 2018 8:19
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 18 09:07:14 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 : Wed Jul 18 07:15:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1441	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	6964	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	4086	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	11775	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	12902	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	13192	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	4619	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	13879	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	6780	0.402	ng/ul#	93
5) 2-Methylnaphthalene	11.81	142	4651	0.418	ng/ul	97
7) Acenaphthylene	13.74	152	7440	0.418	ng/ul	97
8) Acenaphthene	14.09	153	5534	0.400	ng/ul	94
9) Fluorene	15.08	166	6142	0.418	ng/ul	95
11) Pentachlorophenol	16.43	266	667	0.501	ng/ul	96
12) Phenanthrene	16.81	178	12120	0.392	ng/ul#	88
13) Anthracene	16.90	178	11204	0.415	ng/ul#	91
15) Fluoranthene	18.84	202	15213	0.373	ng/ul	84
17) Pyrene	19.21	202	15886	0.426	ng/ul#	82
18) Benzo(a)anthracene	20.96	228	14378	0.421	ng/ul#	85
19) Chrysene	21.01	228	15143	0.391	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	15076	0.403	ng/ul	84
22) Benzo(k)fluoranthene	22.58	252	14399	0.372	ng/ul#	86
23) Benzo(a)pyrene	23.11	252	13615	0.414	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	15738	0.427	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.53	278	13025	0.423	ng/ul#	88
26) Benzo(g,h,i)perylene	26.20	276	13538	0.412	ng/ul	94

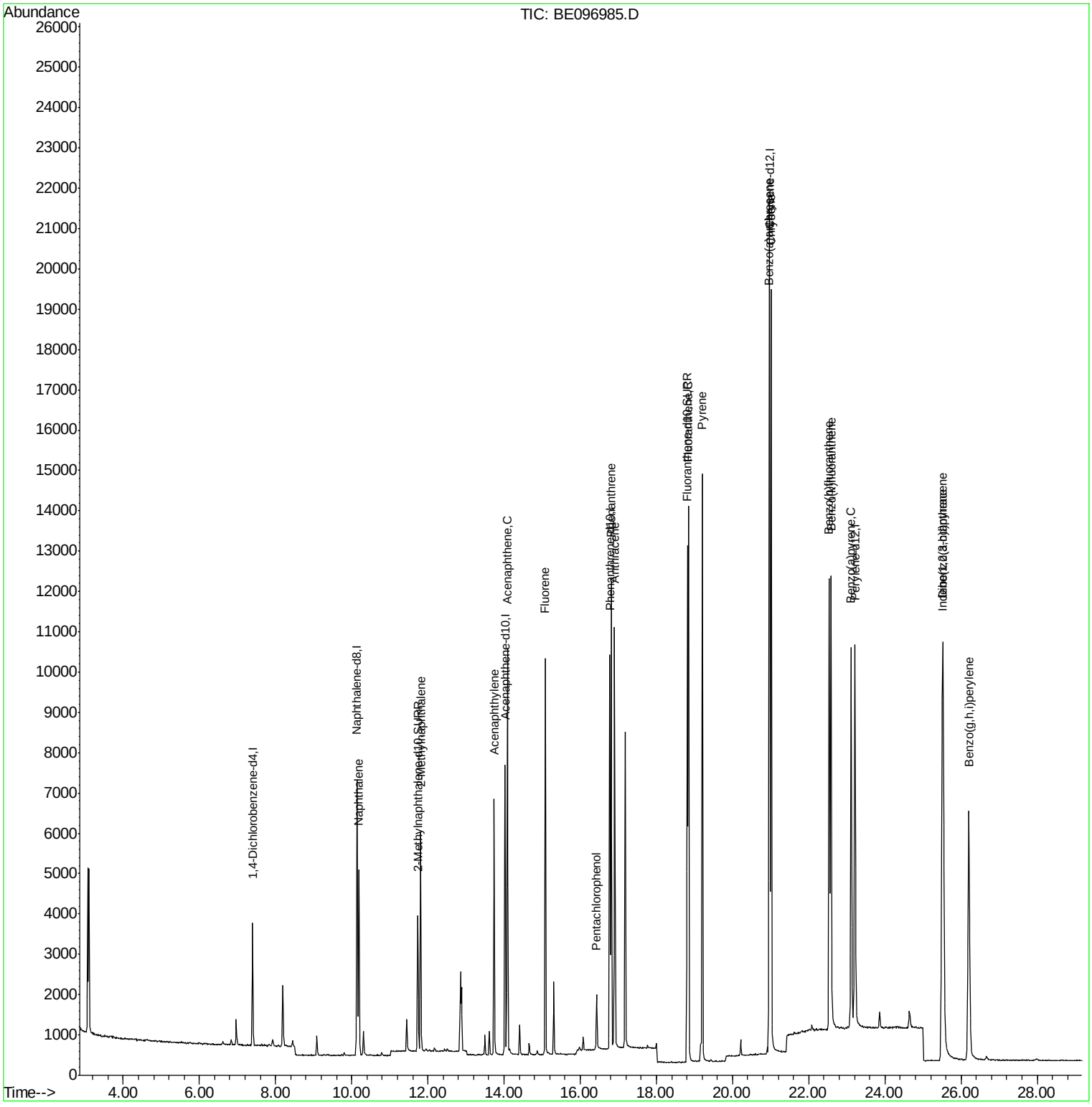
(#) = qualifier out of range (m) = manual integration (+) = signals summed

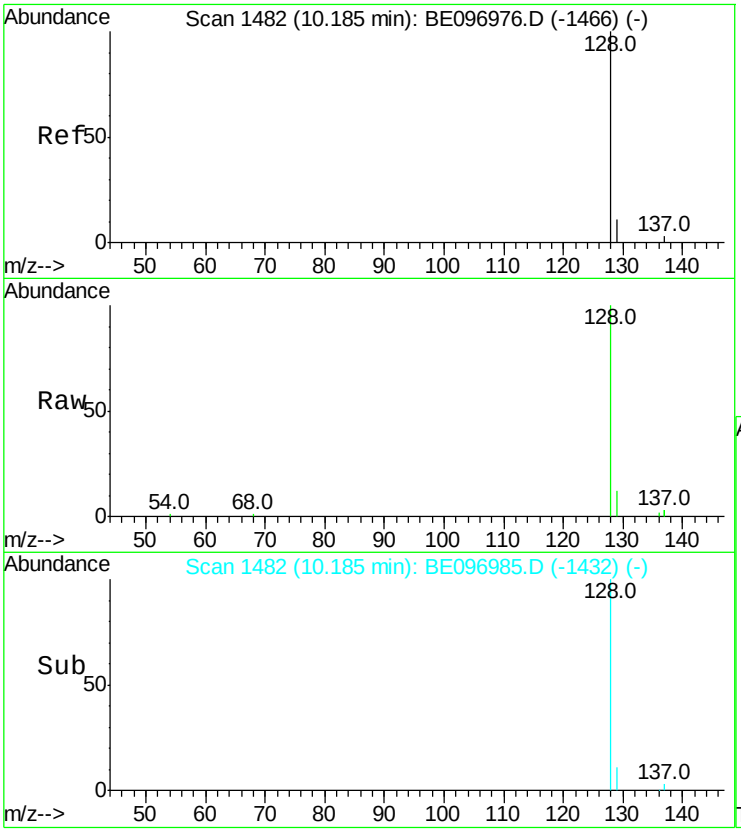
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
Data File : BE096985.D
Acq On : 18 Jul 2018 8:19
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 18 09:07:14 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 : Wed Jul 18 07:15:45 2018
Response via : Initial Calibration



