Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093844.D
Acq On : 16 Aug 2017 17:34
Operator : SJ/JU
Sample : I4672-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AG6DL

Quant Time: Aug 17 01:00:18 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 00:58:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2764	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	15144	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8763	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19300	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	21783	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	20908	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	713	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1821	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	3031	0.082	ng/ul#	96
5) 2-Methylnaphthalene	12.36	142	2572	0.096	ng/ul	98
7) Acenaphthylene	14.24	152	8918	0.243	ng/ul	97
8) Acenaphthene	14.58	153	1279	0.044	ng/ul	96
9) Fluorene	15.57	166	10781	0.296	ng/ul	91
12) Phenanthrene	17.29	178	113697	2.163	ng/ul#	90
13) Anthracene	17.38	178	28452	0.556	ng/ul#	91
15) Fluoranthene	19.30	202	150297	2.287	ng/ul	84
17) Pyrene	19.66	202	117092	1.842	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	64542	1.022	ng/ul#	84
19) Chrysene	21.45	228	50261	0.830	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	88043	1.361	ng/ul	87
22) Benzo(k)fluoranthene	23.15	252	88043	1.380	ng/ul#	89
23) Benzo(a)pyrene	23.80	252	39196	0.637	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.55	276	23491	0.346	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.56	278	5299	0.093	ng/ul#	93
26) Benzo(g,h,i)perylene	27.37	276	16985	0.297	ng/ul	99

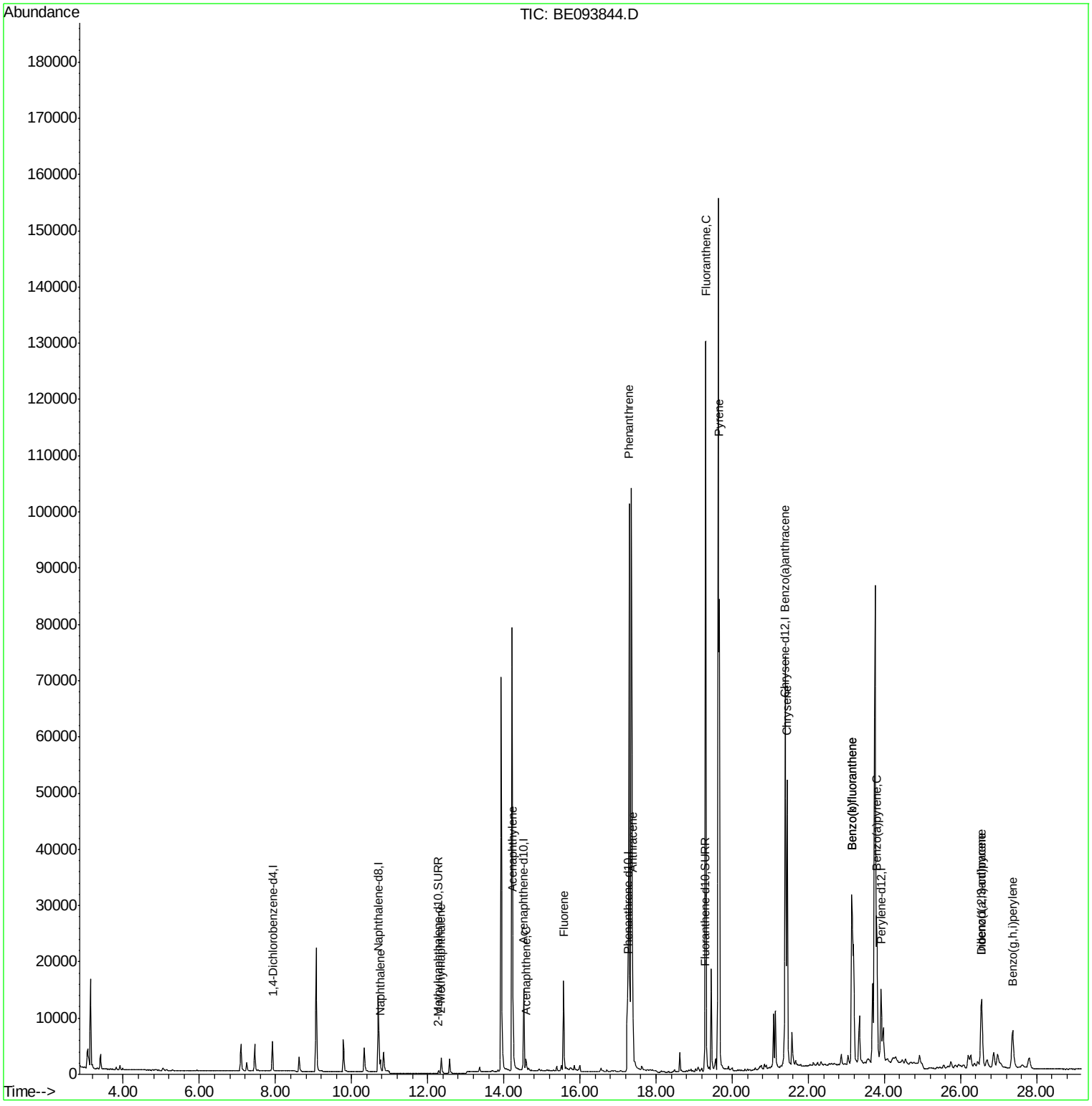
(#) = qualifier out of range (m) = manual integration (+) = signals summed

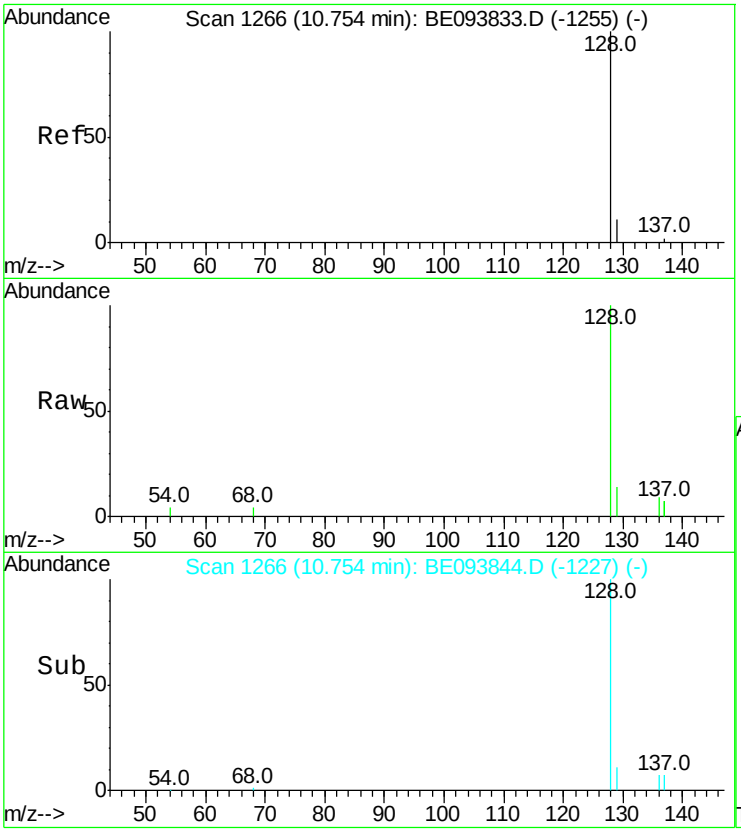
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093844.D
Acq On : 16 Aug 2017 17:34
Operator : SJ/JU
Sample : I4672-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AG6DL

