Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

Quantitation Report (Not Reviewed)

Data File : BE093304.D
Acq On : 21 Jun 2017 5:01
Operator : SJ/JU
Sample : I3599-03DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5D37DL

Quant Time: Jun 21 07:02:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1878	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	10002	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5980	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14716	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	15986	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	13984	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	535	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1533	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	14800	0.60	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	2750	0.16	ng/ul	99
7) Acenaphthylene	14.09	152	33584	1.31	ng/ul	95
8) Acenaphthene	14.42	153	2917	0.14	ng/ul	96
9) Fluorene	15.42	166	3710	0.15	ng/ul	97
12) Phenanthrene	17.13	178	42805	1.06	ng/ul#	90
13) Anthracene	17.22	178	67671	1.92	ng/ul#	89
15) Fluoranthene	19.15	202	402573	8.11	ng/ul	83
17) Pyrene	19.51	202	519215	11.01	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	257157	6.03	ng/ul#	85
19) Chrysene	21.30	228	341196	7.71	ng/ul	99
21) Benzo(b)fluoranthene	22.94	252	792995	18.69	ng/ul	87
22) Benzo(k)fluoranthene	23.12	252	66387	1.47	ng/ul	96
23) Benzo(a)pyrene	23.55	252	265990	6.63	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	173181	3.73	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	51520	1.32	ng/ul	92
26) Benzo(g,h,i)perylene	26.96	276	105172	2.64	ng/ul	96

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

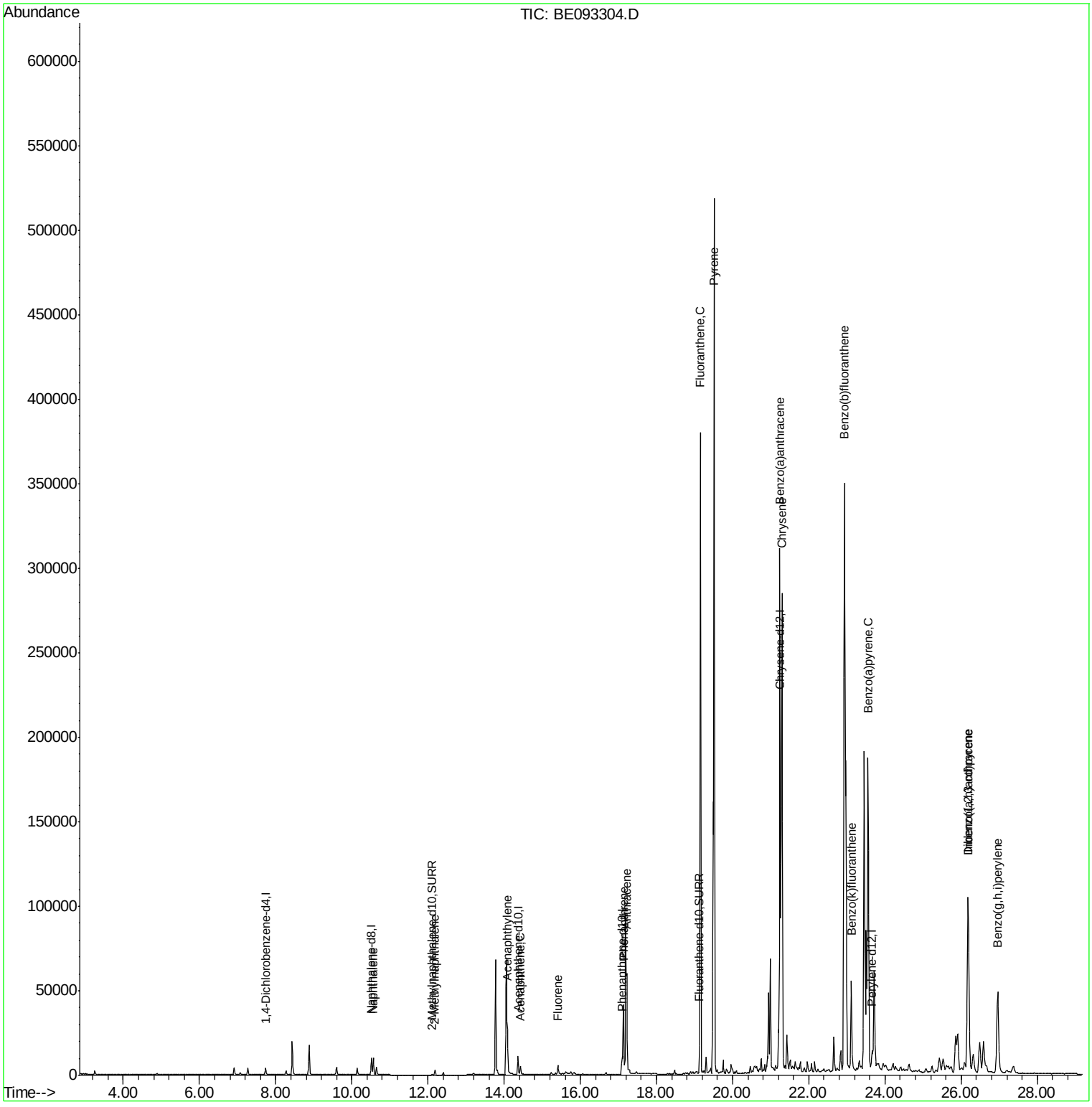
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

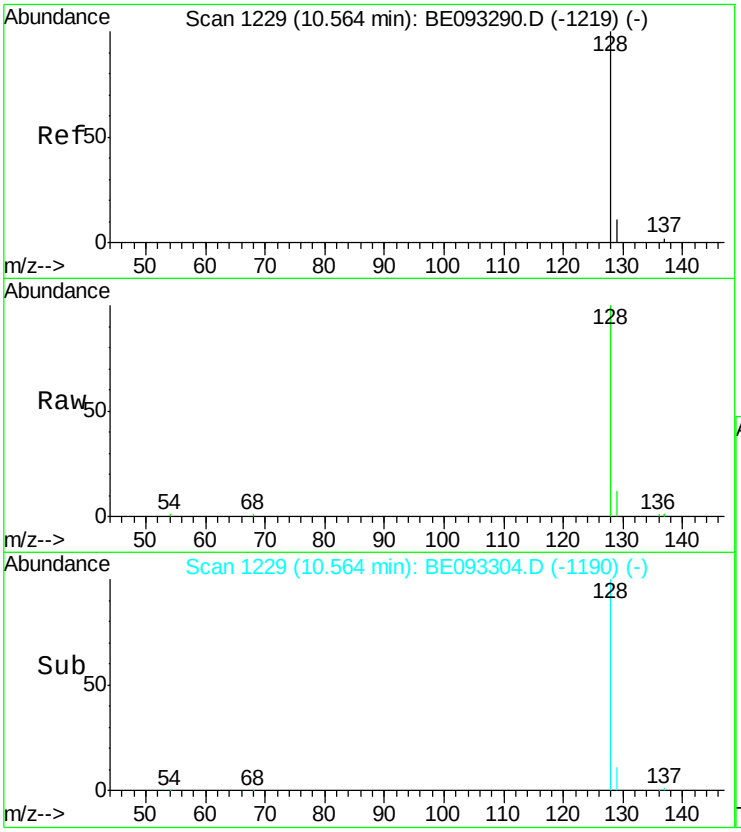
Quantitation Report (Not Reviewed)

