Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095294.D
Acq On : 31 Jan 2018 1:18
Operator : SJ/JU
Sample : J1221-07DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 31 03:44:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 03:40:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2286	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7191	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4430	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9502	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9870	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	9958	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	905	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2444	0.07	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.74	152	654	0.031	ng/ul#	71
11) Pentachlorophenol	17.36	266	14084	7.653	ng/ul	95
12) Phenanthrene	17.75	178	5851	0.183	ng/ul#	89
13) Anthracene	17.85	178	2110	0.072	ng/ul#	95
15) Fluoranthene	19.72	202	24676	0.596	ng/ul	85
17) Pyrene	20.08	202	21156	0.639	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	6646	0.215	ng/ul#	90
19) Chrysene	21.84	228	8478	0.265	ng/ul#	90
21) Benzo(b)fluoranthene	23.62	252	17258	0.491	ng/ul	85
22) Benzo(k)fluoranthene	23.62	252	17271	0.537	ng/ul#	86
23) Benzo(a)pyrene	24.32	252	2981	0.095	ng/ul#	63
24) Indeno(1,2,3-cd)pyrene	27.24	276	3194	0.093	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.26	278	740	0.026	ng/ul#	9
26) Benzo(g,h,i)perylene	28.12	276	2570	0.088	ng/ul#	84

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

Quantitation Report (Not Reviewed)

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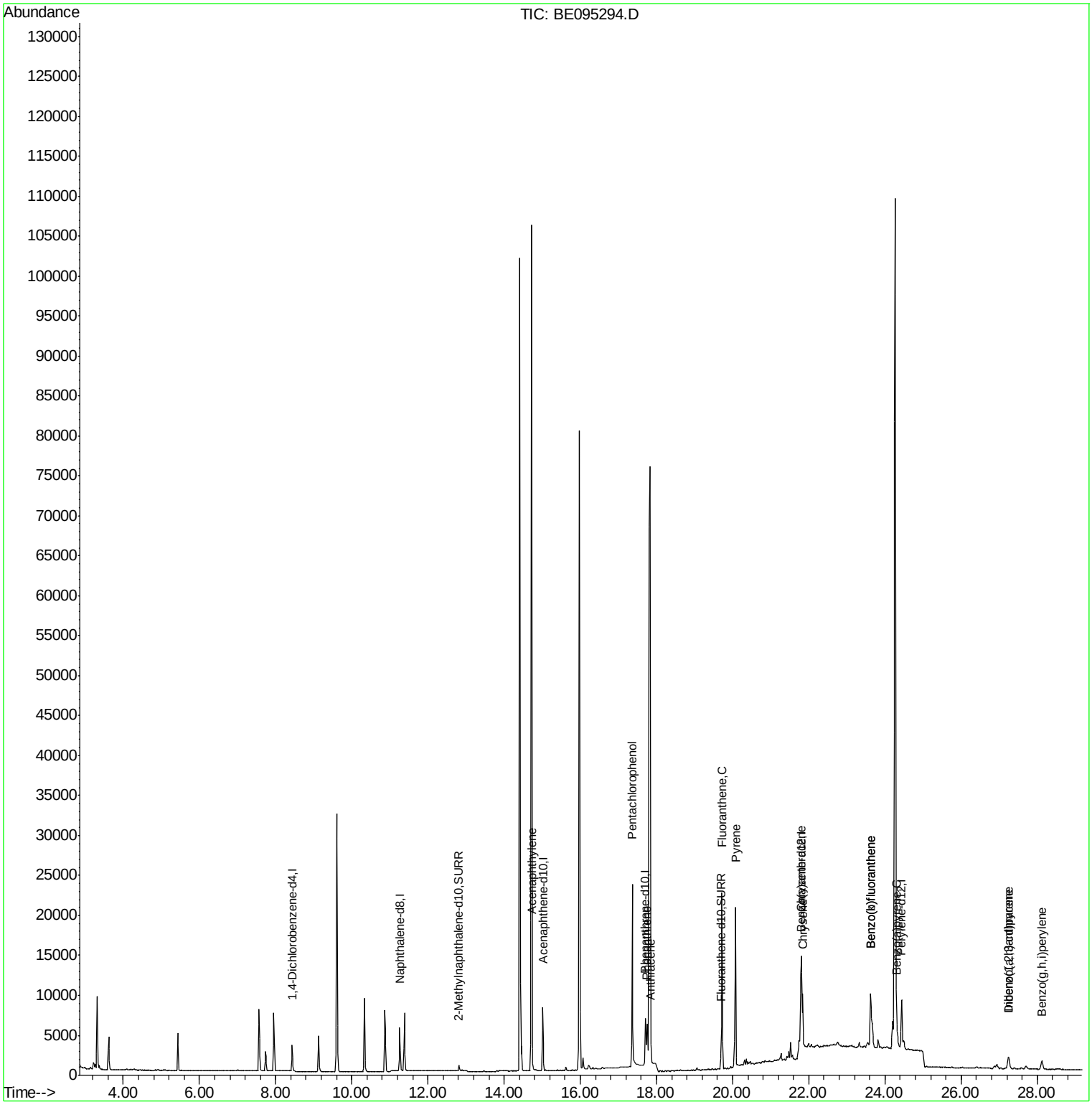
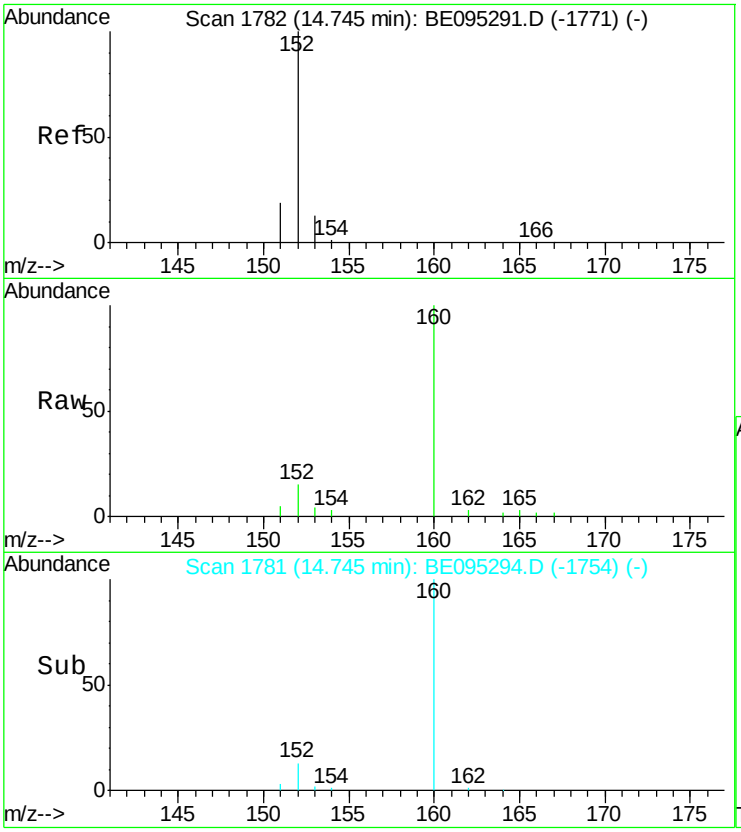
Operator : SJ/JU
Sample : J1221-07DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 31 03:44:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 03:40:45 2018
Response via : Initial Calibration



