Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097295.D
Acq On : 17 Aug 2018 13:33
Operator : SJ/JU
Sample : SSTD3.206
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTD3.206

Quant Time: Aug 17 14:11:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 12:19:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	957	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	5074	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	2866	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	6417	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	6666	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	4887	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	24257	2.98	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	55792	2.53	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	35775	2.912	ng/ul#	91
5) 2-Methylnaphthalene	11.80	142	24778	3.052	ng/ul	98
7) Acenaphthylene	13.73	152	37246	3.006	ng/ul	96
8) Acenaphthene	14.08	153	27055	3.019	ng/ul#	93
9) Fluorene	15.07	166	30675	2.977	ng/ul#	90
11) Pentachlorophenol	16.44	266	1708	1.857	ng/ul	96
12) Phenanthrene	16.80	178	49152	3.005	ng/ul#	88
13) Anthracene	16.90	178	47223	3.095	ng/ul#	91
15) Fluoranthene	18.84	202	57347	2.652	ng/ul	83
17) Pyrene	19.20	202	52909	2.962	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	51201	2.688	ng/ul#	83
19) Chrysene	21.01	228	54829	2.793	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	44176	3.317	ng/ul	81
22) Benzo(k)fluoranthene	22.58	252	52566	3.660	ng/ul#	83
23) Benzo(a)pyrene	23.11	252	42331	3.176	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.51	276	48421	2.903	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.53	278	40498	2.967	ng/ul#	85
26) Benzo(g,h,i)perylene	26.21	276	38572	2.676	ng/ul#	90

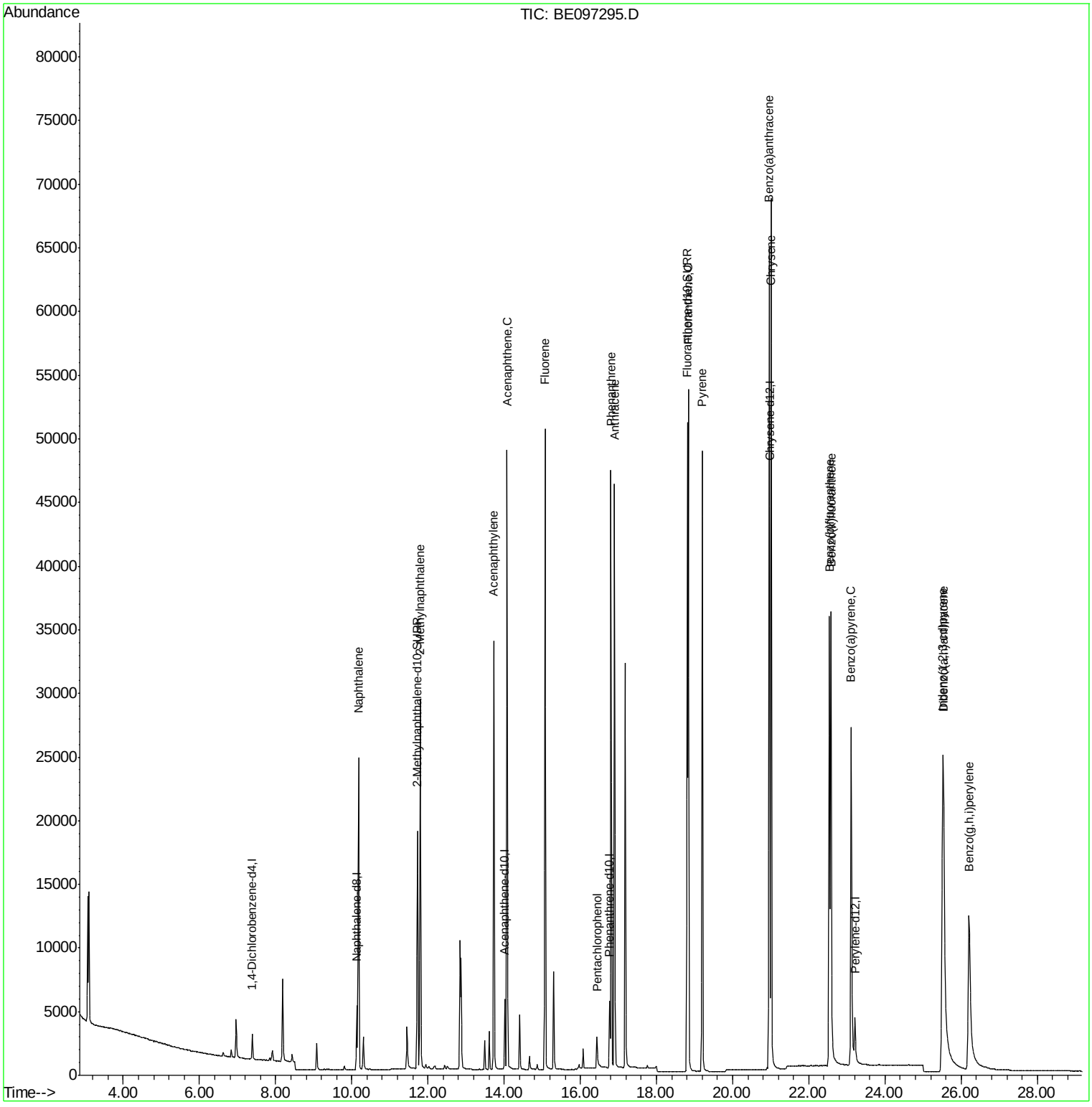
(#) = qualifier out of range (m) = manual integration (+) = signals summed

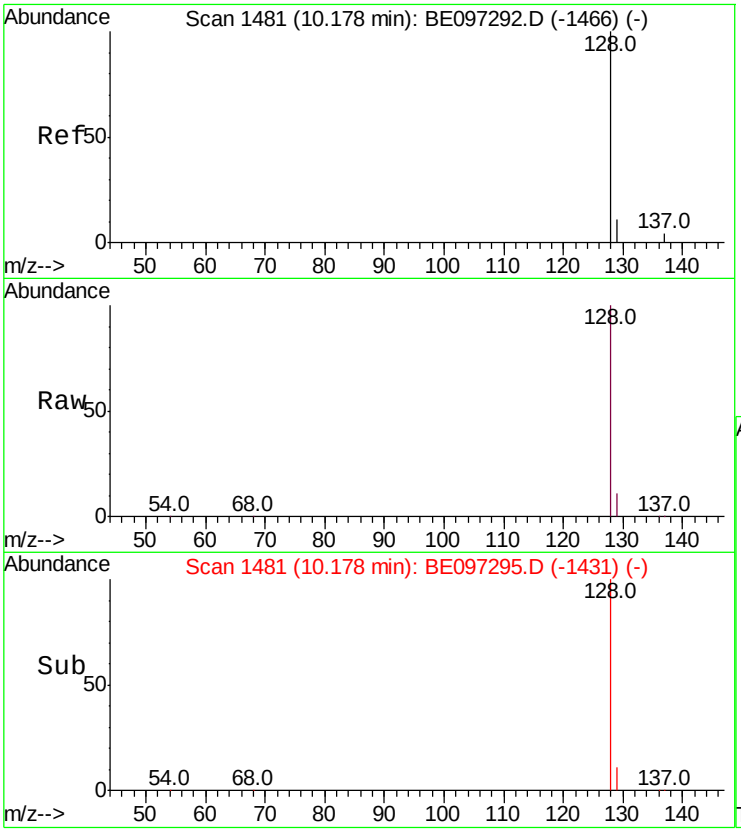
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097295.D
Acq On : 17 Aug 2018 13:33
Operator : SJ/JU
Sample : SSTD3.206
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD3.206