Data File : BE093304.D
Acq On : 21 Jun 2017 5:01
Operator : SJ/JU
Sample : I3599-03DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5D37DL

Quant Time: Jun 21 07:02:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration



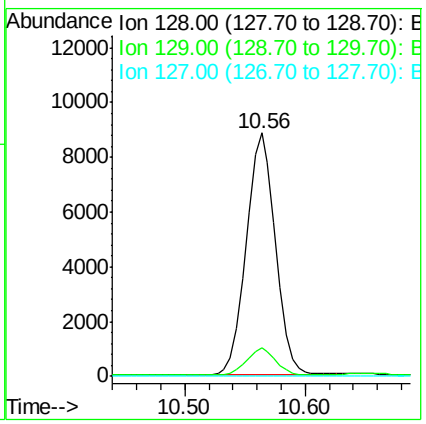


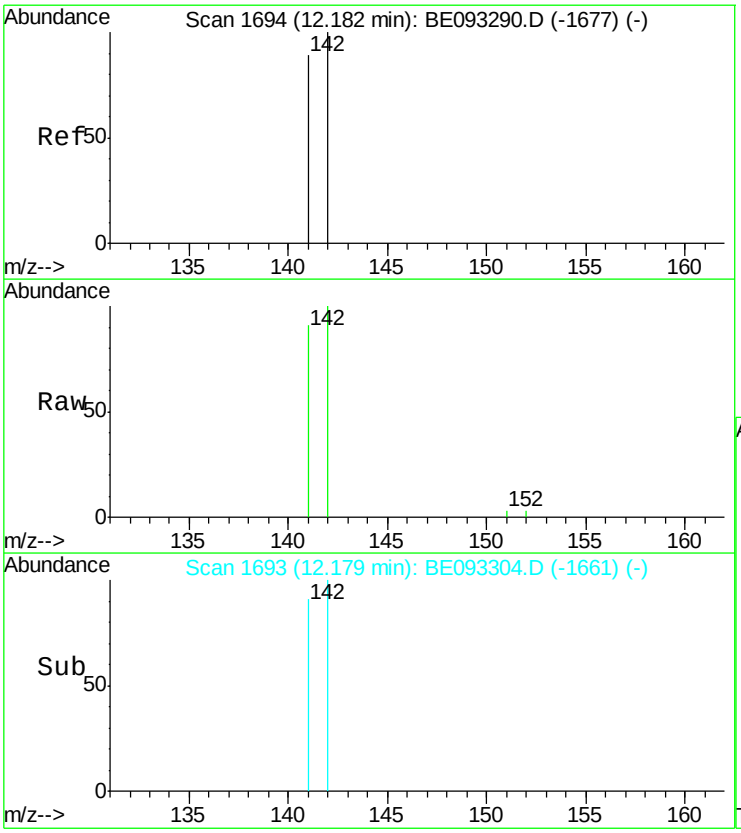
#3
Naphthalene
Concen: 0.60 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Instrument :
BNA_E
ClientSampleId :
F5D37DL

Tgt Ion:128 Resp: 14800

Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.3	16.9
127	0.0	4.0	6.0#

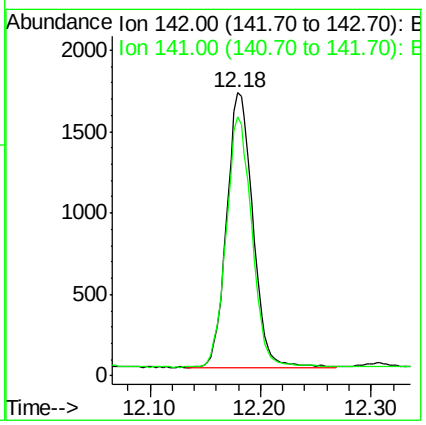


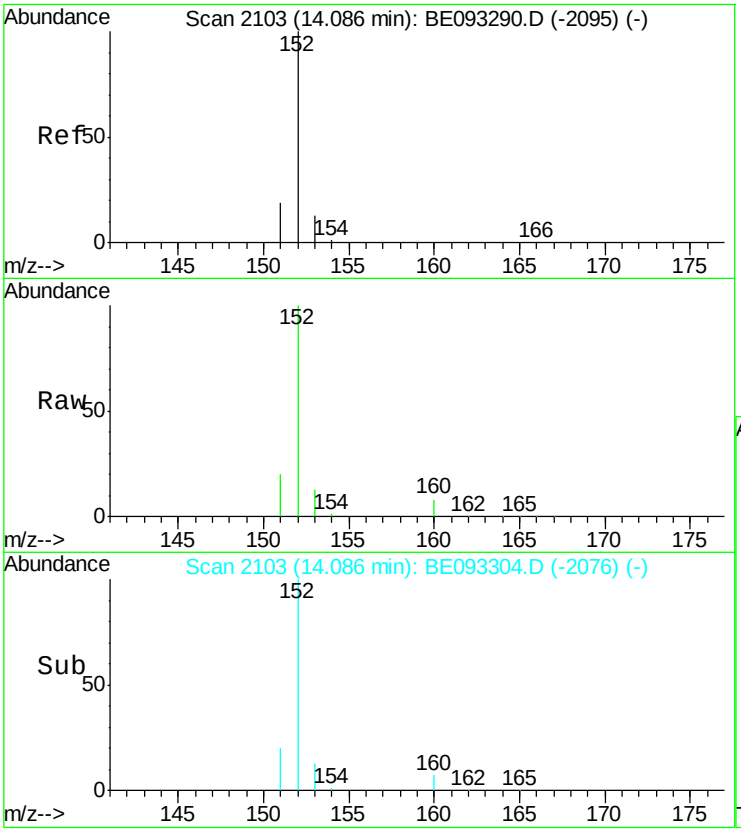


#5
2-Methylnaphthalene
Concen: 0.16 ng/ul
RT: 12.18 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Tgt Ion:142 Resp: 2750