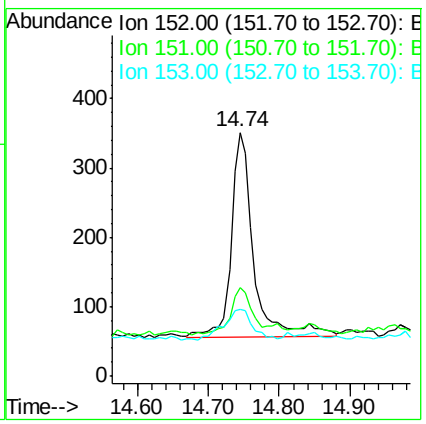


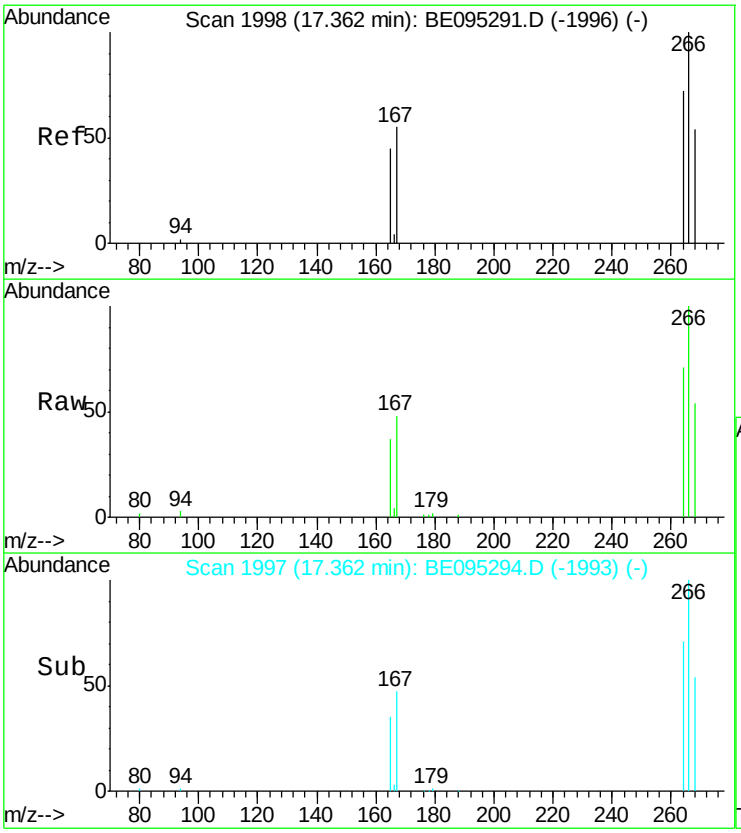
#7
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.74 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 654