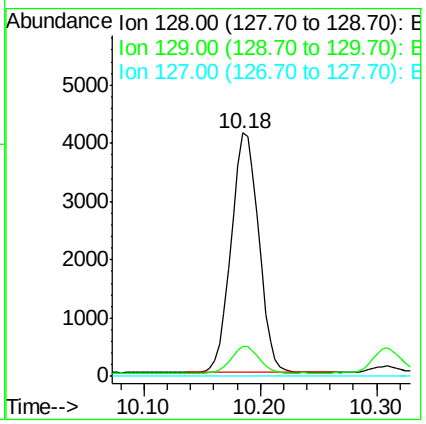


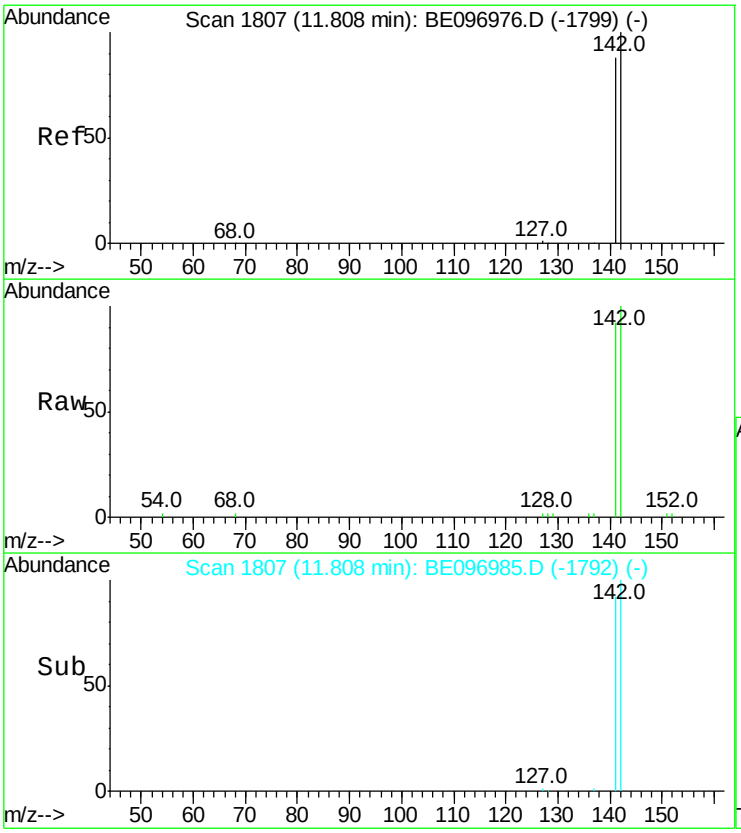
#3
Naphthalene
Concen: 0.402 ng/ul
RT: 10.18 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 6780

Ion	Ratio	Lower	Upper
128	100		
129	12.5	11.3	16.9
127	0.0	4.0	6.0#

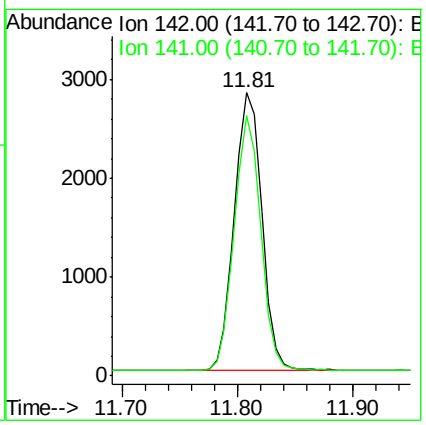


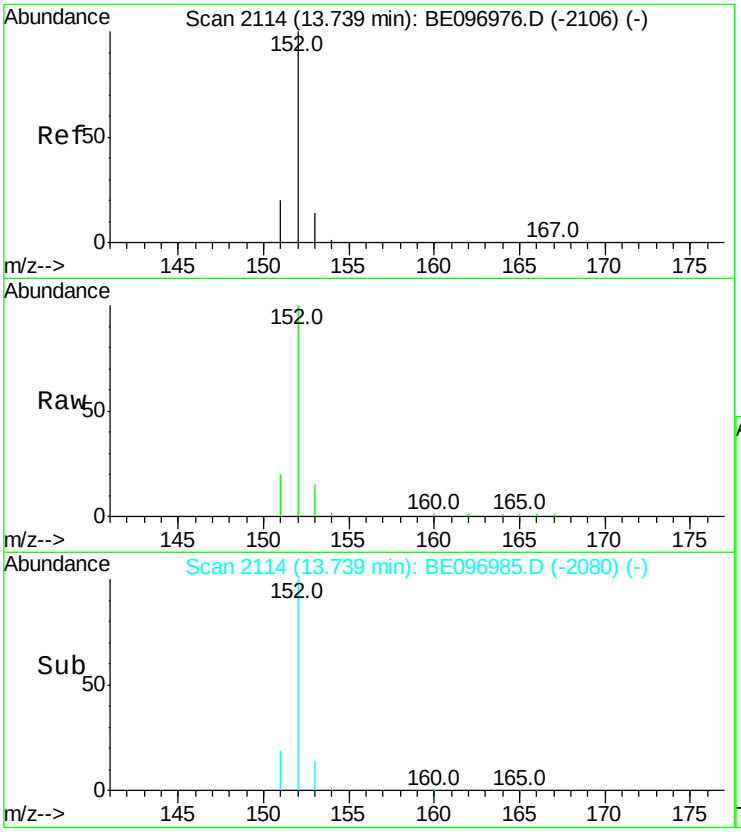


#5
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 11.81 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Tgt Ion:142 Resp: 4651