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8



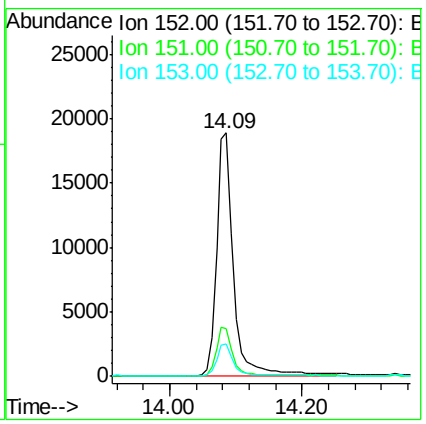


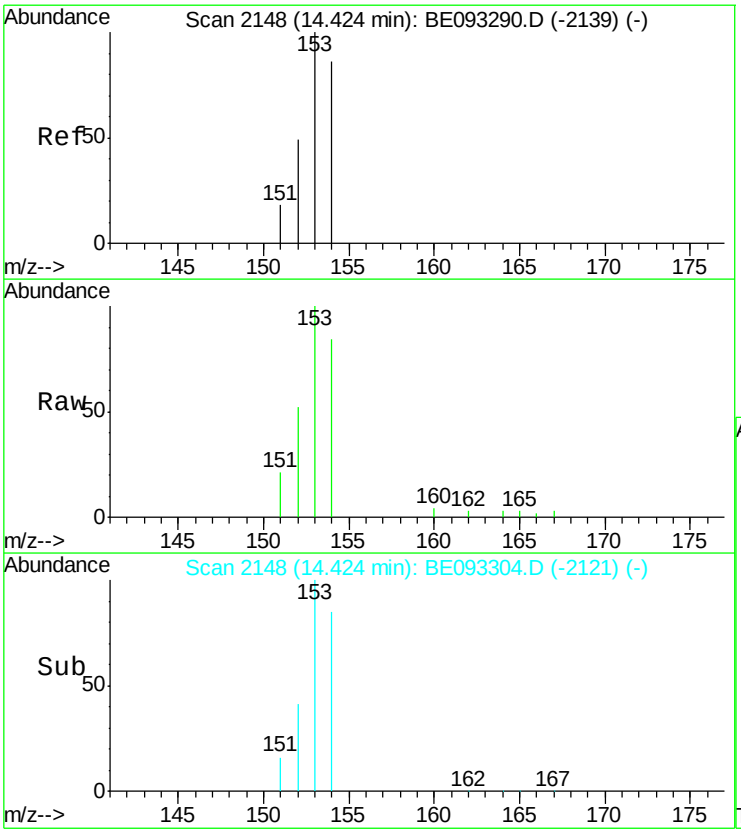
#7
Acenaphthylene
Concen: 1.31 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Instrument :
BNA_E
ClientSampleId :
F5D37DL

Tgt Ion:152 Resp: 33584

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.1	25.7
153	13.4	12.8	19.2

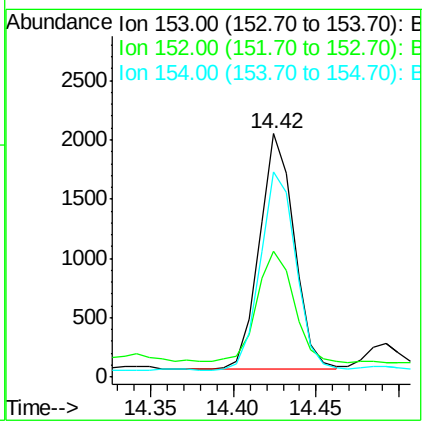


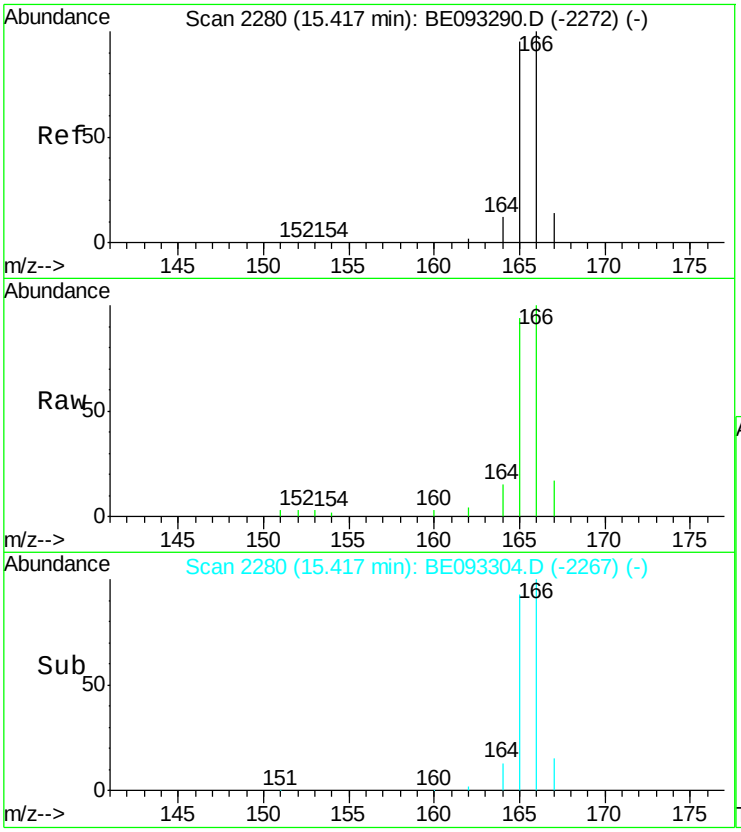


#8
Acenaphthene
Concen: 0.14 ng/ul
RT: 14.42 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Tgt Ion:153 Resp: 2917