Quant Time: Aug 17 14:11:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 12:19:40 2018
Response via : Initial Calibration



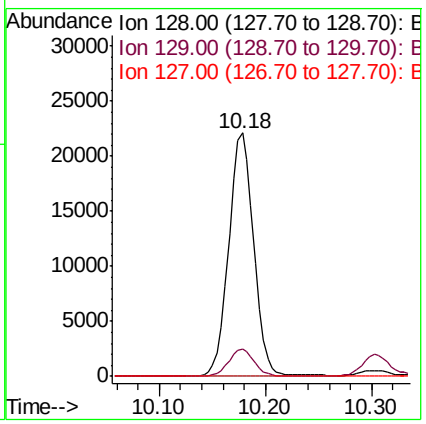


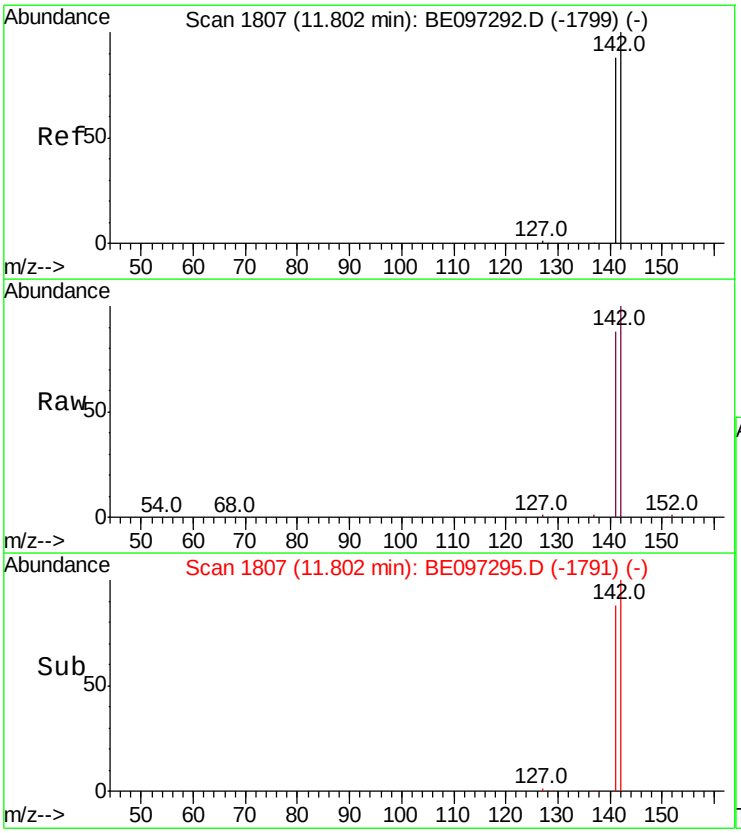
#3
Naphthalene
Concen: 2.912 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Instrument :
BNA_E
ClientSampleId :
SSTD3.206

Tgt Ion:128 Resp: 35775

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	0.0	4.0	6.0#

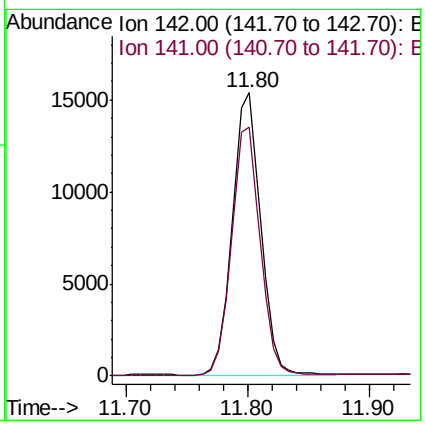


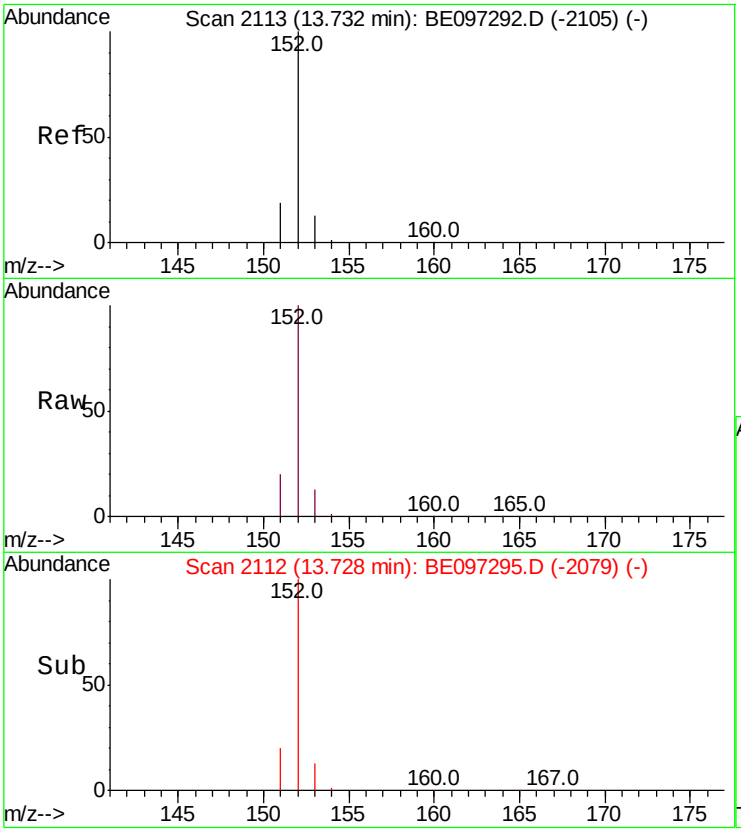


#5
2-Methylnaphthalene
Concen: 3.052 ng/ul
RT: 11.80 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Tgt Ion:142 Resp: 24778