Quant Time: Aug 17 01:00:18 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 00:58:19 2017
Response via : Initial Calibration



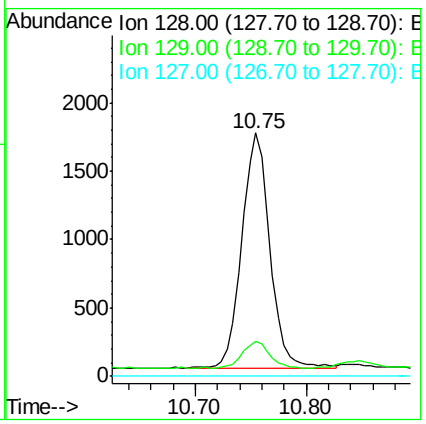


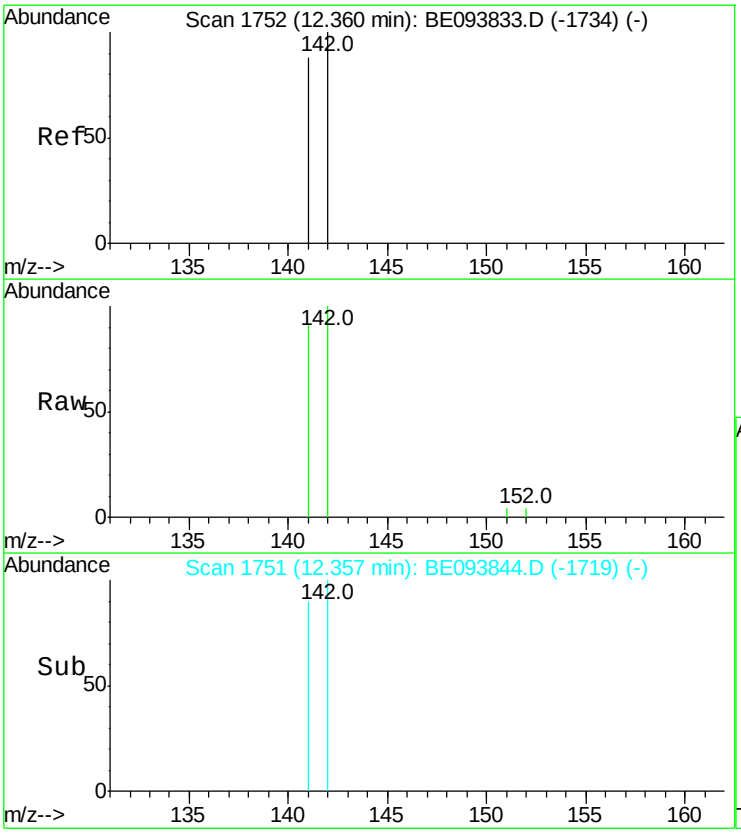
#3
Naphthalene
Concen: 0.082 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Instrument :
BNA_E
ClientSampleId :
C0AG6DL

