Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Not Reviewed)

Data File : BE093187.D
Acq On : 15 Jun 2017 1:55
Operator : SJ/MA
Sample : I3522-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5D30

Quant Time: Jun 15 04:01:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3455	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10454	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	24813	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	28810	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	998675	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4835	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	13623	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	8785	0.20	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	2172	0.07	ng/ul	99
7) Acenaphthylene	14.09	152	172155	3.84	ng/ul	96
8) Acenaphthene	14.43	153	3687	0.10	ng/ul	96
9) Fluorene	15.42	166	5286	0.12	ng/ul	91
11) Pentachlorophenol	16.77	266	66	0.02	ng/ul	93
12) Phenanthrene	17.14	178	112227	1.64	ng/ul#	83
13) Anthracene	17.22	178	212270	3.57	ng/ul#	86
15) Fluoranthene	19.16	202	2166465	25.88	ng/ul	84
17) Pyrene	19.52	202	2392993	28.17	ng/ul#	87
18) Benzo(a)anthracene	21.25	228	1209132	15.73	ng/ul#	84
19) Chrysene	21.30	228	1611736	20.22	ng/ul	98
21) Benzo(b)fluoranthene	22.95	252	2552232	0.84	ng/ul	88
22) Benzo(k)fluoranthene	22.95	252	3531206	1.10	ng/ul#	90
23) Benzo(a)pyrene	23.47	252	1116122	0.39	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.92	276	112054	0.03	ng/ul#	74
26) Benzo(g,h,i)perylene	26.97	276	516456	0.18	ng/ul	97

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

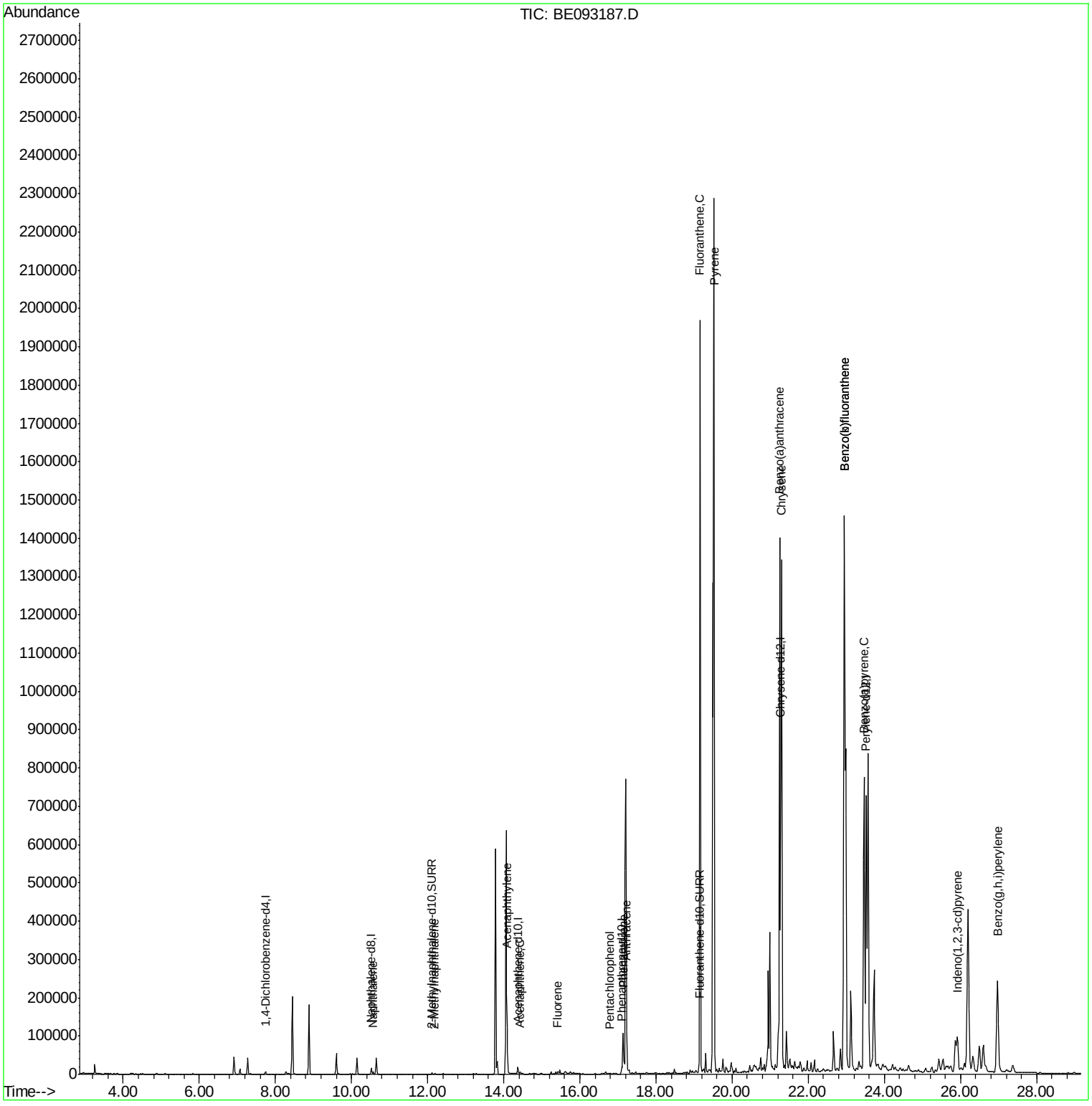
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

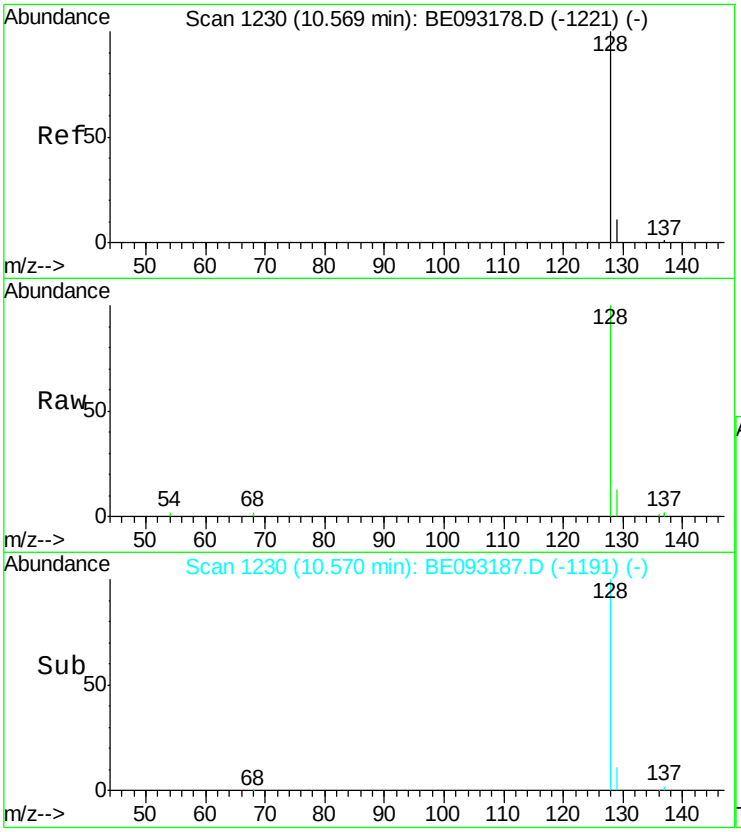
Quantitation Report (Not Reviewed)

