Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093738.D
Acq On : 9 Aug 2017 3:56
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTD0.446

Quant Time: Aug 09 07:01:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 05:31:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2482	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12950	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7465	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17282	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18062	0.40	ng/ul	0.00
20) Perylene-d12	23.75	264	706	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8358	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	19239	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	12904	0.410	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	9100	0.396	ng/ul	98
7) Acenaphthylene	14.24	152	13036	0.417	ng/ul	95
8) Acenaphthene	14.59	153	9795	0.399	ng/ul	98
9) Fluorene	15.57	166	11454	0.369	ng/ul#	95
11) Pentachlorophenol	16.91	266	1040	0.365	ng/ul	99
12) Phenanthrene	17.29	178	18463	0.392	ng/ul#	89
13) Anthracene	17.38	178	17653	0.385	ng/ul#	89
15) Fluoranthene	19.30	202	20577	0.350	ng/ul	84
17) Pyrene	19.66	202	21303	0.404	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	20315	0.388	ng/ul#	86
19) Chrysene	21.45	228	19874	0.396	ng/ul	97
21) Benzo(b)fluoranthene	23.14	252	19135	8.762	ng/ul	87
22) Benzo(k)fluoranthene	23.14	252	19135	8.885	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.54	276	11086	4.834	ng/ul#	47
25) Dibenzo(a,h)anthracene	26.56	278	8979	4.685	ng/ul#	90

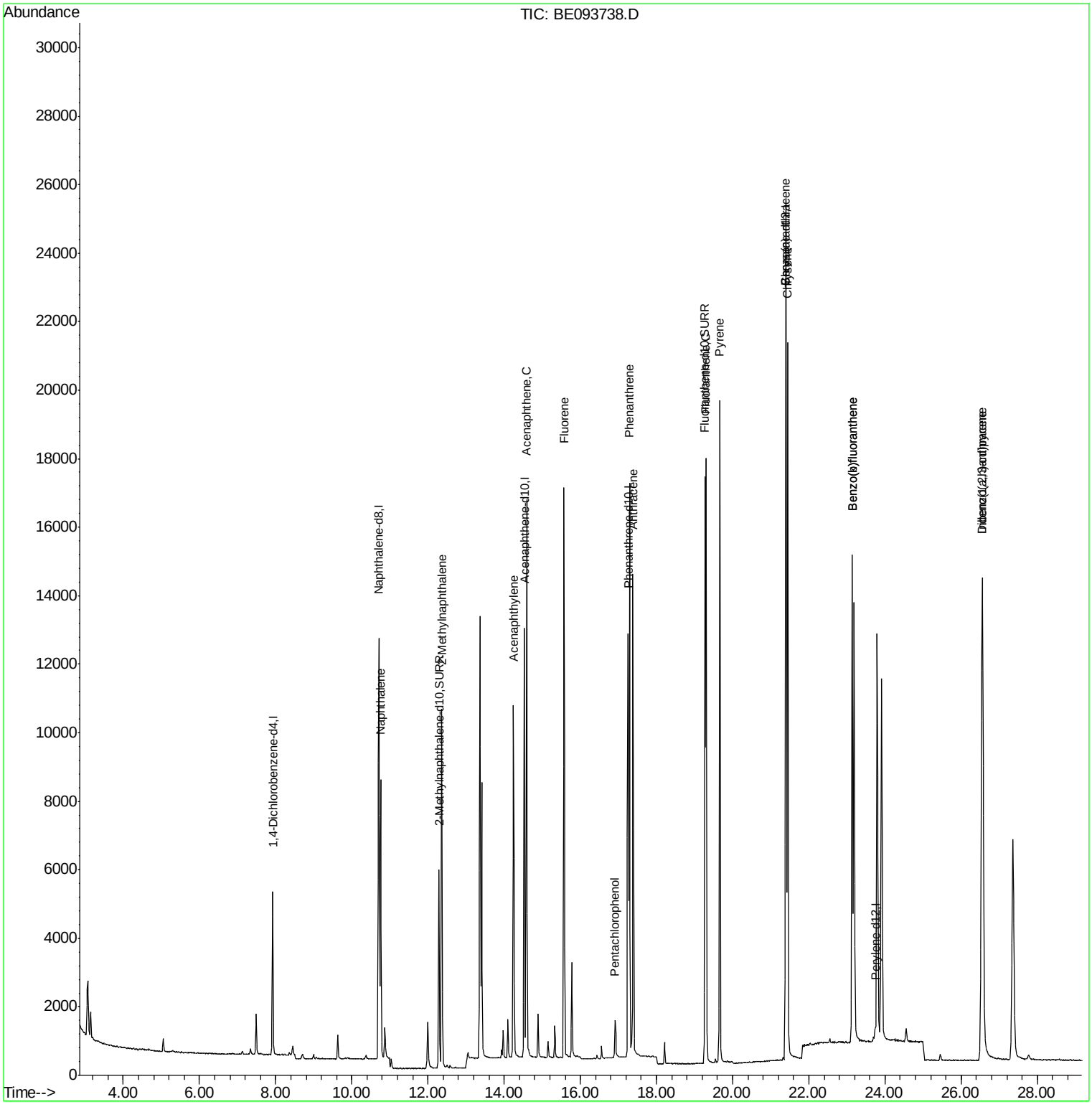
(#) = qualifier out of range (m) = manual integration (+) = signals summed

