Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094827.D
Acq On : 22 Nov 2017 12:23
Operator : SJ/JU
Sample : I6514-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 23 00:57:08 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 00:56:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	773	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	4844	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.50	164	3270	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	8089	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8515	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8541	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	852	0.11	ng/ul	0.02
14) Fluoranthene-d10	19.27	212	2585	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	383	0.03	ng/ul#	62
5) 2-Methylnaphthalene	12.36	142	379	0.05	ng/ul	96
7) Acenaphthylene	14.23	152	452	0.03	ng/ul#	68
11) Pentachlorophenol	16.98	266	11	0.03	ng/ul#	20
12) Phenanthrene	17.27	178	3502	0.16	ng/ul#	88
13) Anthracene	17.38	178	773	0.03	ng/ul#	78
15) Fluoranthene	19.30	202	6764	0.24	ng/ul	83
17) Pyrene	19.66	202	6424	0.24	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	3877	0.15	ng/ul#	93
19) Chrysene	21.46	228	4323	0.17	ng/ul	93
21) Benzo(b)fluoranthene	23.18	252	7319	0.29	ng/ul	86
22) Benzo(k)fluoranthene	23.18	252	7319	0.27	ng/ul#	87
23) Benzo(a)pyrene	23.84	252	3296	0.13	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.68	276	2442	0.09	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.66	278	816	0.04	ng/ul#	36
26) Benzo(g,h,i)perylene	27.53	276	1646	0.07	ng/ul#	67

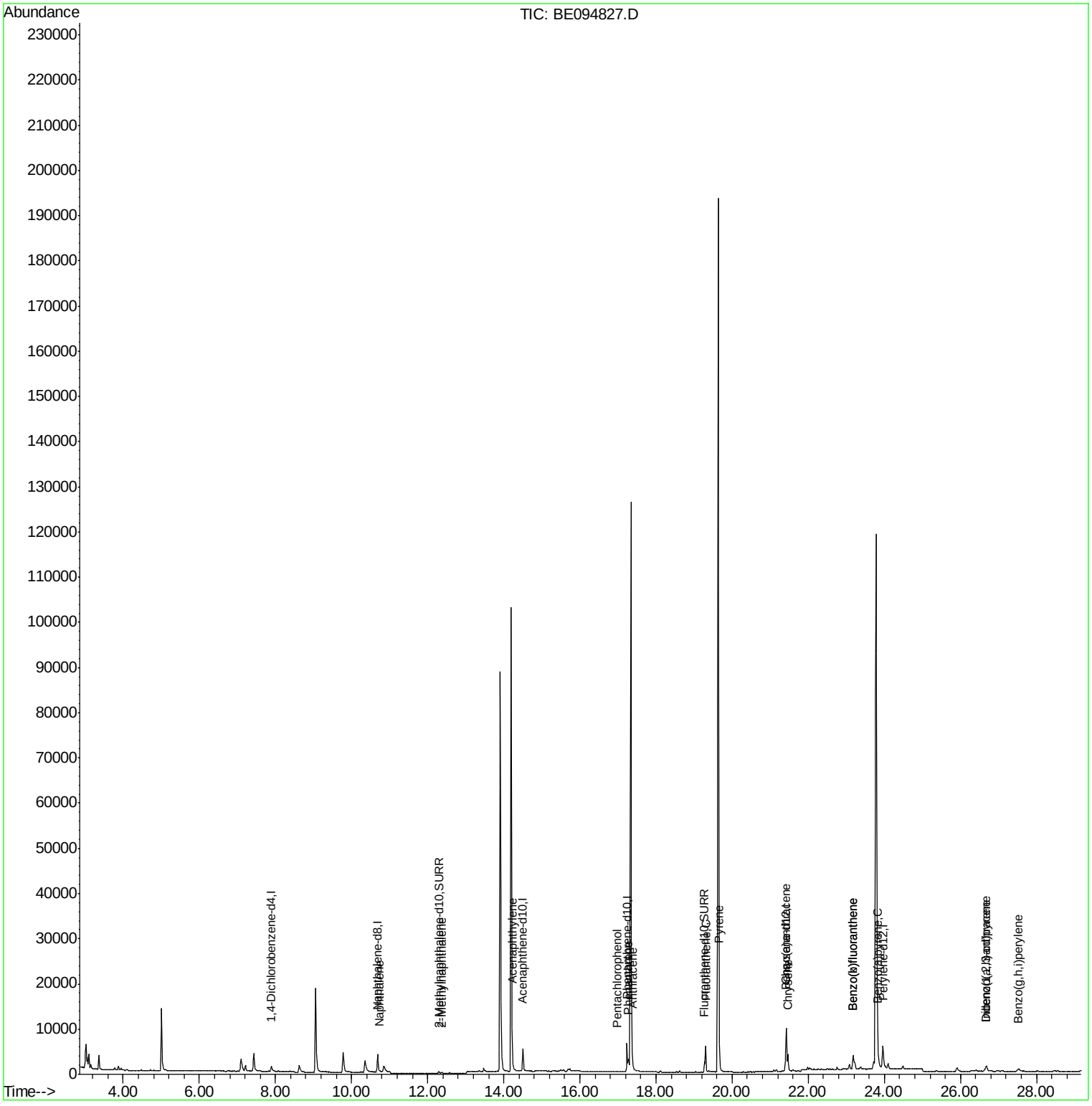
(#) = qualifier out of range (m) = manual integration (+) = signals summed