Data File : BE093187.D
Acq On : 15 Jun 2017 1:55
Operator : SJ/MA
Sample : I3522-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5D30

Quant Time: Jun 15 04:01:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



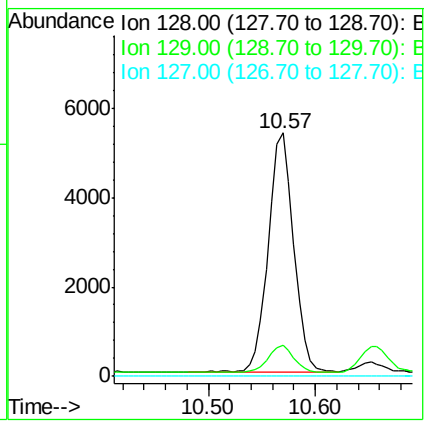


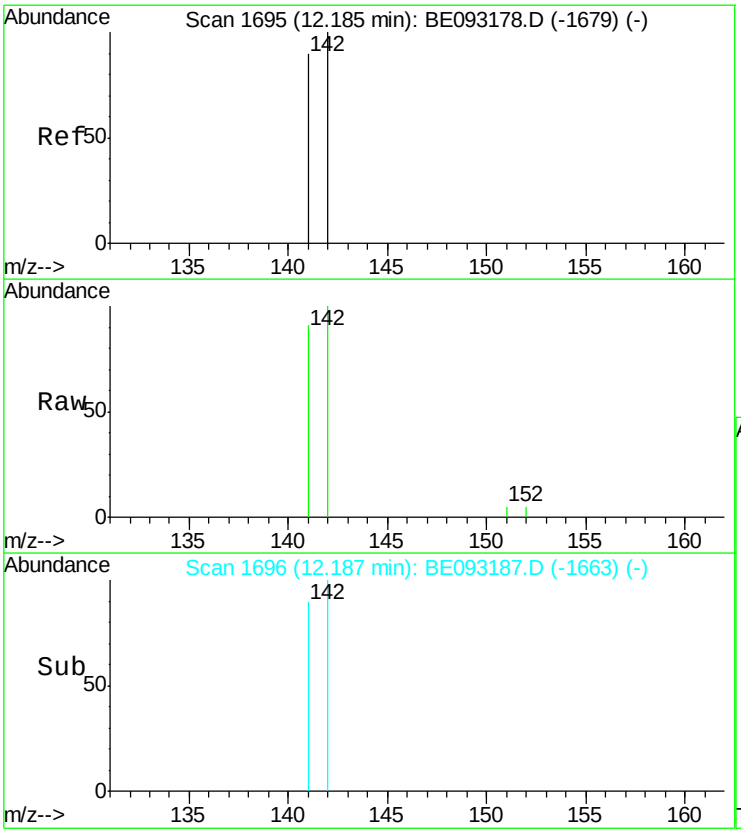
#3
Naphthalene
Concen: 0.20 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Instrument :
BNA_E
ClientSampleId :
F5D30

Tgt Ion:128 Resp: 8785

Ion	Ratio	Lower	Upper
128	100		
129	12.7	11.3	16.9
127	0.0	4.0	6.0#

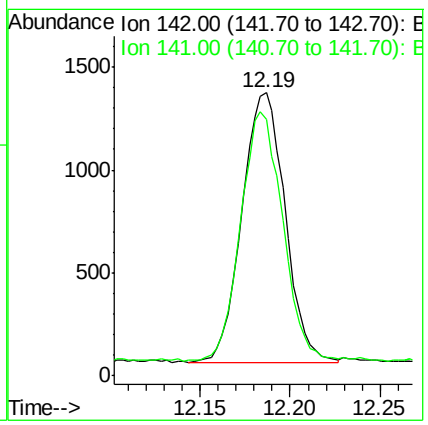


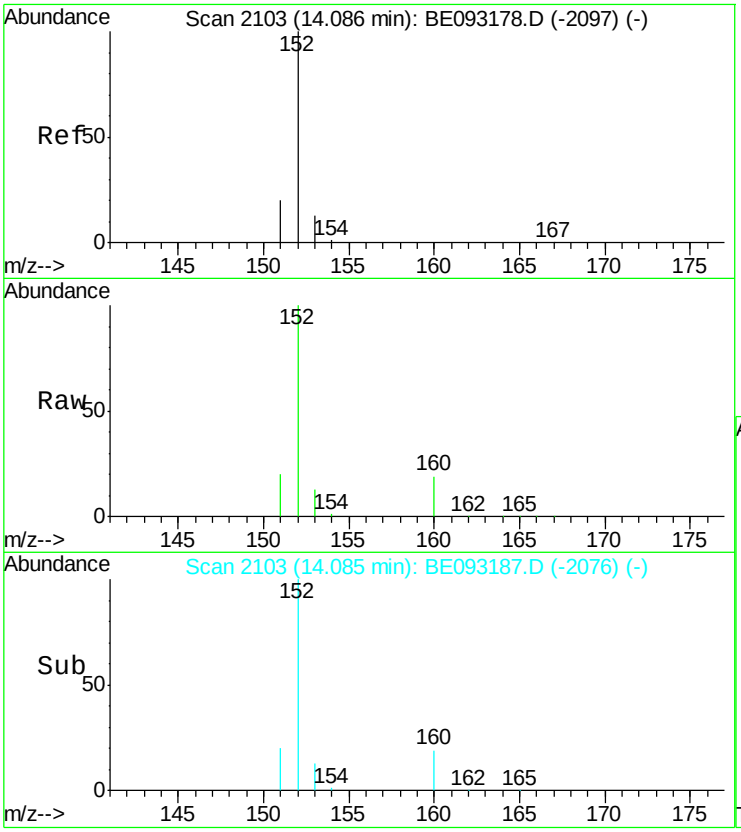


#5
2-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.19 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Tgt Ion:142 Resp: 2172