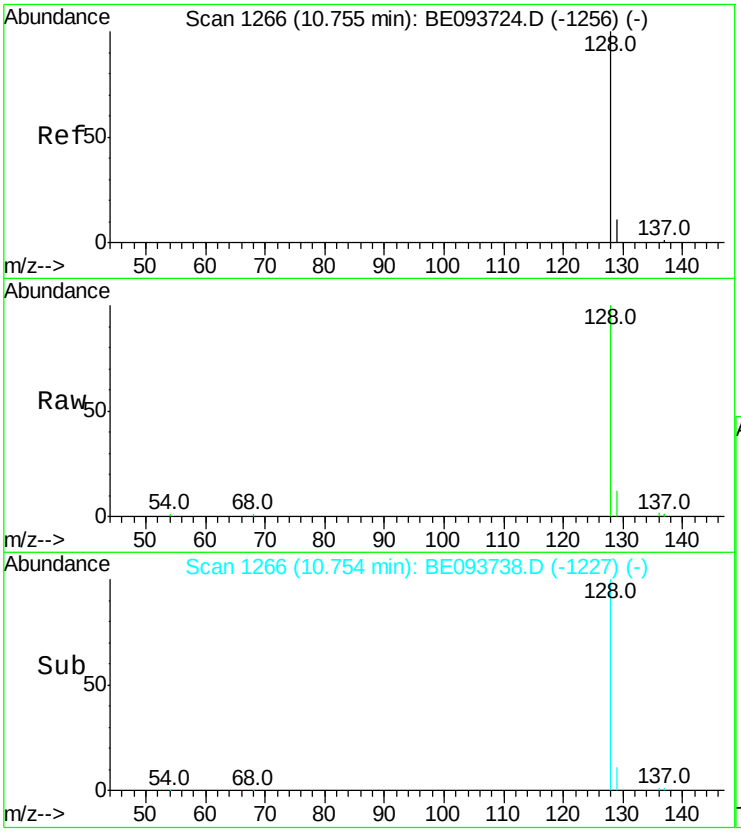
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093738.D
Acq On : 9 Aug 2017 3:56
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.446

Quant Time: Aug 09 07:01:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 05:31:57 2017
Response via : Initial Calibration



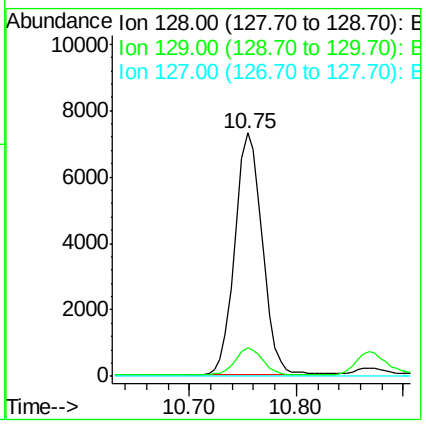


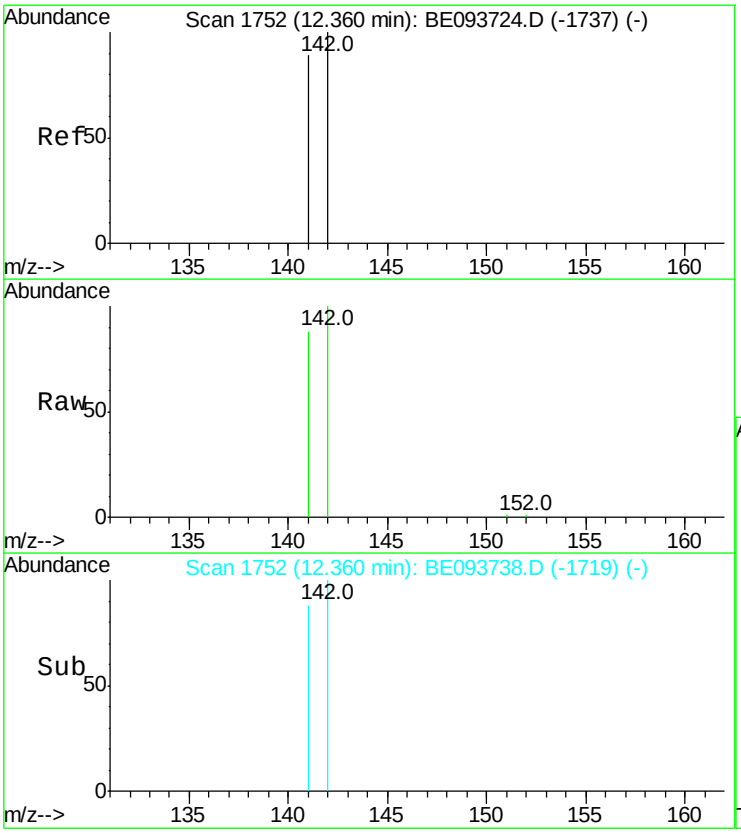
#3
Naphthalene
Concen: 0.410 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Instrument :
BNA_E
ClientSampleId :
SSTD0.446

Tgt Ion:128 Resp: 12904

Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.3	16.9
127	0.0	4.0	6.0#

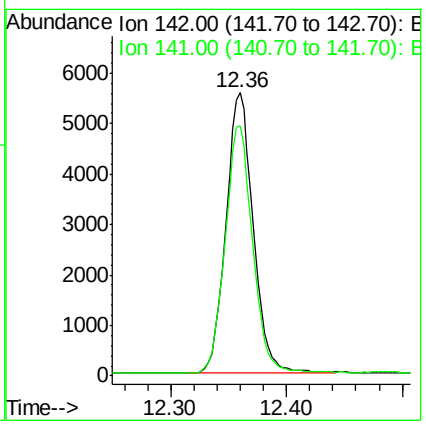


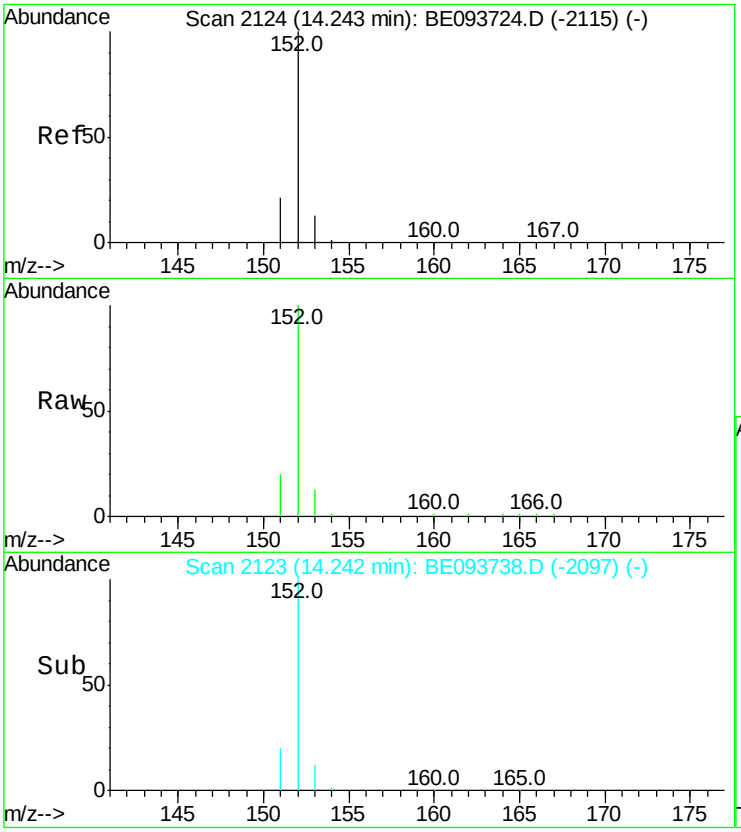


#5
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.36 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Tgt Ion:142 Resp: 9100

