Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
Data File : BE096170.D
Acq On : 26 Apr 2018 4:32
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 26 06:42:16 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 26 06:40:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	1185	0.40	ng/ul	0.00
2) Naphthalene-d8	11.19	136	3783	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	28002	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.74	188	3251	0.40	ng/ul	0.08
16) Chrysene-d12	21.85	240	6090	0.40	ng/ul	0.10
20) Perylene-d12	24.48	264	10335	0.40	ng/ul	0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1959	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.77	212	1100	0.07	ng/ul	0.13
Target Compounds						Qvalue
3) Naphthalene	11.24	128	119648	11.359	ng/ul#	88
5) 2-Methylnaphthalene	12.82	142	511239	72.440	ng/ul	99
7) Acenaphthylene	14.68	152	177624	1.231	ng/ul#	88
8) Acenaphthene	15.05	153	3622195	34.802	ng/ul	95
9) Fluorene	16.04	166	6998700	50.821	ng/ul#	89
11) Pentachlorophenol	17.43	266	190	0.243	ng/ul	93
12) Phenanthrene	17.76	178	25486089	2662.668	ng/ul#	88
13) Anthracene	17.92	178	6932541	721.927	ng/ul#	93
15) Fluoranthene	19.74	202	17999448	1230.260	ng/ul	84
17) Pyrene	20.11	202	6375608	521.842	ng/ul#	81
18) Benzo(a)anthracene	21.86	228	4616195	250.370	ng/ul#	82
19) Chrysene	21.79	228	6063795	357.908	ng/ul	96
21) Benzo(b)fluoranthene	23.63	252	4892773	125.027	ng/ul	84
22) Benzo(k)fluoranthene	23.63	252	4565468	122.037	ng/ul#	86
23) Benzo(a)pyrene	24.33	252	2283003	67.152	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.23	276	834570	18.219	ng/ul#	71
25) Dibenzo(a,h)anthracene	27.32	278	93091	2.427	ng/ul#	93
26) Benzo(g,h,i)perylene	28.10	276	700570	17.569	ng/ul#	90

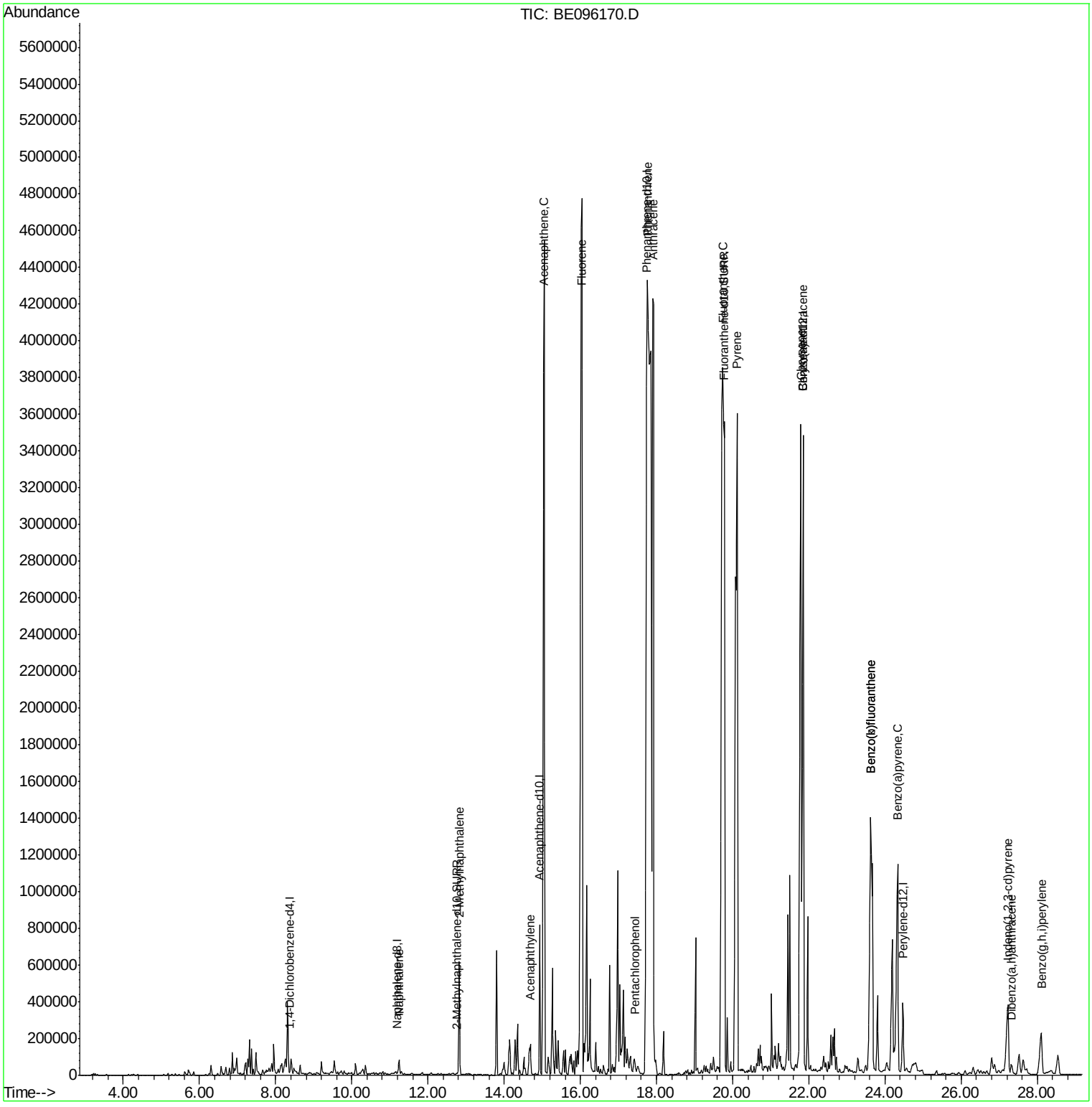
(#) = qualifier out of range (m) = manual integration (+) = signals summed

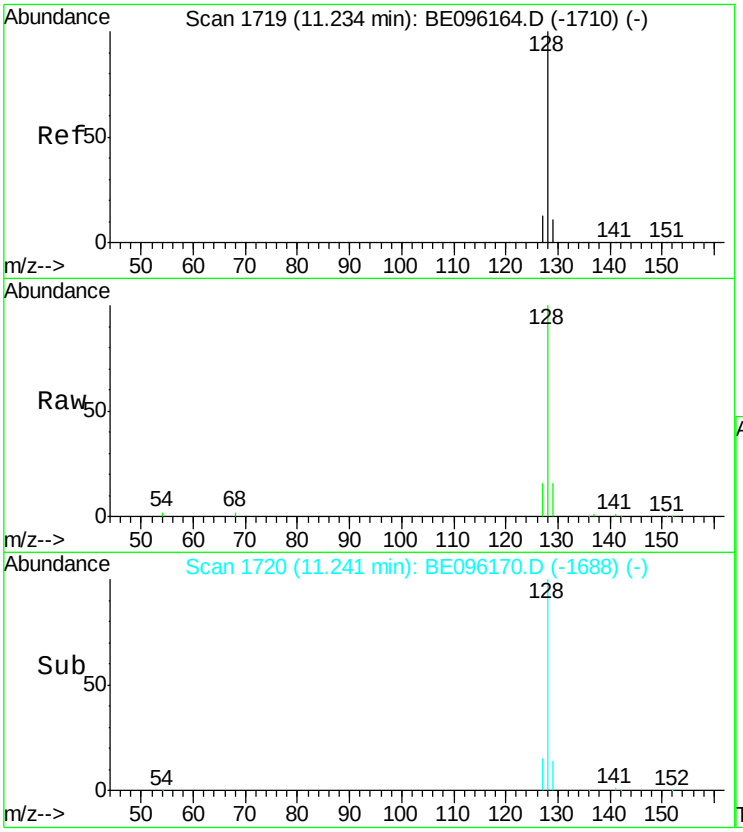
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
Data File : BE096170.D
Acq On : 26 Apr 2018 4:32
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 26 06:42:16 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 26 06:40:54 2018
Response via : Initial Calibration