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8



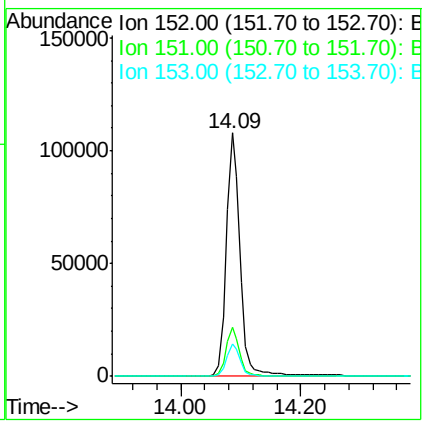


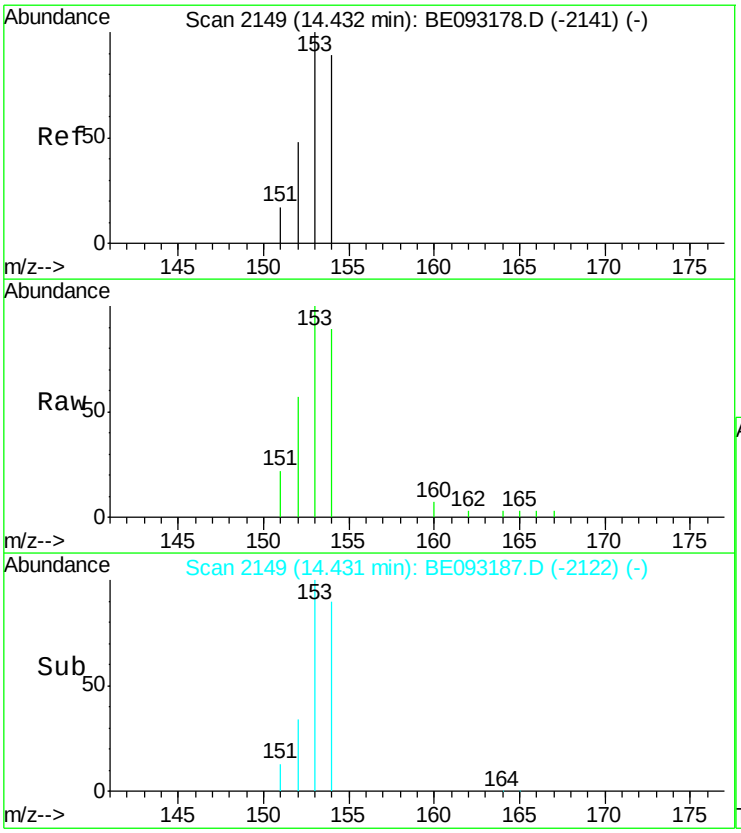
#7
Acenaphthylene
Concen: 3.84 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Instrument :
BNA_E
ClientSampleId :
F5D30