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8



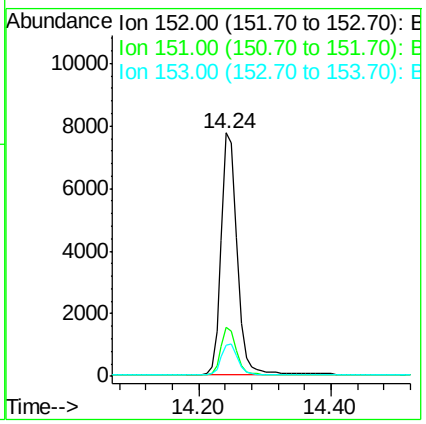


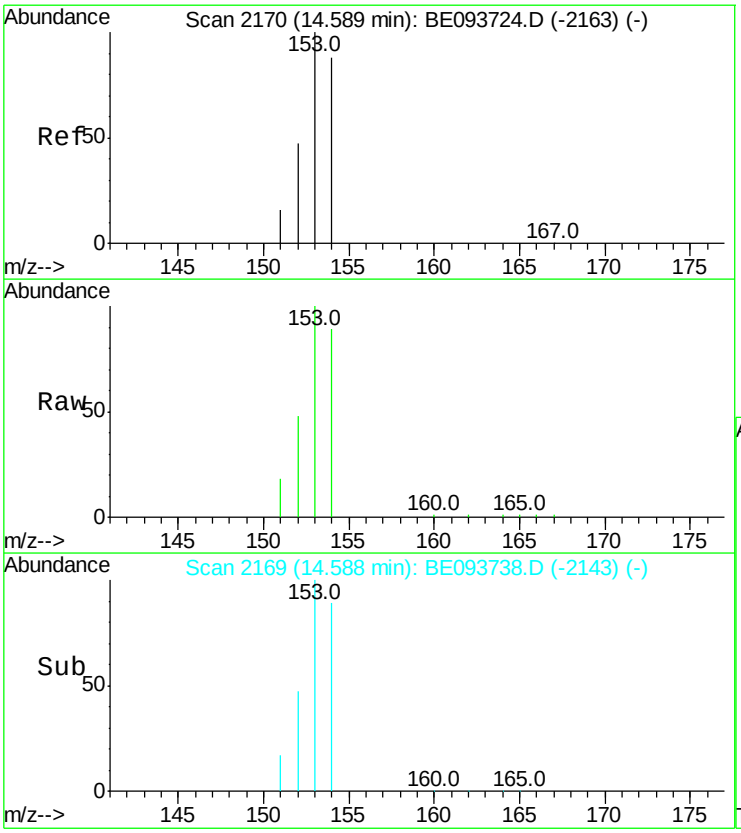
#7
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Instrument :
BNA_E
ClientSampleId :
SSTD0.446

Tgt Ion:152 Resp: 13036

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.1	25.7
153	12.8	12.8	19.2

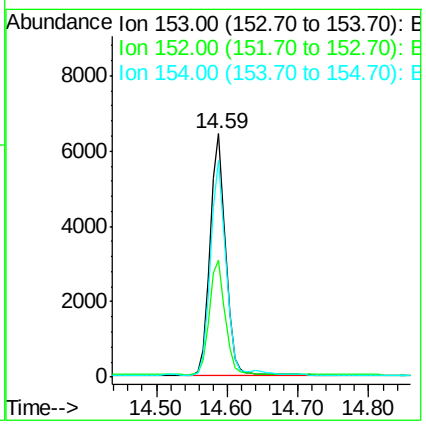


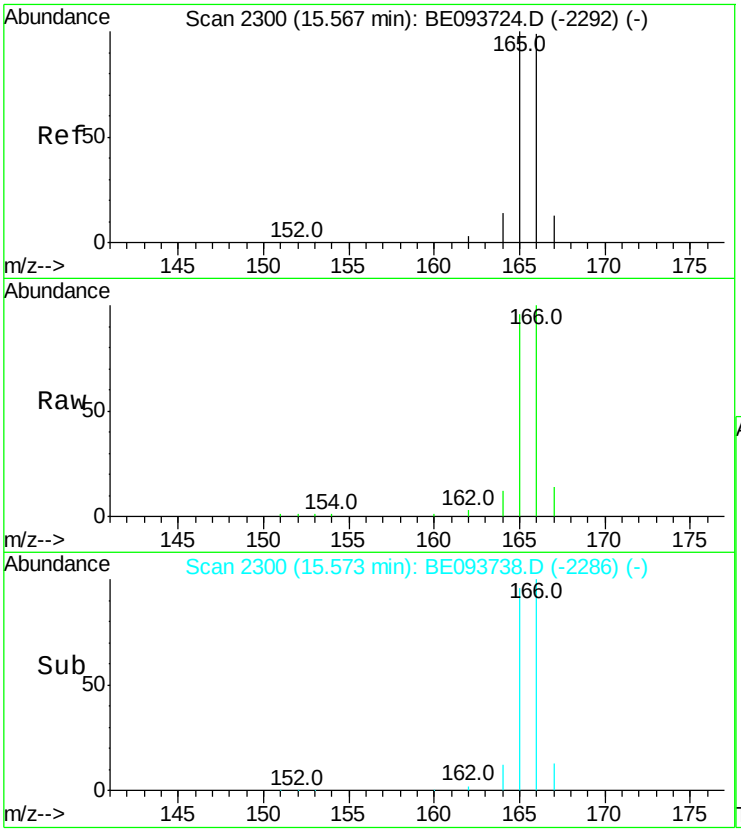


#8
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.59 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Tgt Ion:153 Resp: 9795