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8



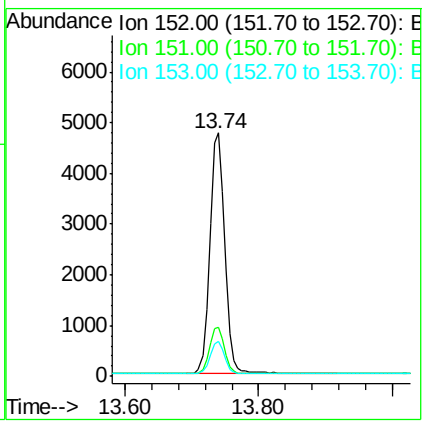


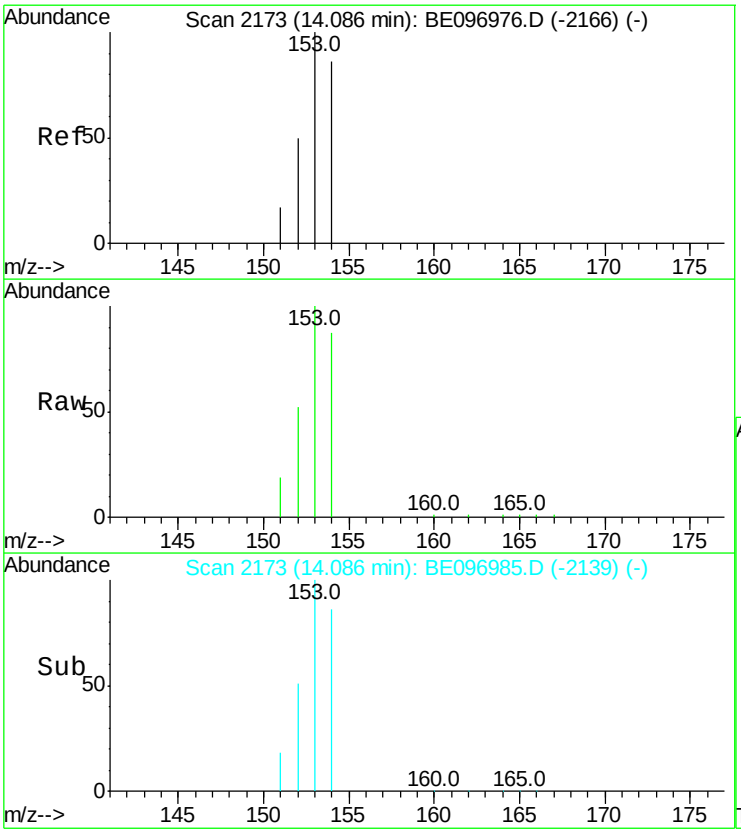
#7
Acenaphthylene
Concen: 0.418 ng/ul
RT: 13.74 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7440

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	14.5	12.8	19.2

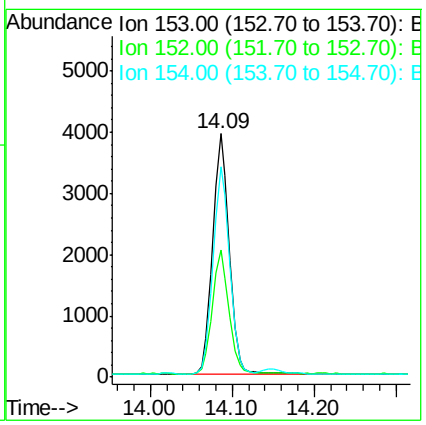


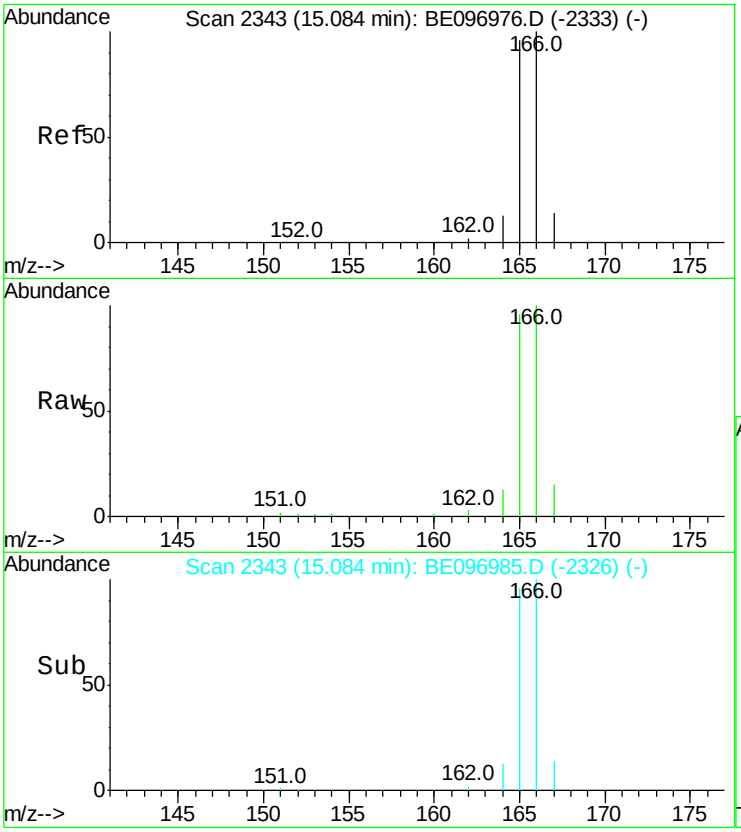


#8
Acenaphthene
Concen: 0.400 ng/ul
RT: 14.09 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Tgt Ion:153 Resp: 5534

Ion	Ratio	Lower	Upper
153	100		
152	52.3	36.0	54.0
154	86.6	72.0	108.0



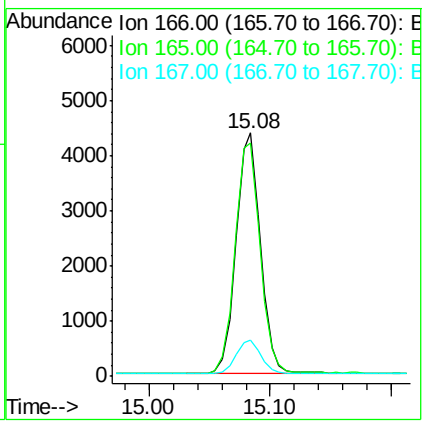


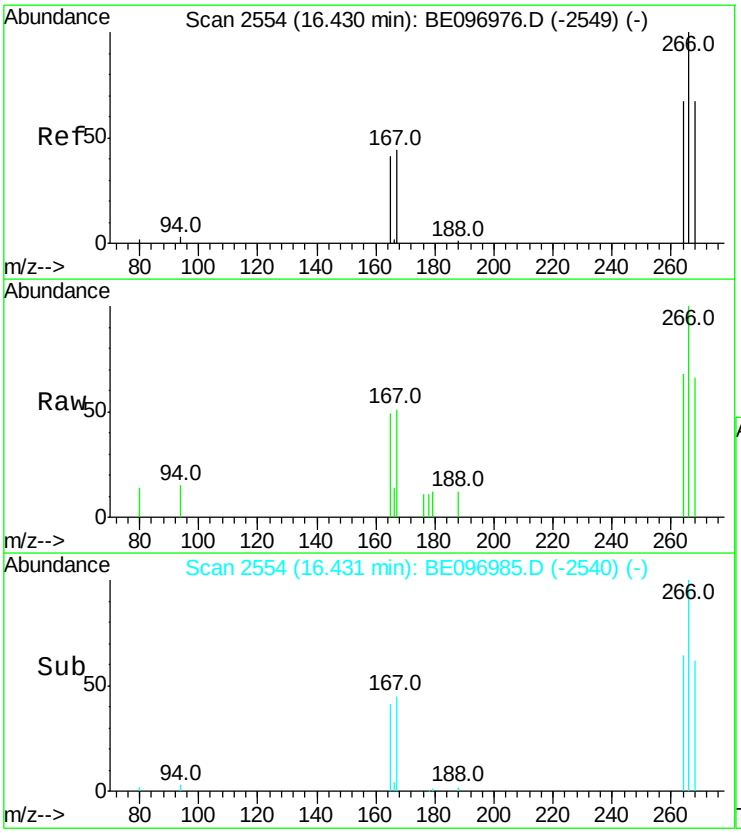
#9
Fluorene
Concen: 0.418 ng/ul
RT: 15.08 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 6142