Ion	Ratio	Lower	Upper
152	100		
151	36.2	17.1	25.7#
153	27.4	12.8	19.2#

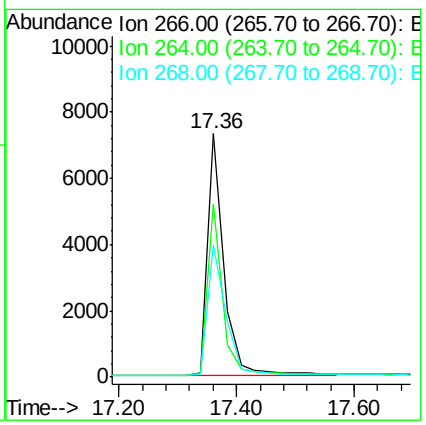


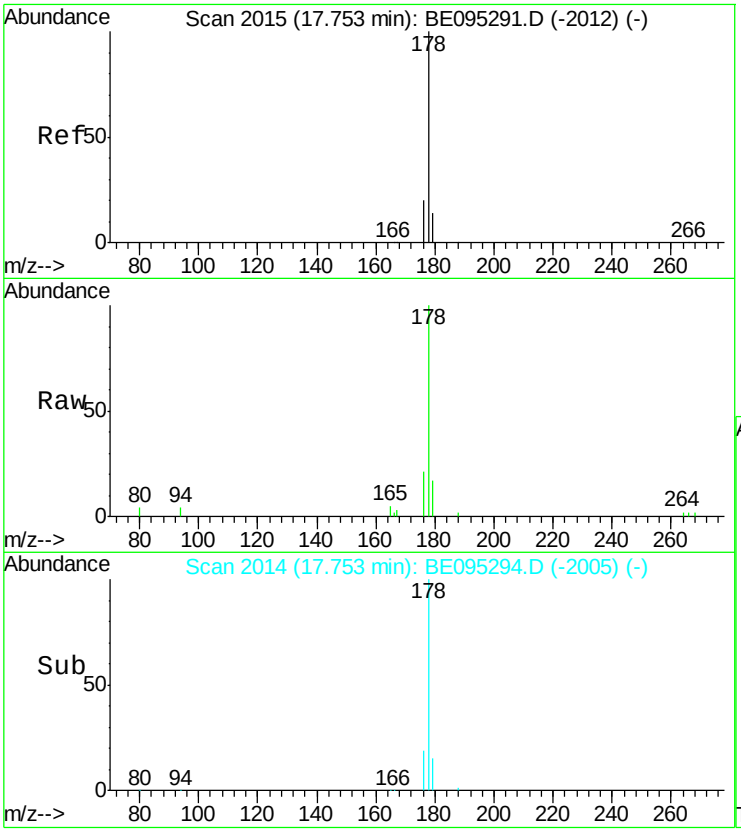


#11
Pentachlorophenol
Concen: 7.653 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Tgt Ion:266 Resp: 14084

Ion	Ratio	Lower	Upper
266	100		
264	65.8	47.9	71.9
268	60.6	49.8	74.8



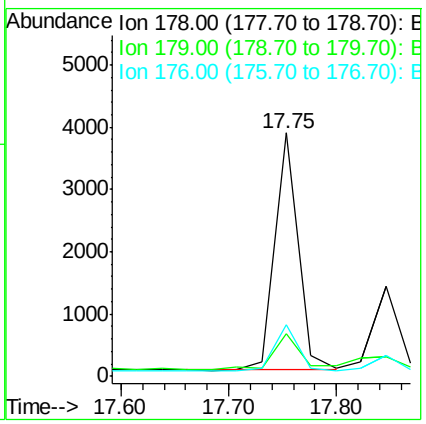


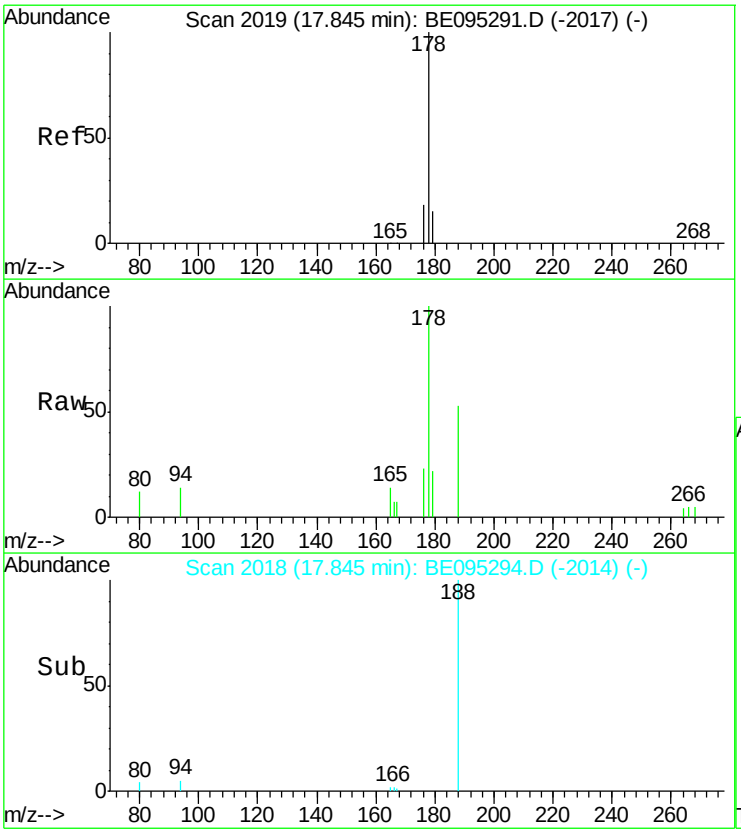
#12
Phenanthrene
Concen: 0.183 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5851

Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.4	27.6#
176	21.1	13.6	20.4#