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8



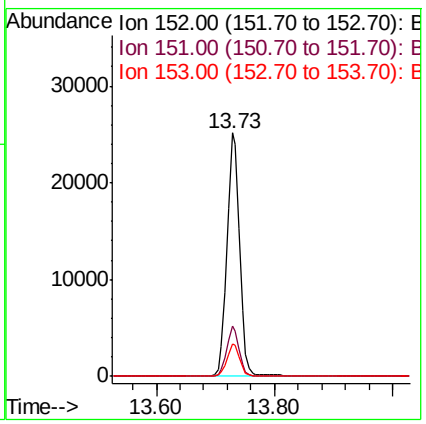


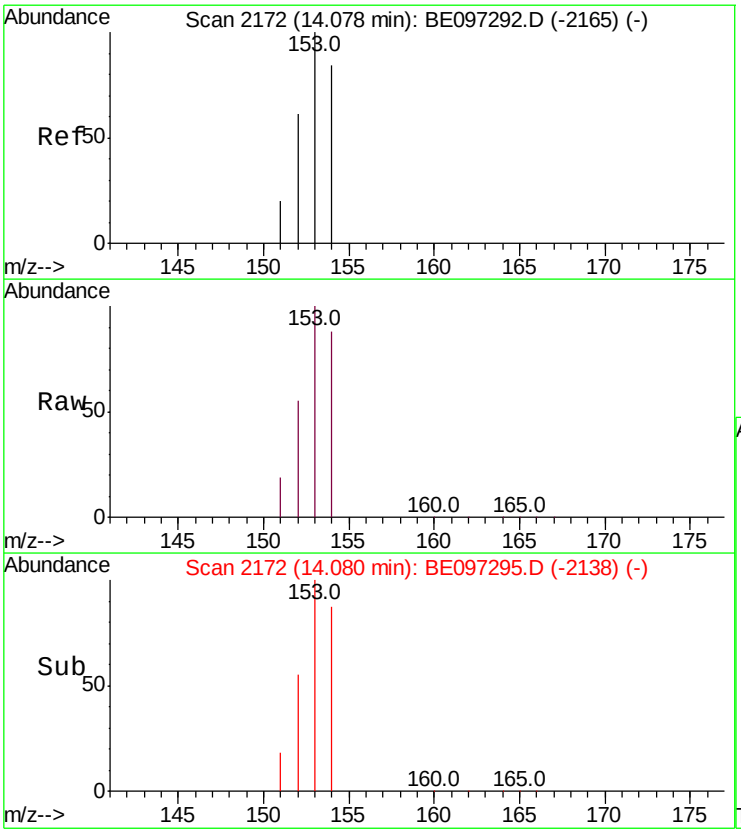
#7
Acenaphthylene
Concen: 3.006 ng/ul
RT: 13.73 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Instrument :
BNA_E
ClientSampleId :
SSTD3.206

Tgt Ion:152 Resp: 37246

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.1	25.7
153	13.2	12.8	19.2

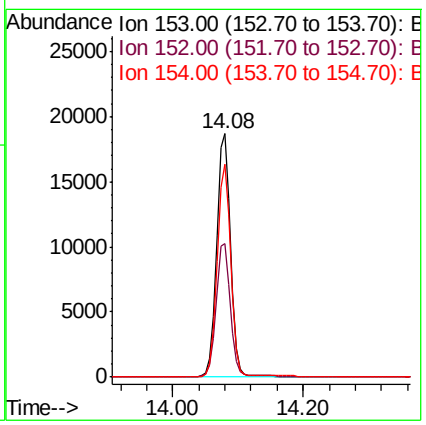


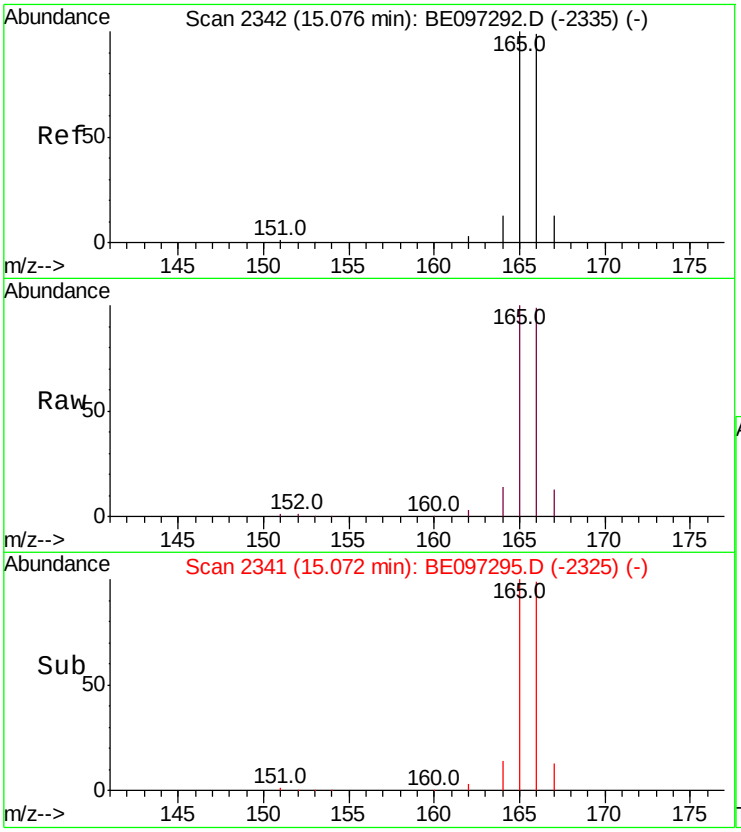


#8
Acenaphthene
Concen: 3.019 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Tgt Ion:153 Resp: 27055

Ion	Ratio	Lower	Upper
153	100		
152	54.9	36.0	54.0#
154	87.5	72.0	108.0



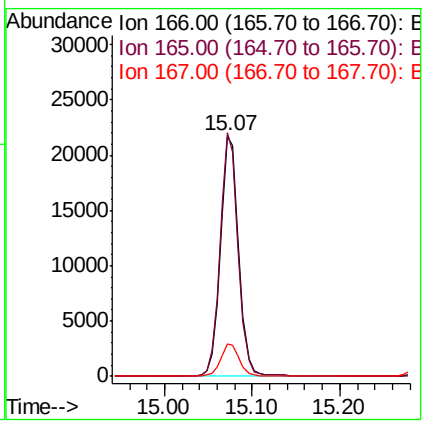


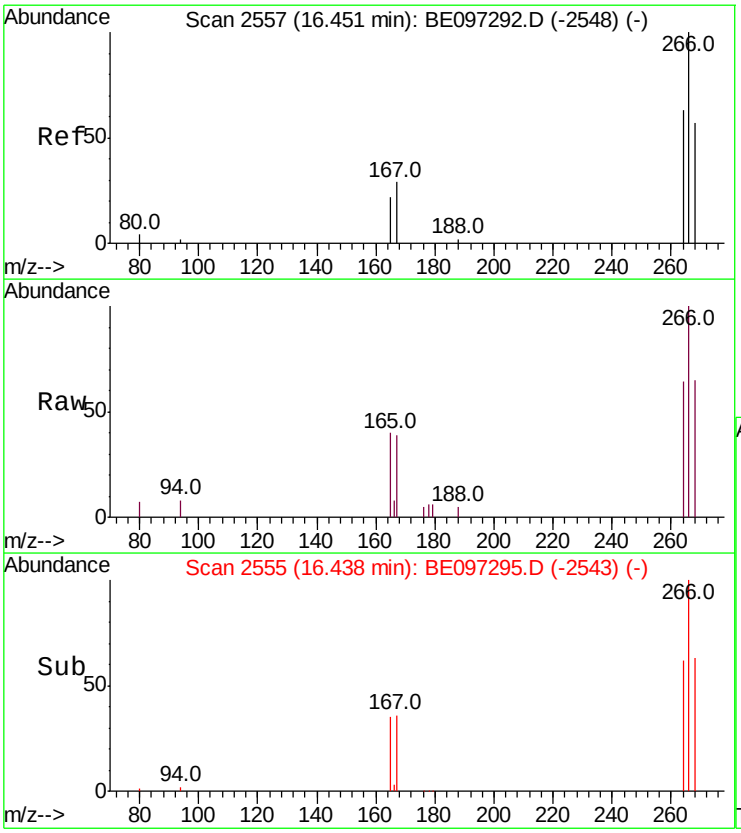
#9
Fluorene
Concen: 2.977 ng/ul
RT: 15.07 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Instrument :
BNA_E
ClientSampleId :
SSTD3.206