Ion	Ratio	Lower	Upper
166	100		
165	95.9	73.4	110.2
167	15.1	14.6	22.0

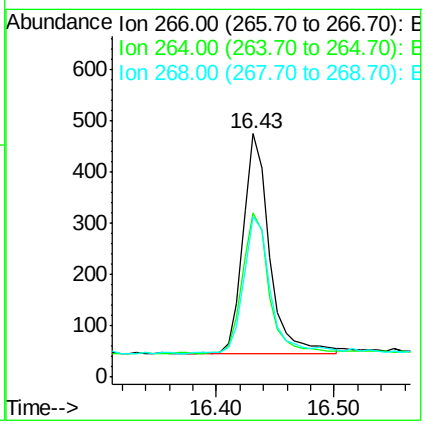


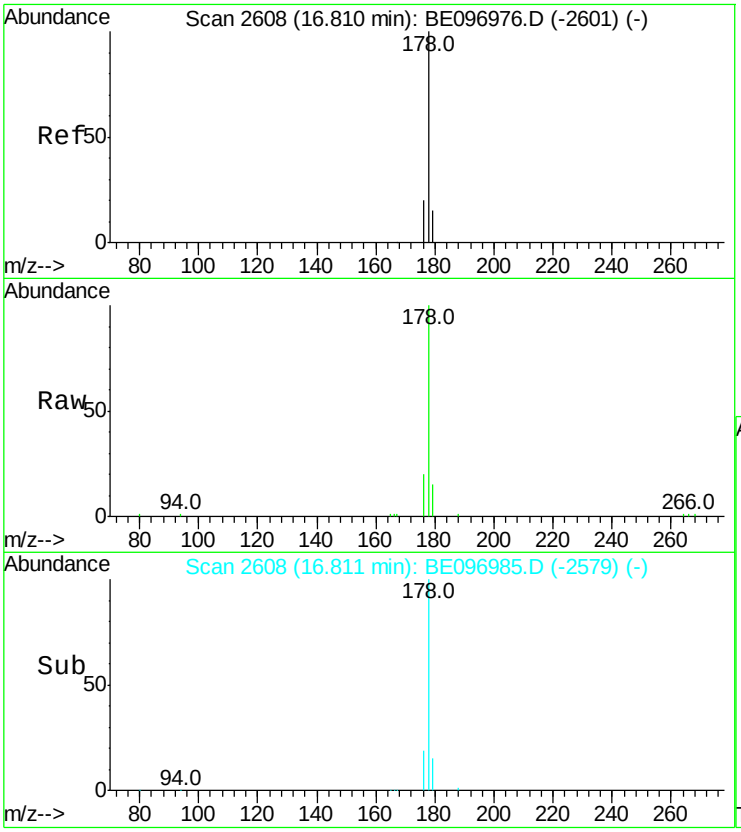


#11
Pentachlorophenol
Concen: 0.501 ng/ul
RT: 16.43 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Tgt Ion:266 Resp: 667

Ion	Ratio	Lower	Upper
266	100		
264	63.7	47.9	71.9
268	63.9	49.8	74.8



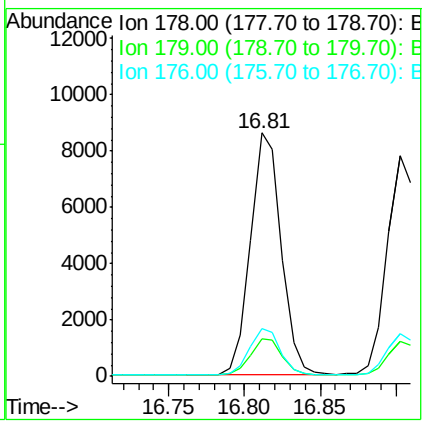


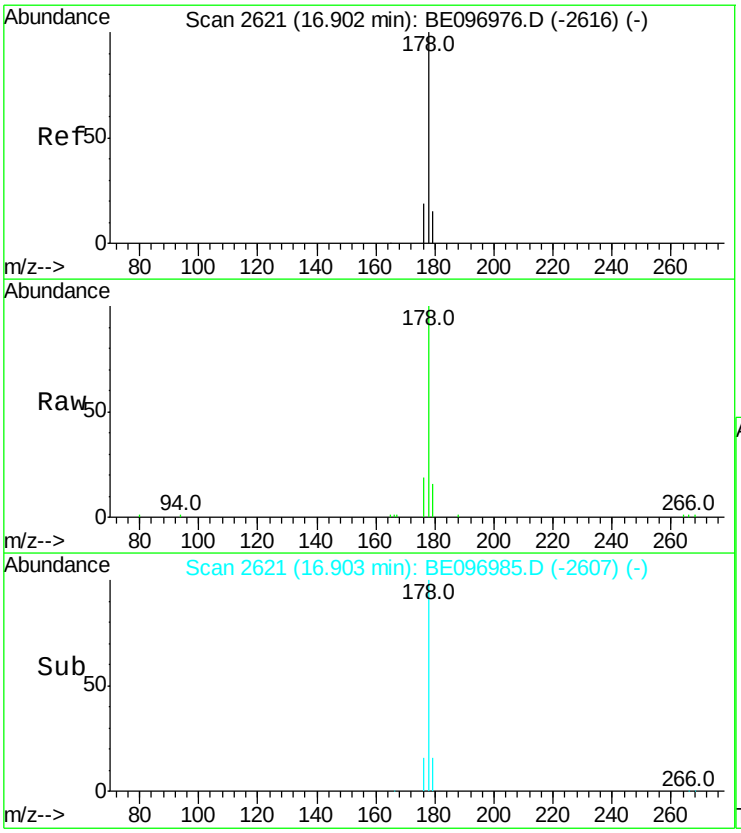
#12
Phenanthrene
Concen: 0.392 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 12120