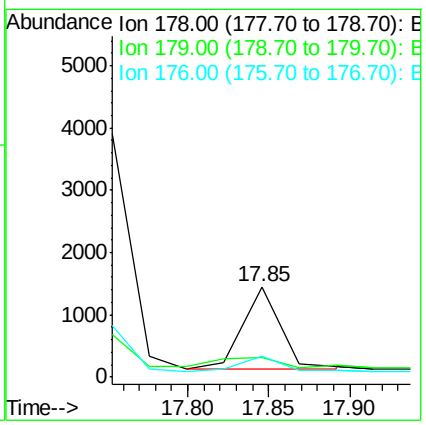


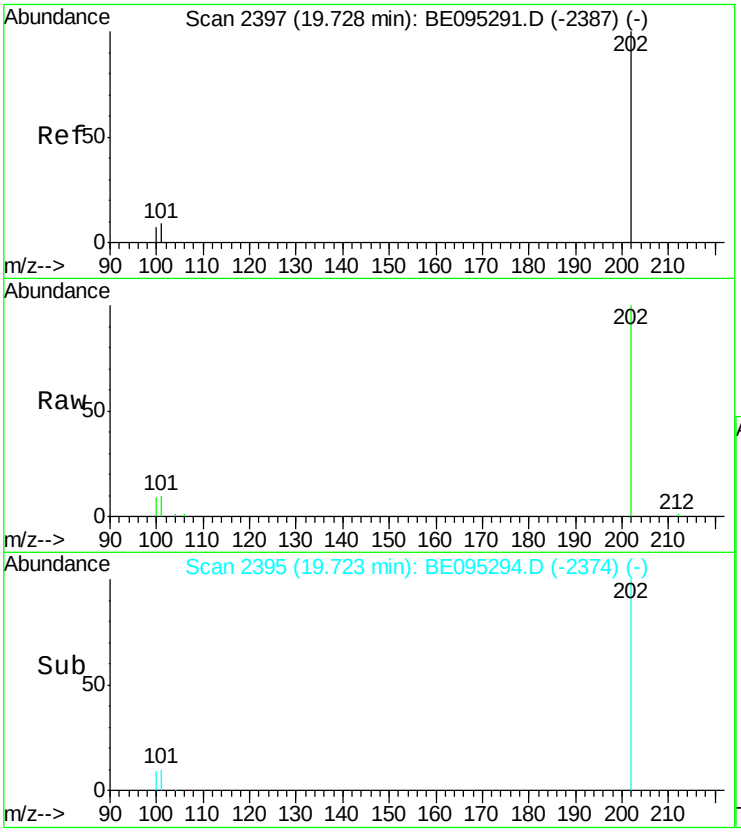


#13
Anthracene
Concen: 0.072 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Tgt Ion:178 Resp: 2110

Ion	Ratio	Lower	Upper
178	100		
179	22.4	18.1	27.1
176	23.0	14.7	22.1#



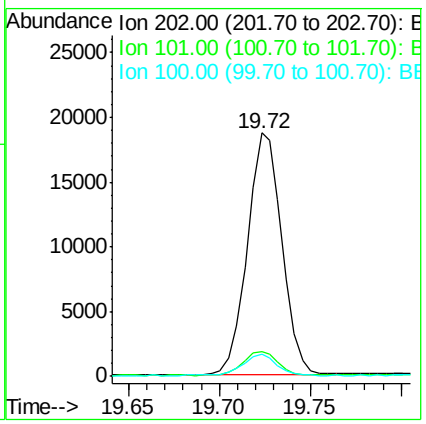


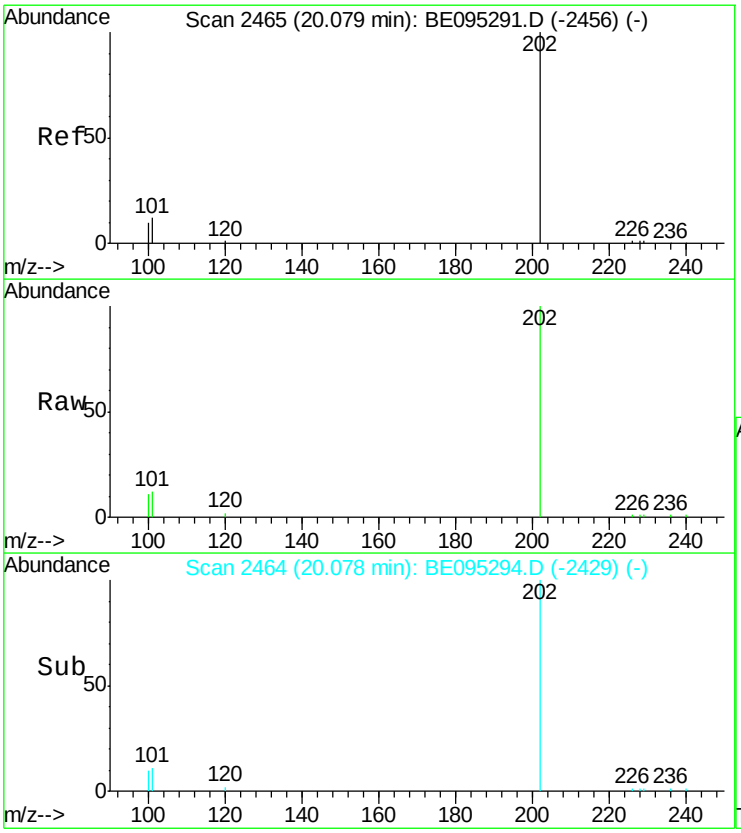
#15
Fluoranthene
Concen: 0.596 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 24676