Tgt Ion:166 Resp: 30675

Ion	Ratio	Lower	Upper
166	100		
165	101.4	73.4	110.2
167	13.4	14.6	22.0#

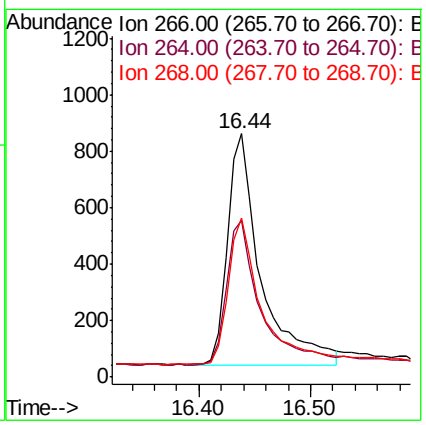


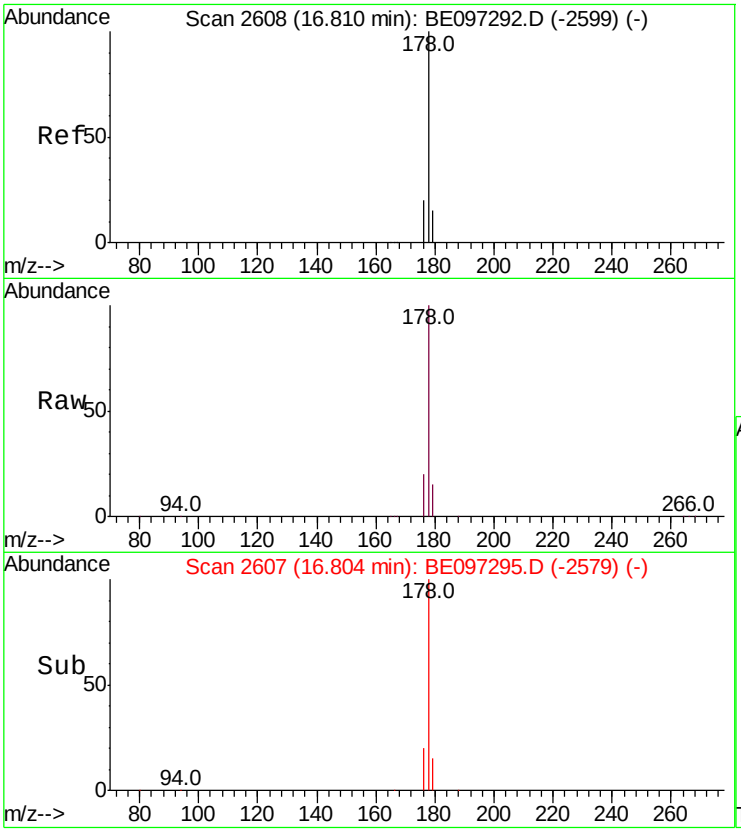


#11
Pentachlorophenol
Concen: 1.857 ng/ul
RT: 16.44 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Tgt Ion:266 Resp: 1708

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



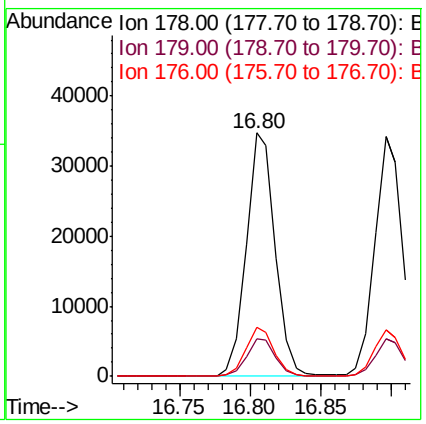


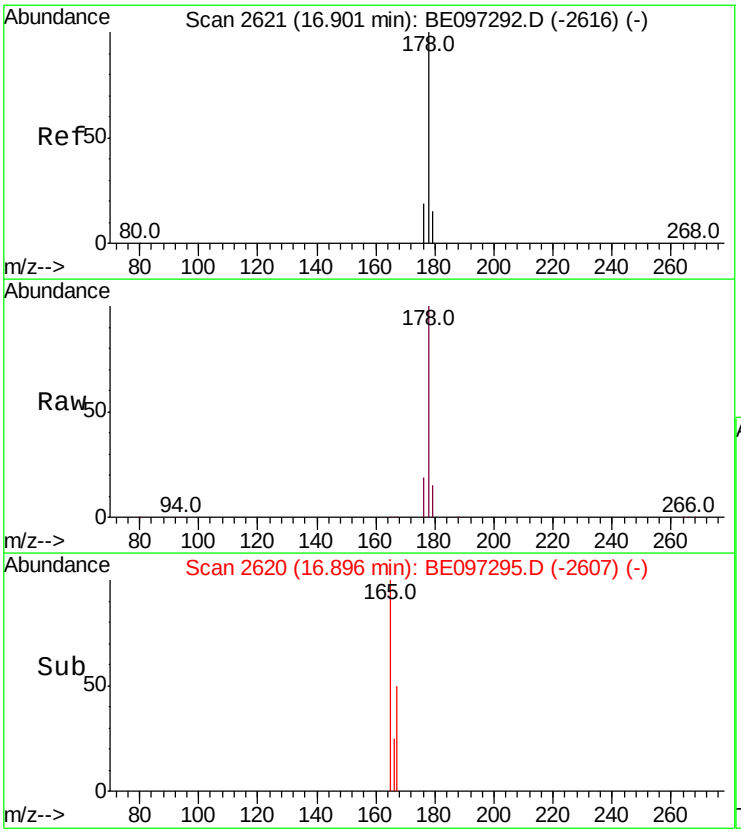
#12
Phenanthrene
Concen: 3.005 ng/ul
RT: 16.80 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Instrument :
BNA_E
ClientSampleId :
SSTD3.206