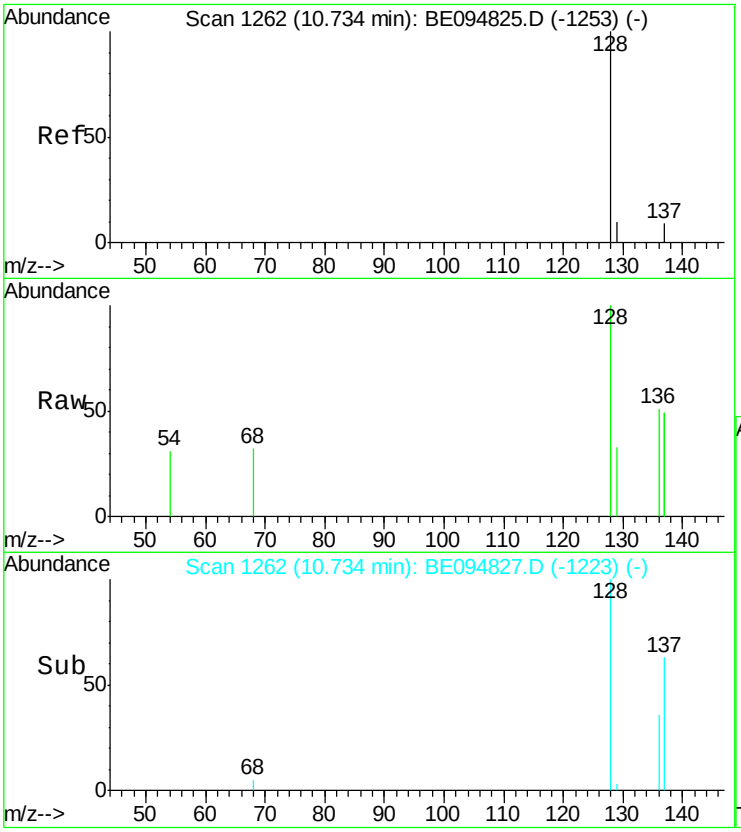
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094827.D
Acq On : 22 Nov 2017 12:23
Operator : SJ/JU
Sample : I6514-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 23 00:57:08 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 00:56:52 2017
Response via : Initial Calibration