Ion	Ratio	Lower	Upper
153	100		
152	47.8	40.3	60.5
154	88.8	71.4	107.2



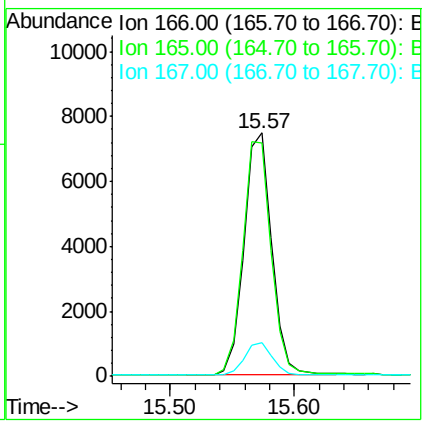


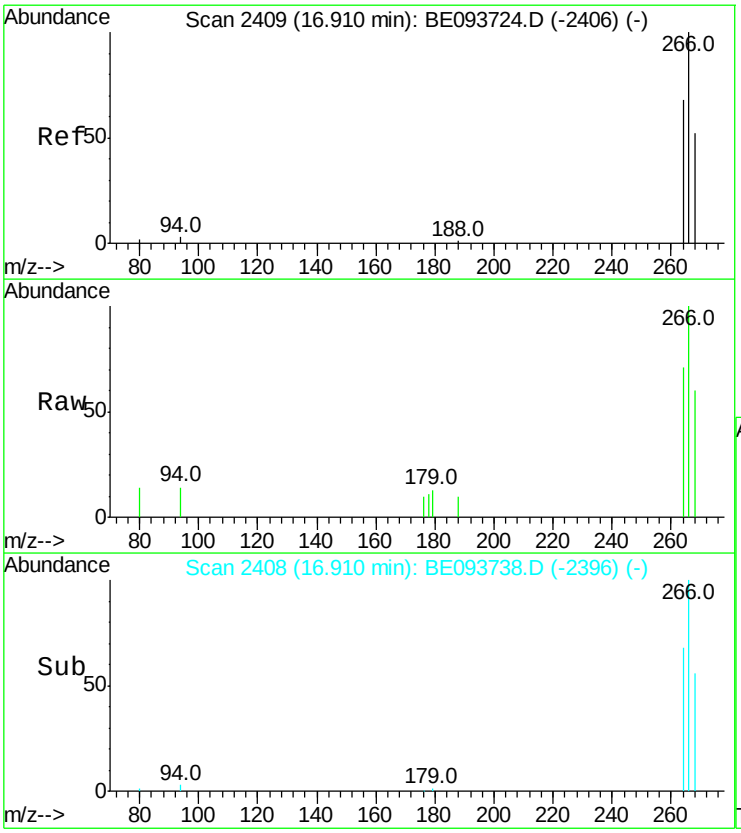
#9
Fluorene
Concen: 0.369 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Instrument :
BNA_E
ClientSampleId :
SSTD0.446

Tgt Ion:166 Resp: 11454

Ion	Ratio	Lower	Upper
166	100		
165	96.0	73.4	110.2
167	14.0	14.6	22.0#

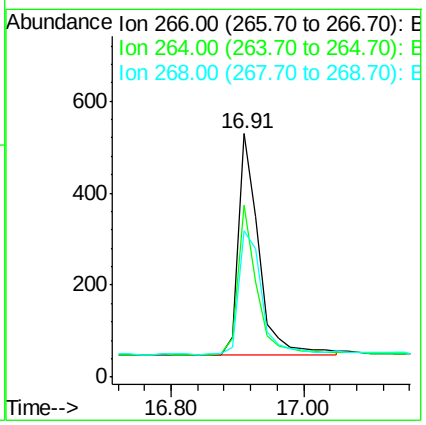


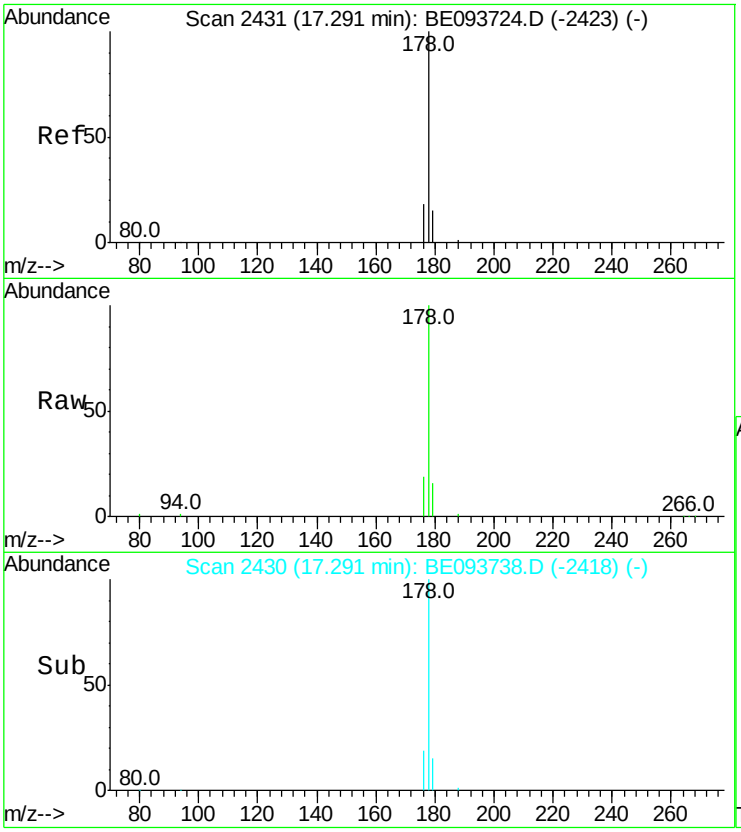


#11
Pentachlorophenol
Concen: 0.365 ng/ul
RT: 16.91 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Tgt Ion:266 Resp: 1040