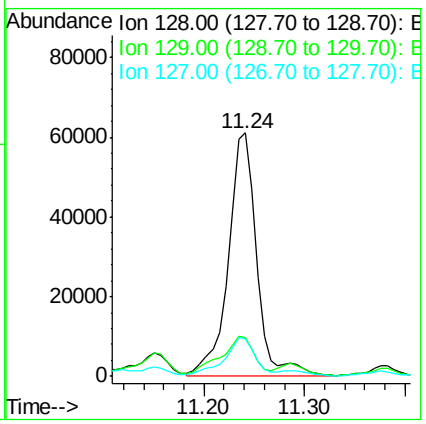


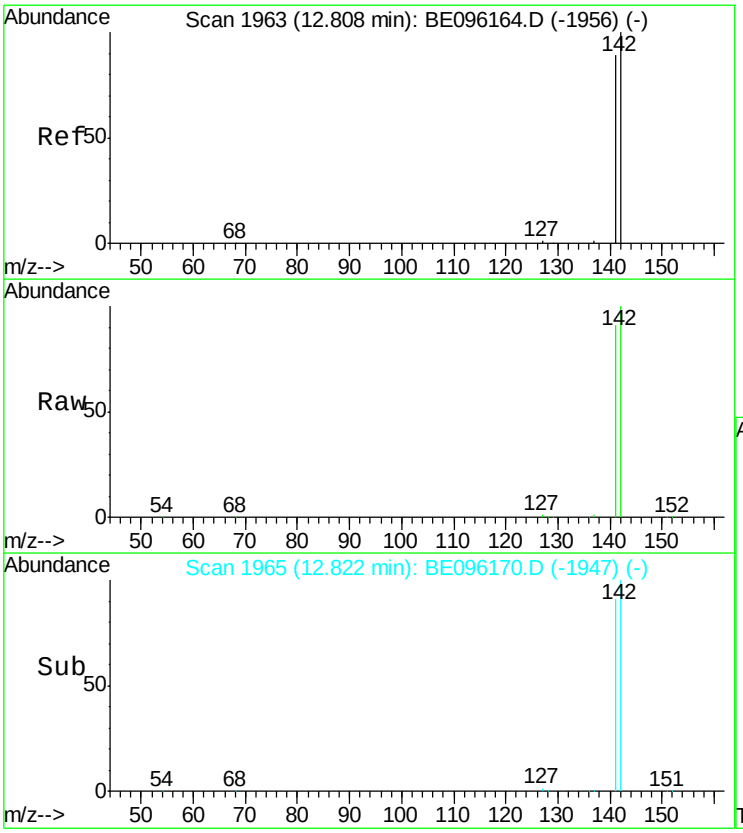
#3
Naphthalene
Concen: 11.359 ng/ul
RT: 11.24 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 119648

Ion	Ratio	Lower	Upper
128	100		
129	15.9	11.3	16.9
127	15.5	4.0	6.0#

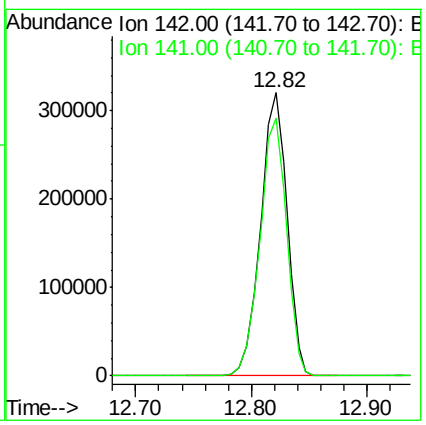


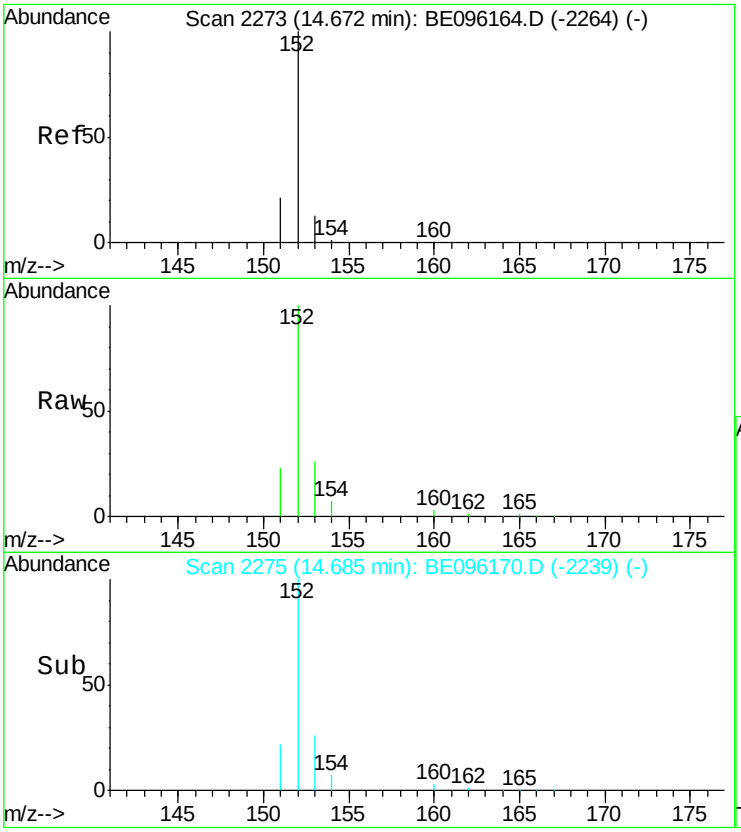


#5
2-Methylnaphthalene
Concen: 72.440 ng/ul
RT: 12.82 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:142 Resp: 511239