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
100	8.9	0.0	39.5

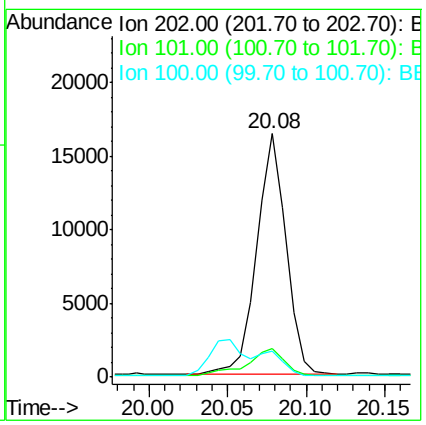


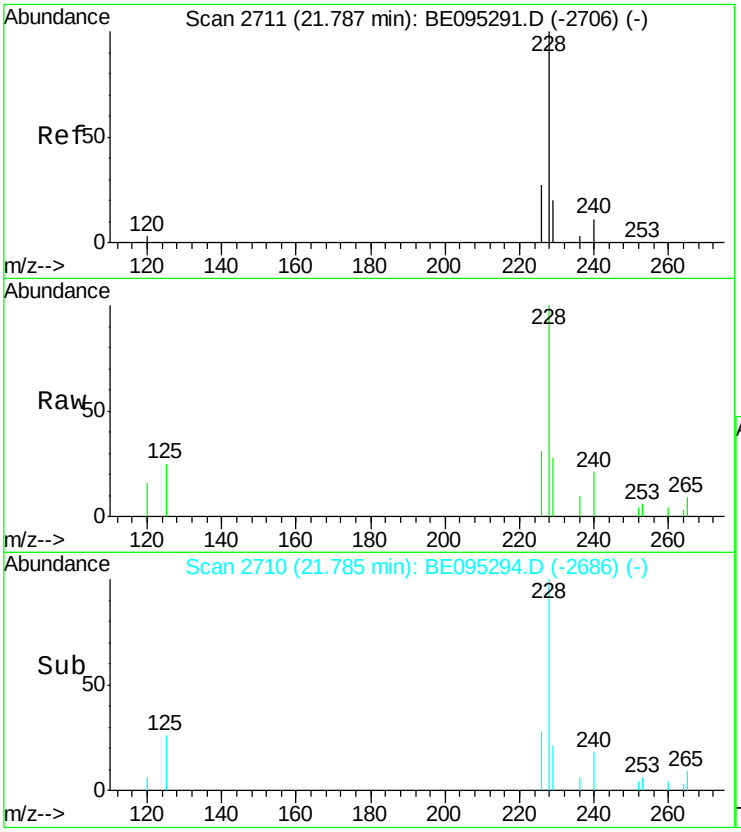


#17
Pyrene
Concen: 0.639 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Tgt Ion:202 Resp: 21156

Ion	Ratio	Lower	Upper
202	100		
101	11.7	18.2	27.4#
100	10.5	15.6	23.4#



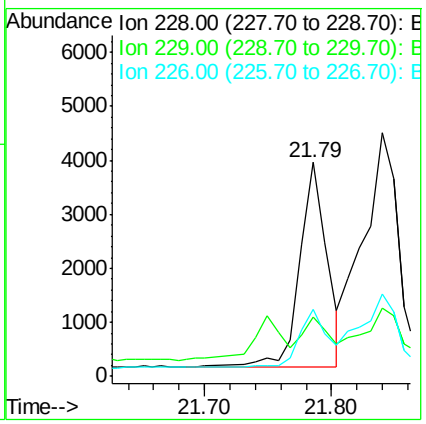


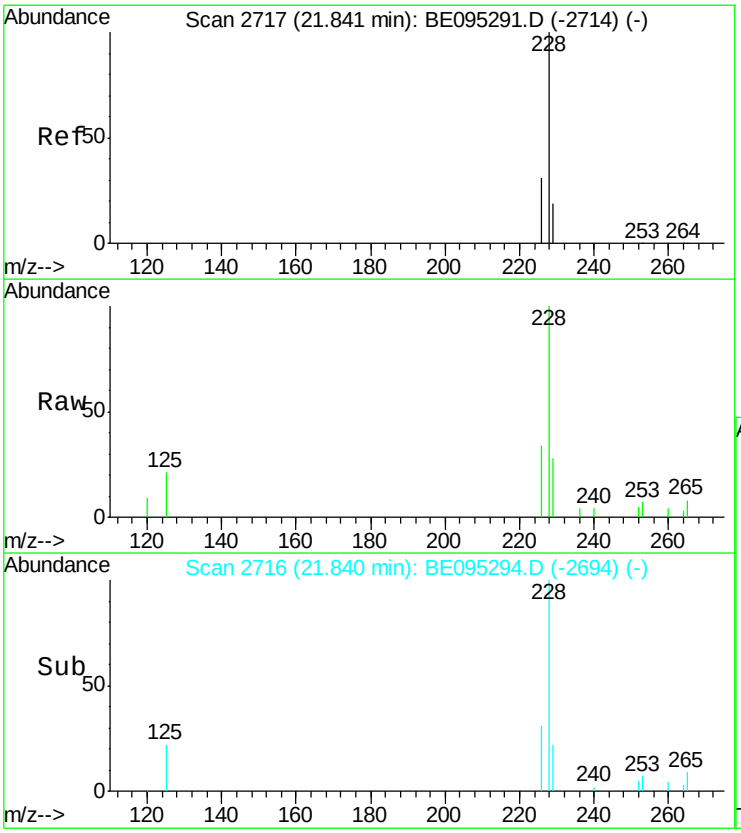
#18
Benzo(a)anthracene
Concen: 0.215 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6646