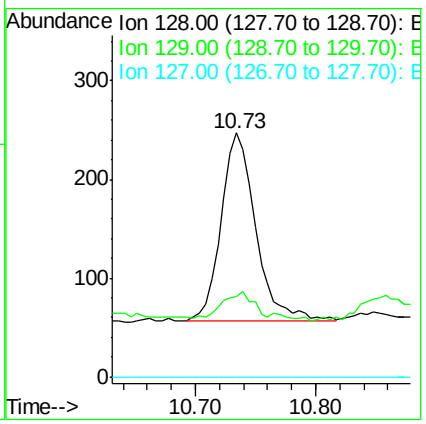


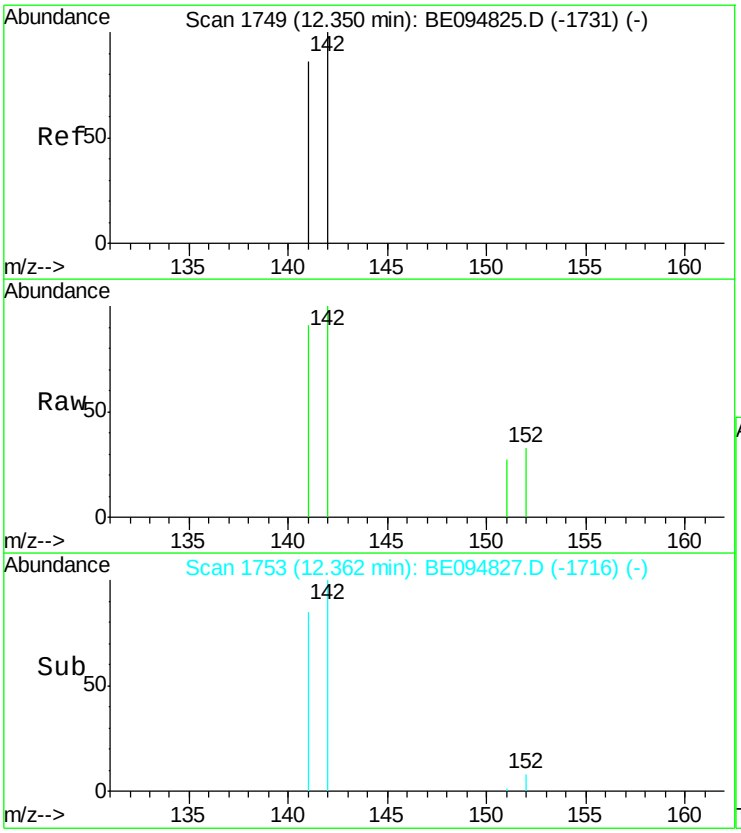
#3
Naphthalene
Concen: 0.03 ng/ul
RT: 10.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 383