Ion	Ratio	Lower	Upper
266	100		
264	61.1	47.9	71.9
268	62.3	49.8	74.8



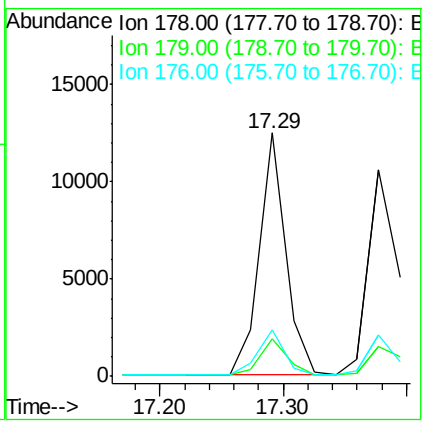


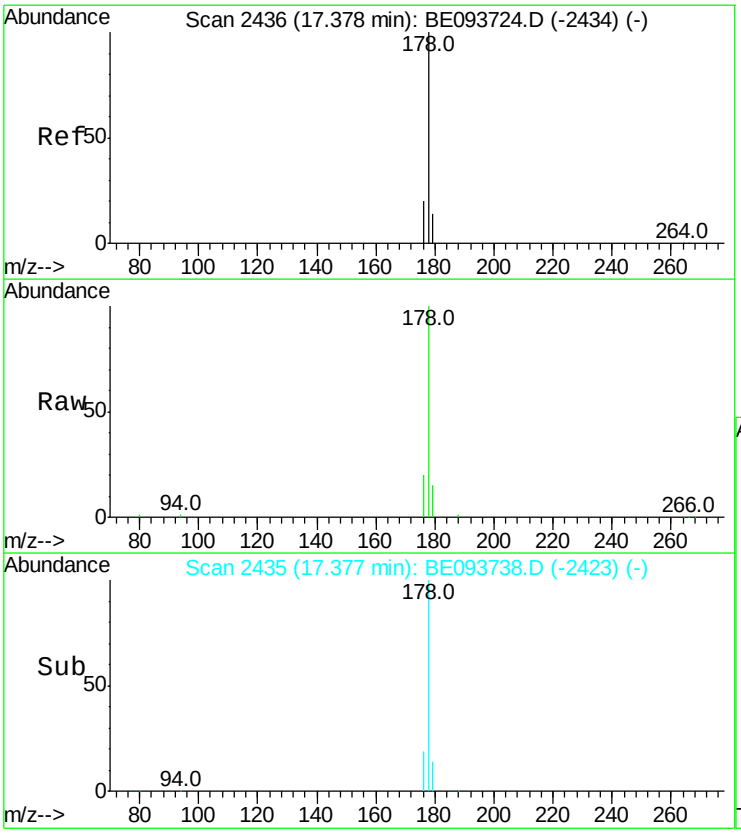
#12
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Instrument :
BNA_E
ClientSampleId :
SSTD0.446

Tgt Ion:178 Resp: 18463

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	18.9	13.6	20.4

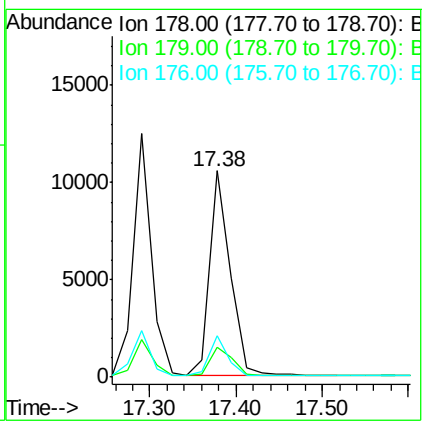


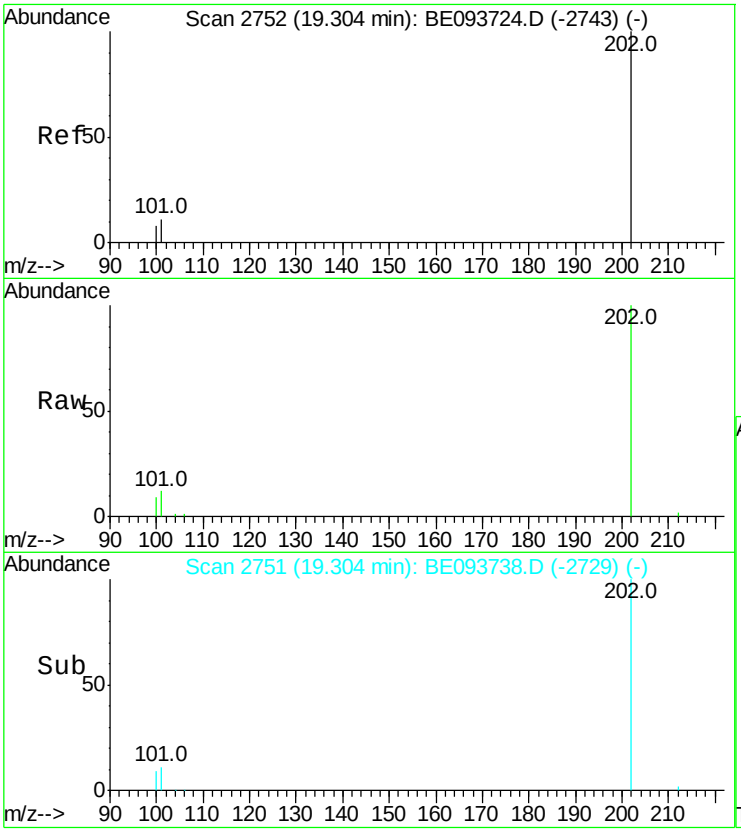


#13
Anthracene
Concen: 0.385 ng/ul
RT: 17.38 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Tgt Ion:178 Resp: 17653

Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.1	27.1#
176	19.9	14.7	22.1



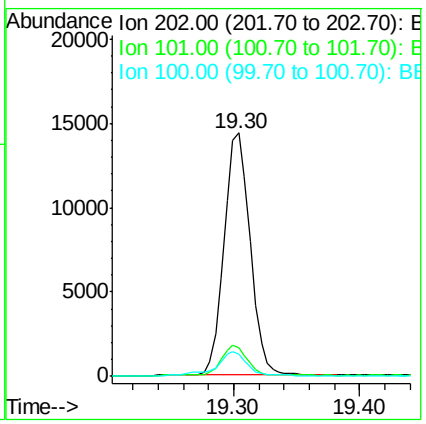


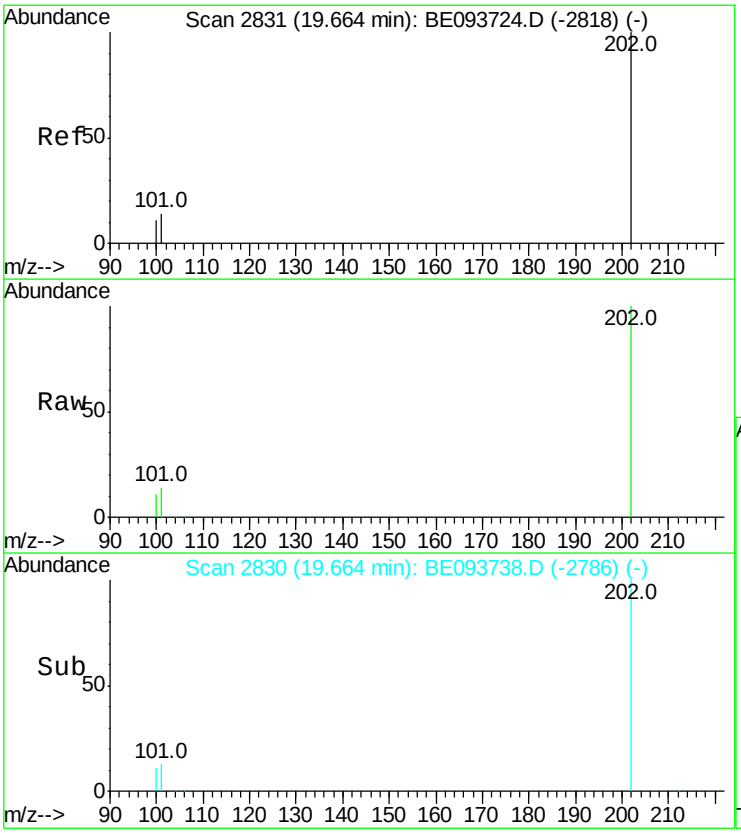
#15
Fluoranthene
Concen: 0.350 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Instrument :
BNA_E
ClientSampleId :
SSTD0.446

Tgt Ion:202 Resp: 20577

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.1	0.0	39.5

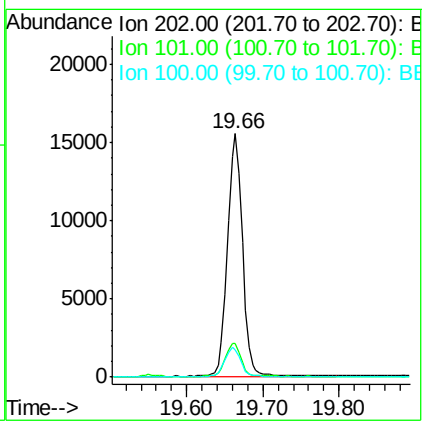


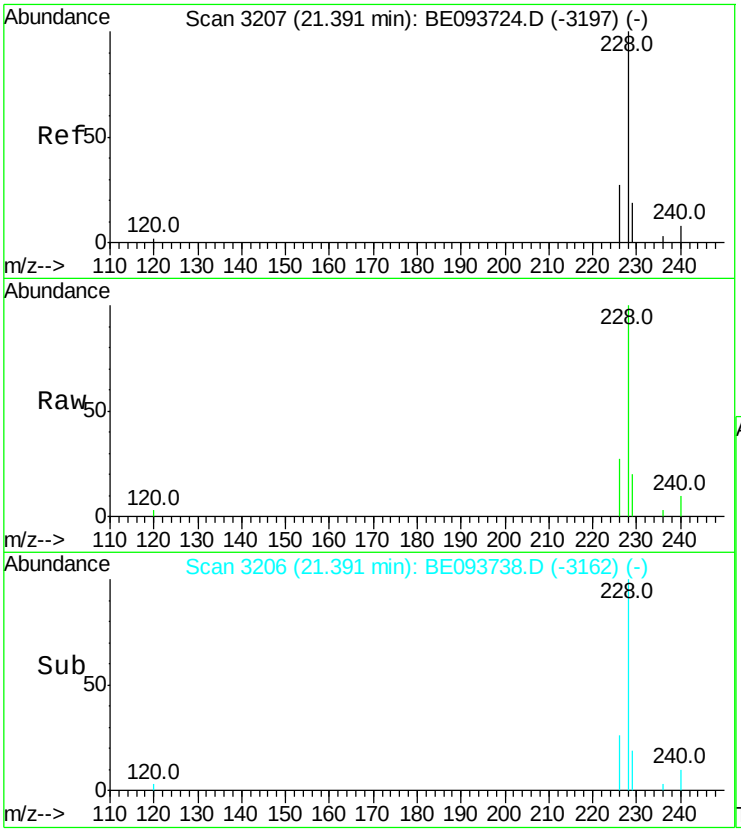


#17
Pyrene
Concen: 0.404 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Tgt Ion:202 Resp: 21303

Ion	Ratio	Lower	Upper
202	100		
101	13.6	18.2	27.4#
100	11.4	15.6	23.4#



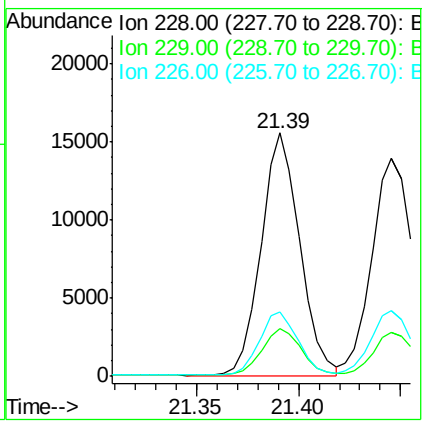


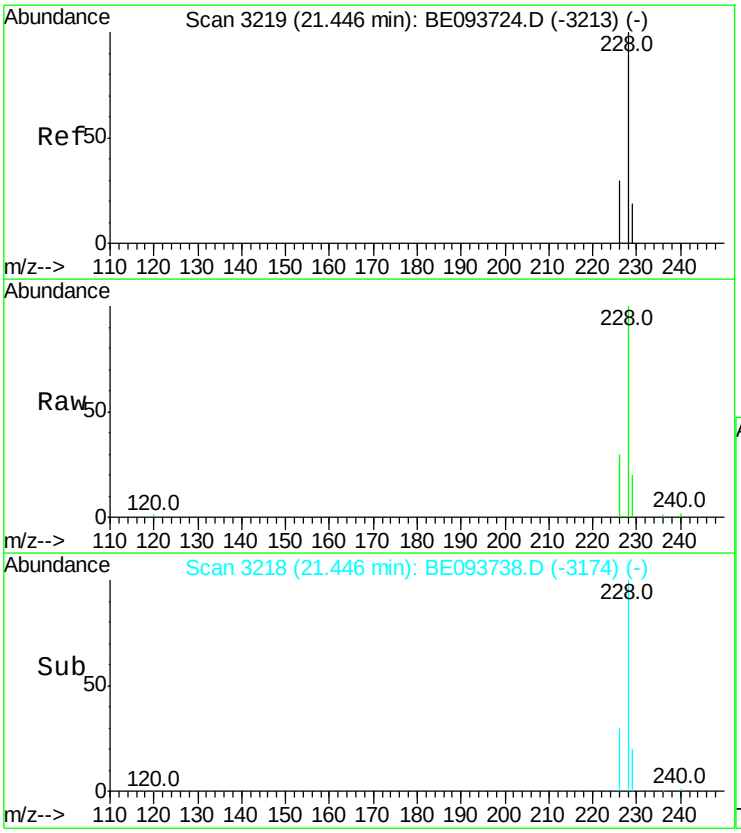
#18
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Instrument :
BNA_E
ClientSampleId :
SSTD0.446