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.8	13.6	20.4

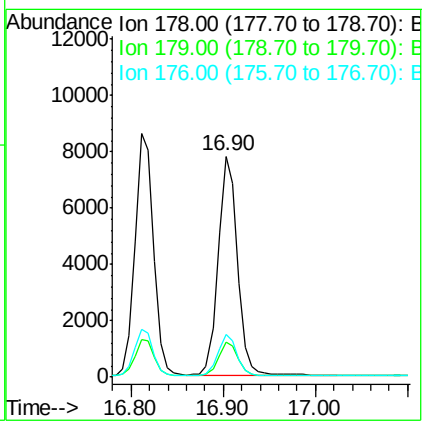


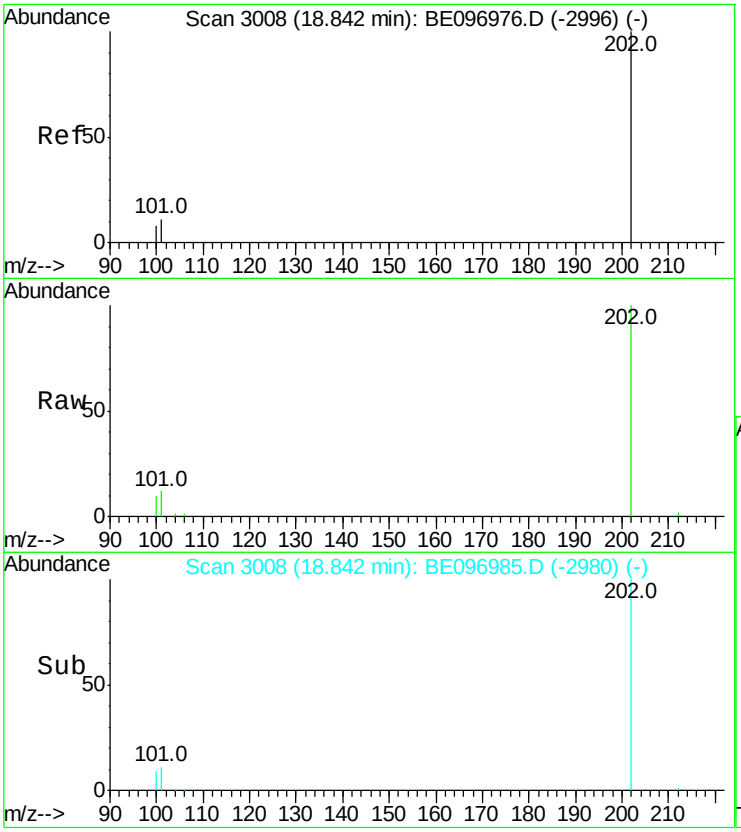


#13
Anthracene
Concen: 0.415 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Tgt Ion:178 Resp: 11204

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	19.5	14.7	22.1



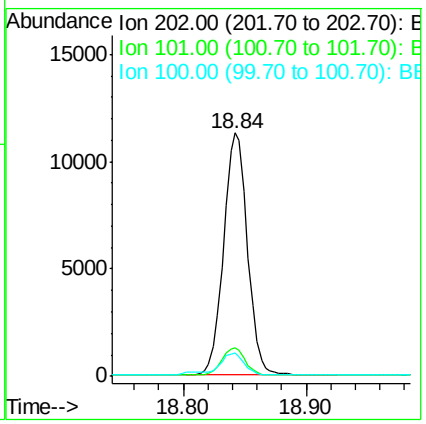


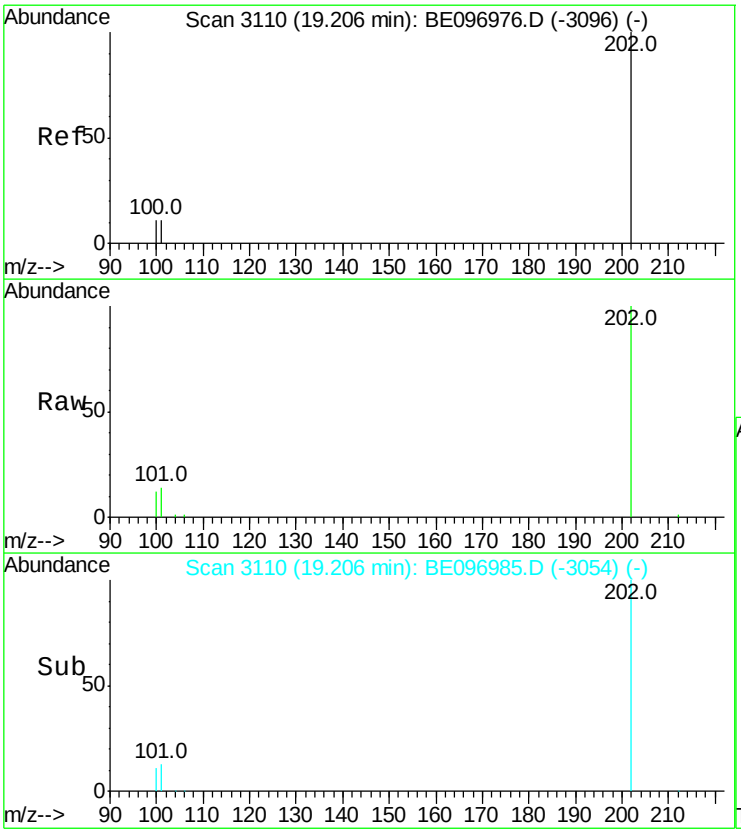
#15
Fluoranthene
Concen: 0.373 ng/ul
RT: 18.84 min Scan# 3008
Delta R.T. -0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 15213

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.3
100	9.7	0.0	39.5

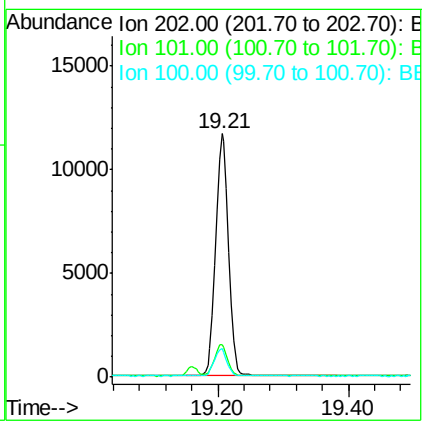


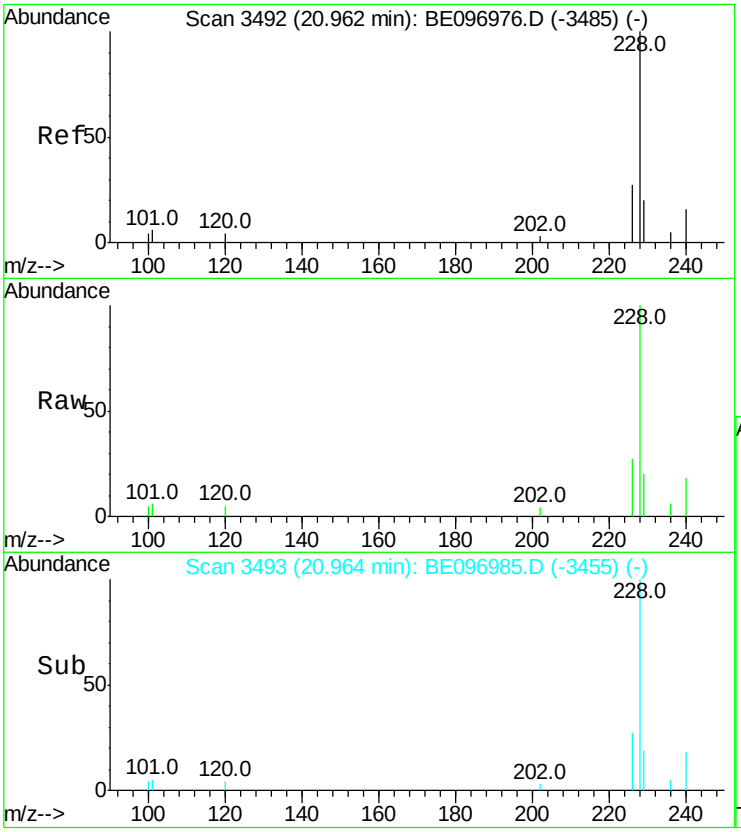


#17
Pyrene
Concen: 0.426 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Tgt Ion:202 Resp: 15886