Tgt Ion:178 Resp: 49152

Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	20.1	13.6	20.4

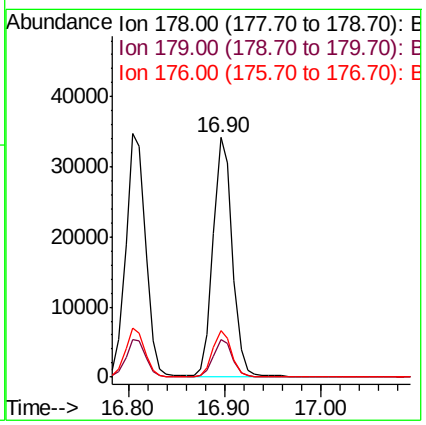


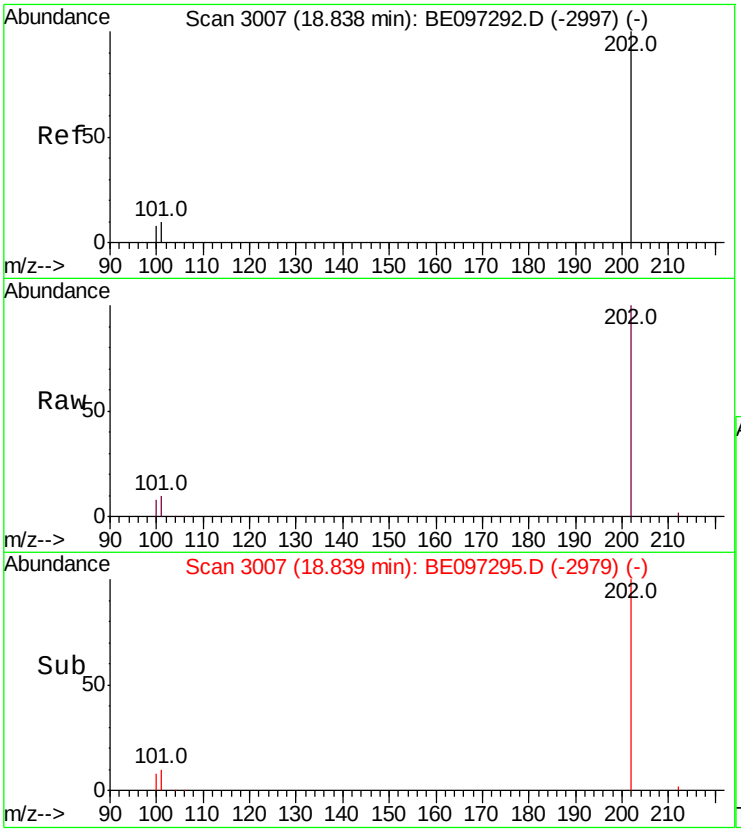


#13
Anthracene
Concen: 3.095 ng/ul
RT: 16.90 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Tgt Ion:178 Resp: 47223

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	19.4	14.7	22.1



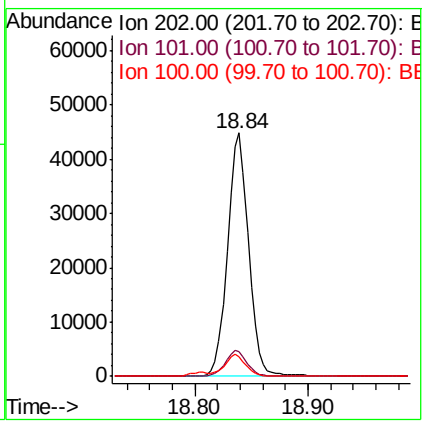


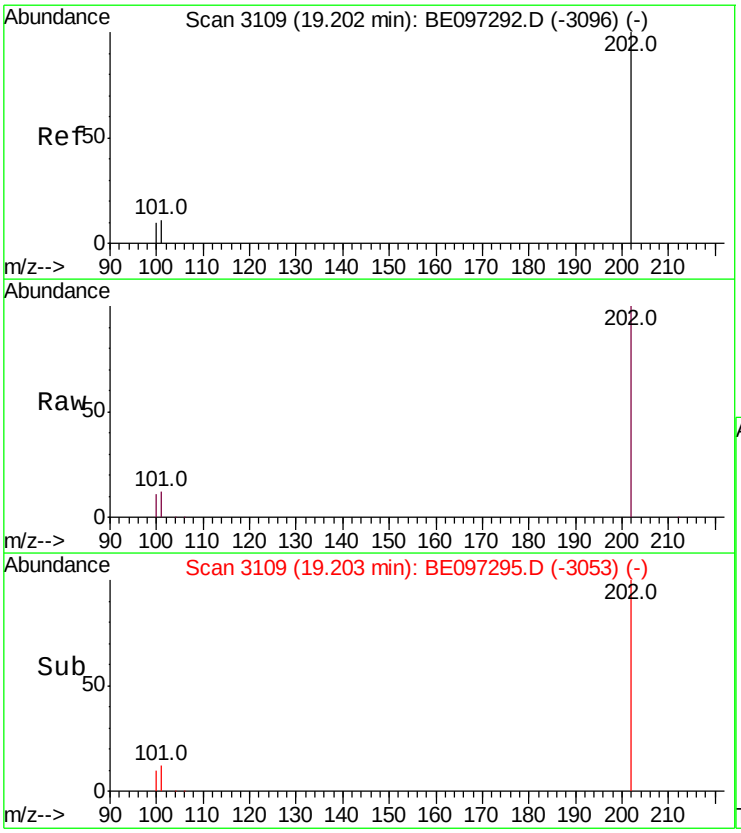
#15
Fluoranthene
Concen: 2.652 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Instrument :
BNA_E
ClientSampleId :
SSTD3.206

Tgt Ion:202 Resp: 57347

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.3
100	8.1	0.0	39.5

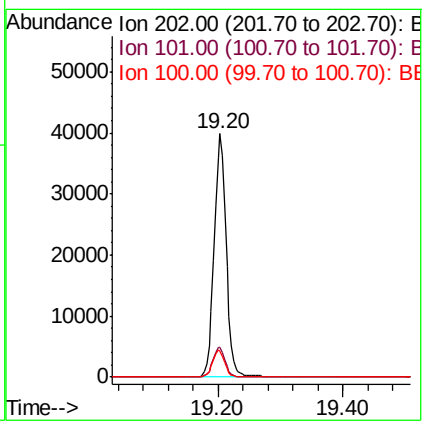


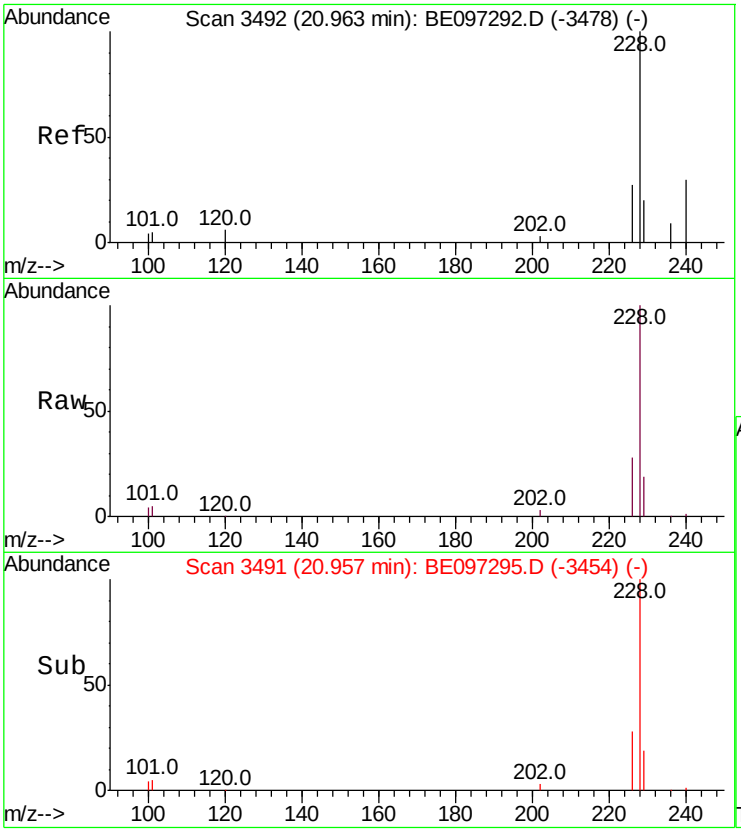


#17
Pyrene
Concen: 2.962 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Tgt Ion:202 Resp: 52909