Tgt Ion:228 Resp: 20315

Ion	Ratio	Lower	Upper
228	100		
229	19.9	22.8	34.2#
226	26.6	17.0	25.6#

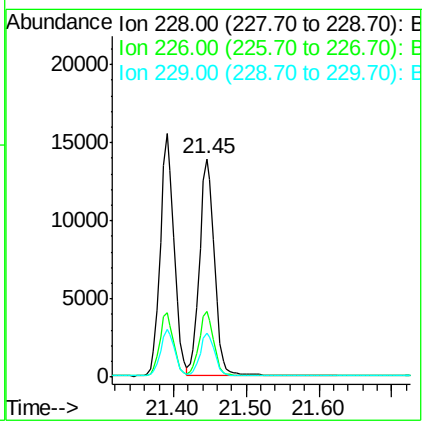


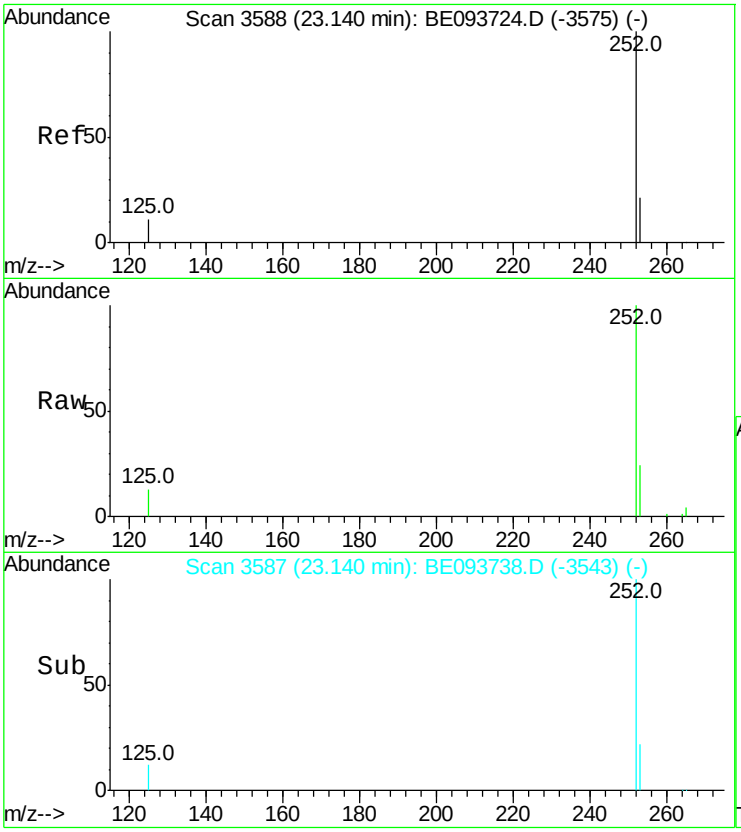


#19
Chrysene
Concen: 0.396 ng/ul
RT: 21.45 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Tgt Ion:228 Resp: 19874

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	20.0	17.7	26.5



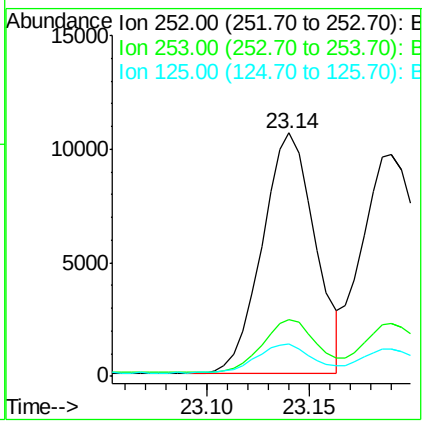


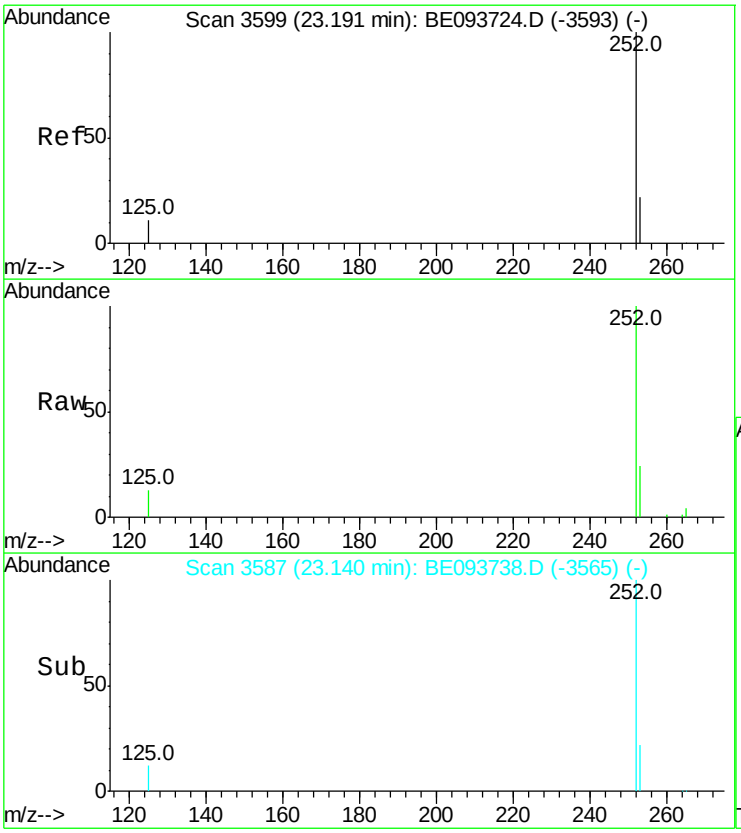
#21
Benzo(b)fluoranthene
Concen: 8.762 ng/ul
RT: 23.14 min Scan# 3587
Delta R.T. -0.00 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Instrument :
BNA_E
ClientSampleId :
SSTD0.446