Ion	Ratio	Lower	Upper
202	100		
101	13.5	18.2	27.4#
100	11.6	15.6	23.4#



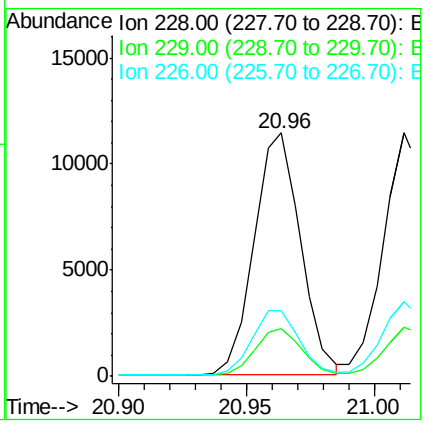


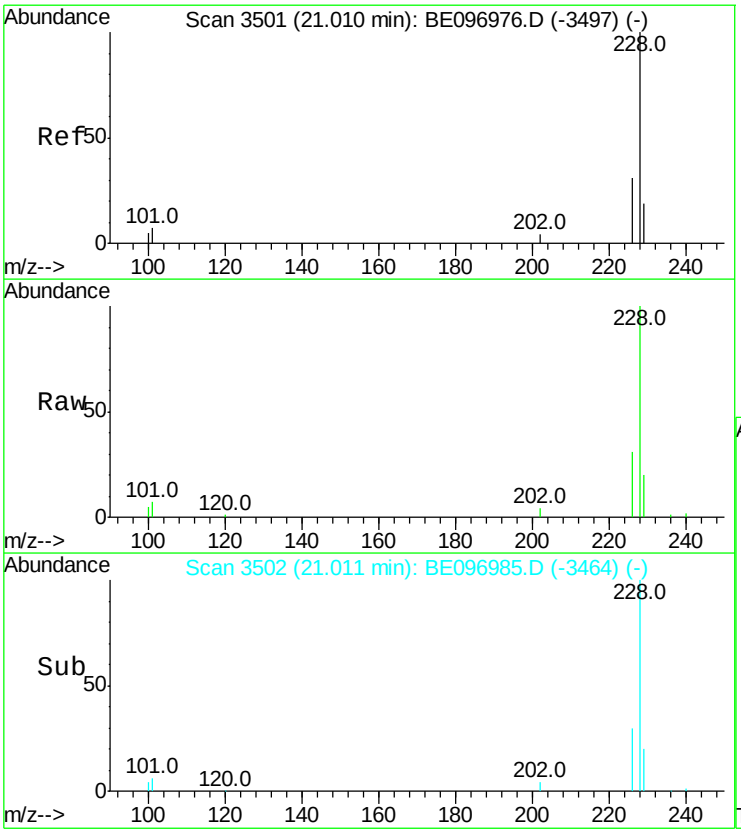
#18
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 20.96 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 14378

Ion	Ratio	Lower	Upper
228	100		
229	19.6	22.8	34.2#
226	27.1	17.0	25.6#

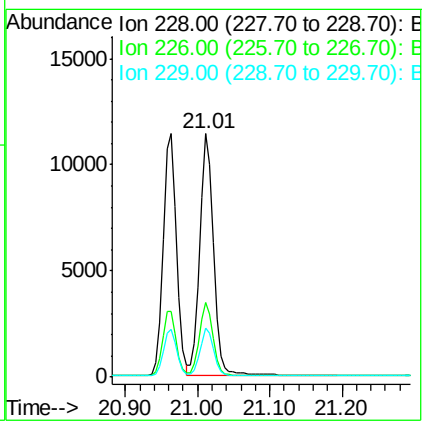


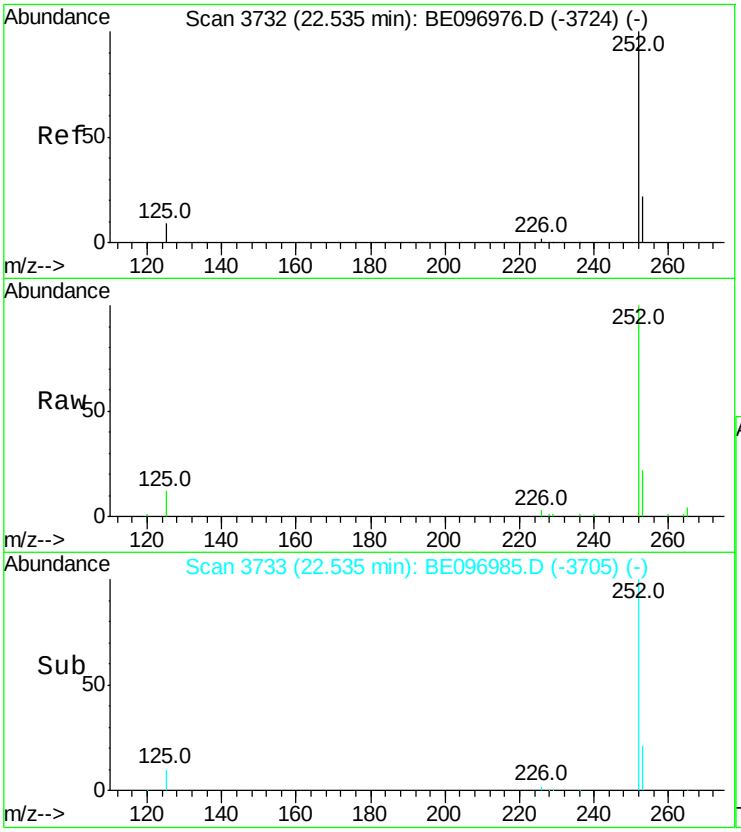


#19
Chrysene
Concen: 0.391 ng/ul
RT: 21.01 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Tgt Ion:228 Resp: 15143