Tgt Ion:128 Resp: 3031

Ion	Ratio	Lower	Upper
128	100		
129	14.4	11.3	16.9
127	0.0	4.0	6.0#

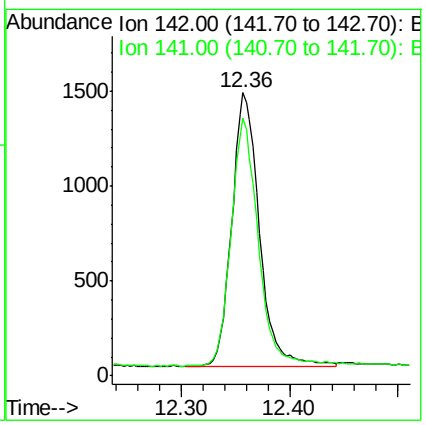


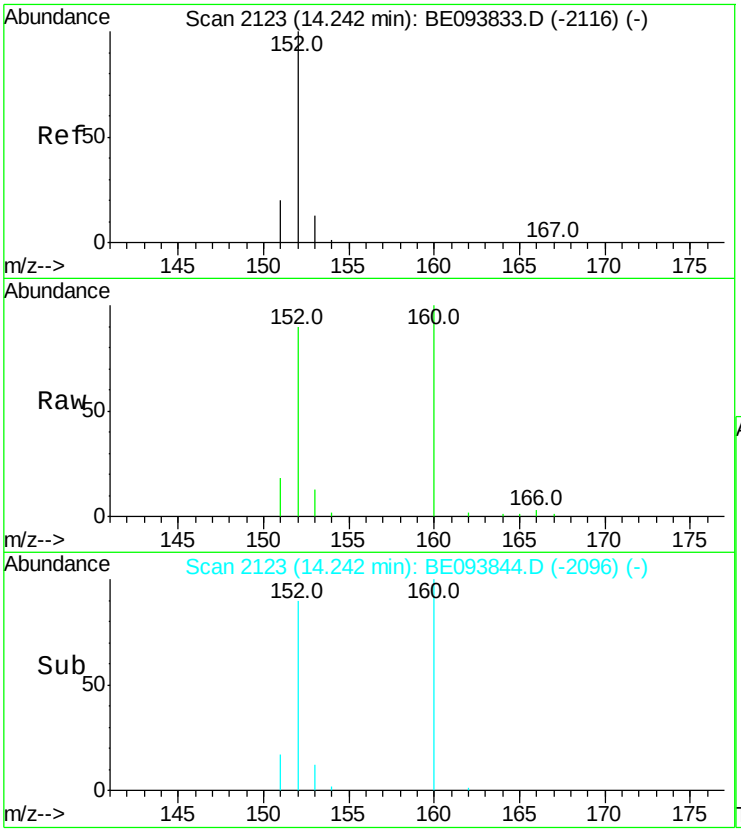


#5
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Tgt Ion:142 Resp: 2572

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8



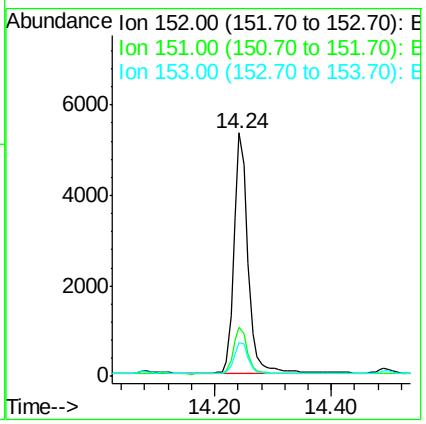


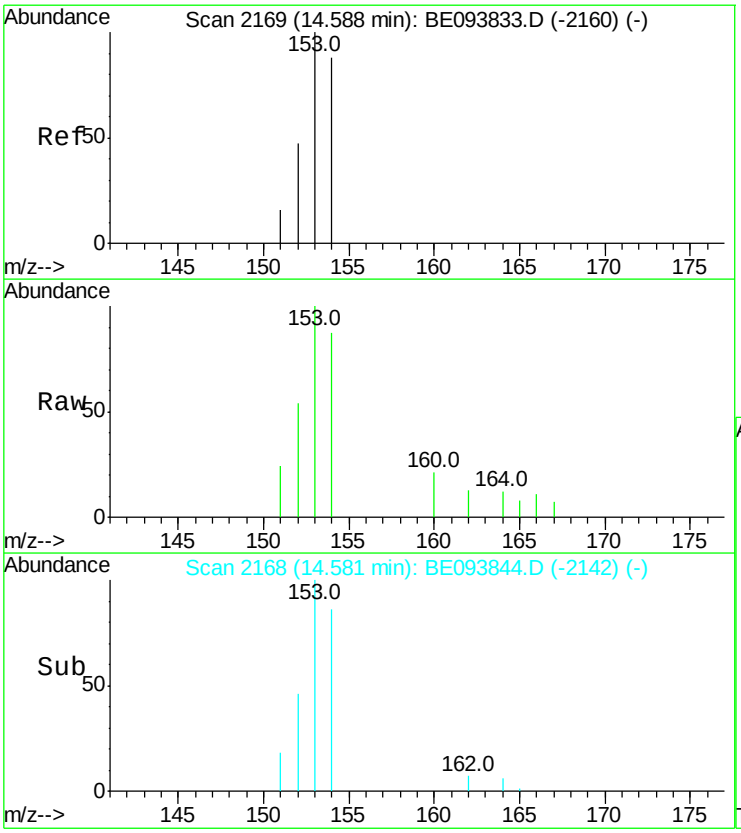
#7
Acenaphthylene
Concen: 0.243 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Instrument :
BNA_E
ClientSampleId :
C0AG6DL

Tgt Ion:152 Resp: 8918

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.1	25.7
153	14.0	12.8	19.2

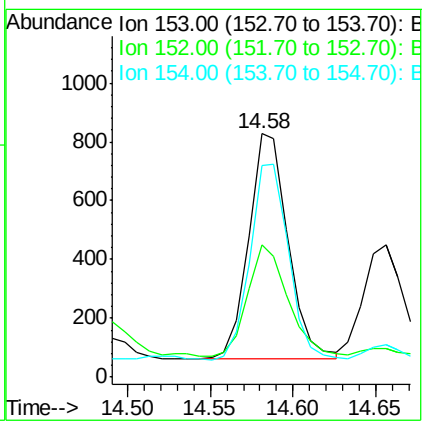


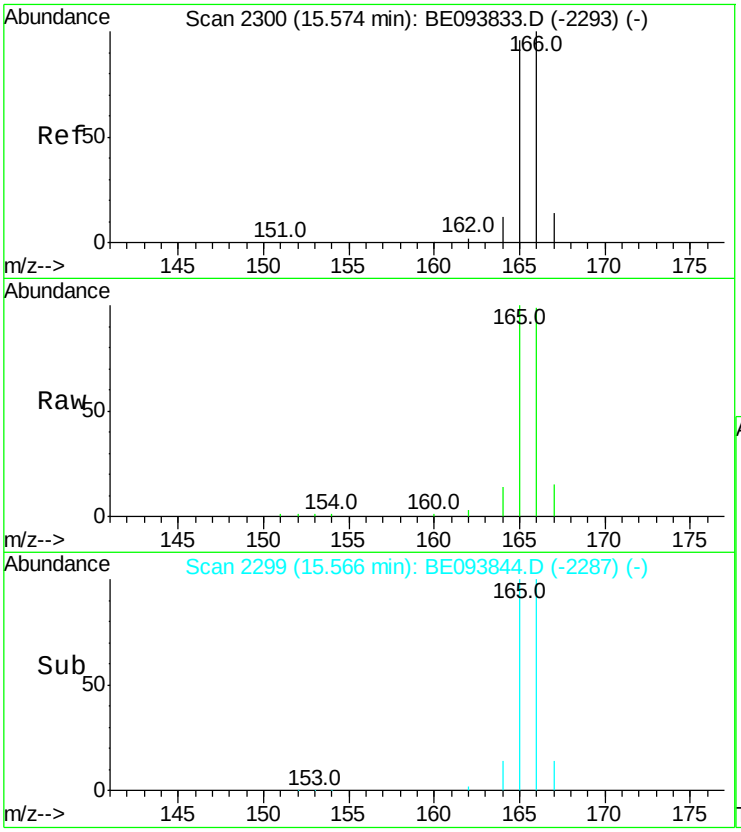


#8
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.58 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Tgt Ion:153 Resp: 1279