Ion	Ratio	Lower	Upper
228	100		
229	27.9	22.8	34.2
226	31.2	17.0	25.6#

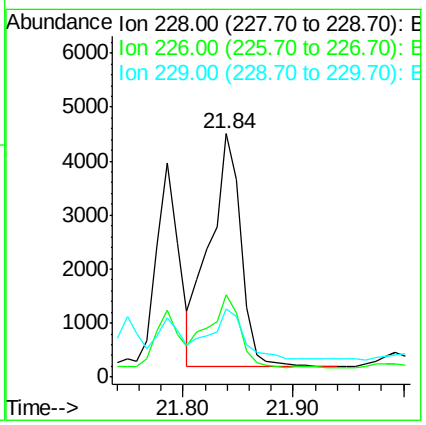


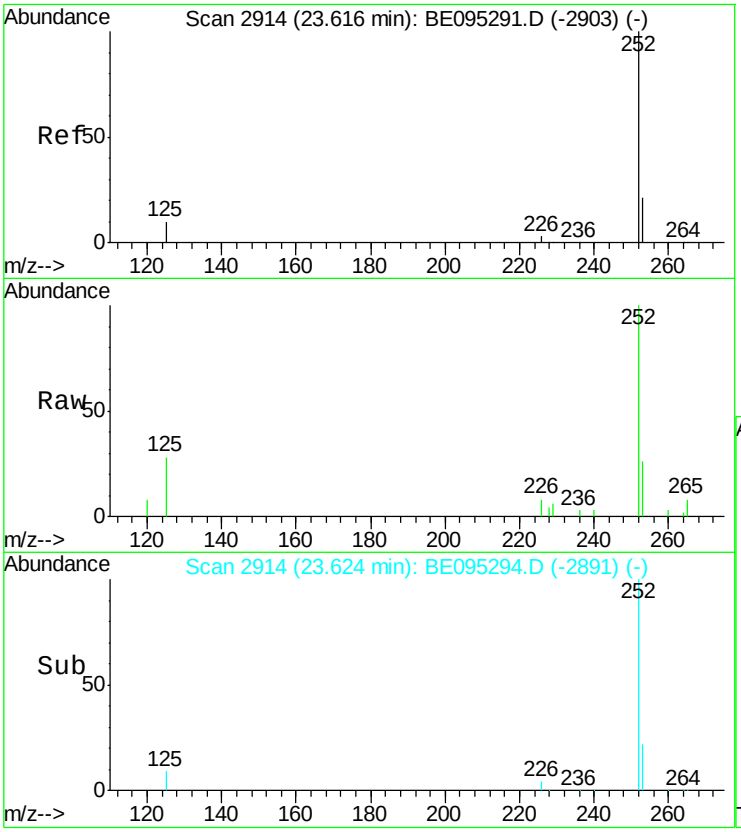


#19
Chrysene
Concen: 0.265 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Tgt Ion:228 Resp: 8478

Ion	Ratio	Lower	Upper
228	100		
226	33.8	23.4	35.0
229	27.9	17.7	26.5#



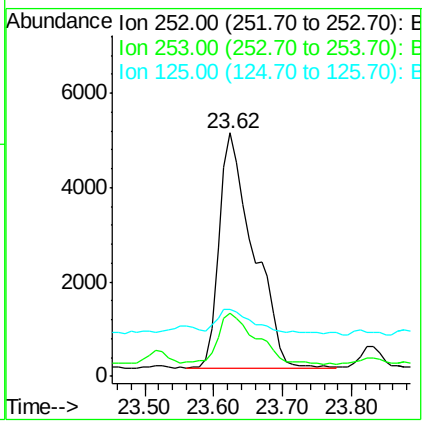


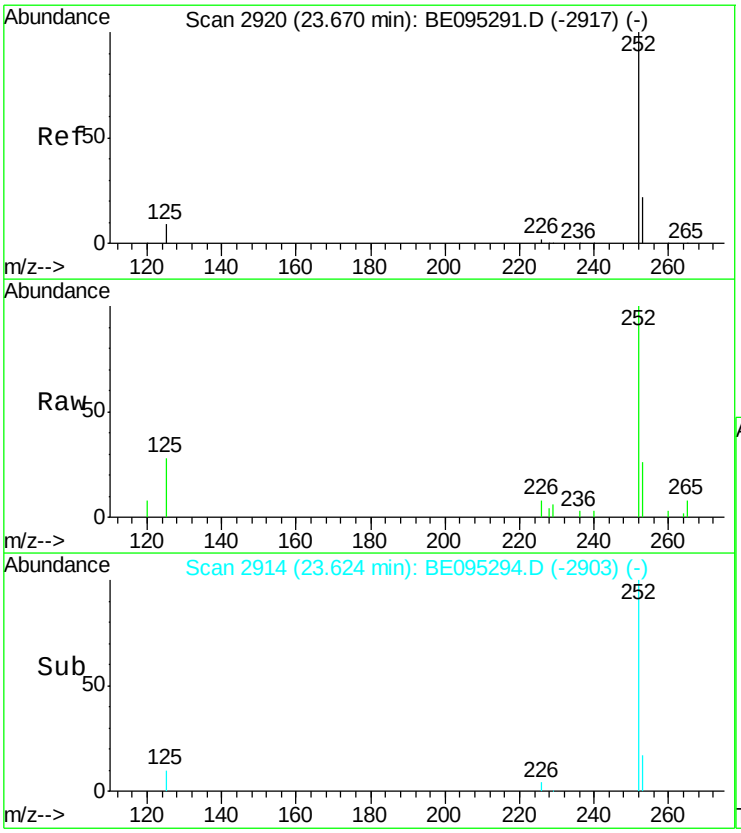
#21
Benzo(b)fluoranthene
Concen: 0.491 ng/ul
RT: 23.62 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17258