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.6	108.8



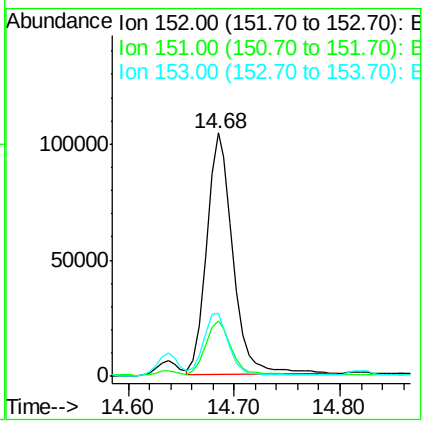


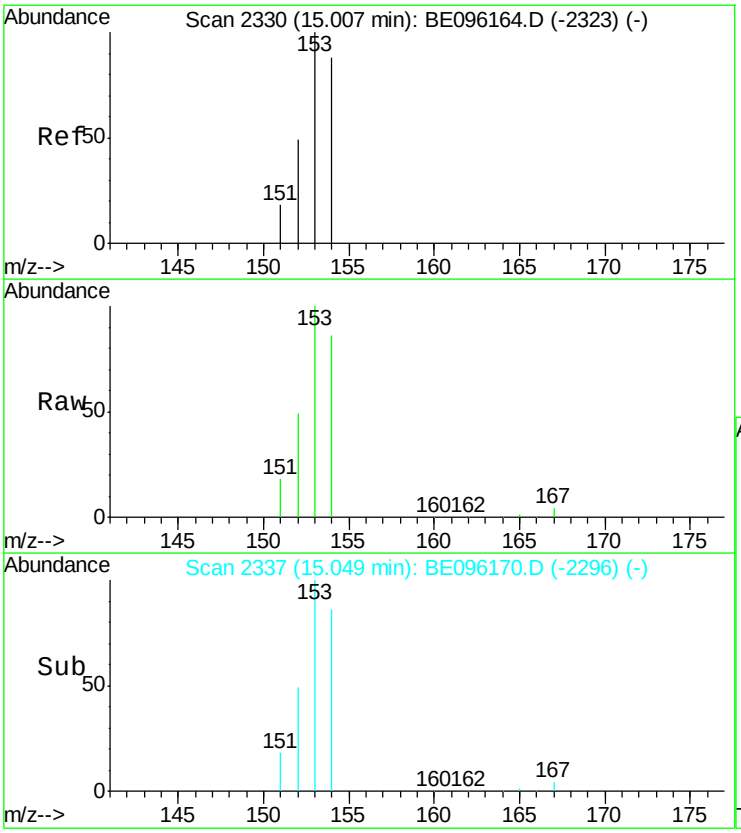
#7
Acenaphthylene
Concen: 1.231 ng/ul
RT: 14.68 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 177624

Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.1	25.7
153	26.0	12.8	19.2#

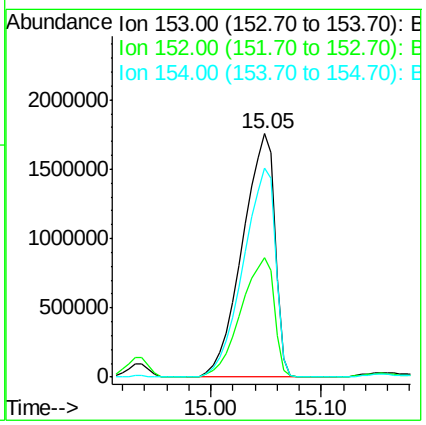


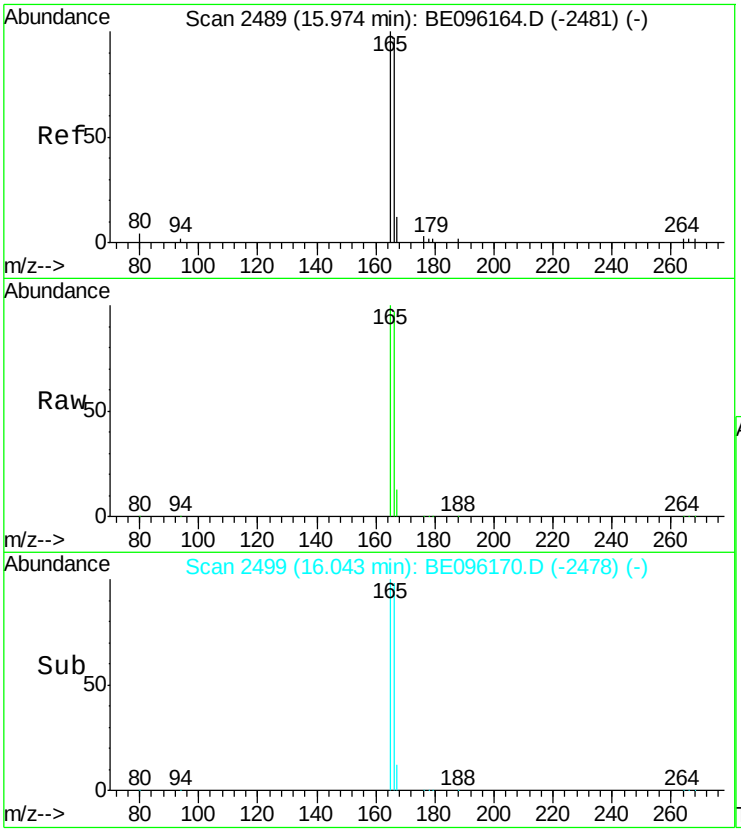


#8
Acenaphthene
Concen: 34.802 ng/ul
RT: 15.05 min Scan# 2337
Delta R.T. 0.04 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:153 Resp: 3622195

Ion	Ratio	Lower	Upper
153	100		
152	49.2	36.0	54.0
154	85.9	72.0	108.0



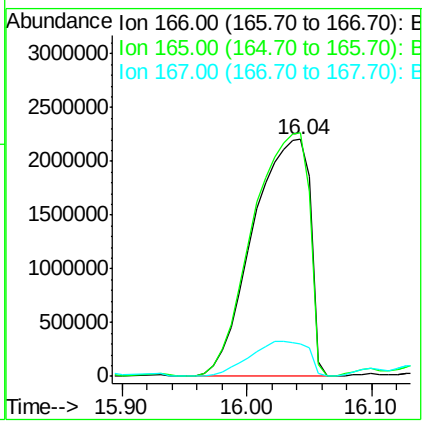


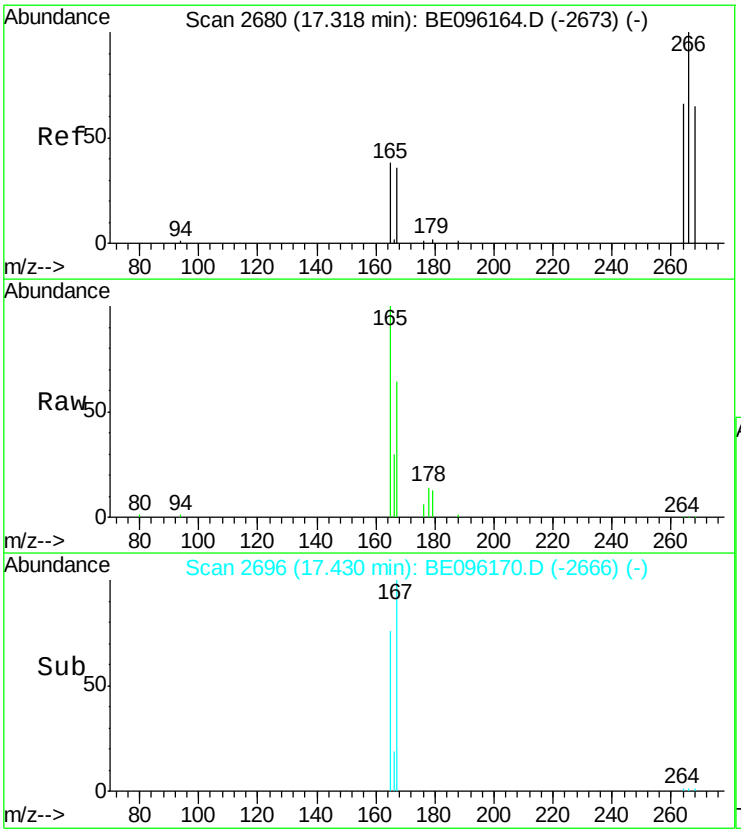
#9
Fluorene
Concen: 50.821 ng/ul
RT: 16.04 min Scan# 2499
Delta R.T. 0.07 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 6998700