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	20.0	17.7	26.5



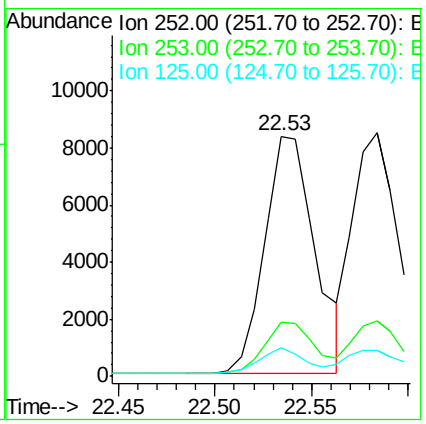


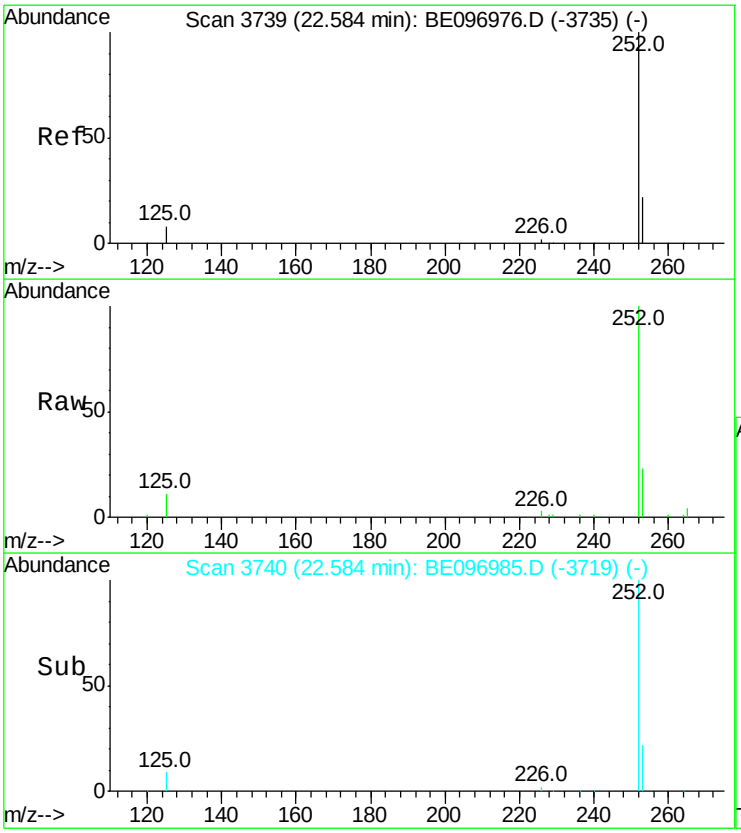
#21
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 22.53 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15076

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	64.2
125	11.7	0.0	35.0

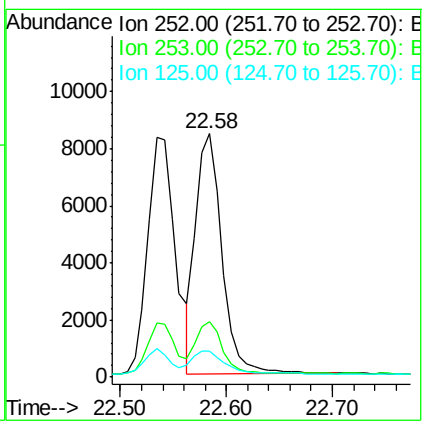


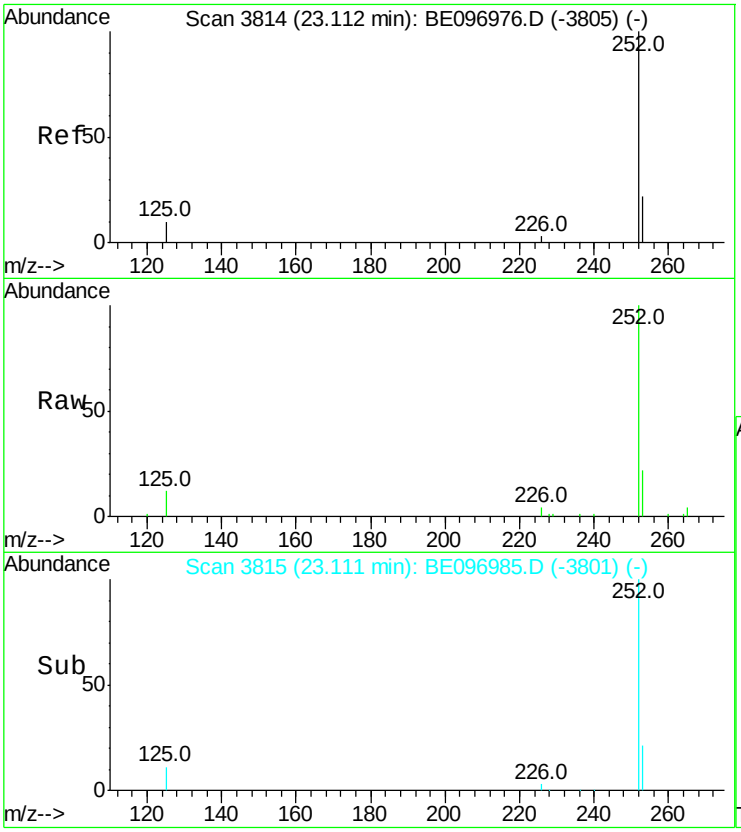


#22
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 22.58 min Scan# 3740
Delta R.T. -0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Tgt Ion:252 Resp: 14399

Ion	Ratio	Lower	Upper
252	100		
253	23.0	24.5	36.7#
125	10.8	13.7	20.5#



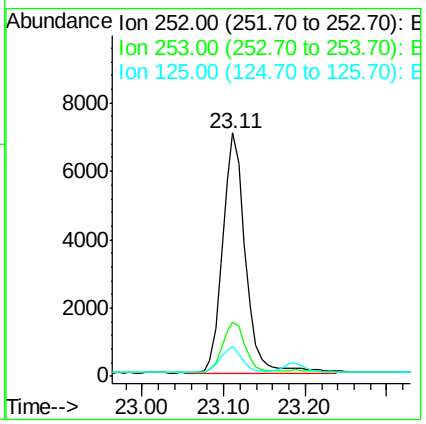


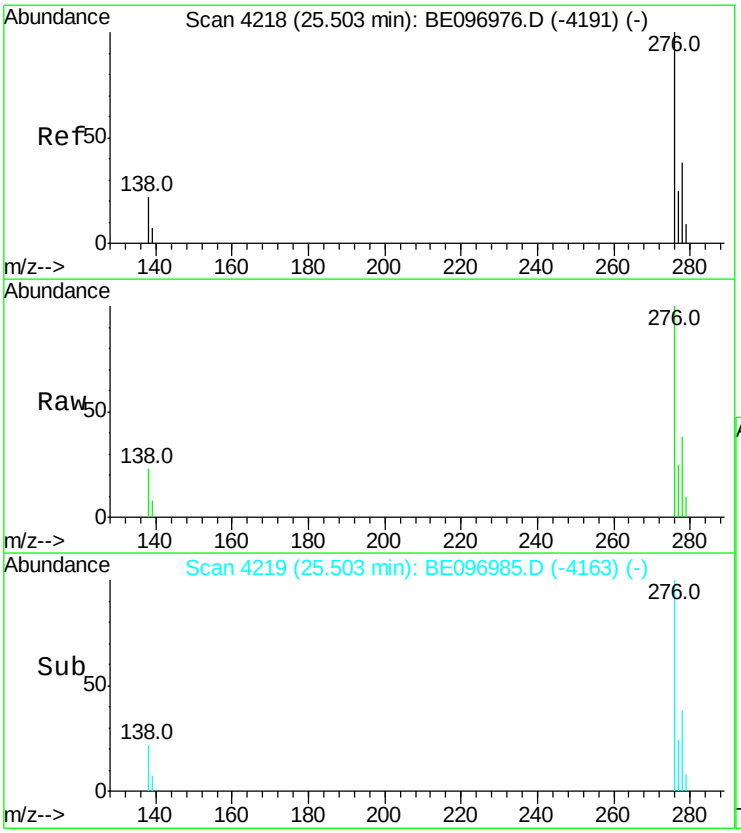
#23
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.11 min Scan# 3815
Delta R.T. -0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13615