Tgt Ion:252 Resp: 19135

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	64.2
125	13.4	0.0	35.0

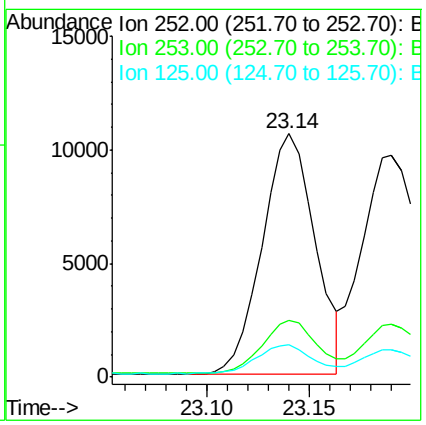


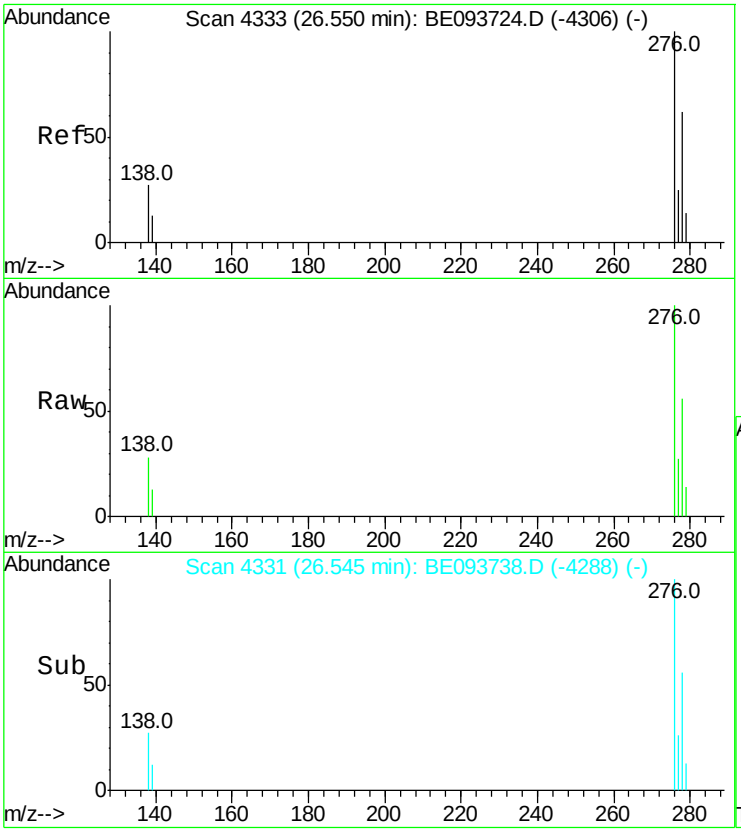


#22
Benzo(k)fluoranthene
Concen: 8.885 ng/ul
RT: 23.14 min Scan# 3587
Delta R.T. -0.05 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Tgt Ion:252 Resp: 19135

Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	13.4	13.7	20.5#



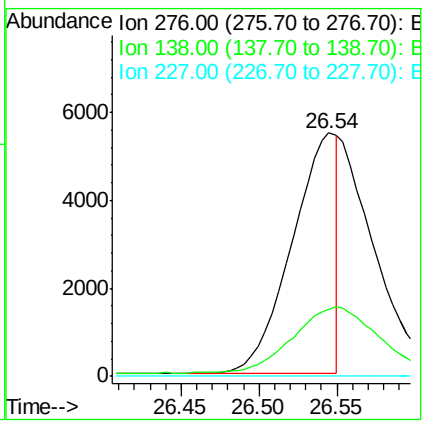


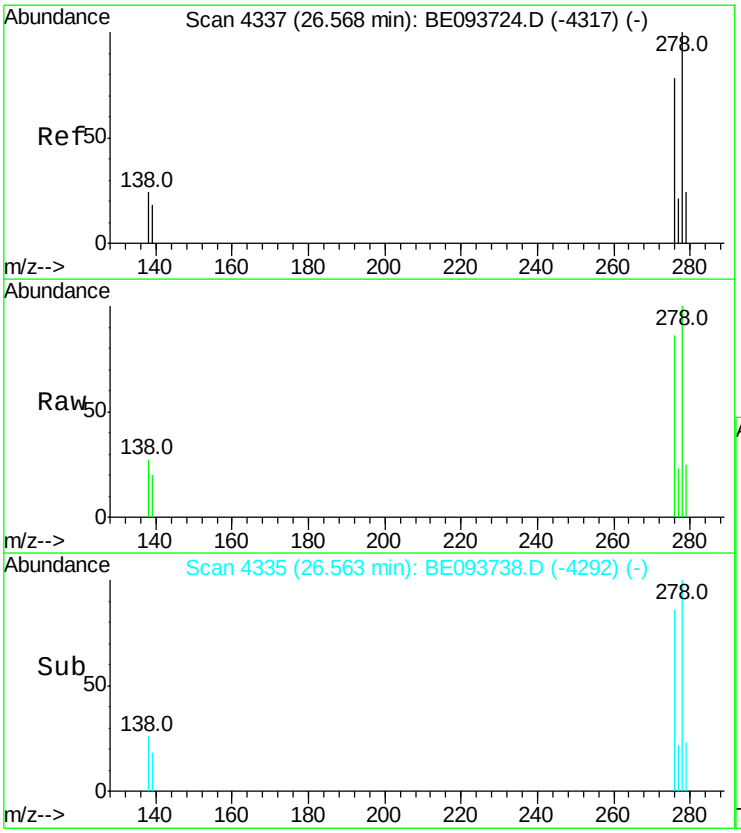
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.834 ng/ul
RT: 26.54 min Scan# 4331
Delta R.T. -0.01 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Instrument :
BNA_E
ClientSampleId :
SSTD0.446

Tgt Ion:276 Resp: 11086

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





#25
Dibenzo(a,h)anthracene
Concen: 4.685 ng/ul
RT: 26.56 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BE093738.D
Acq: 9 Aug 2017 3:56

Tgt Ion:278 Resp: 8979

Ion	Ratio	Lower	Upper
278	100		
139	19.6	17.4	26.0
279	24.8	25.9	38.9#