Ion	Ratio	Lower	Upper
166	100		
165	102.8	73.4	110.2
167	13.8	14.6	22.0#

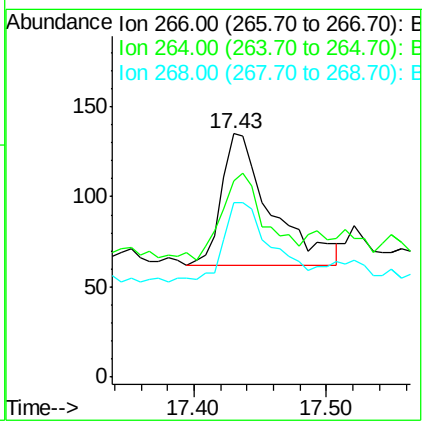


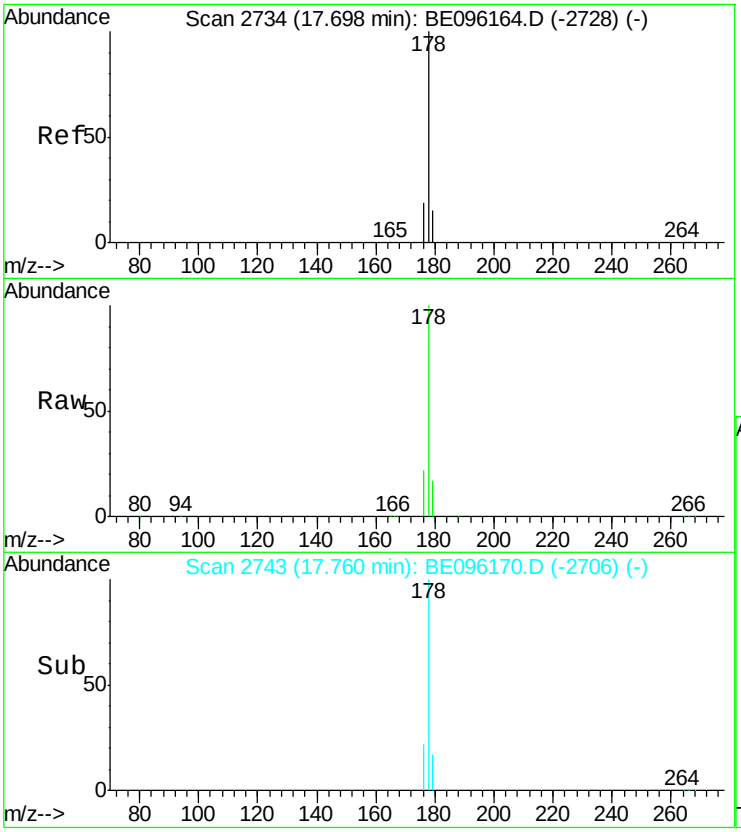


#11
Pentachlorophenol
Concen: 0.243 ng/ul
RT: 17.43 min Scan# 2696
Delta R.T. 0.11 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:266 Resp: 190

Ion	Ratio	Lower	Upper
266	100		
264	52.1	47.9	71.9
268	58.9	49.8	74.8



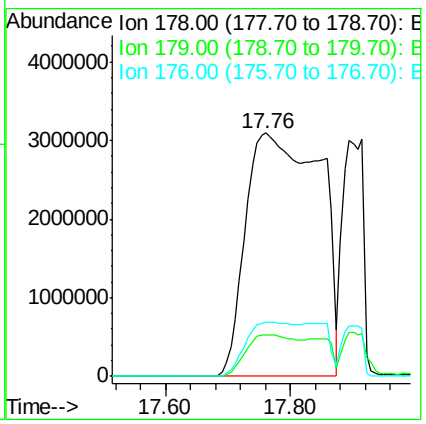


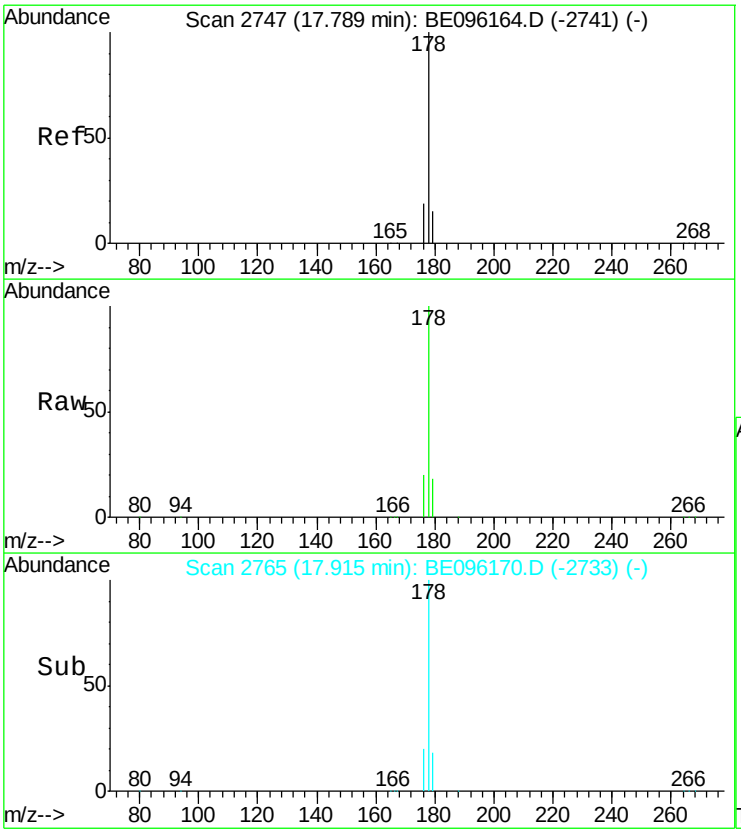
#12
Phenanthrene
Concen: 2662.668 ng/ul
RT: 17.76 min Scan# 2743
Delta R.T. 0.06 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp:25486089