Ion	Ratio	Lower	Upper
153	100		
152	54.1	40.3	60.5
154	86.7	71.4	107.2



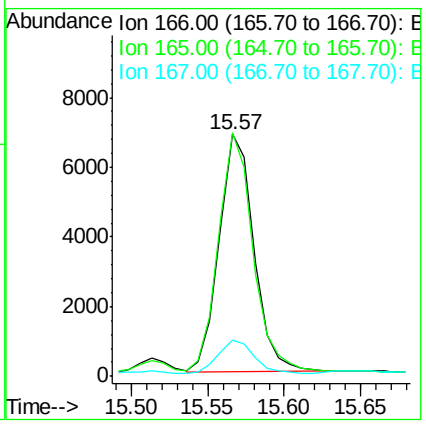


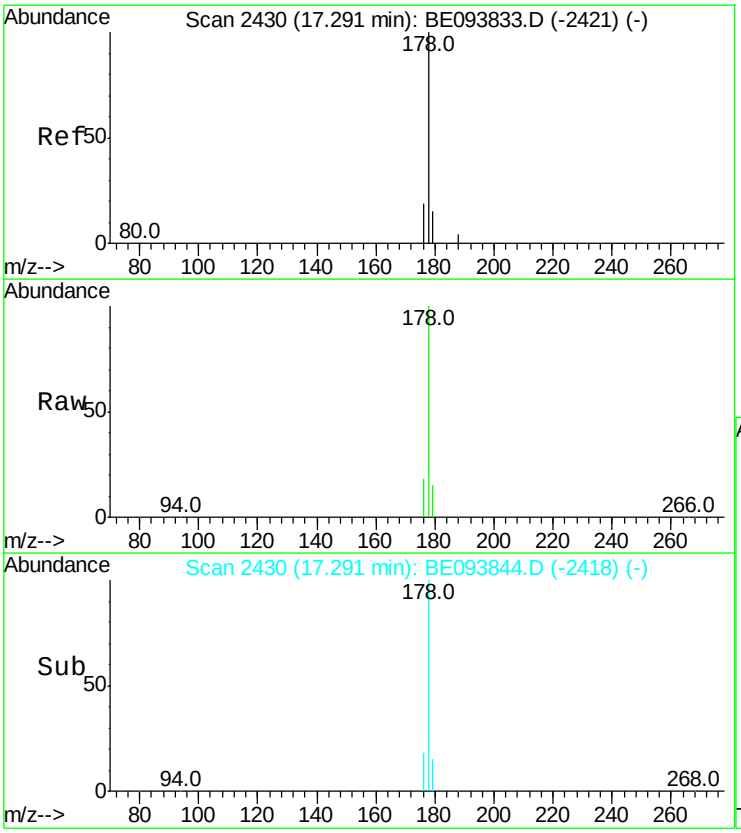
#9
Fluorene
Concen: 0.296 ng/ul
RT: 15.57 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Instrument :
BNA_E
ClientSampleId :
C0AG6DL

Tgt Ion:166 Resp: 10781

Ion	Ratio	Lower	Upper
166	100		
165	100.6	73.4	110.2
167	14.9	14.6	22.0

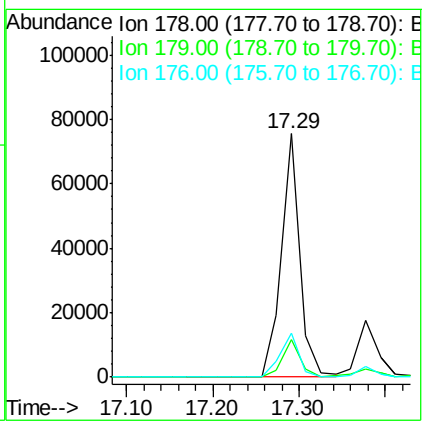


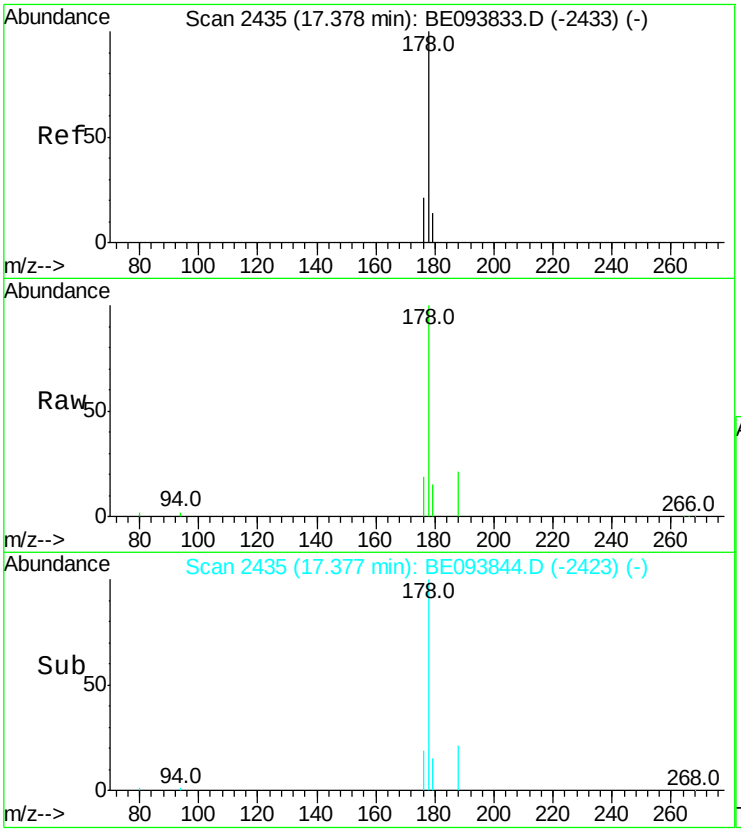


#12
Phenanthrene
Concen: 2.163 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Tgt Ion:178 Resp: 113697

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	18.2	13.6	20.4



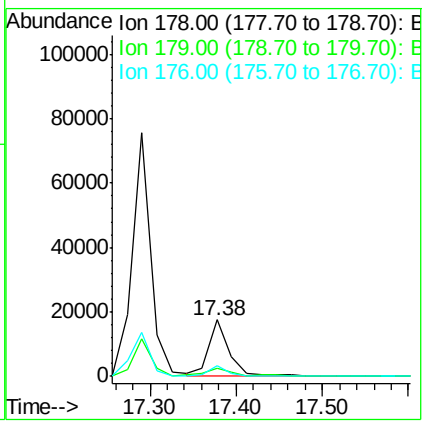


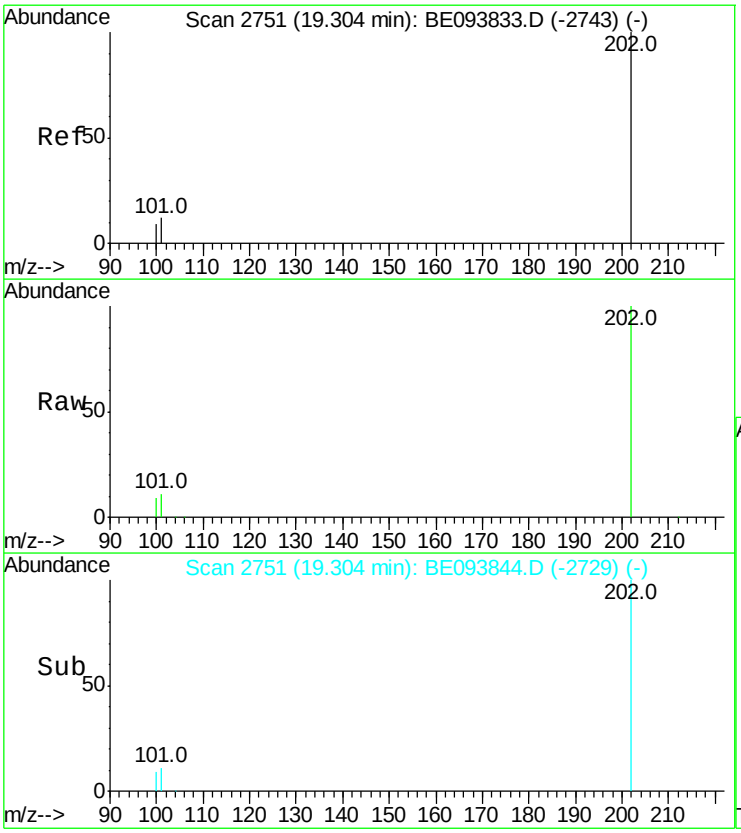
#13
Anthracene
Concen: 0.556 ng/ul
RT: 17.38 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Instrument :
BNA_E
ClientSampleId :
C0AG6DL