Ion	Ratio	Lower	Upper
128	100		
129	32.8	11.3	16.9#
127	0.0	4.0	6.0#

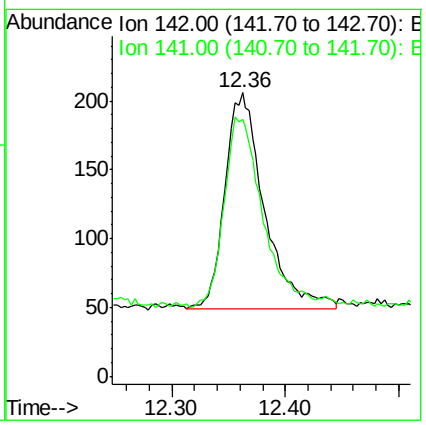


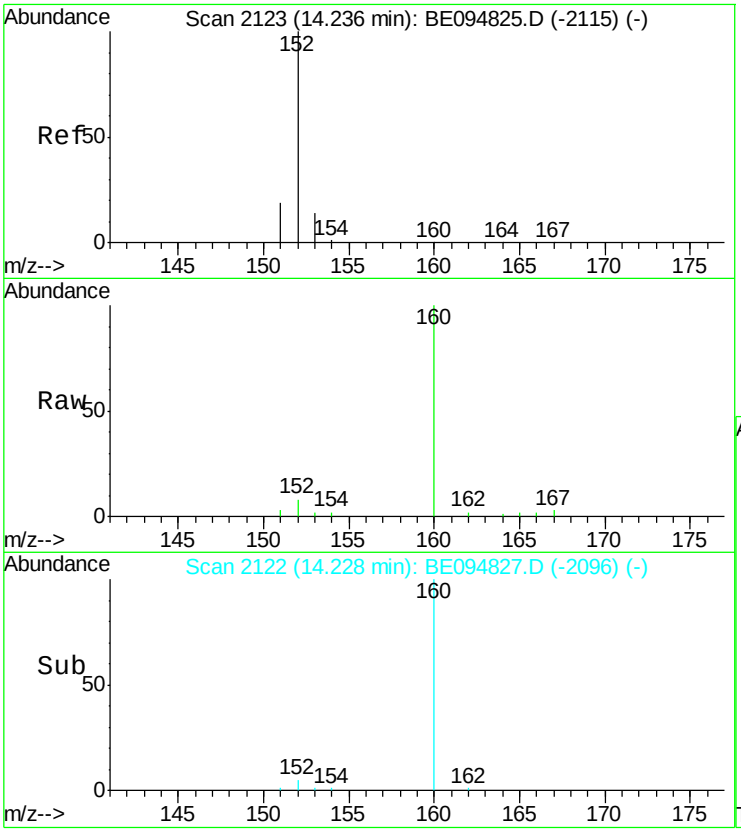


#5
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.36 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Tgt Ion:142 Resp: 379

Ion	Ratio	Lower	Upper
142	100		
141	86.5	72.6	108.8



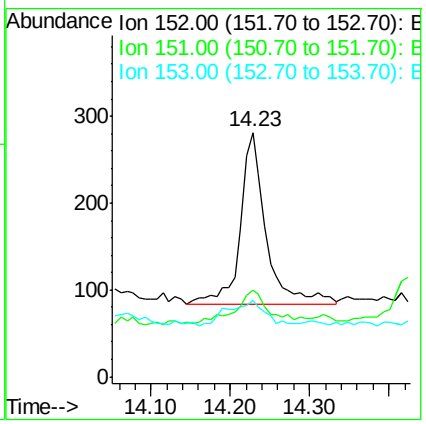


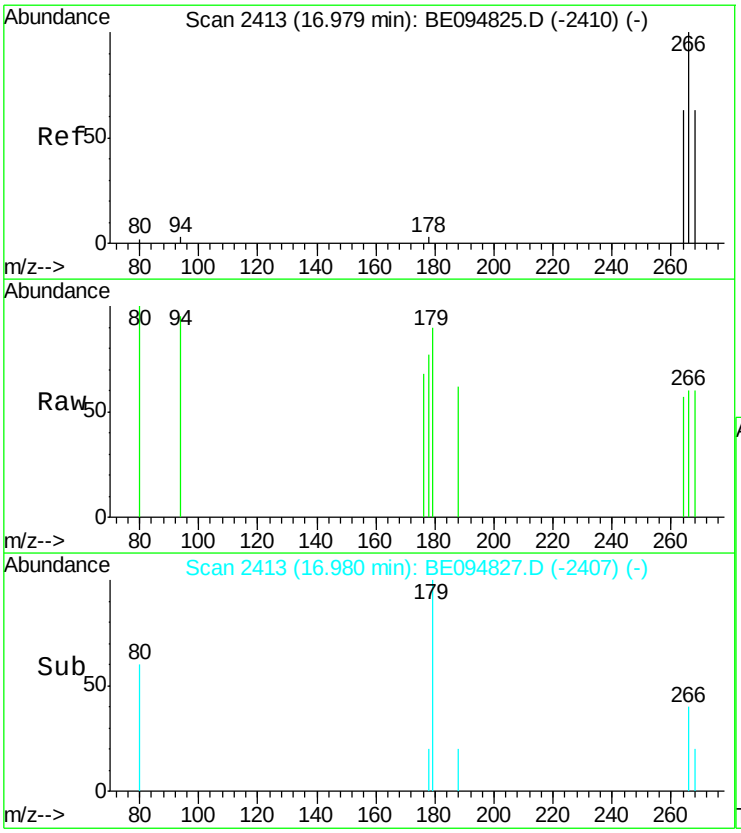
#7
Acenaphthylene
Concen: 0.03 ng/ul
RT: 14.23 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 452