Ion	Ratio	Lower	Upper
178	100		
179	17.2	18.4	27.6#
176	22.3	13.6	20.4#

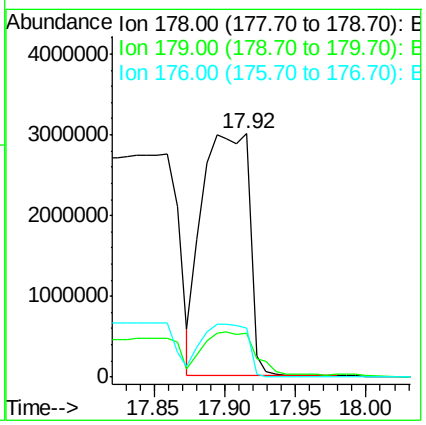


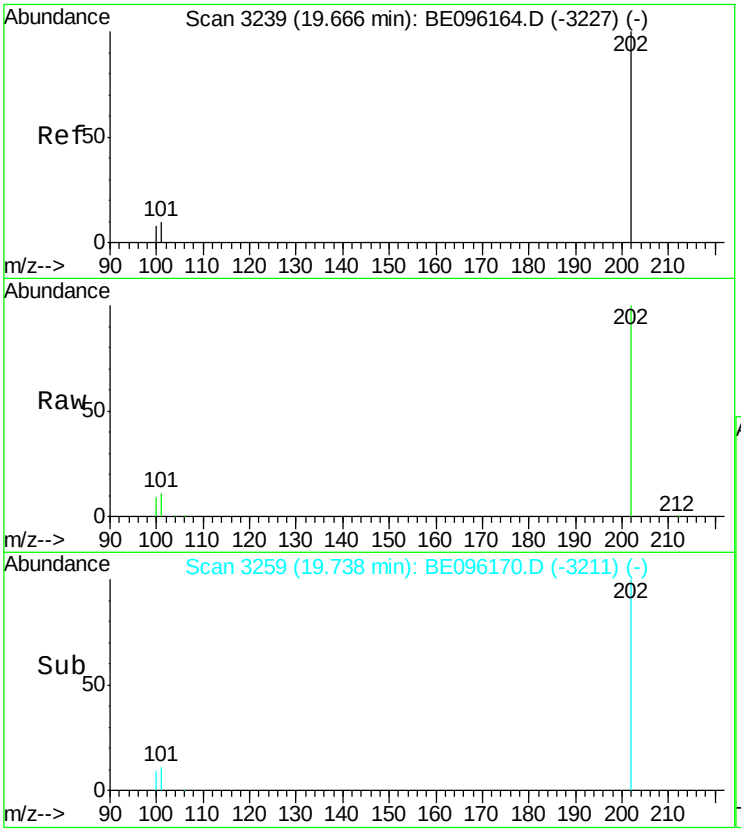


#13
Anthracene
Concen: 721.927 ng/ul
RT: 17.92 min Scan# 2765
Delta R.T. 0.13 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:178 Resp: 6932541

Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.1	27.1#
176	20.4	14.7	22.1



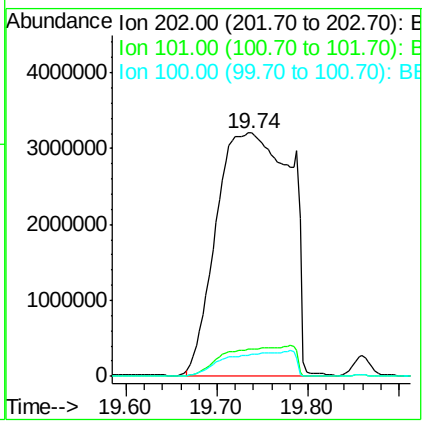


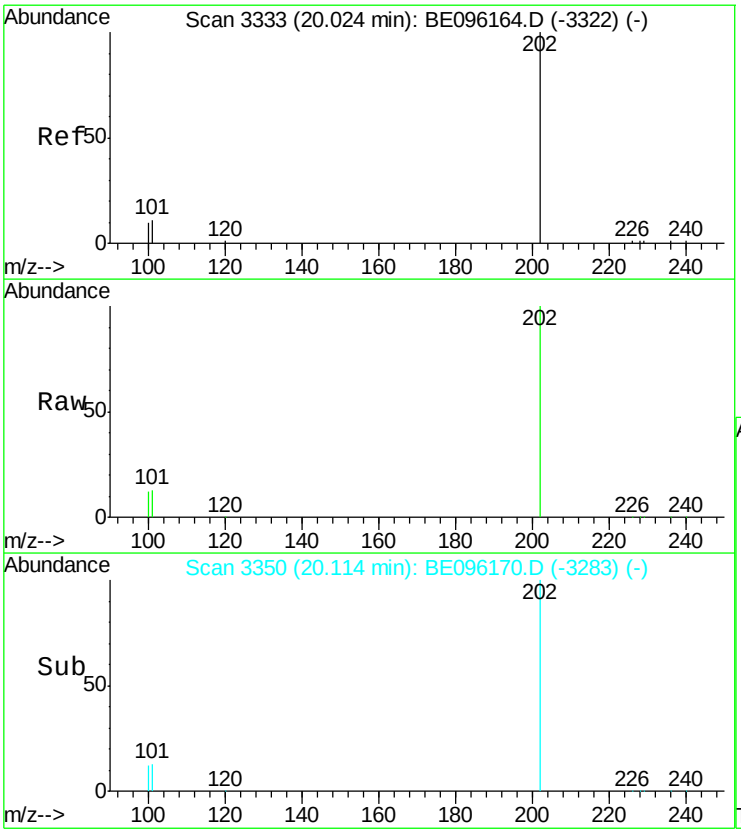
#15
Fluoranthene
Concen: 1230.260 ng/ul
RT: 19.74 min Scan# 3259
Delta R.T. 0.07 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp:17999448

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	9.0	0.0	39.5

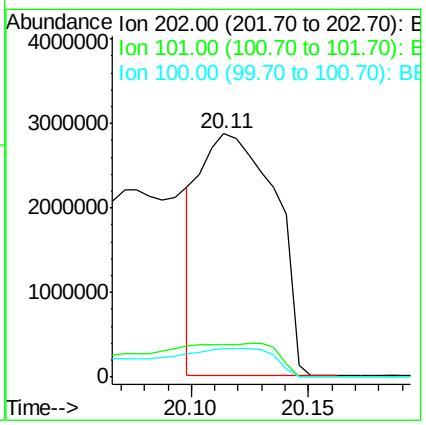


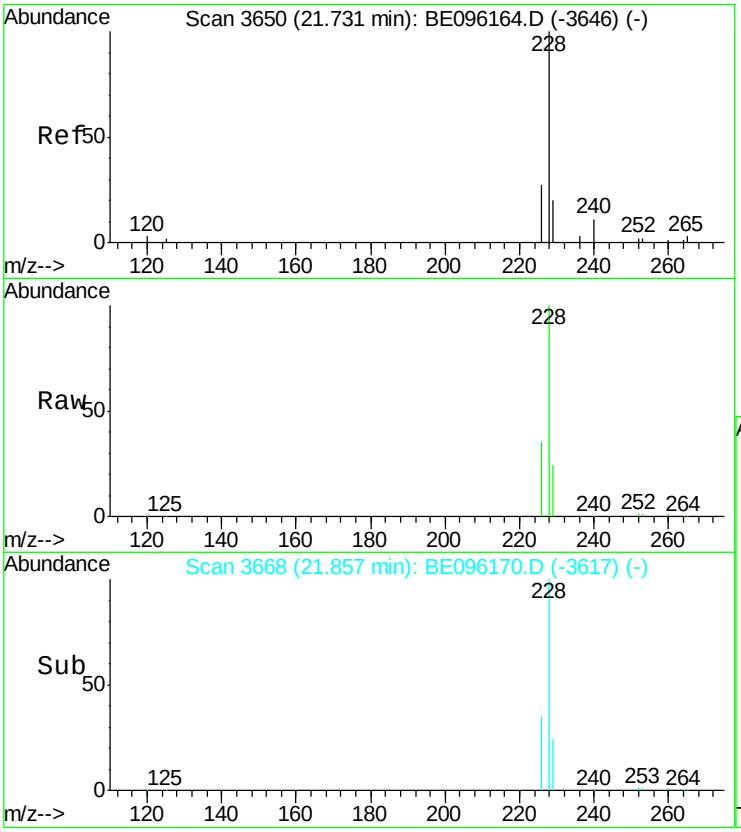


#17
Pyrene
Concen: 521.842 ng/ul
RT: 20.11 min Scan# 3350
Delta R.T. 0.09 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:202 Resp: 6375608