Tgt Ion:152 Resp: 172155

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.1	25.7
153	13.2	12.8	19.2

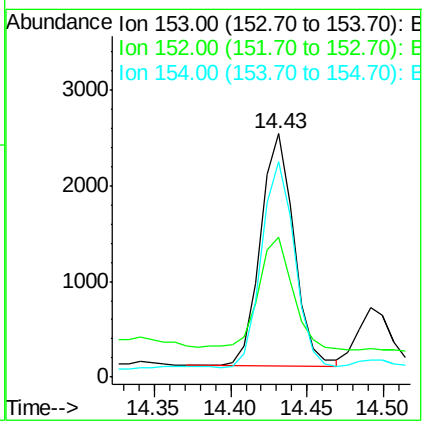


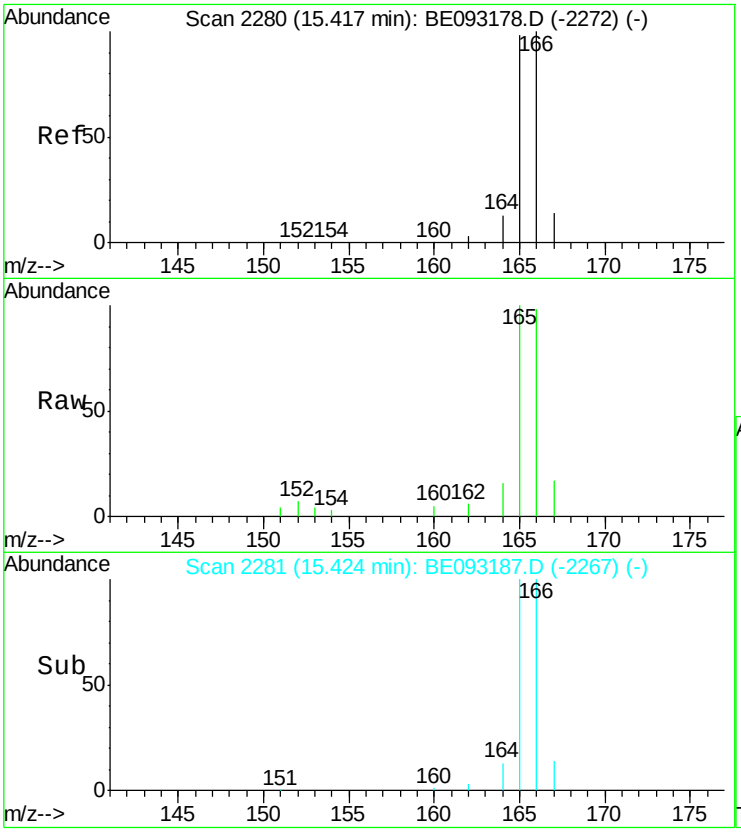


#8
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Tgt Ion:153 Resp: 3687

Ion	Ratio	Lower	Upper
153	100		
152	57.4	40.3	60.5
154	88.7	71.4	107.2



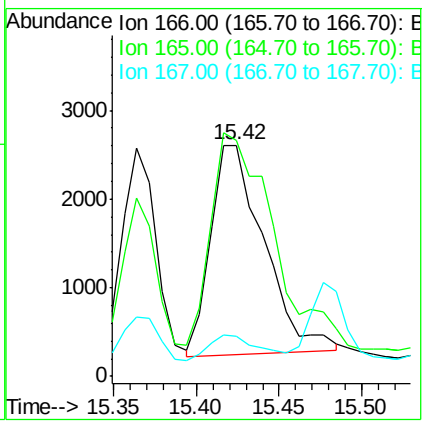


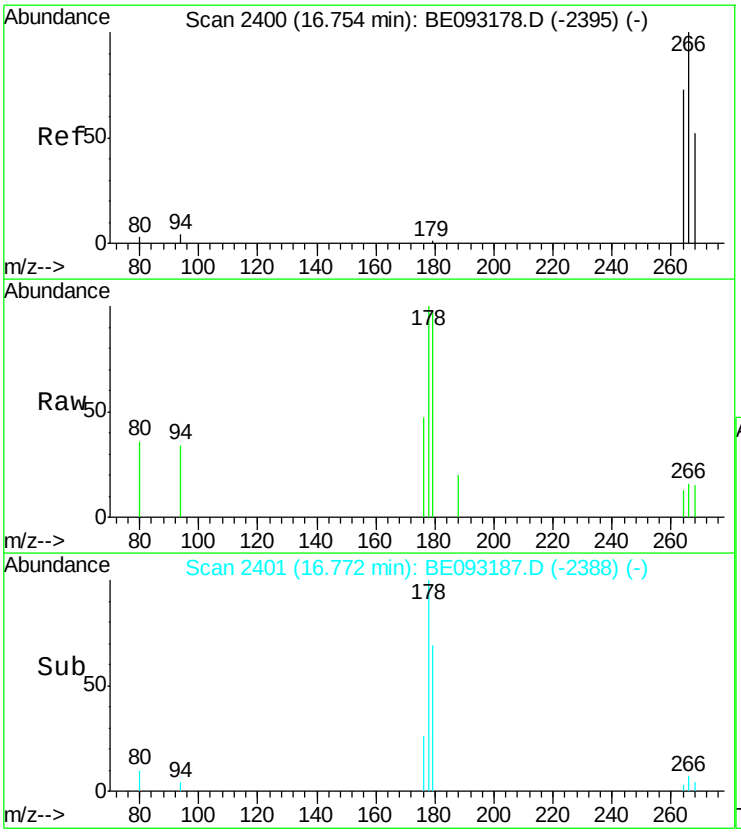
#9
Fluorene
Concen: 0.12 ng/ul
RT: 15.42 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Instrument :
BNA_E
ClientSampleId :
F5D30

Tgt Ion:166 Resp: 5286

Ion	Ratio	Lower	Upper
166	100		
165	102.3	73.4	110.2
167	17.5	14.6	22.0

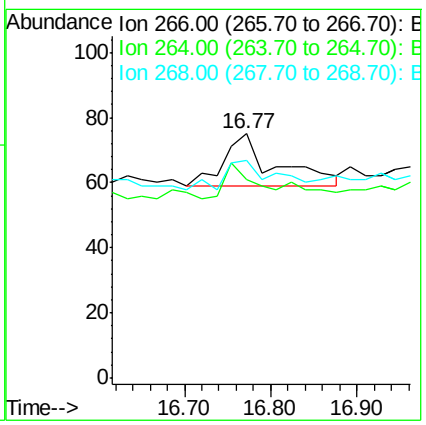


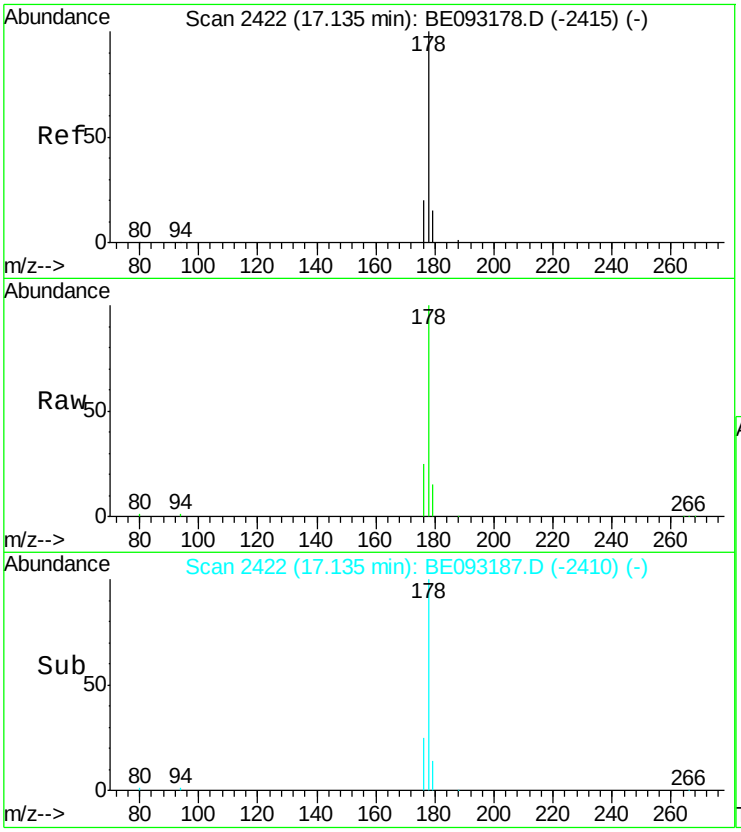


#11
Pentachlorophenol
Concen: 0.02 ng/ul
RT: 16.77 min Scan# 2401
Delta R.T. 0.02 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Tgt Ion:266 Resp: 66

Ion	Ratio	Lower	Upper
266	100		
264	59.1	47.9	71.9
268	53.0	49.8	74.8



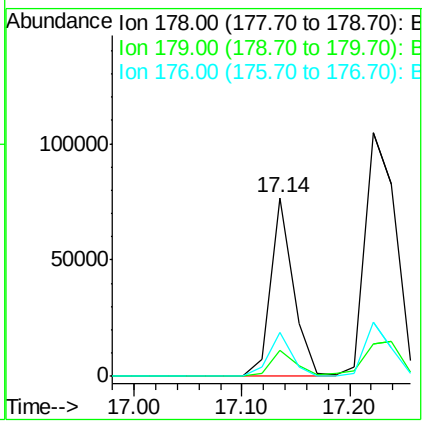


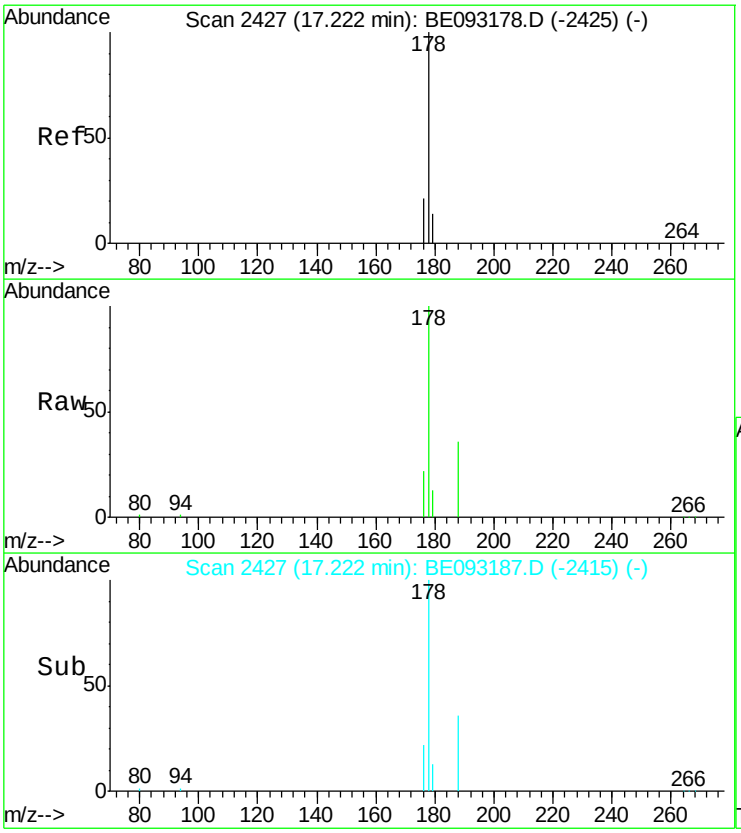
#12
Phenanthrene
Concen: 1.64 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Instrument :
BNA_E
ClientSampleId :
F5D30