Ion	Ratio	Lower	Upper
152	100		
151	35.2	17.1	25.7#
153	31.3	12.8	19.2#

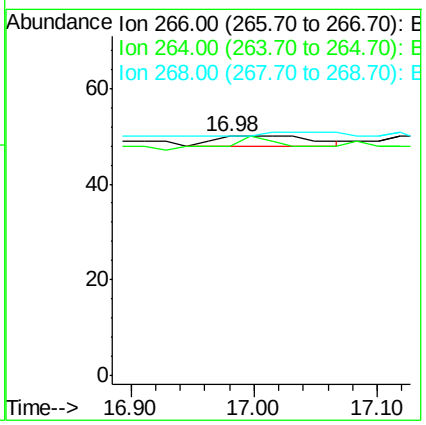


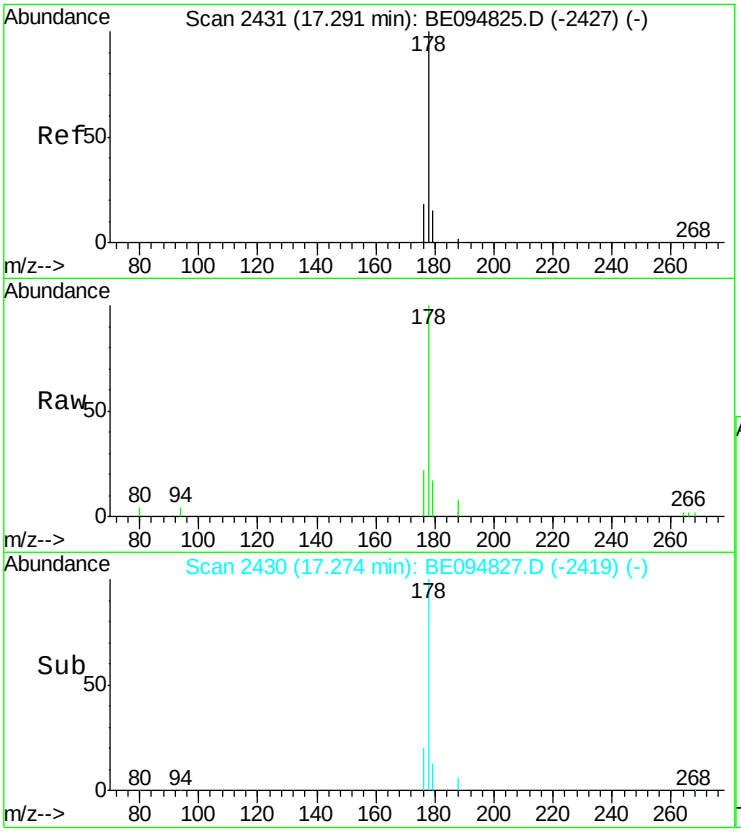


#11
Pentachlorophenol
Concen: 0.03 ng/ul
RT: 16.98 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Tgt Ion:266 Resp: 11

Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	0.0	49.8	74.8#



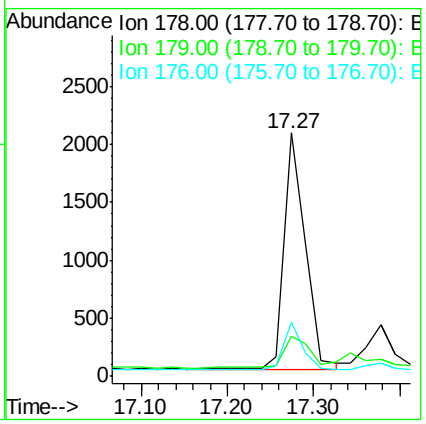


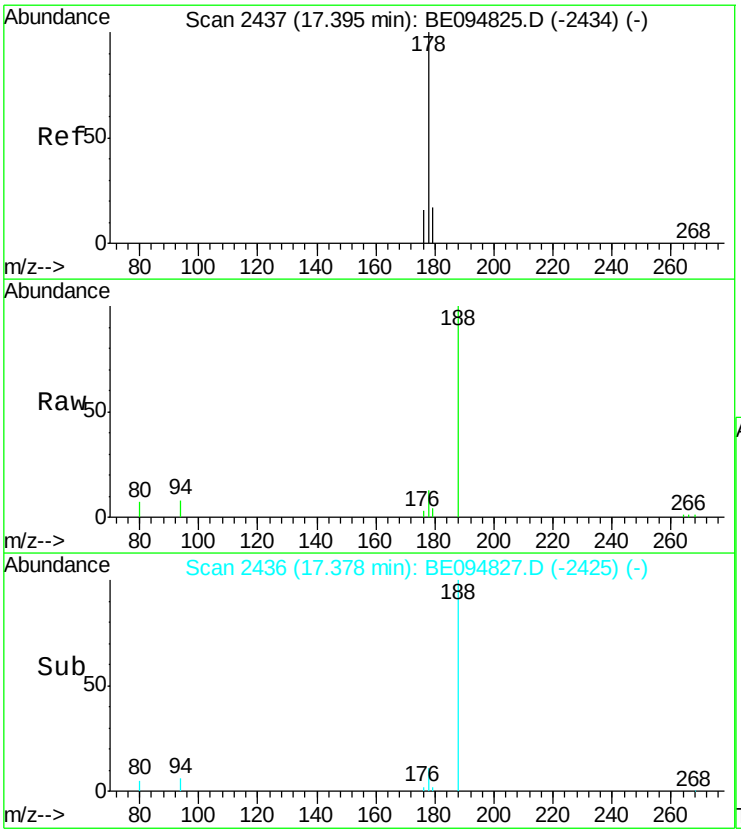
#12
Phenanthrene
Concen: 0.16 ng/ul
RT: 17.27 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3502

Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.4	27.6#
176	22.0	13.6	20.4#