Ion	Ratio	Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	11.5	15.6	23.4#



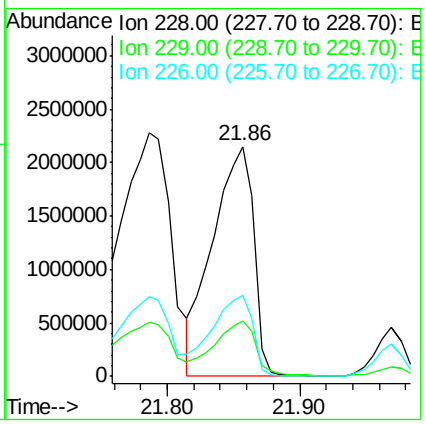


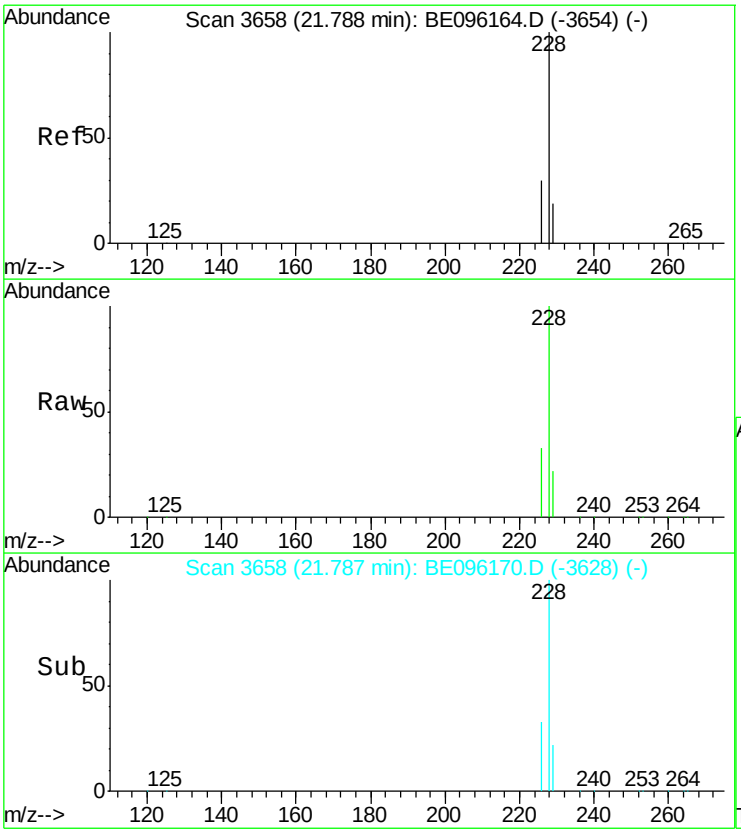
#18
Benzo(a)anthracene
Concen: 250.370 ng/ul
RT: 21.86 min Scan# 3668
Delta R.T. 0.13 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4616195

Ion	Ratio	Lower	Upper
228	100		
229	24.0	22.8	34.2
226	35.3	17.0	25.6#

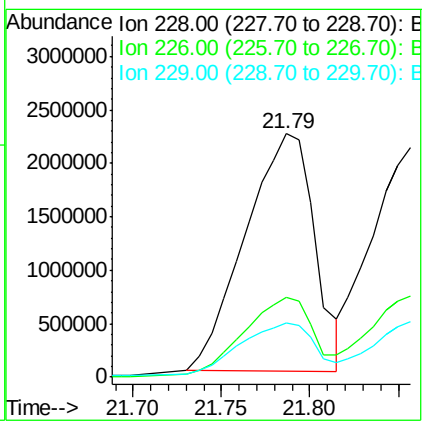


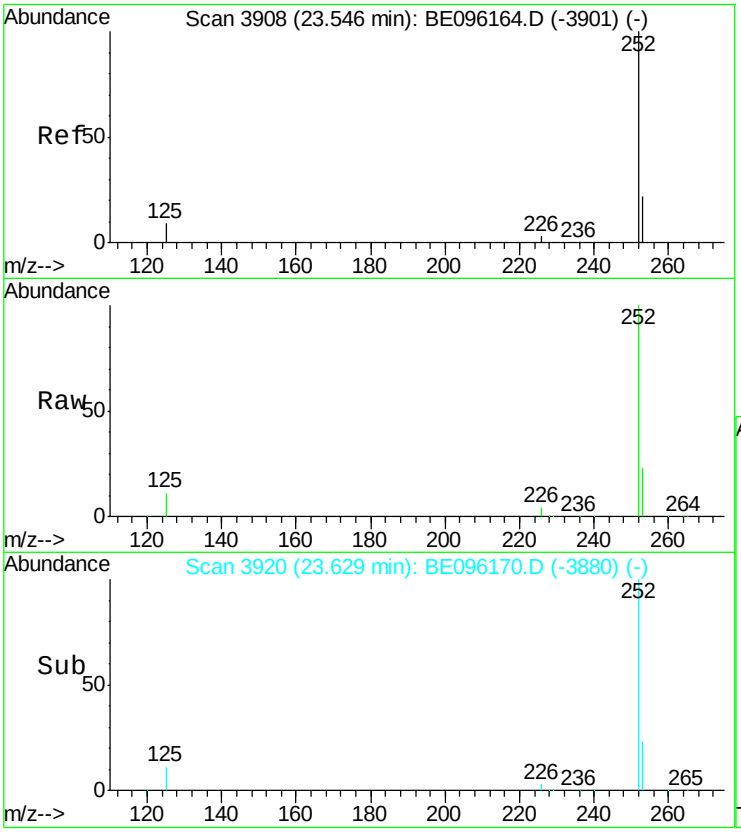


#19
Chrysene
Concen: 357.908 ng/ul
RT: 21.79 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:228 Resp: 6063795