Tgt Ion:178 Resp: 28452

Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.1	27.1#
176	19.0	14.7	22.1

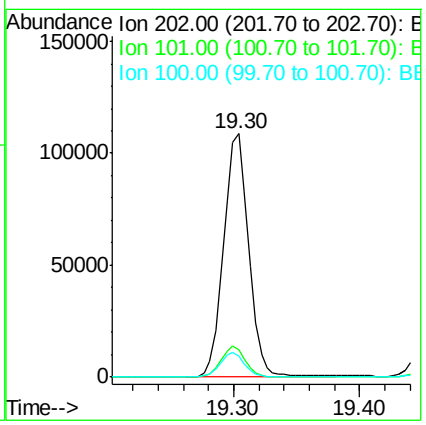


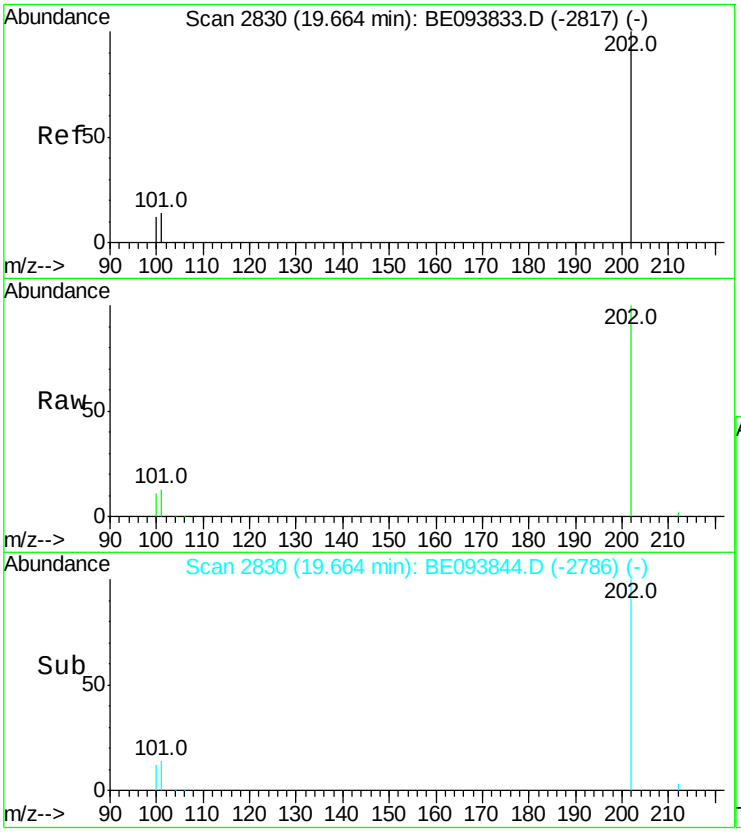


#15
Fluoranthene
Concen: 2.287 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Tgt Ion:202 Resp: 150297

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
100	8.6	0.0	39.5



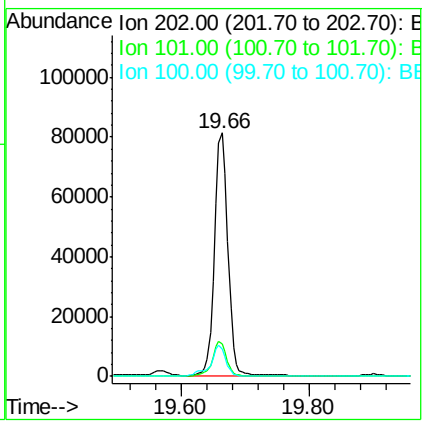


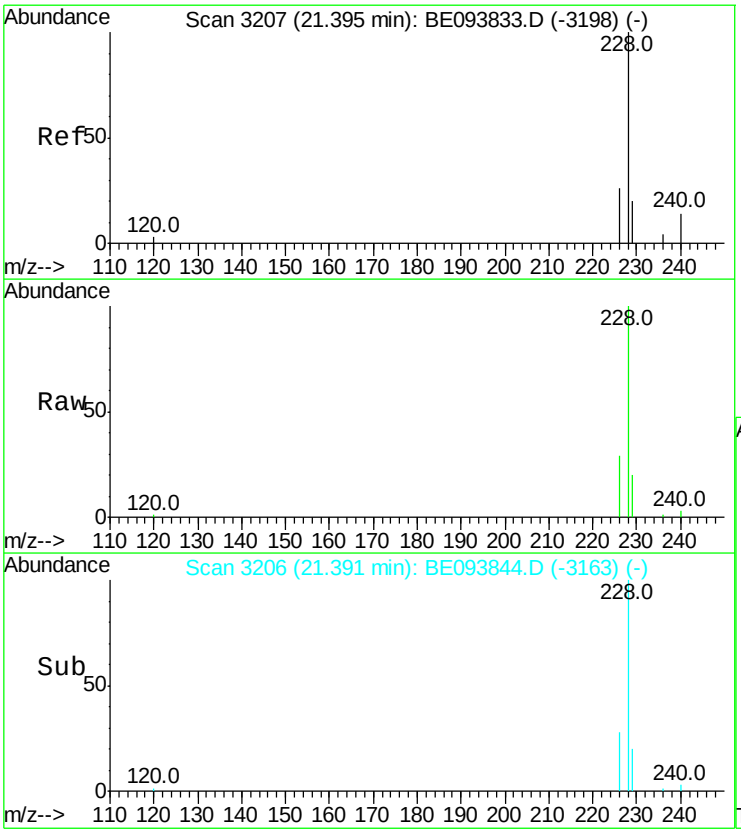
#17
Pyrene
Concen: 1.842 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Instrument :
BNA_E
ClientSampleId :
C0AG6DL