Ion	Ratio	Lower	Upper
153	100		
152	51.7	40.3	60.5
154	84.5	71.4	107.2



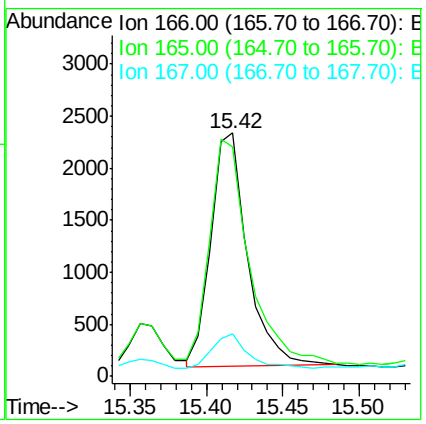


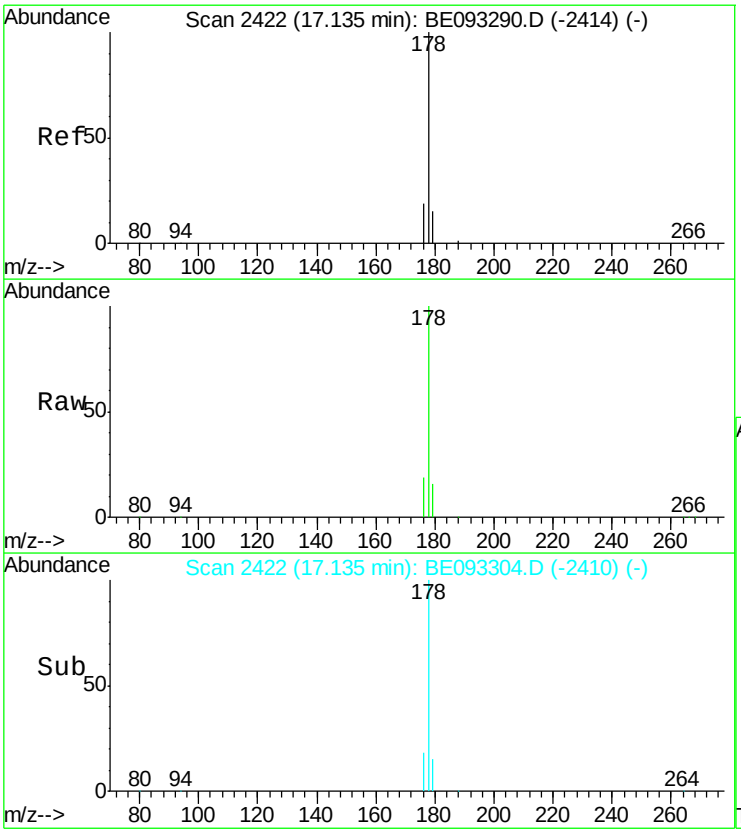
#9
Fluorene
Concen: 0.15 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Instrument :
BNA_E
ClientSampleId :
F5D37DL

Tgt Ion:166 Resp: 3710

Ion	Ratio	Lower	Upper
166	100		
165	94.2	73.4	110.2
167	17.3	14.6	22.0

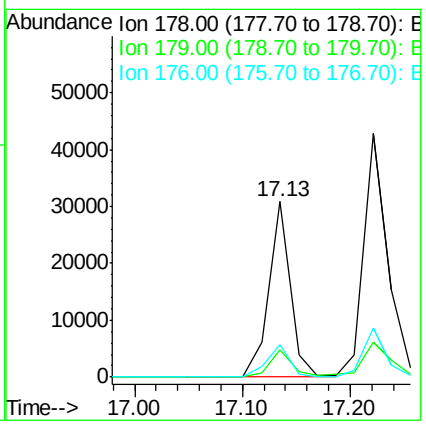


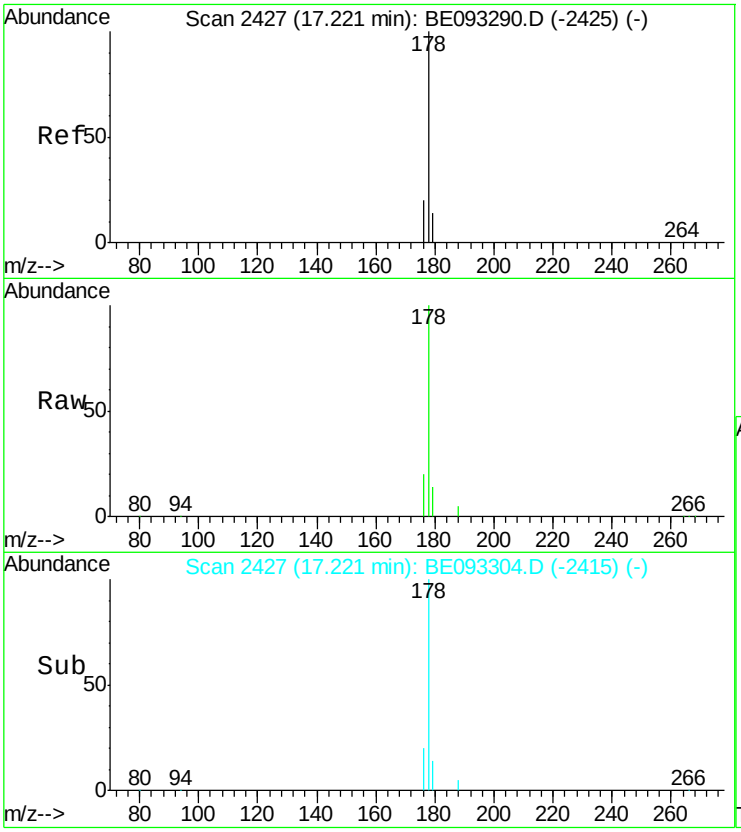


#12
Phenanthrene
Concen: 1.06 ng/ul
RT: 17.13 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Tgt Ion:178 Resp: 42805

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	18.6	13.6	20.4



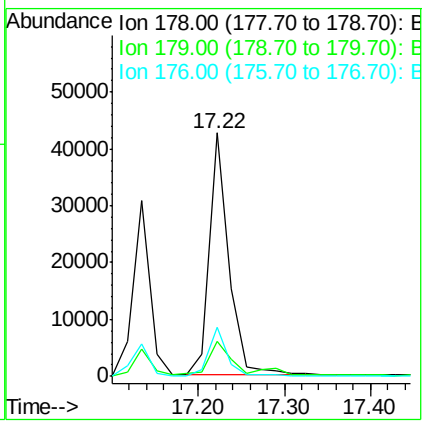


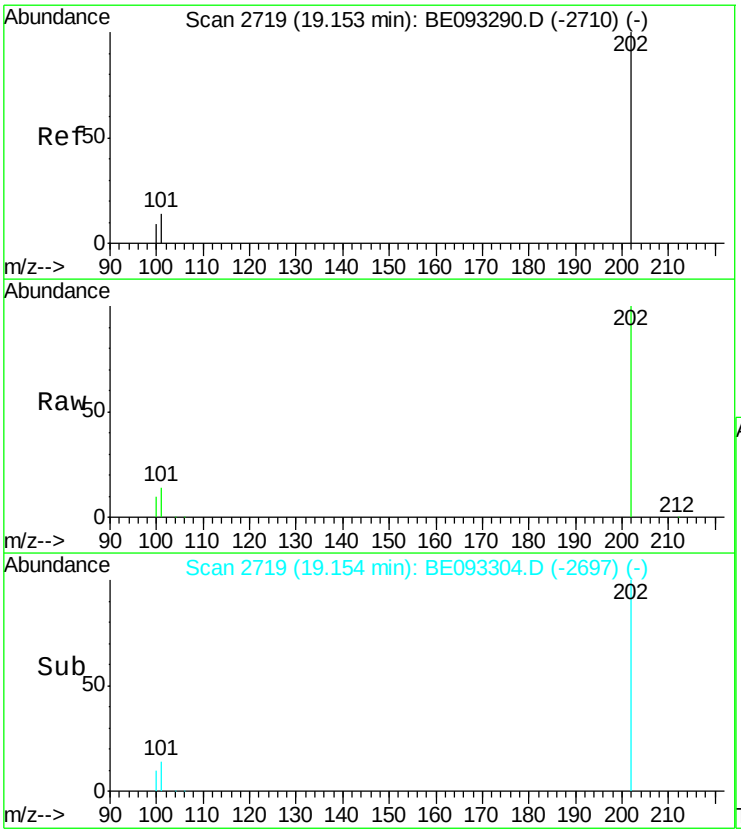
#13
Anthracene
Concen: 1.92 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Instrument :
BNA_E
ClientSampleId :
F5D37DL