Ion	Ratio	Lower	Upper
252	100		
253	22.3	28.5	42.7#
125	12.2	18.1	27.1#

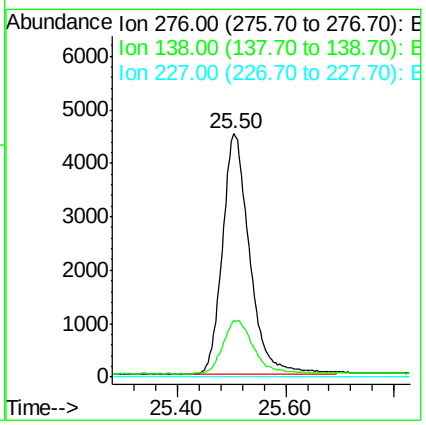


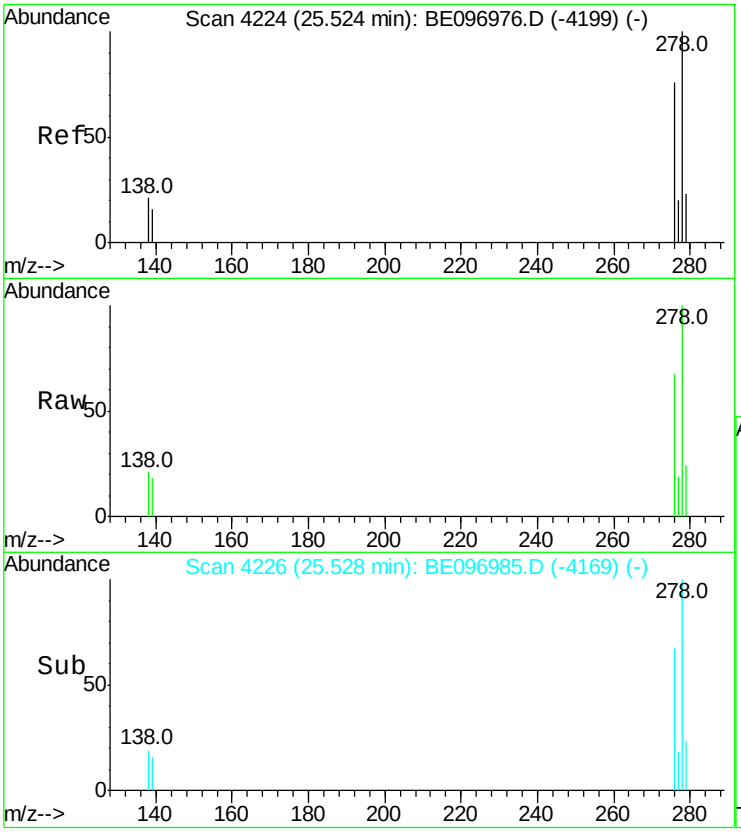


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.427 ng/ul
RT: 25.50 min Scan# 4219
Delta R.T. 0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Tgt Ion:276 Resp: 15738

Ion	Ratio	Lower	Upper
276	100		
138	24.9	28.0	42.0#
227	0.0	8.0	12.0#



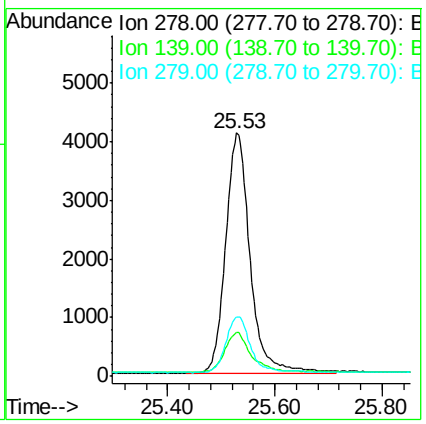


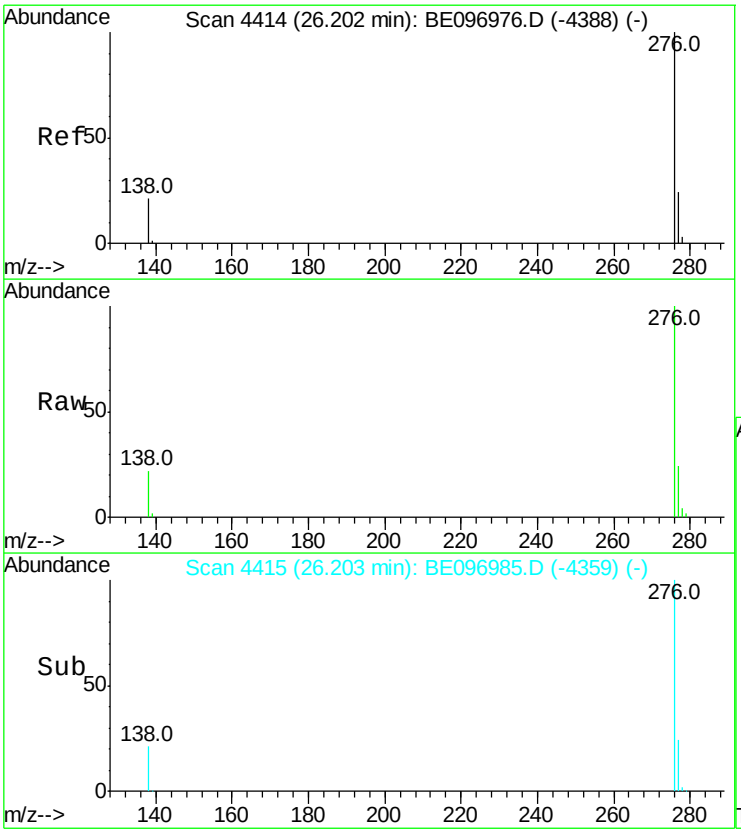
#25
Dibenzo(a,h)anthracene
Concen: 0.423 ng/ul
RT: 25.53 min Scan# 4226
Delta R.T. 0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 13025

Ion	Ratio	Lower	Upper
278	100		
139	18.0	17.4	26.0
279	24.5	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 26.20 min Scan# 4415
Delta R.T. 0.00 min
Lab File: BE096985.D
Acq: 18 Jul 2018 8:19

Tgt Ion:276 Resp: 13538

Ion	Ratio	Lower	Upper
276	100		
138	22.0	21.8	32.8
277	24.5	20.5	30.7