Tgt Ion:202 Resp: 117092

Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.3	15.6	23.4#

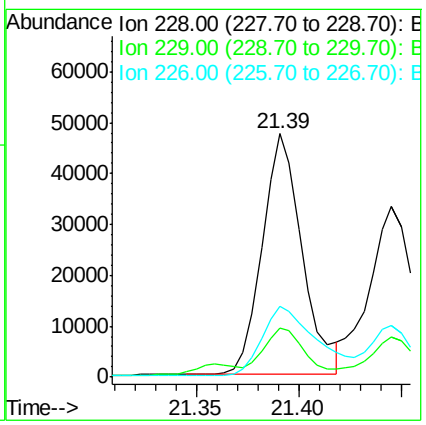


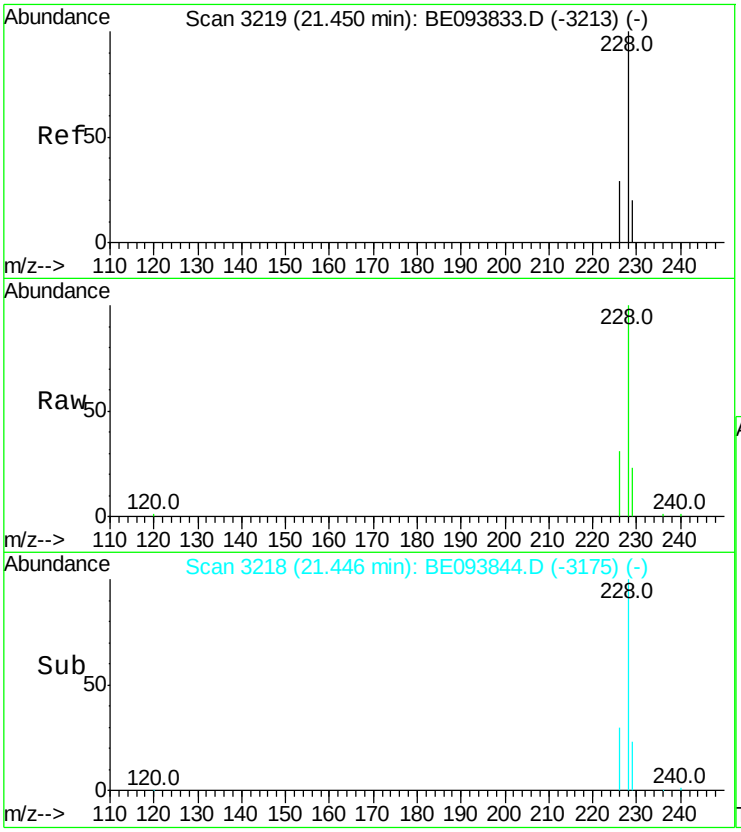


#18
Benzo(a)anthracene
Concen: 1.022 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Tgt Ion:228 Resp: 64542

Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	28.9	17.0	25.6#



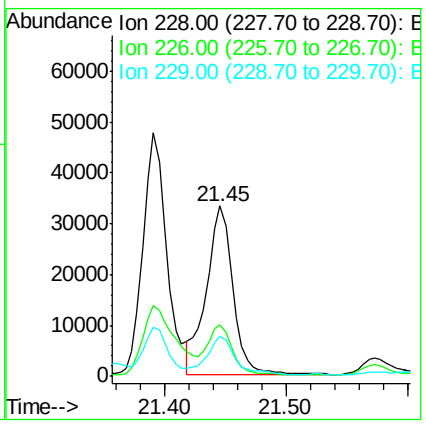


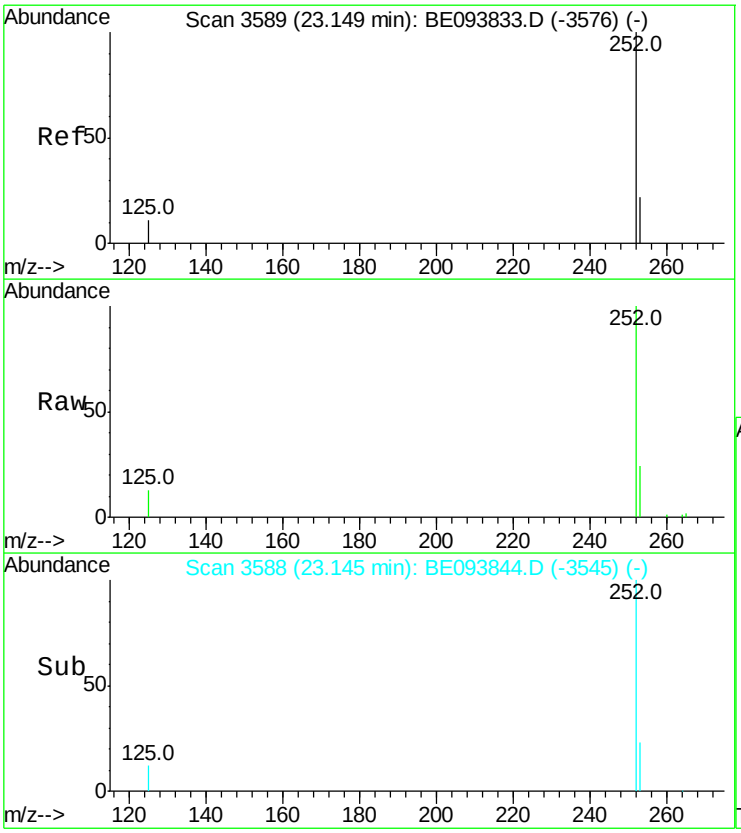
#19
Chrysene
Concen: 0.830 ng/ul
RT: 21.45 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Instrument :
BNA_E
ClientSampleId :
C0AG6DL