Tgt Ion:178 Resp: 67671

Ion	Ratio	Lower	Upper
178	100		
179	14.4	18.1	27.1#
176	20.0	14.7	22.1

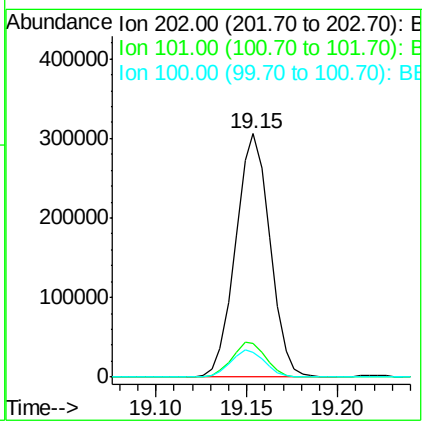


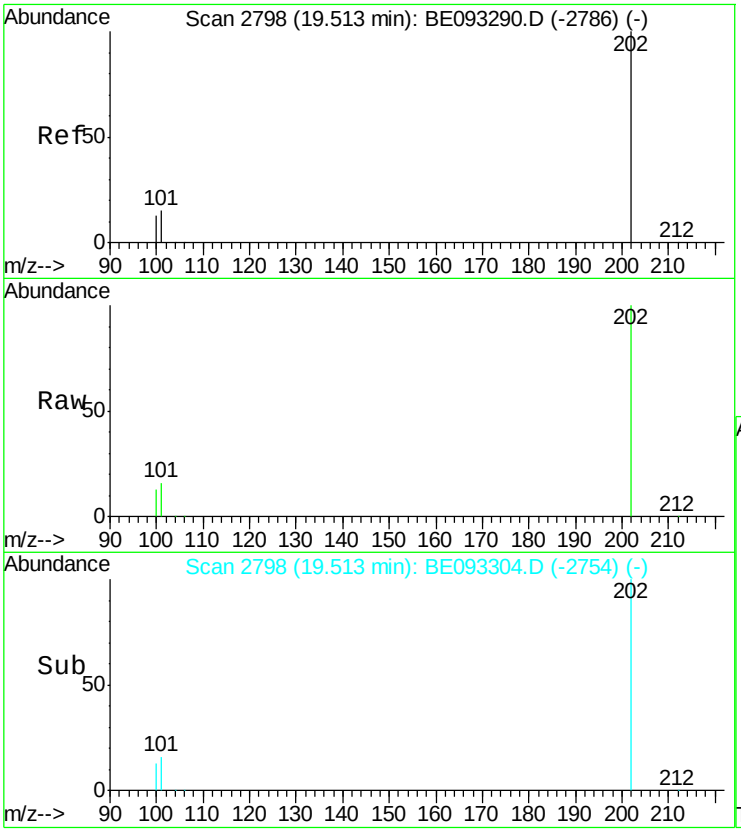


#15
Fluoranthene
Concen: 8.11 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Tgt Ion:202 Resp: 402573

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	30.3
100	10.3	0.0	39.5



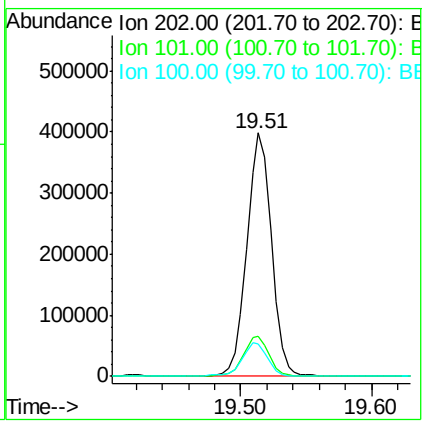


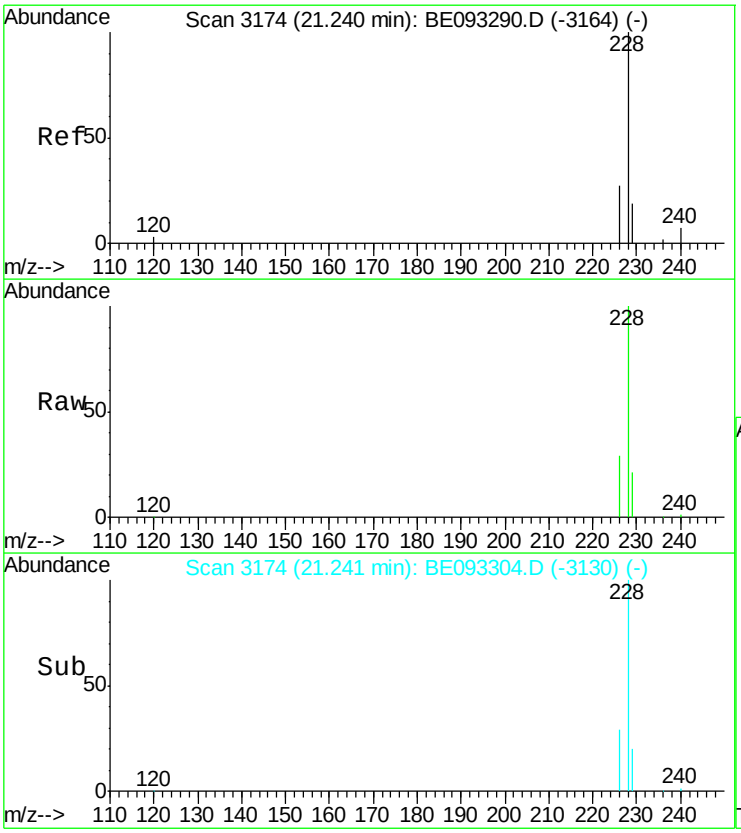
#17
Pyrene
Concen: 11.01 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Instrument :
BNA_E
ClientSampleId :
F5D37DL