Ion	Ratio	Lower	Upper
202	100		
101	12.1	18.2	27.4#
100	10.6	15.6	23.4#



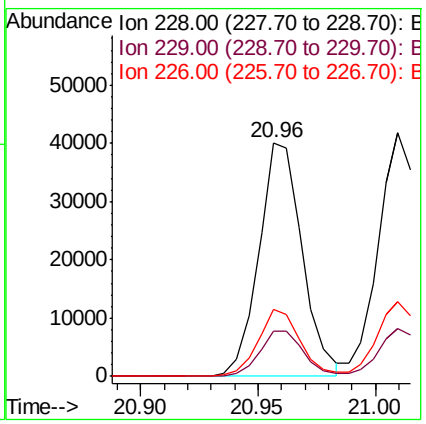


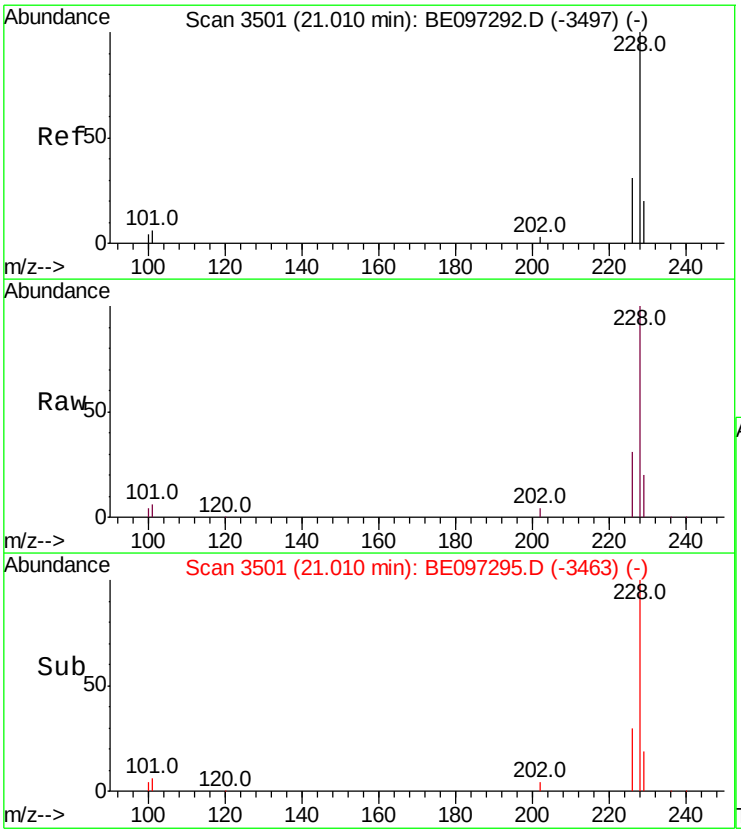
#18
Benzo(a)anthracene
Concen: 2.688 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Instrument :
BNA_E
ClientSampleId :
SSTD3.206

Tgt Ion:228 Resp: 51201

Ion	Ratio	Lower	Upper
228	100		
229	19.1	22.8	34.2#
226	28.5	17.0	25.6#

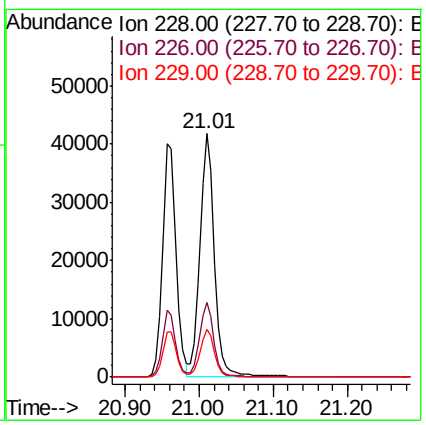


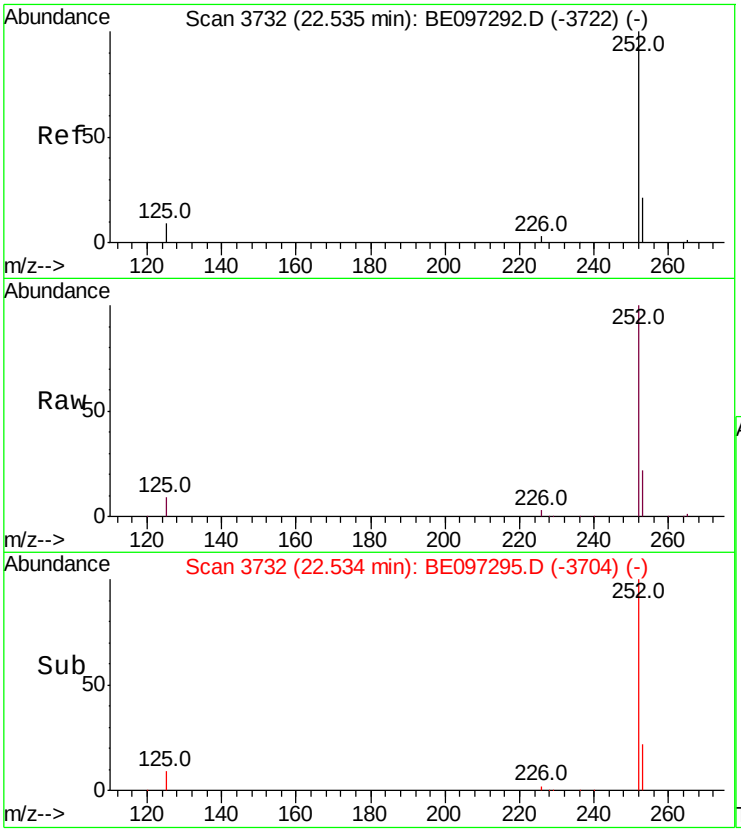


#19
Chrysene
Concen: 2.793 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Tgt Ion:228 Resp: 54829