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	64.2
125	27.7	0.0	35.0

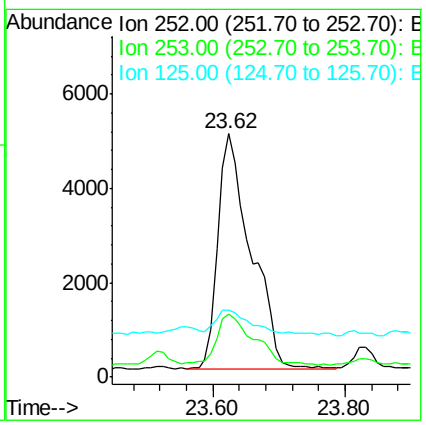


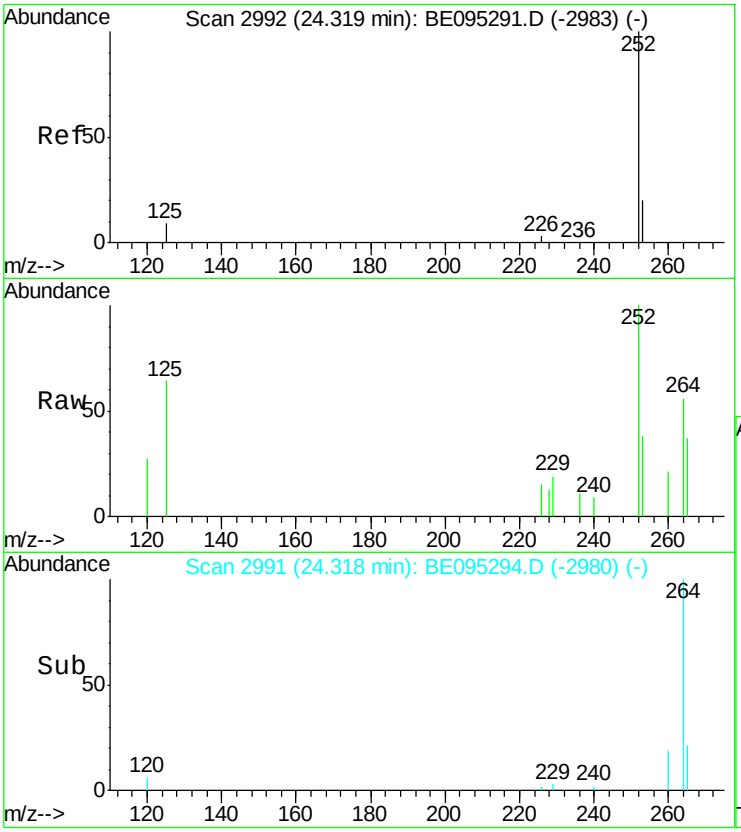


#22
Benzo(k)fluoranthene
Concen: 0.537 ng/ul
RT: 23.62 min Scan# 2914
Delta R.T. -0.05 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Tgt Ion:252 Resp: 17271

Ion	Ratio	Lower	Upper
252	100		
253	26.1	24.5	36.7
125	27.7	13.7	20.5#



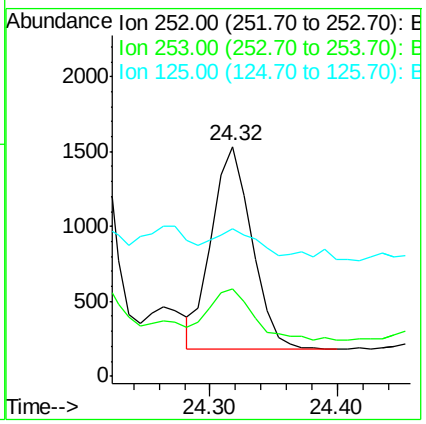


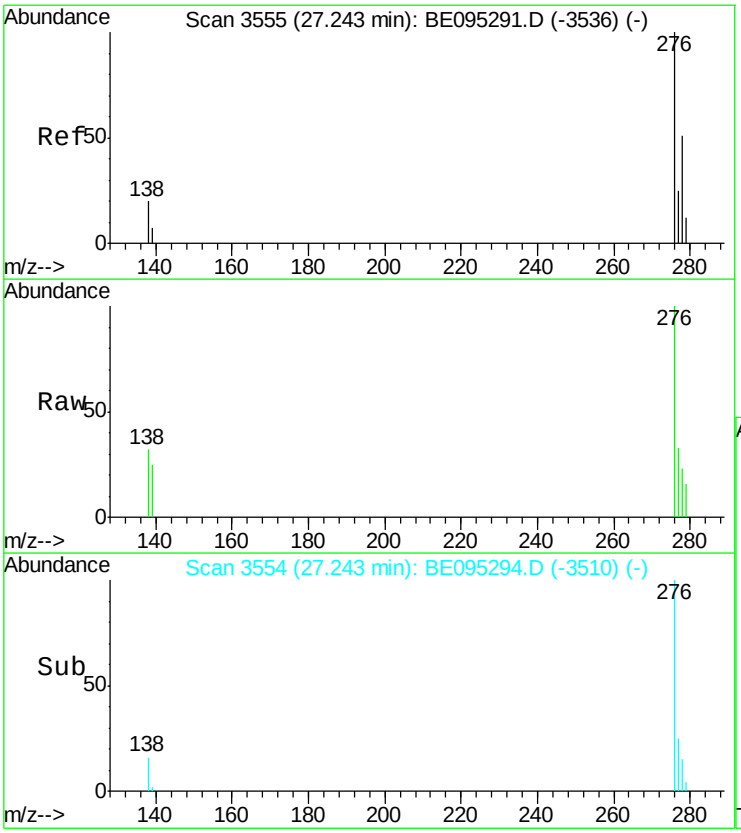
#23
Benzo(a)pyrene
Concen: 0.095 ng/ul
RT: 24.32 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2981