Tgt Ion:228 Resp: 50261

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	23.2	17.7	26.5

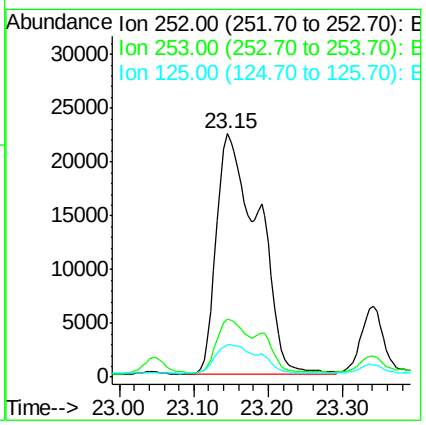


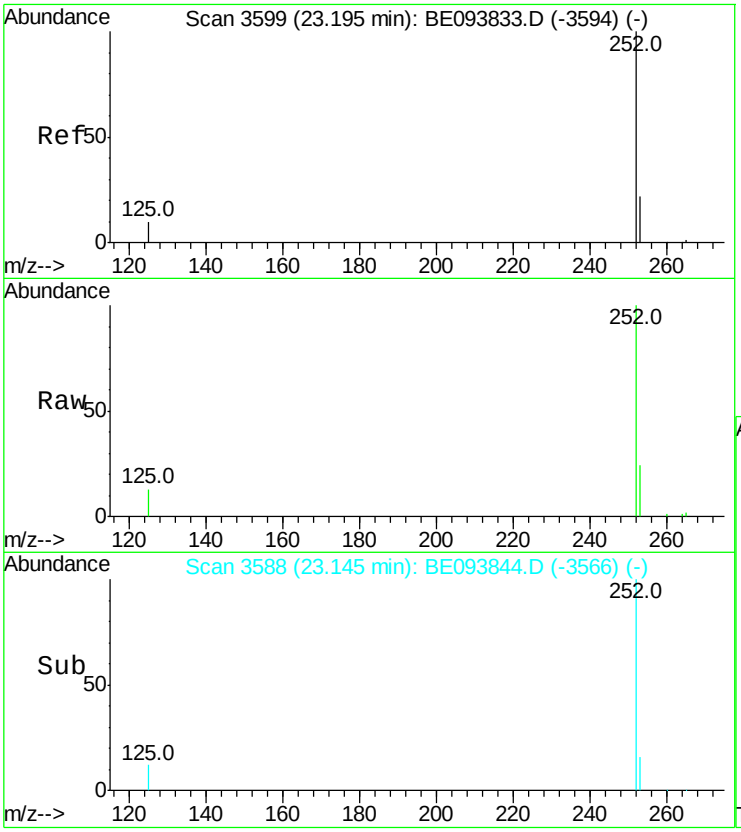


#21
Benzo(b)fluoranthene
Concen: 1.361 ng/ul
RT: 23.15 min Scan# 3588
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Tgt Ion:252 Resp: 88043

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	64.2
125	13.3	0.0	35.0



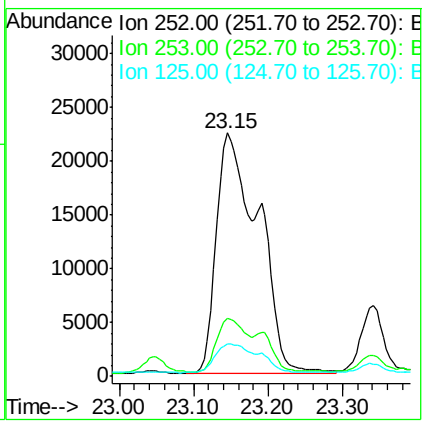


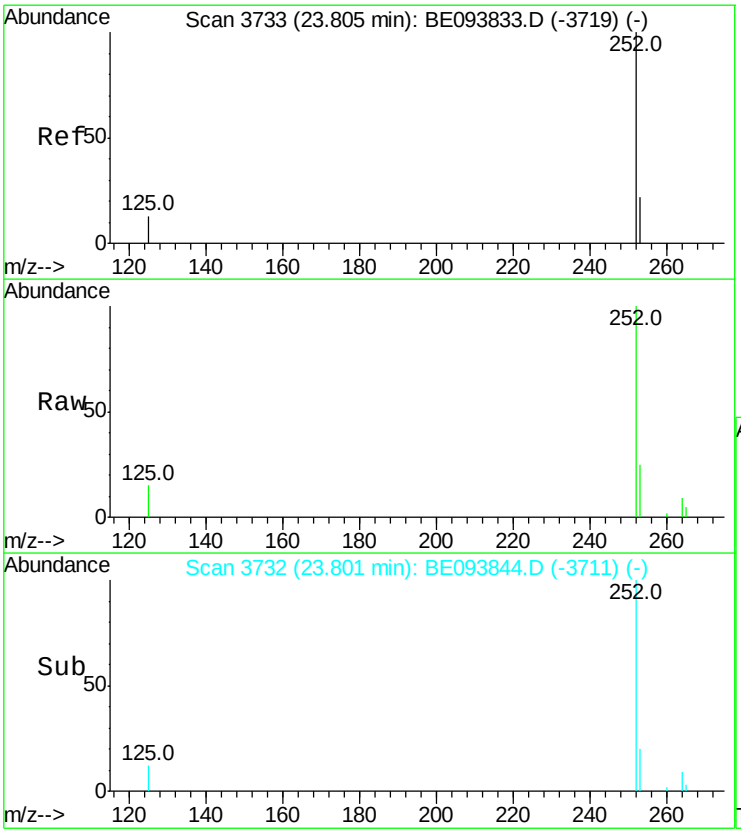
#22
Benzo(k)fluoranthene
Concen: 1.380 ng/ul
RT: 23.15 min Scan# 3588
Delta R.T. -0.05 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Instrument :
BNA_E
ClientSampleId :
C0AG6DL

Tgt Ion:252 Resp: 88043

Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	13.3	13.7	20.5#

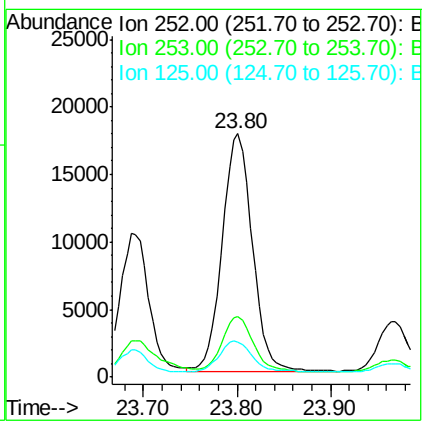


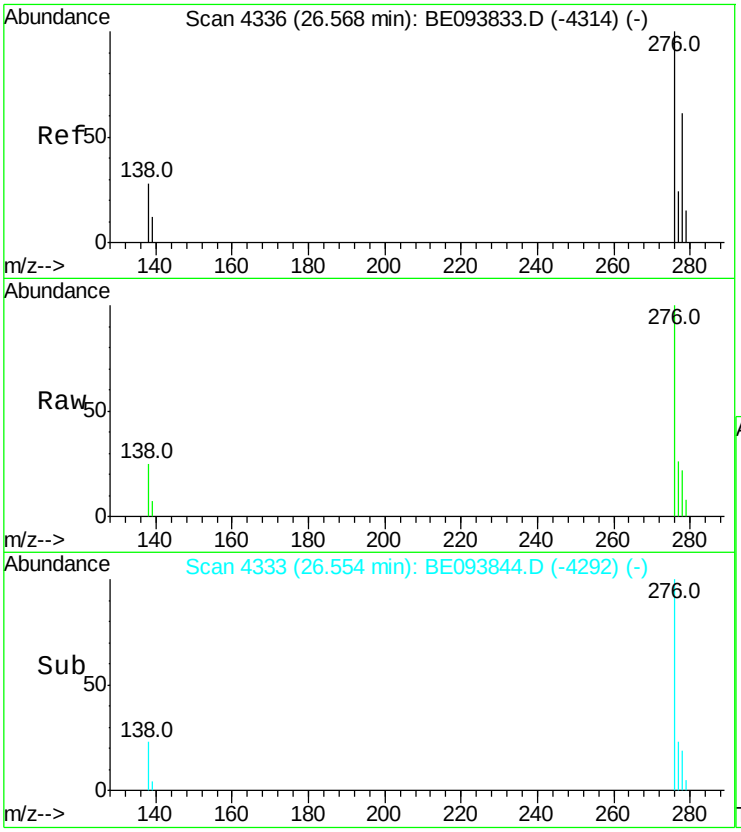


#23
Benzo(a)pyrene
Concen: 0.637 ng/ul
RT: 23.80 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Tgt Ion:252 Resp: 39196