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	19.6	17.7	26.5



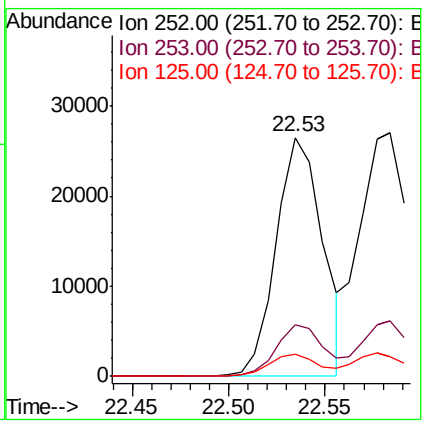


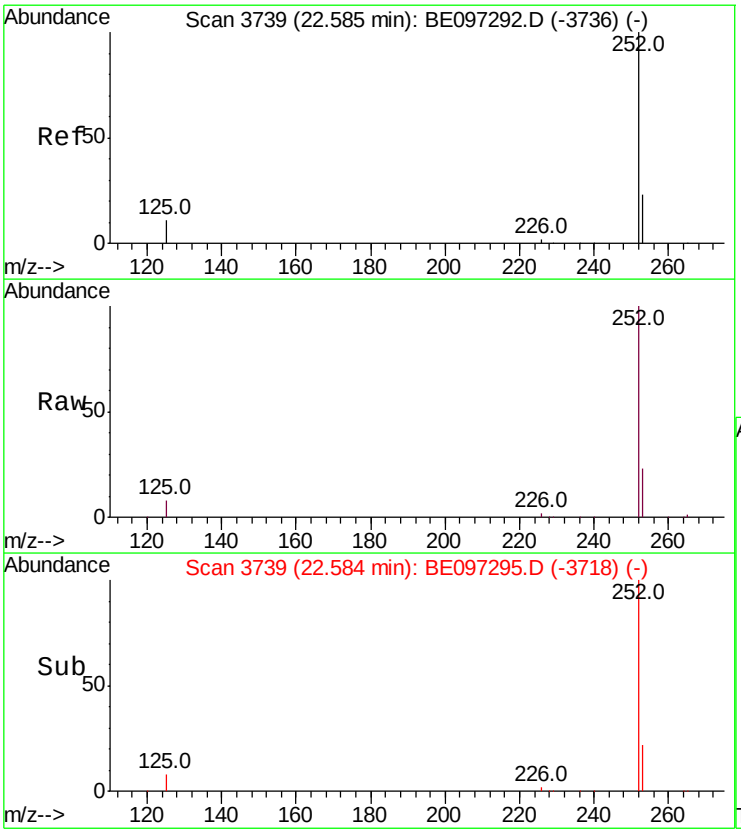
#21
Benzo(b)fluoranthene
Concen: 3.317 ng/ul
RT: 22.53 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Instrument :
BNA_E
ClientSampleId :
SSTD3.206

Tgt Ion:252 Resp: 44176

Ion	Ratio	Lower	Upper
252	100		
253	21.7	0.0	64.2
125	9.4	0.0	35.0

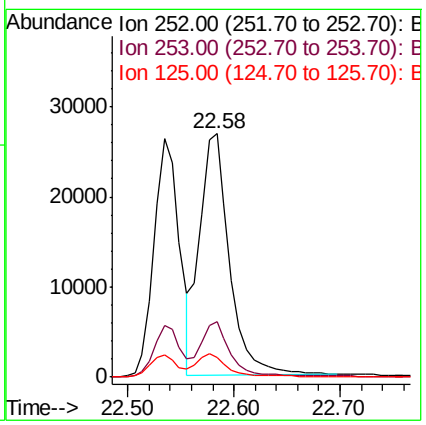


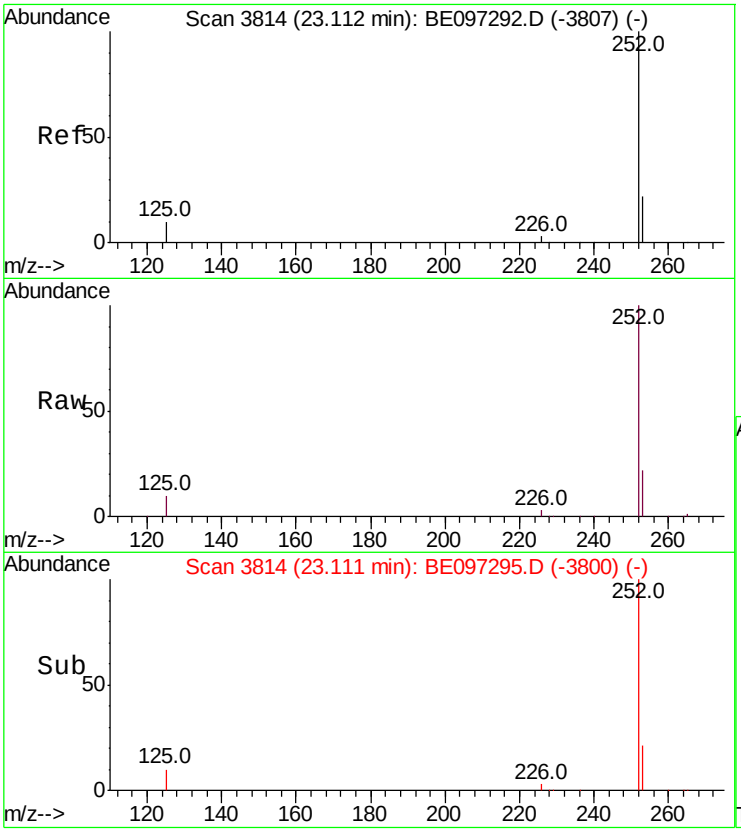


#22
Benzo(k)fluoranthene
Concen: 3.660 ng/ul
RT: 22.58 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Tgt Ion:252 Resp: 52566

Ion	Ratio	Lower	Upper
252	100		
253	22.5	24.5	36.7#
125	8.2	13.7	20.5#



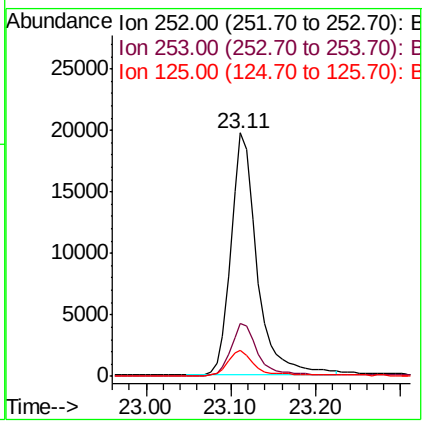


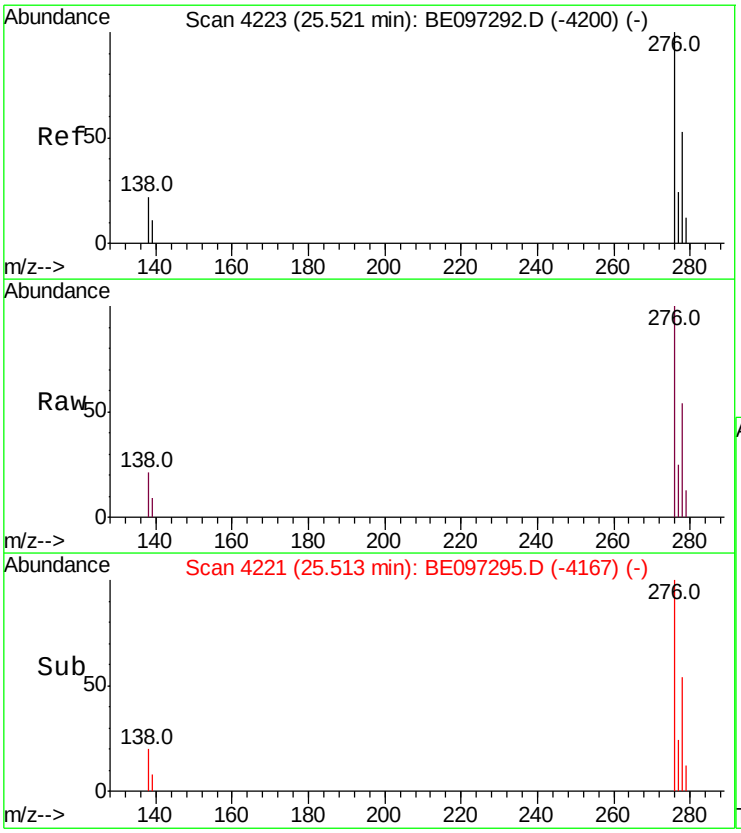
#23
Benzo(a)pyrene
Concen: 3.176 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. -0.00 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Instrument :
BNA_E
ClientSampleId :
SSTD3.206