Ion	Ratio	Lower	Upper
252	100		
253	38.3	28.5	42.7
125	64.4	18.1	27.1#

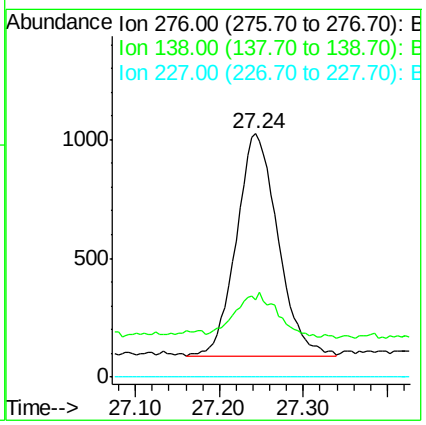


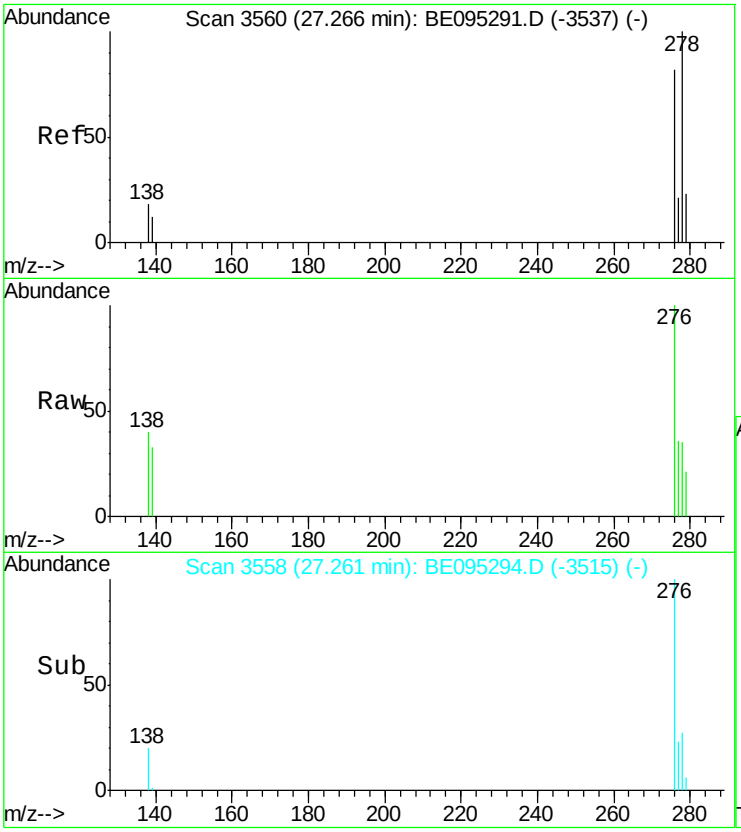


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.093 ng/ul
RT: 27.24 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Tgt Ion:276 Resp: 3194

Ion	Ratio	Lower	Upper
276	100		
138	19.6	28.0	42.0#
227	0.0	8.0	12.0#



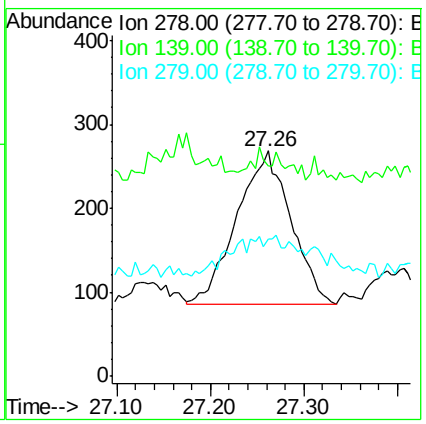


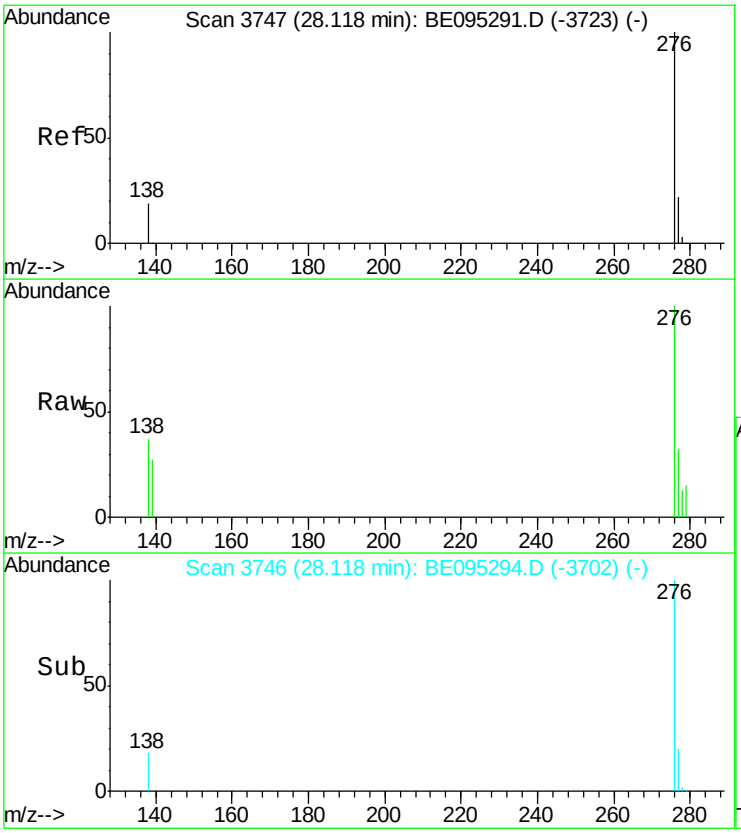
#25
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 27.26 min Scan# 3558
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 740

Ion	Ratio	Lower	Upper
278	100		
139	93.3	17.4	26.0#
279	61.2	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.088 ng/ul
RT: 28.12 min Scan# 3746
Delta R.T. -0.00 min
Lab File: BE095294.D
Acq: 31 Jan 2018 1:18

Tgt Ion:276 Resp: 2570

Ion	Ratio	Lower	Upper
276	100		
138	37.0	21.8	32.8#
277	32.0	20.5	30.7#