Tgt Ion:202 Resp: 519215

Ion	Ratio	Lower	Upper
202	100		
101	16.4	18.2	27.4#
100	13.4	15.6	23.4#

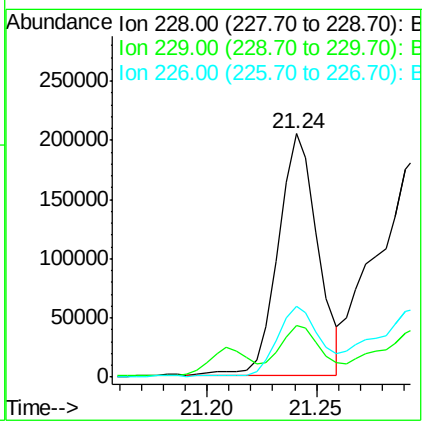


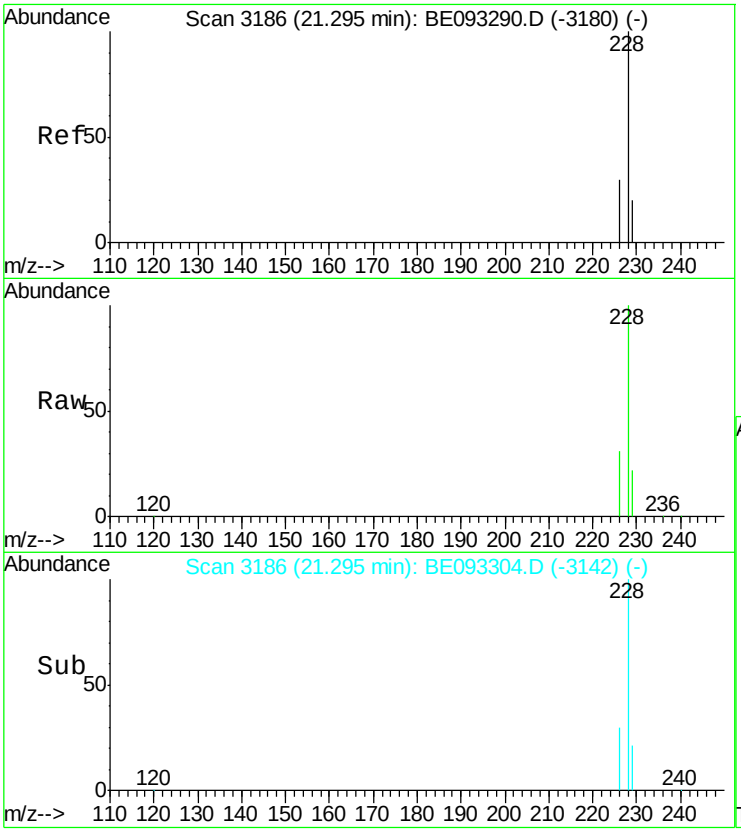


#18
Benzo(a)anthracene
Concen: 6.03 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Tgt Ion:228 Resp: 257157

Ion	Ratio	Lower	Upper
228	100		
229	21.1	22.8	34.2#
226	29.3	17.0	25.6#



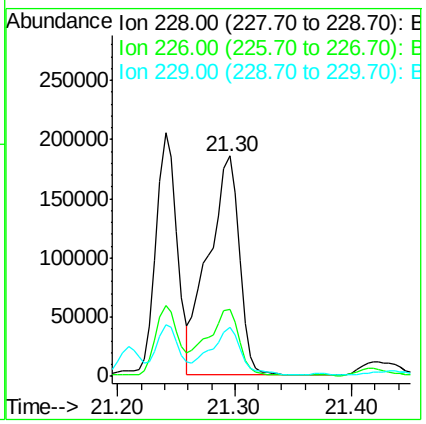


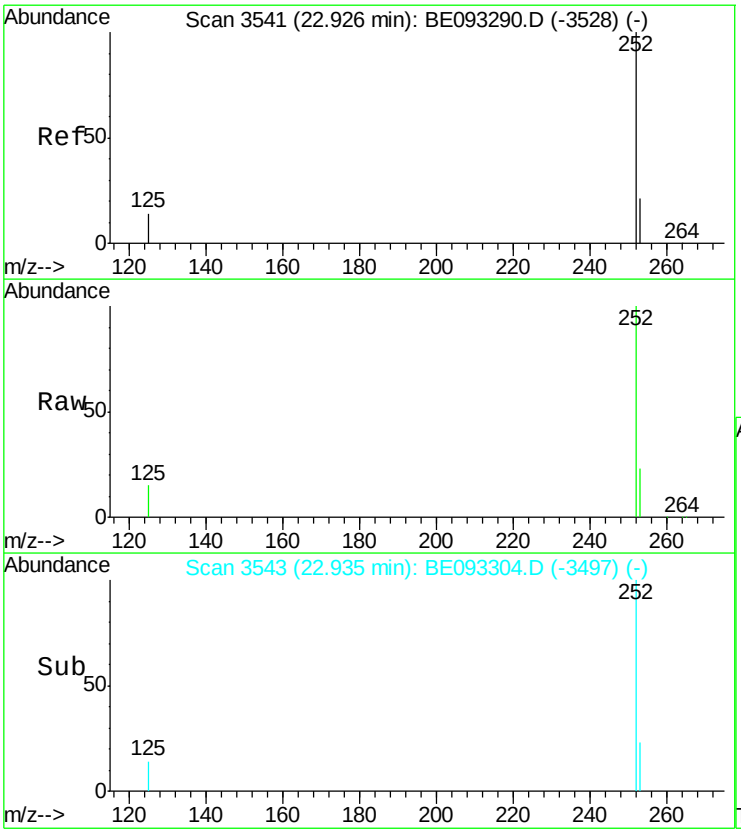
#19
Chrysene
Concen: 7.71 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Instrument :
BNA_E
ClientSampleId :
F5D37DL