Tgt Ion:178 Resp: 112227

Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.4	27.6#
176	24.6	13.6	20.4#

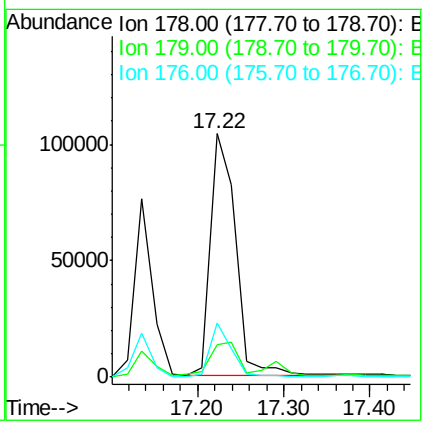


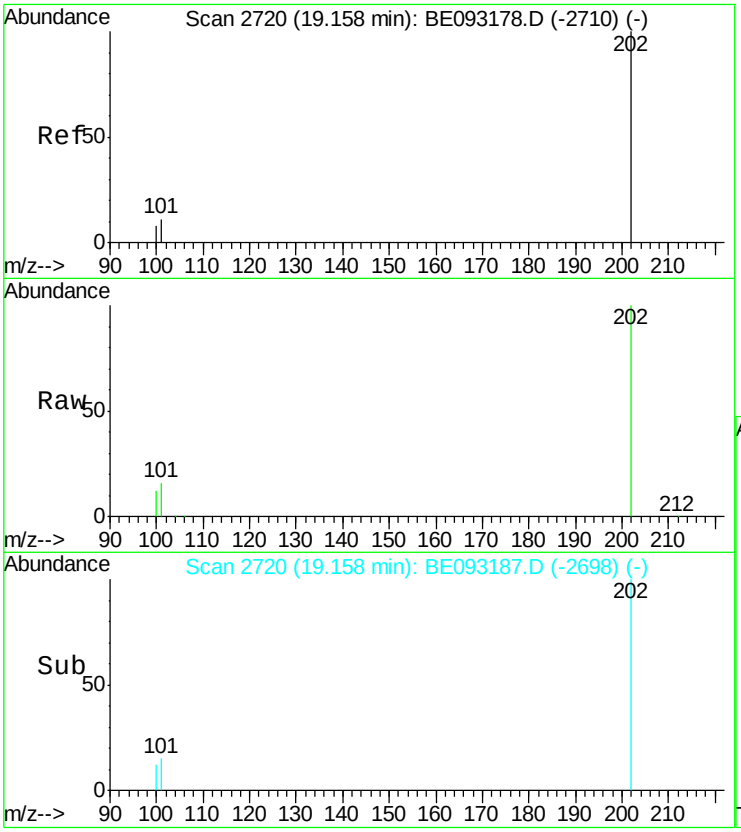


#13
Anthracene
Concen: 3.57 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Tgt Ion:178 Resp: 212270

Ion	Ratio	Lower	Upper
178	100		
179	13.3	18.1	27.1#
176	22.1	14.7	22.1#



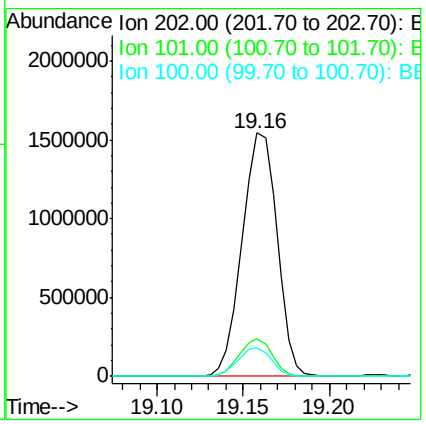


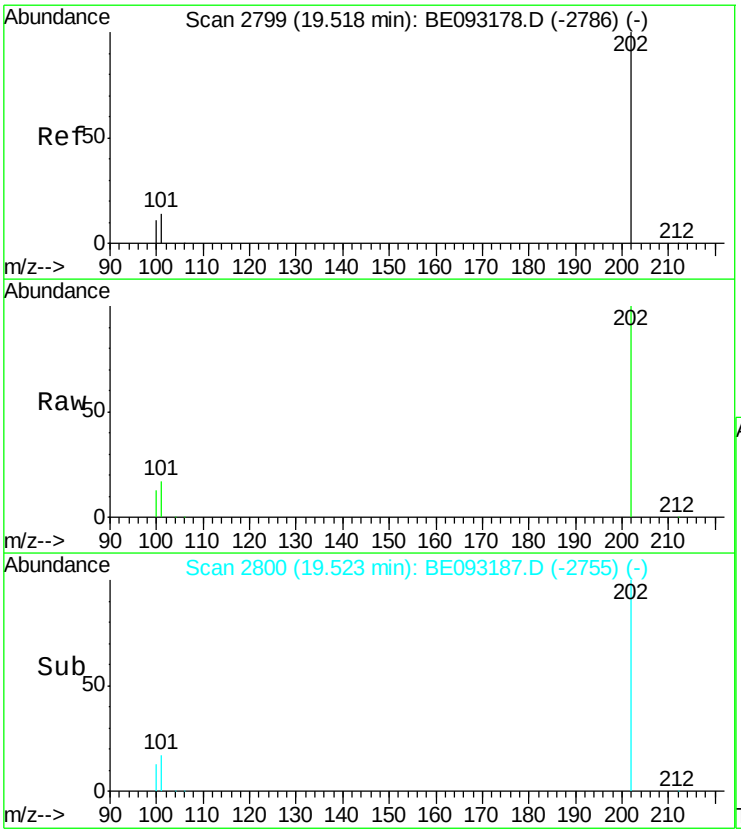
#15
Fluoranthene
Concen: 25.88 ng/ul
RT: 19.16 min Scan# 2720
Delta R.T. 0.00 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Instrument :
BNA_E
ClientSampleId :
F5D30