Tgt Ion:252 Resp: 42331

Ion	Ratio	Lower	Upper
252	100		
253	21.8	28.5	42.7#
125	10.5	18.1	27.1#

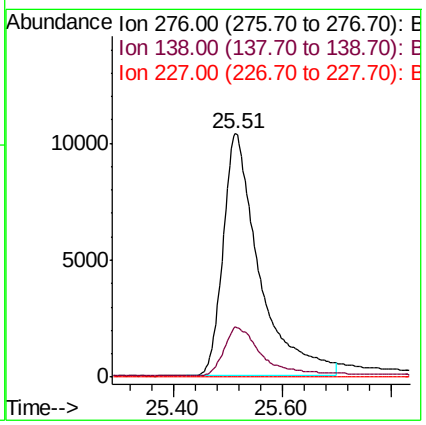


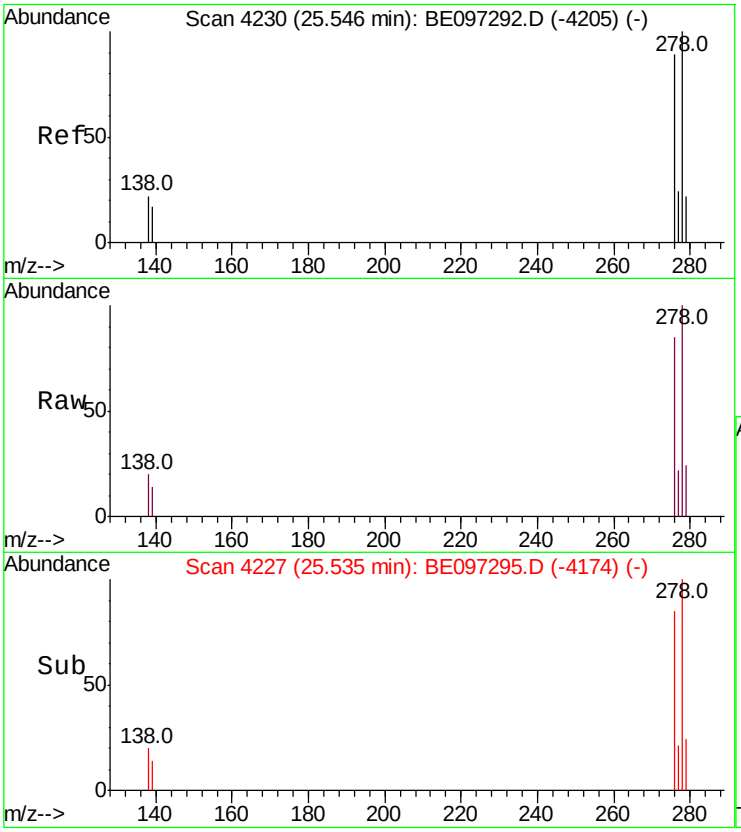


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.903 ng/ul
RT: 25.51 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Tgt Ion:276 Resp: 48421

Ion	Ratio	Lower	Upper
276	100		
138	21.2	28.0	42.0#
227	0.0	8.0	12.0#



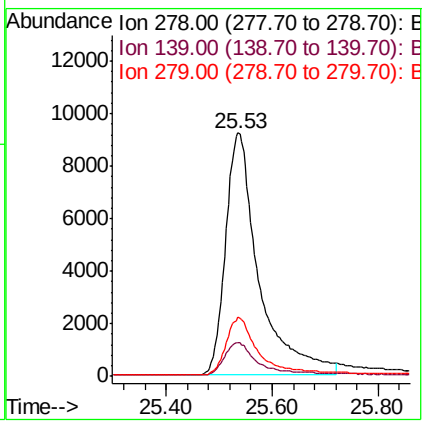


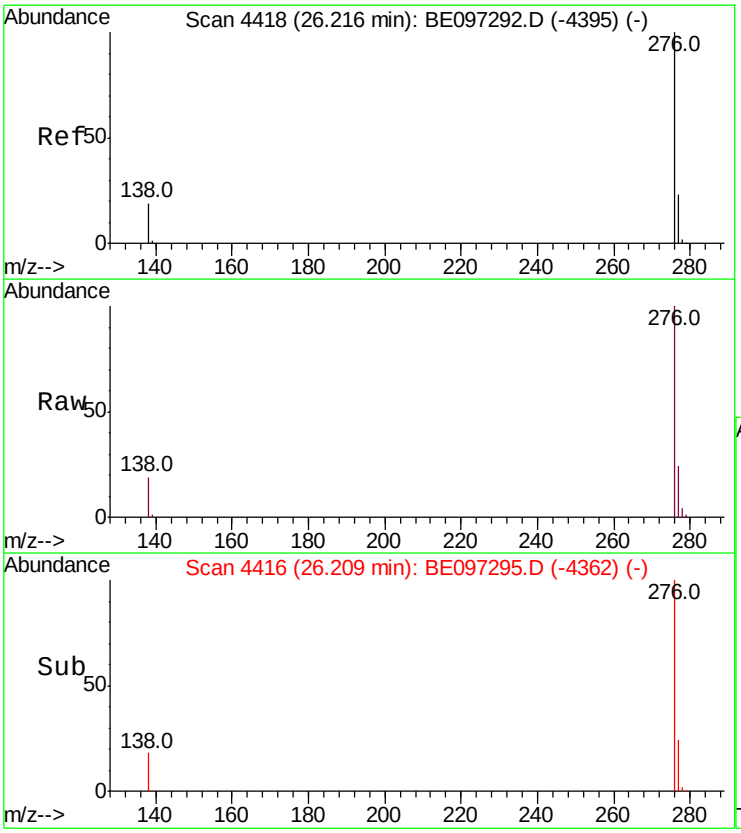
#25
Dibenzo(a,h)anthracene
Concen: 2.967 ng/ul
RT: 25.53 min Scan# 4227
Delta R.T. -0.01 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Instrument :
BNA_E
ClientSampleId :
SSTD3.206

Tgt Ion:278 Resp: 40498

Ion	Ratio	Lower	Upper
278	100		
139	14.1	17.4	26.0#
279	24.1	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 2.676 ng/ul
RT: 26.21 min Scan# 4416
Delta R.T. -0.01 min
Lab File: BE097295.D
Acq: 17 Aug 2018 13:33

Tgt Ion:276 Resp: 38572

Ion	Ratio	Lower	Upper
276	100		
138	18.7	21.8	32.8#
277	24.3	20.5	30.7