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.4	35.0
229	22.1	17.7	26.5



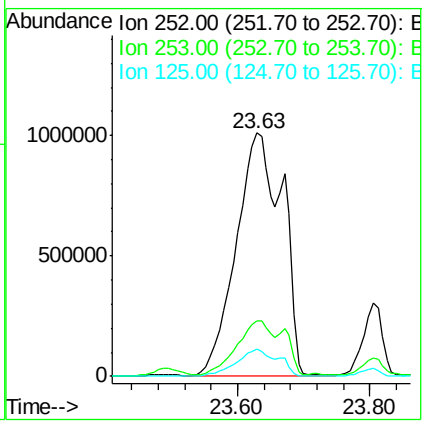


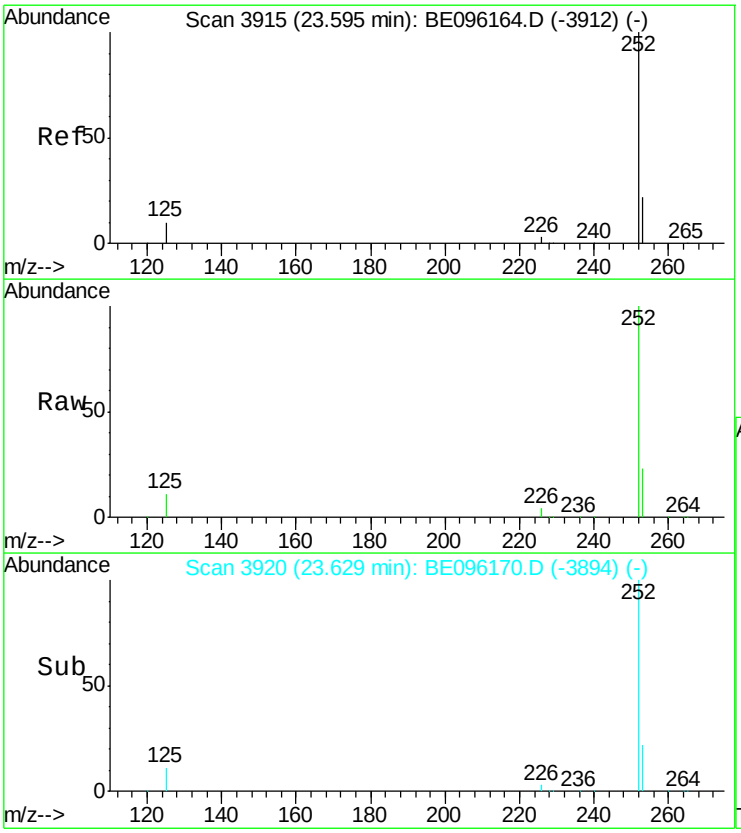
#21
Benzo(b)fluoranthene
Concen: 125.027 ng/ul
RT: 23.63 min Scan# 3920
Delta R.T. 0.08 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4892773

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	11.0	0.0	35.0

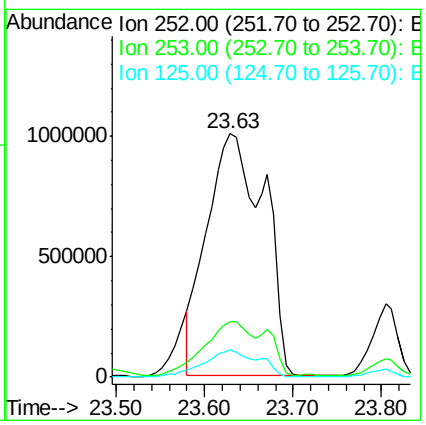


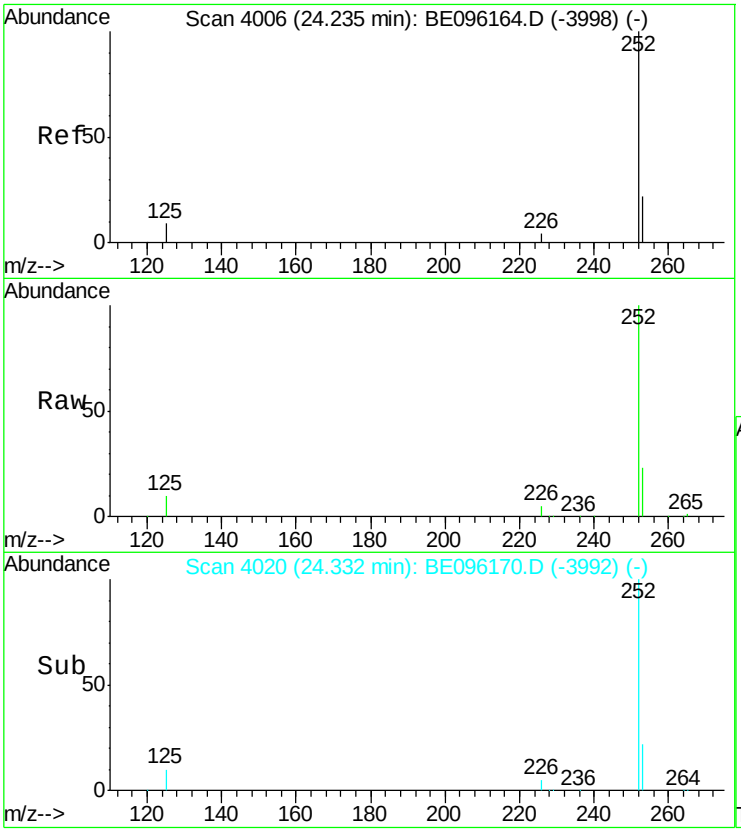


#22
Benzo(k)fluoranthene
Concen: 122.037 ng/ul
RT: 23.63 min Scan# 3920
Delta R.T. 0.03 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:252 Resp: 4565468

Ion	Ratio	Lower	Upper
252	100		
253	22.8	24.5	36.7#
125	11.0	13.7	20.5#



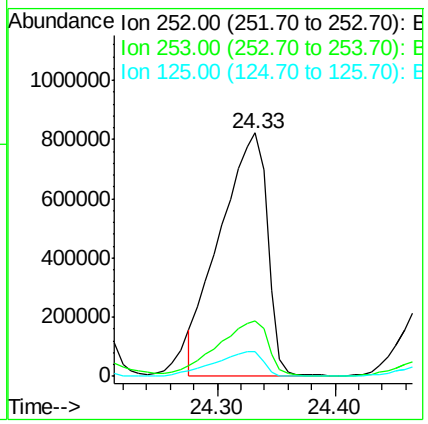


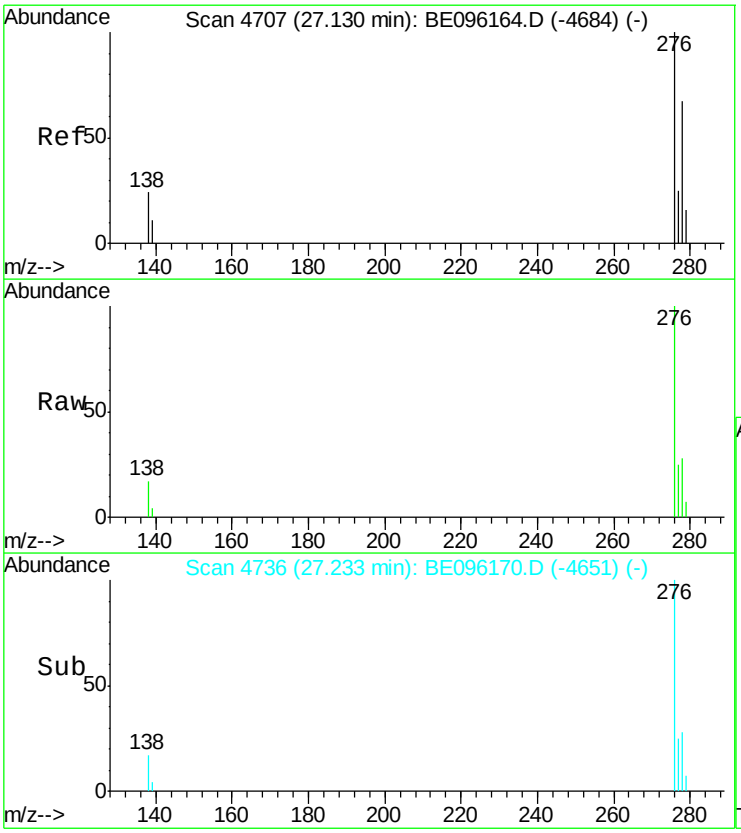
#23
Benzo(a)pyrene
Concen: 67.152 ng/ul
RT: 24.33 min Scan# 4020
Delta R.T. 0.10 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2283003