Tgt Ion:202 Resp: 2166465

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	30.3
100	11.9	0.0	39.5

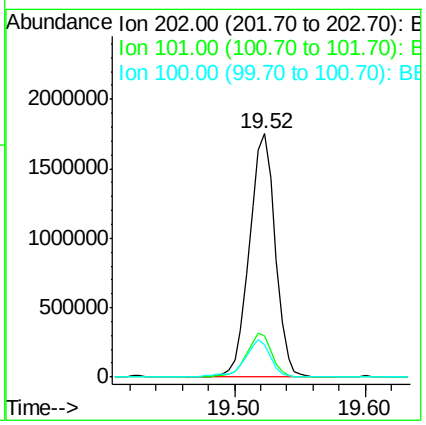


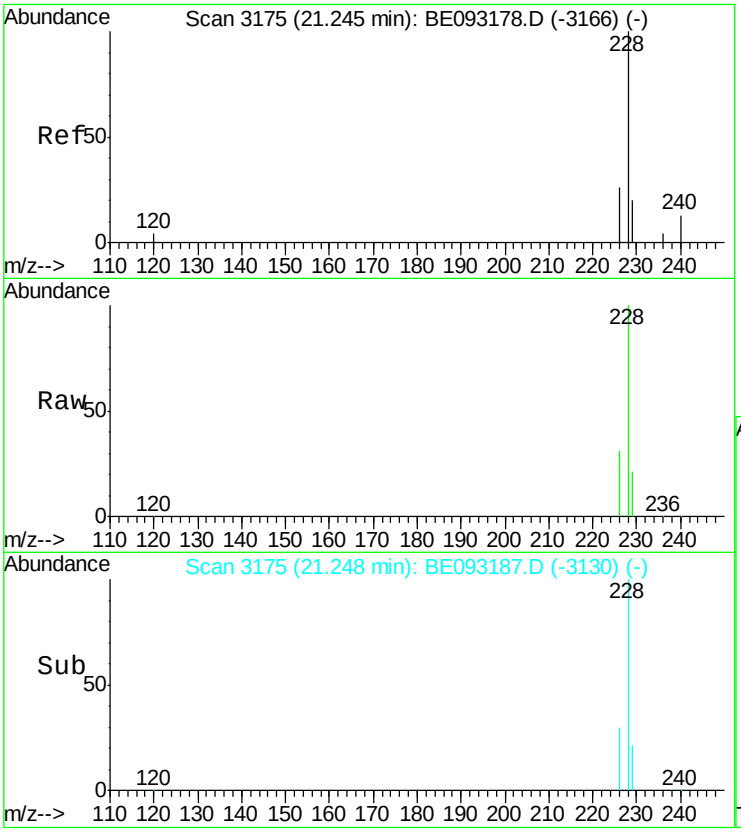


#17
Pyrene
Concen: 28.17 ng/ul
RT: 19.52 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Tgt Ion:202 Resp: 2392993

Ion	Ratio	Lower	Upper
202	100		
101	16.8	18.2	27.4#
100	13.3	15.6	23.4#



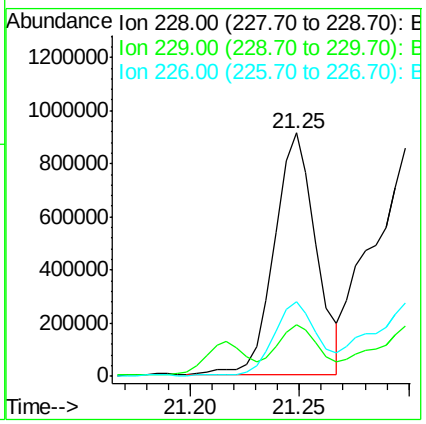


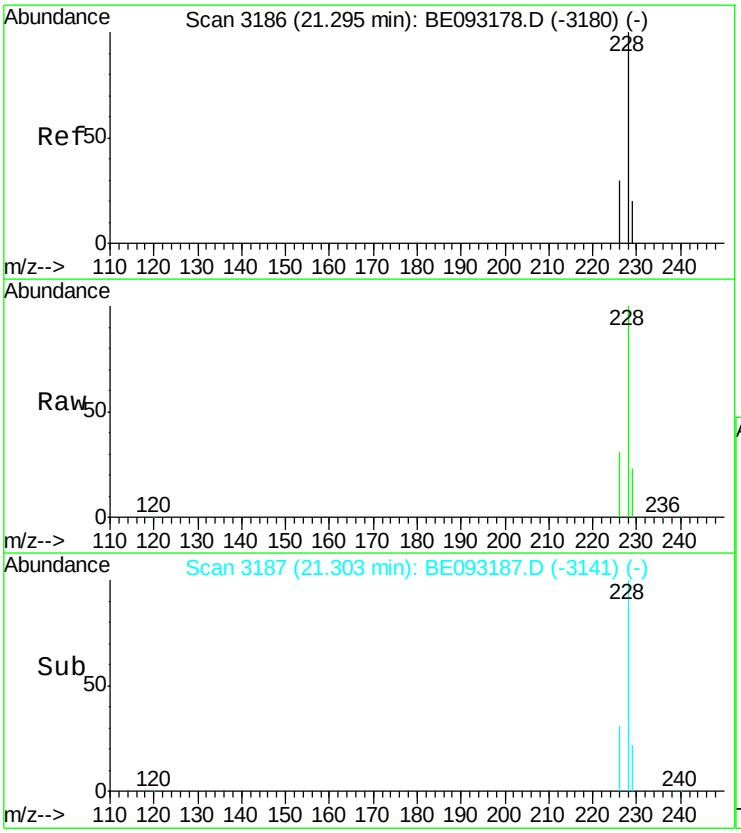
#18
Benzo(a)anthracene
Concen: 15.73 ng/ul
RT: 21.25 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Instrument :
BNA_E
ClientSampleId :
F5D30