Ion	Ratio	Lower	Upper
252	100		
253	24.9	28.5	42.7#
125	14.6	18.1	27.1#



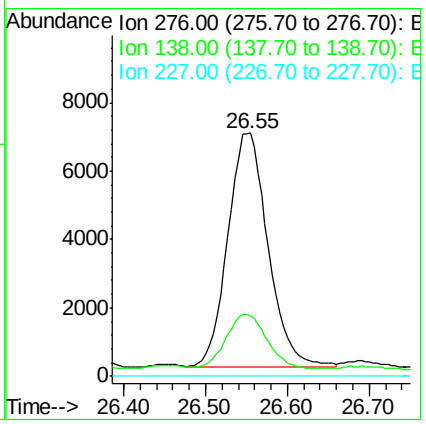


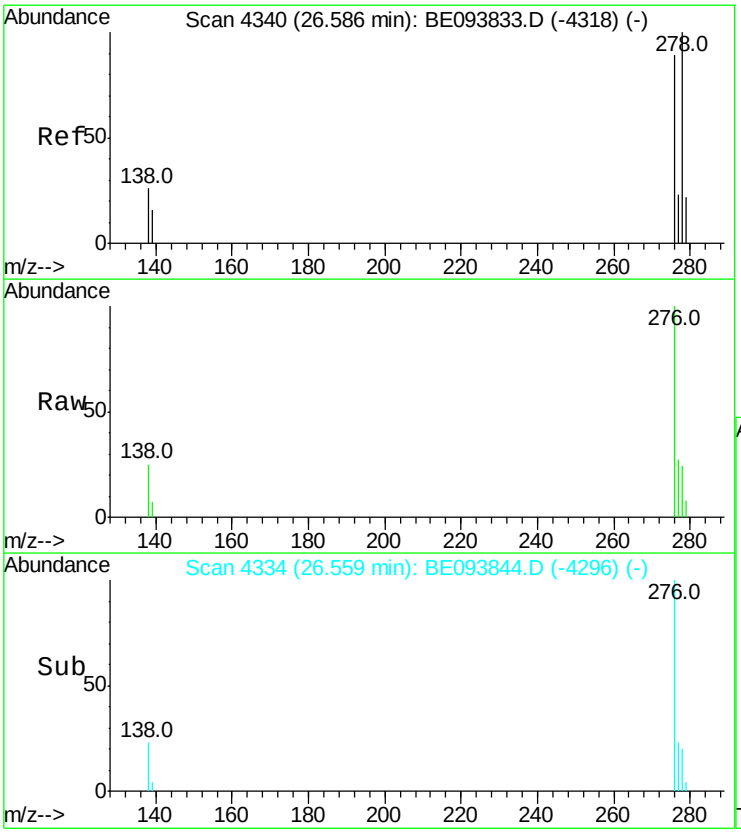
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng/ul
RT: 26.55 min Scan# 4333
Delta R.T. -0.01 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Instrument :
BNA_E
ClientSampleId :
C0AG6DL

Tgt Ion:276 Resp: 23491

Ion	Ratio	Lower	Upper
276	100		
138	23.8	28.0	42.0#
227	0.0	8.0	12.0#

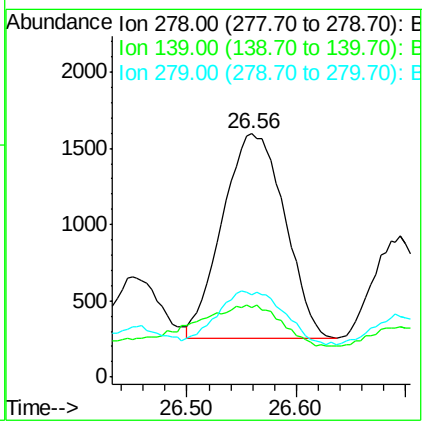


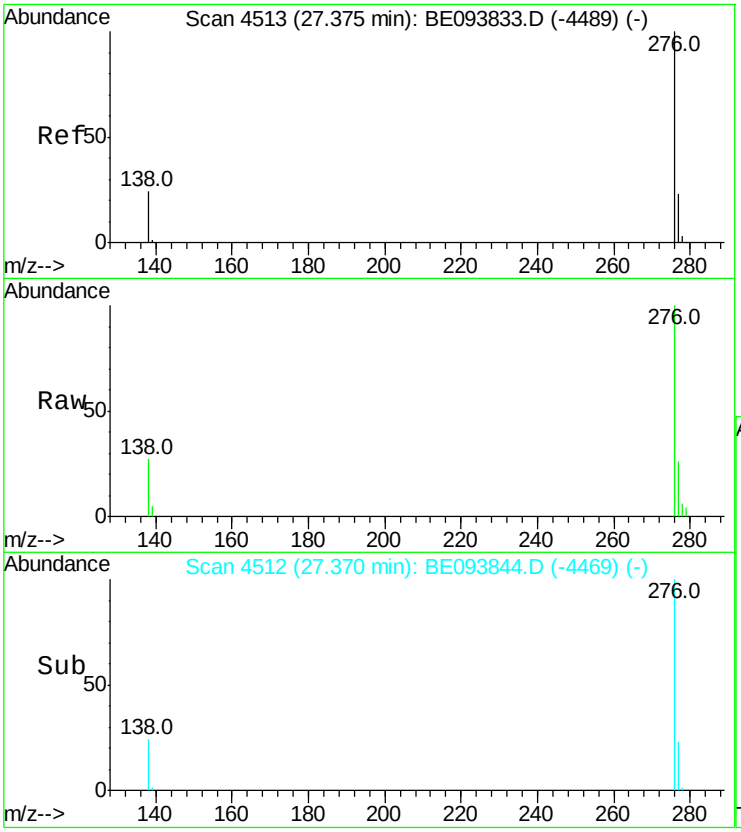


#25
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 26.56 min Scan# 4334
Delta R.T. -0.03 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Tgt Ion:278 Resp: 5299

Ion	Ratio	Lower	Upper
278	100		
139	28.5	17.4	26.0#
279	34.0	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.297 ng/ul
RT: 27.37 min Scan# 4512
Delta R.T. -0.00 min
Lab File: BE093844.D
Acq: 16 Aug 2017 17:34

Instrument :
BNA_E
ClientSampleId :
C0AG6DL

Tgt Ion:276 Resp: 16985

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.8	32.8
277	26.3	20.5	30.7