Tgt Ion:228 Resp: 341196

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	22.1	17.7	26.5

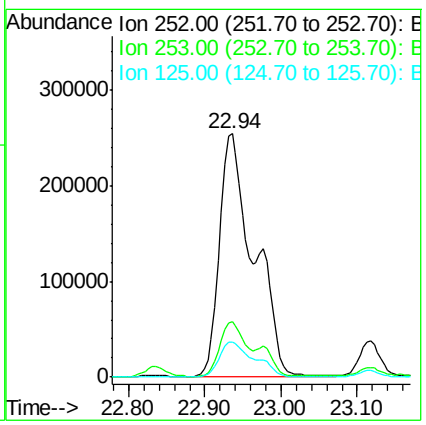


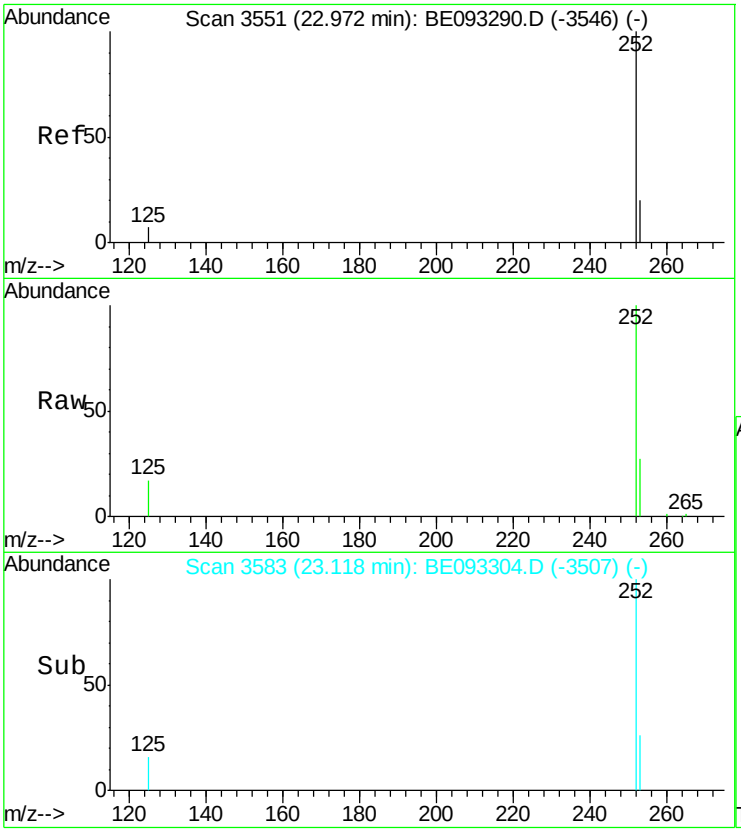


#21
Benzo(b)fluoranthene
Concen: 18.69 ng/ul
RT: 22.94 min Scan# 3543
Delta R.T. 0.01 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Tgt Ion:252 Resp: 792995

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	14.5	0.0	35.0



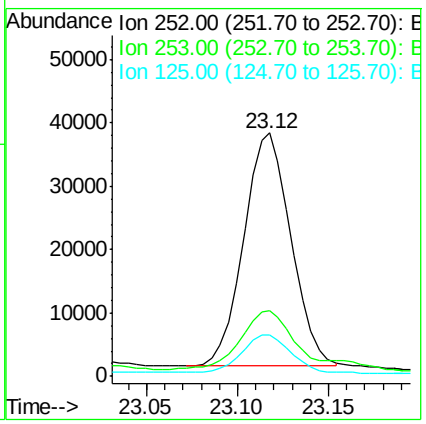


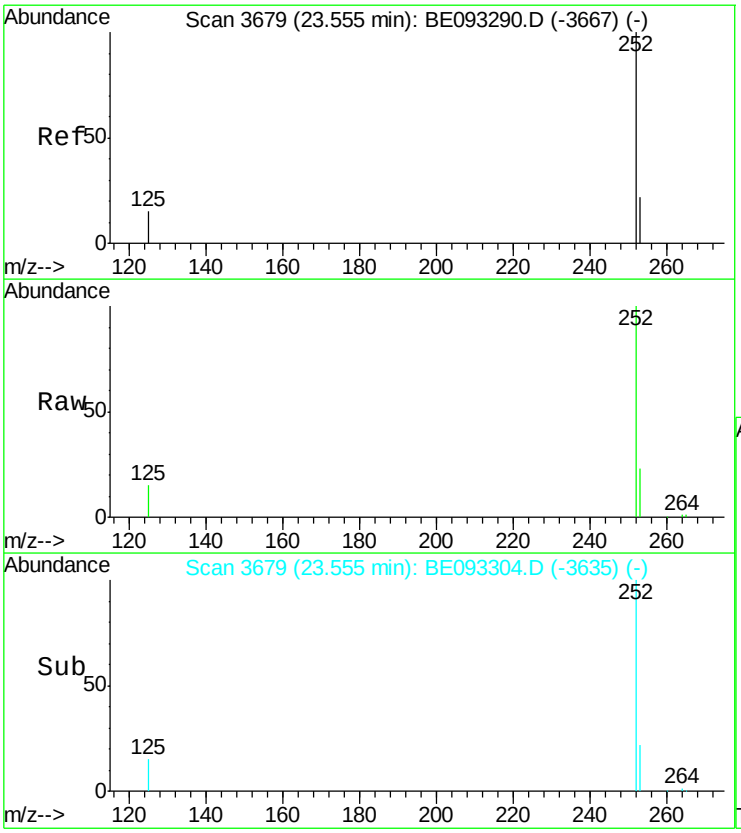
#22
Benzo(k)fluoranthene
Concen: 1.47 ng/ul
RT: 23.12 min Scan# 3583
Delta R.T. 0.15 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Instrument :
BNA_E
ClientSampleId :
F5D37DL

Tgt Ion:252 Resp: 66387

Ion	Ratio	Lower	Upper
252	100		
253	27.2	24.5	36.7
125	17.1	13.7	20.5

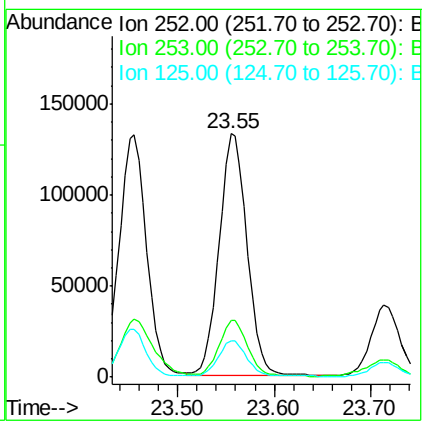


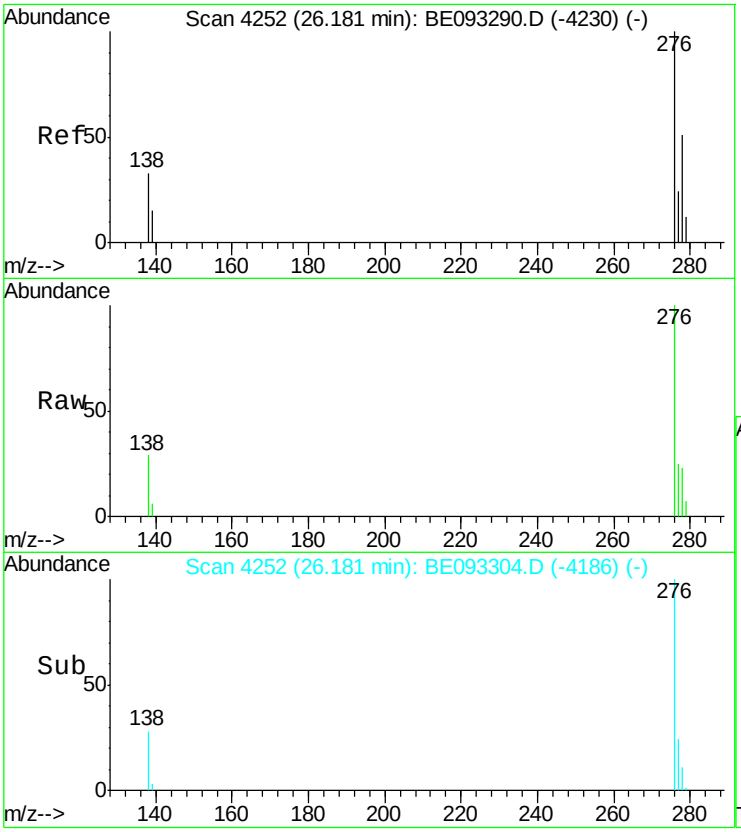


#23
Benzo(a)pyrene
Concen: 6.63 ng/ul
RT: 23.55 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Tgt Ion:252 Resp: 265990

Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	15.1	18.1	27.1#



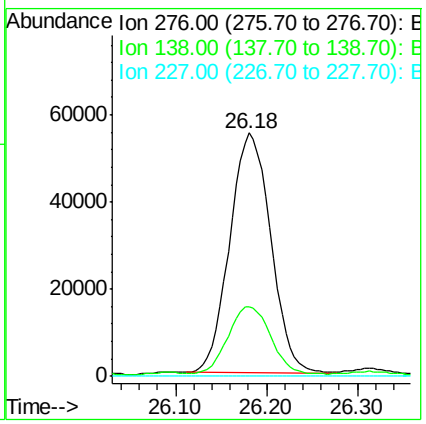


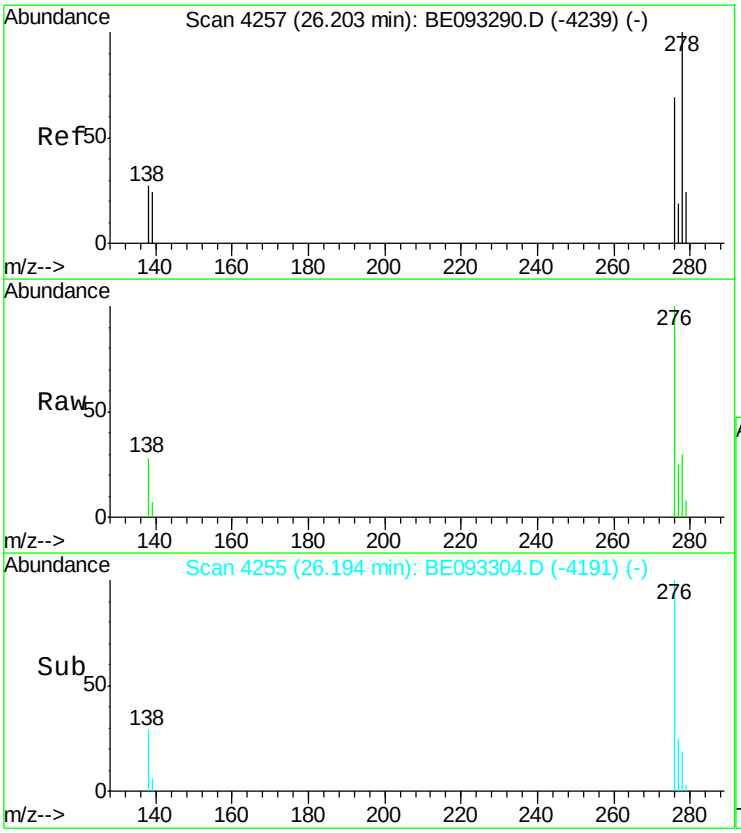
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.73 ng/ul
RT: 26.18 min Scan# 4252
Delta R.T. -0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Instrument :
BNA_E
ClientSampleId :
F5D37DL

Tgt Ion:276 Resp: 173181

Ion	Ratio	Lower	Upper
276	100		
138	29.7	28.0	42.0
227	0.0	8.0	12.0#

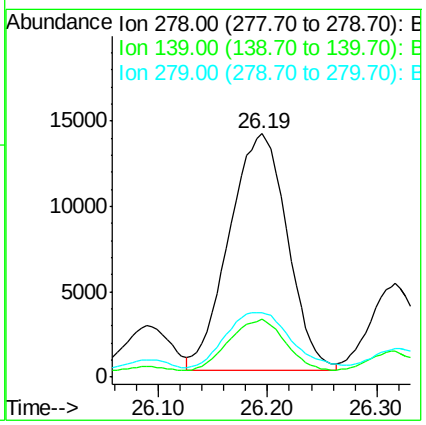


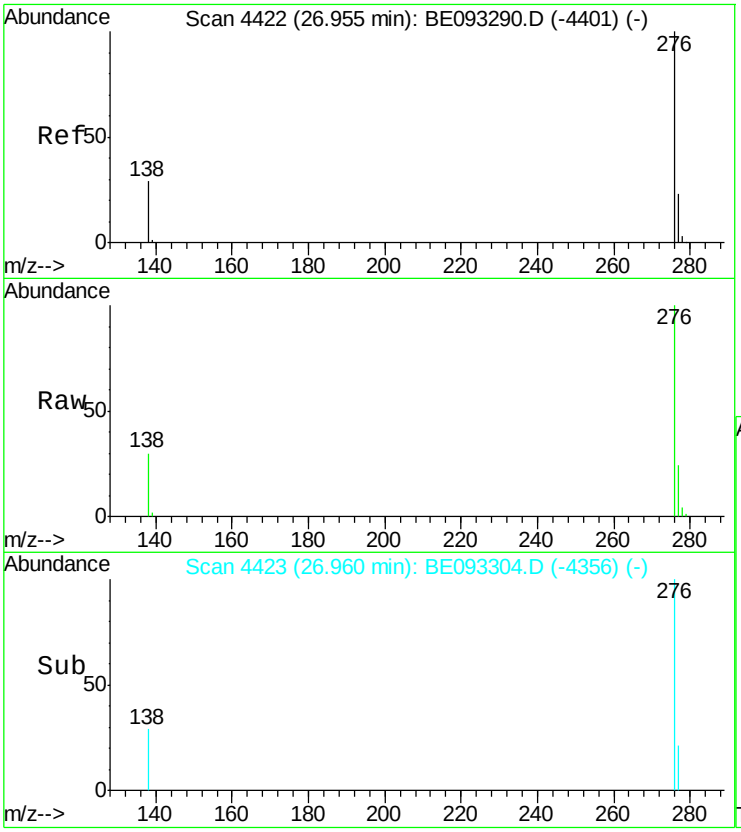


#25
Dibenzo(a,h)anthracene
Concen: 1.32 ng/ul
RT: 26.19 min Scan# 4255
Delta R.T. -0.01 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Tgt Ion:278 Resp: 51520

Ion	Ratio	Lower	Upper
278	100		
139	23.8	17.4	26.0
279	26.6	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 2.64 ng/ul
RT: 26.96 min Scan# 4423
Delta R.T. 0.00 min
Lab File: BE093304.D
Acq: 21 Jun 2017 5:01

Instrument :
BNA_E
ClientSampleId :
F5D37DL

Tgt Ion:276 Resp: 105172

Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	24.2	20.5	30.7