Tgt Ion:228 Resp: 1209132

Ion	Ratio	Lower	Upper
228	100		
229	21.4	22.8	34.2#
226	30.8	17.0	25.6#

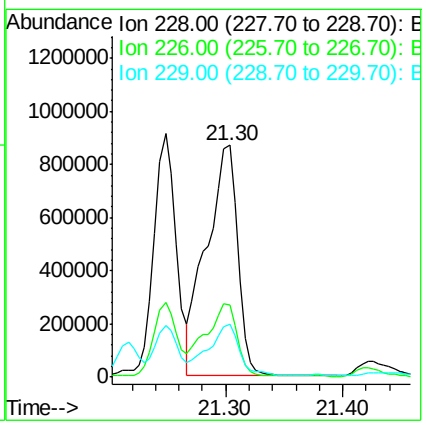


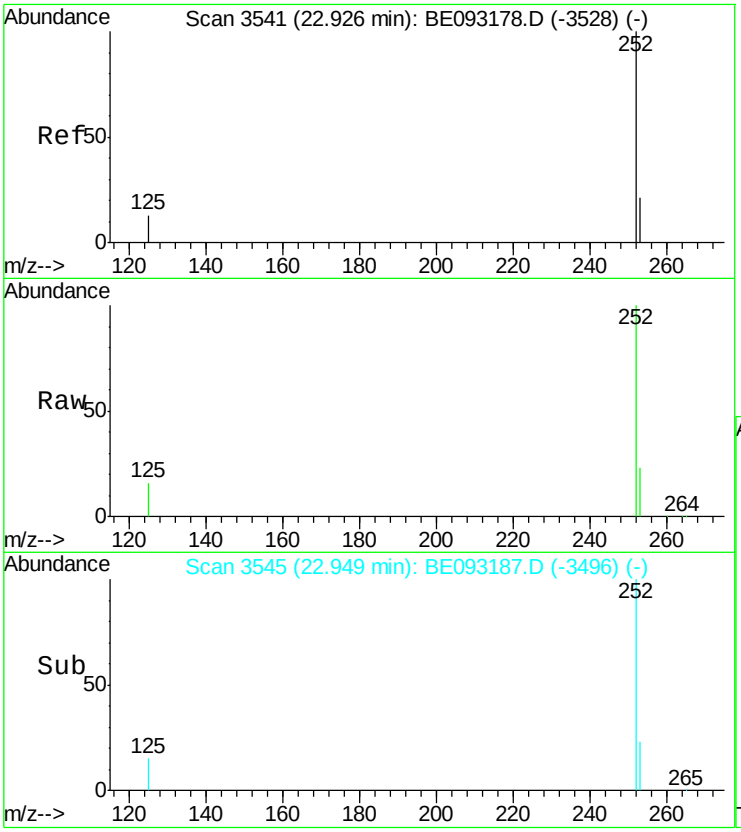


#19
Chrysene
Concen: 20.22 ng/ul
RT: 21.30 min Scan# 3187
Delta R.T. 0.01 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Tgt Ion:228 Resp: 1611736

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	22.8	17.7	26.5



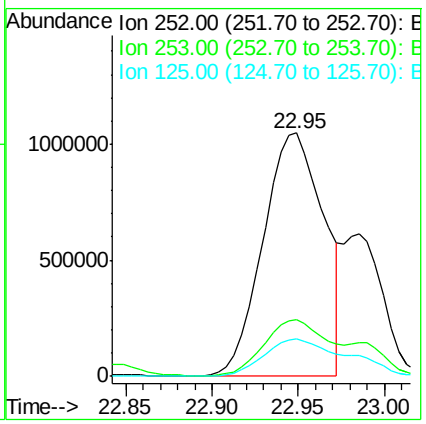


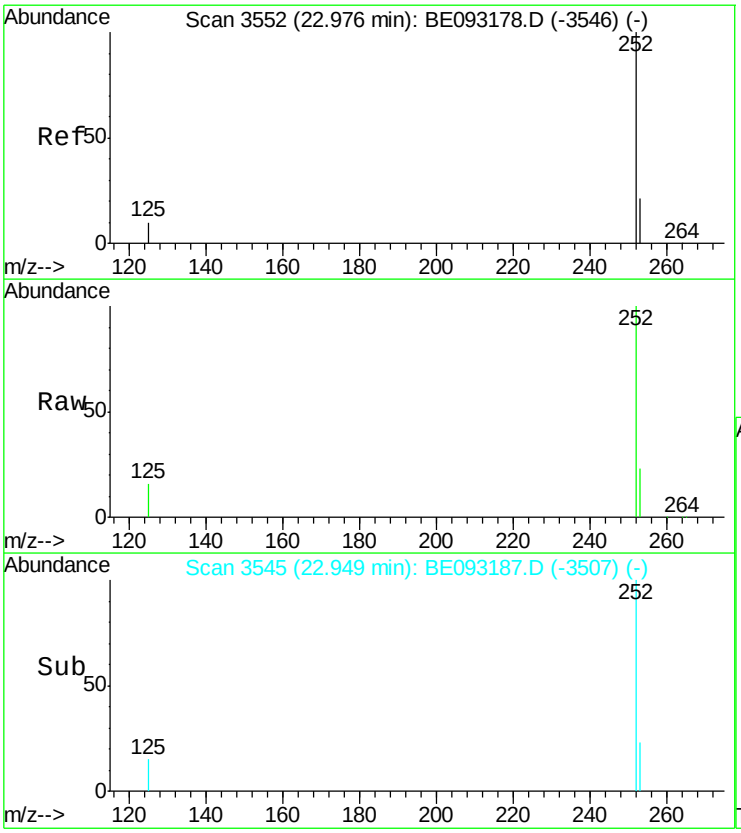
#21
Benzo(b)fluoranthene
Concen: 0.84 ng/ul
RT: 22.95 min Scan# 3545
Delta R.T. 0.02 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Instrument :
BNA_E
ClientSampleId :
F5D30

Tgt Ion:252 Resp: 2552232

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	15.6	0.0	35.0

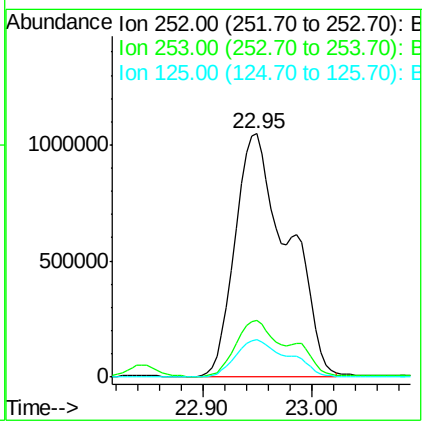


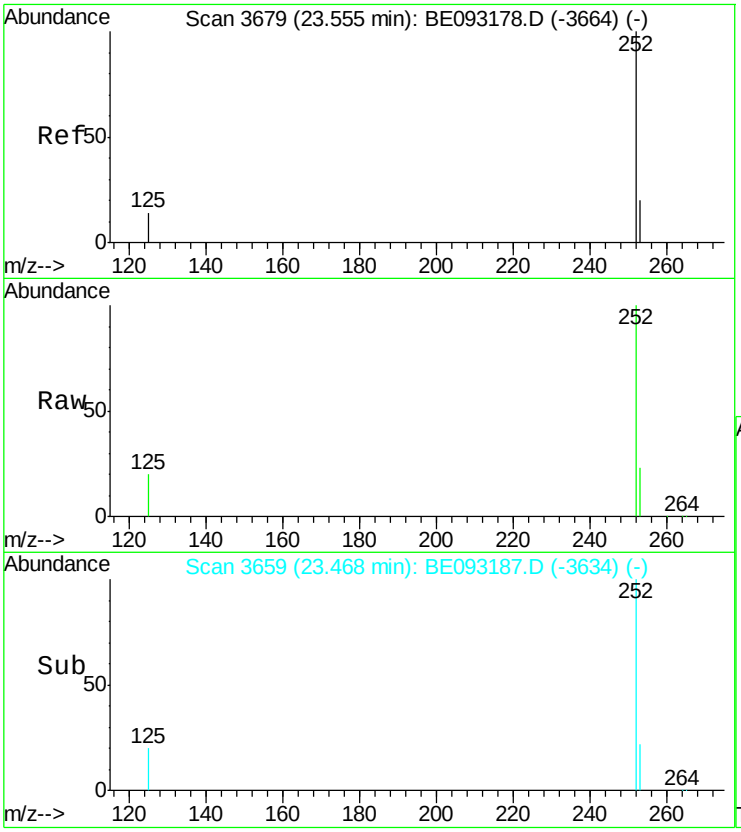


#22
Benzo(k)fluoranthene
Concen: 1.10 ng/ul
RT: 22.95 min Scan# 3545
Delta R.T. -0.03 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Tgt Ion:252 Resp: 3531206