Ion	Ratio	Lower	Upper
252	100		
253	22.8	28.5	42.7#
125	10.0	18.1	27.1#

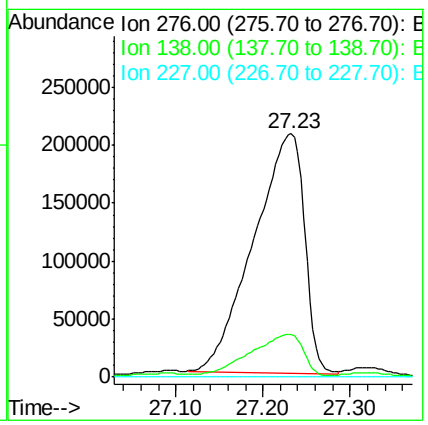


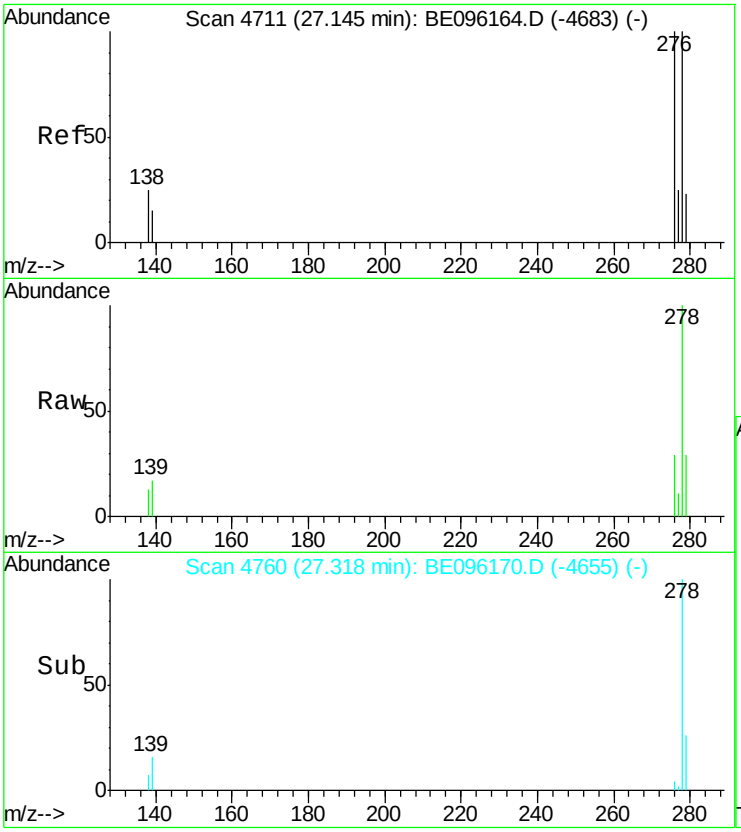


#24
Indeno(1,2,3-cd)pyrene
Concen: 18.219 ng/ul
RT: 27.23 min Scan# 4736
Delta R.T. 0.10 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:276 Resp: 834570

Ion	Ratio	Lower	Upper
276	100		
138	17.6	28.0	42.0#
227	0.0	8.0	12.0#



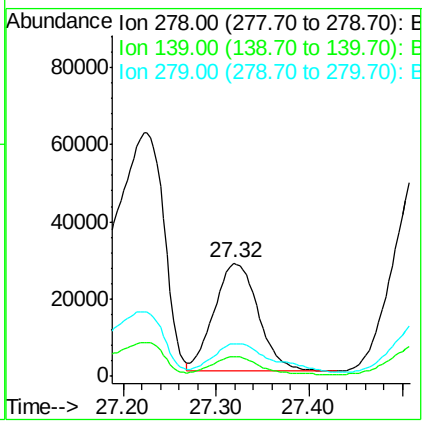


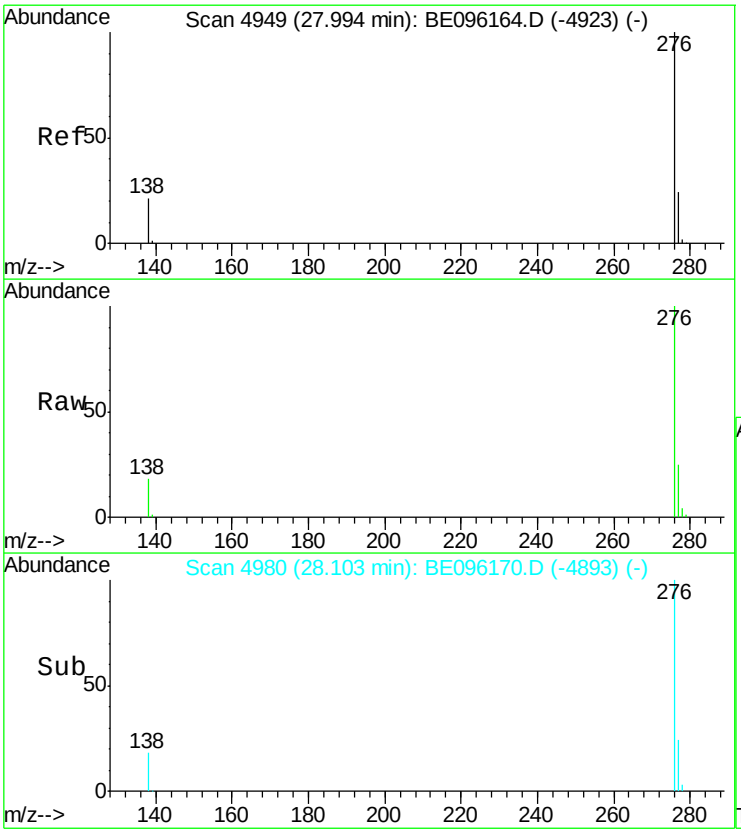
#25
Dibenzo(a,h)anthracene
Concen: 2.427 ng/ul
RT: 27.32 min Scan# 4760
Delta R.T. 0.17 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 93091

Ion	Ratio	Lower	Upper
278	100		
139	17.3	17.4	26.0#
279	29.0	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 17.569 ng/ul
RT: 28.10 min Scan# 4980
Delta R.T. 0.11 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:276 Resp: 700570

Ion	Ratio	Lower	Upper
276	100		
138	18.4	21.8	32.8#
277	24.5	20.5	30.7