Ion	Ratio	Lower	Upper
252	100		
253	23.3	24.5	36.7#
125	15.6	13.7	20.5



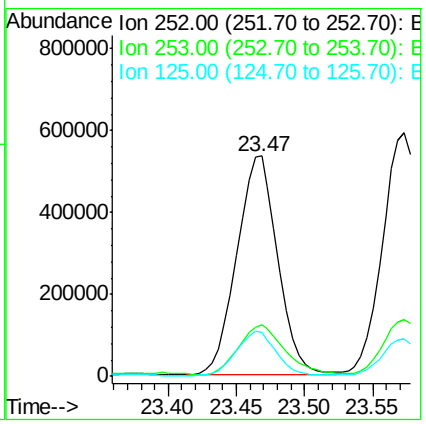


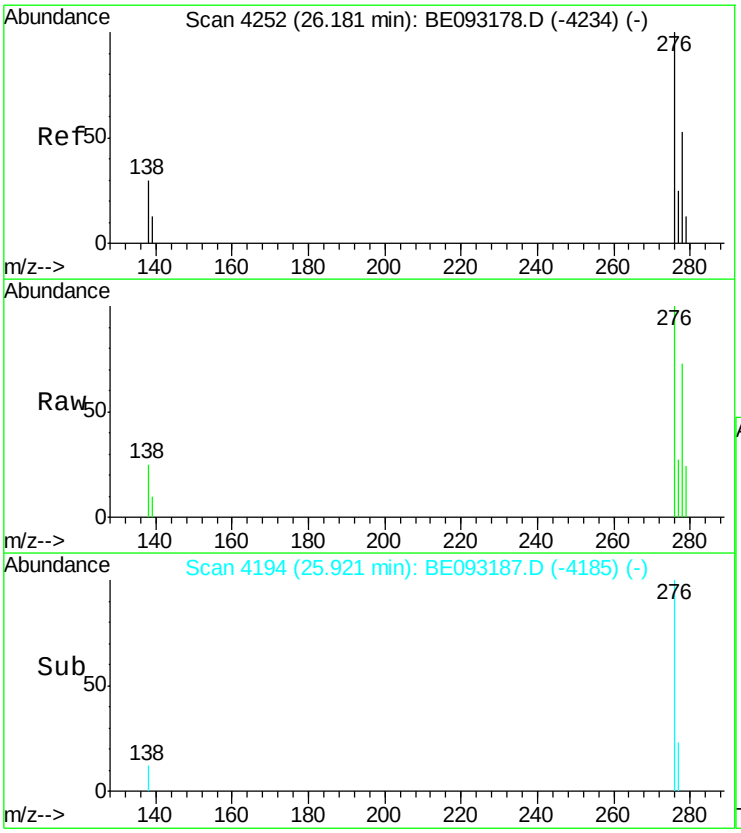
#23
Benzo(a)pyrene
Concen: 0.39 ng/ul
RT: 23.47 min Scan# 3659
Delta R.T. -0.09 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Instrument :
BNA_E
ClientSampleId :
F5D30

Tgt Ion:252 Resp: 1116122

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	19.8	18.1	27.1

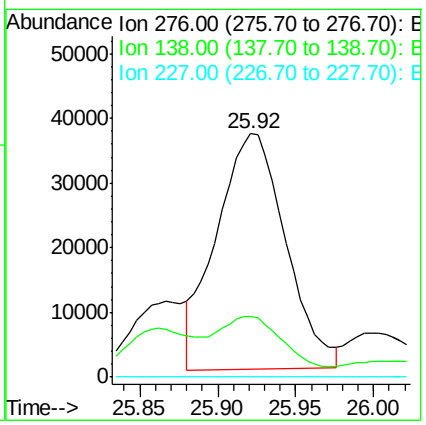


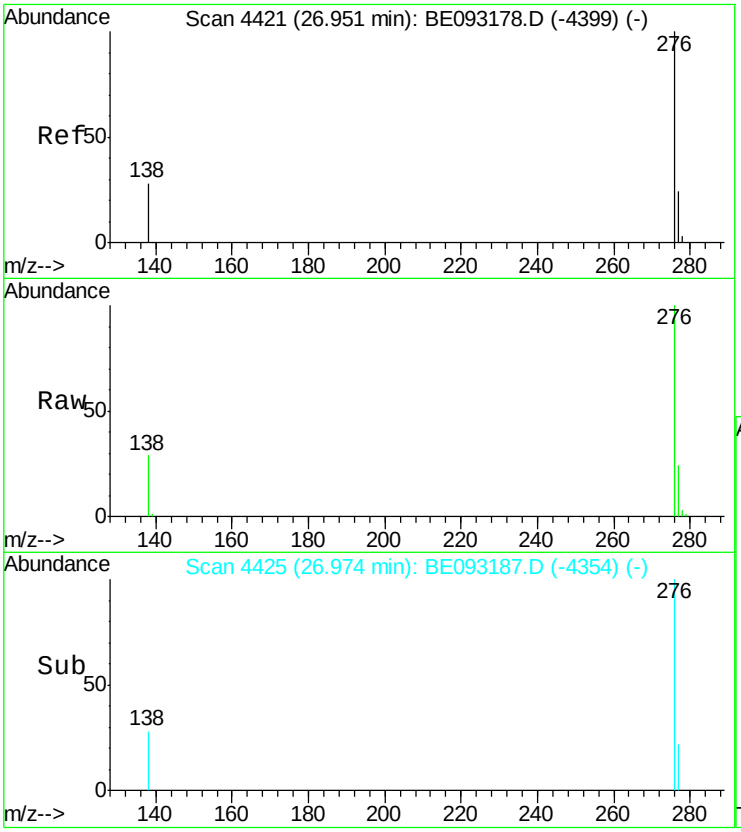


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng/ul
RT: 25.92 min Scan# 4194
Delta R.T. -0.26 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Tgt Ion:276 Resp: 112054

Ion	Ratio	Lower	Upper
276	100		
138	19.9	28.0	42.0#
227	0.0	8.0	12.0#





#26
Benzo(g,h,i)perylene
Concen: 0.18 ng/ul
RT: 26.97 min Scan# 4425
Delta R.T. 0.02 min
Lab File: BE093187.D
Acq: 15 Jun 2017 1:55

Instrument :
BNA_E
ClientSampleId :
F5D30

Tgt Ion:276 Resp: 516456

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.8
277	24.0	20.5	30.7