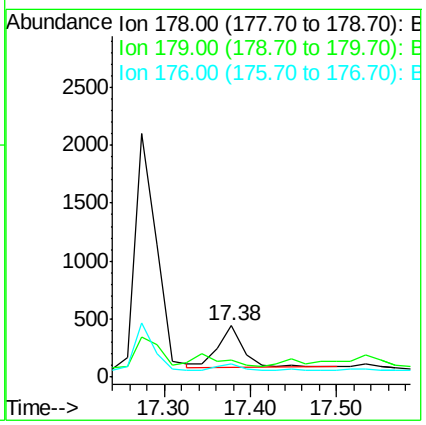


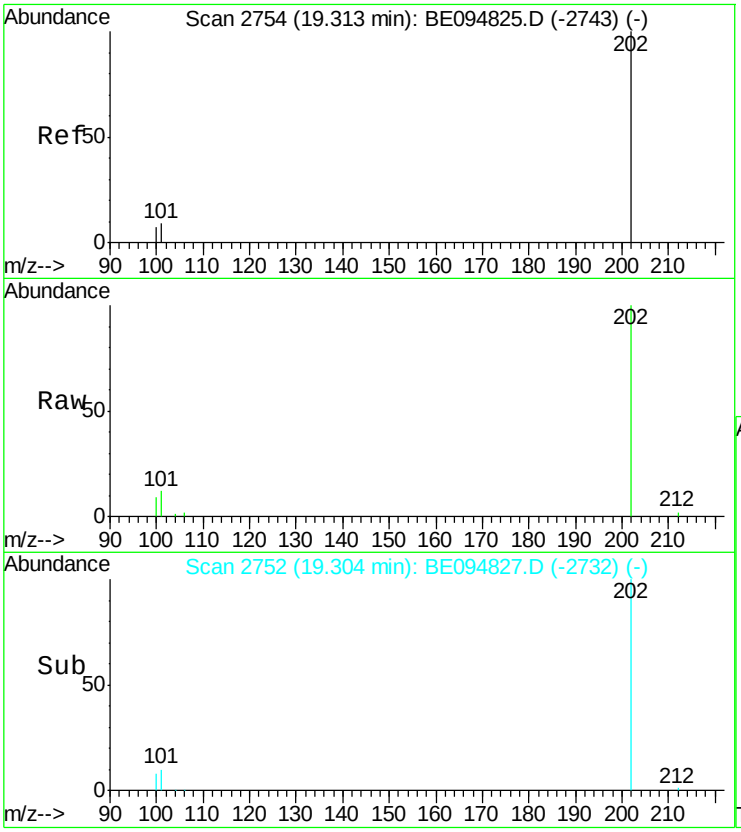


#13
Anthracene
Concen: 0.03 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Tgt Ion:178 Resp: 773

Ion	Ratio	Lower	Upper
178	100		
179	34.2	18.1	27.1#
176	26.6	14.7	22.1#



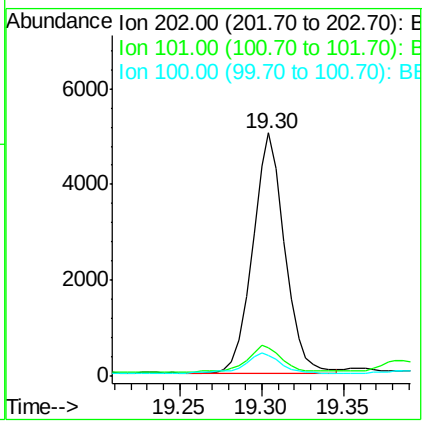


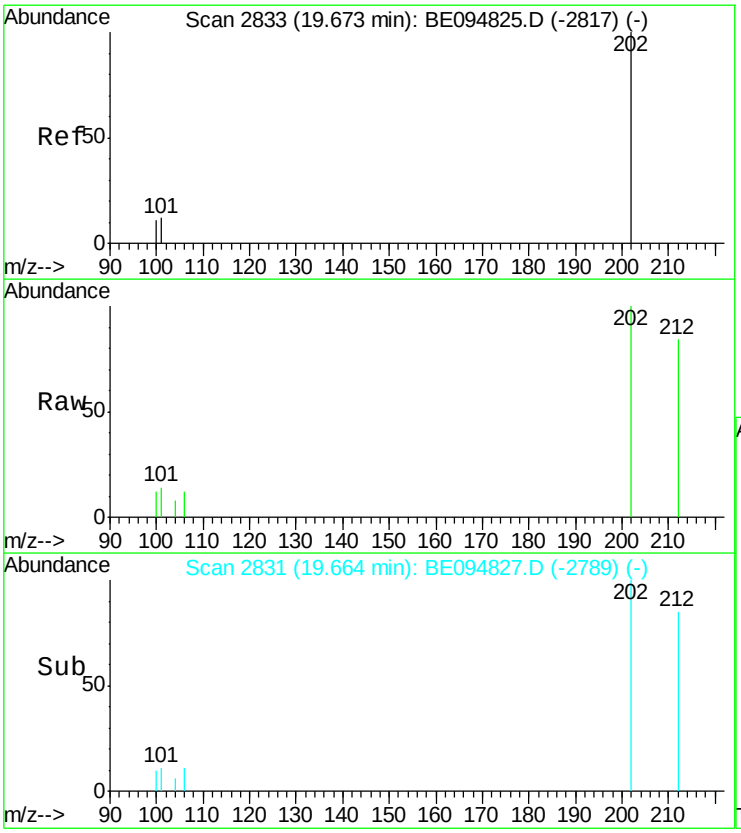
#15
Fluoranthene
Concen: 0.24 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 6764

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	8.8	0.0	39.5

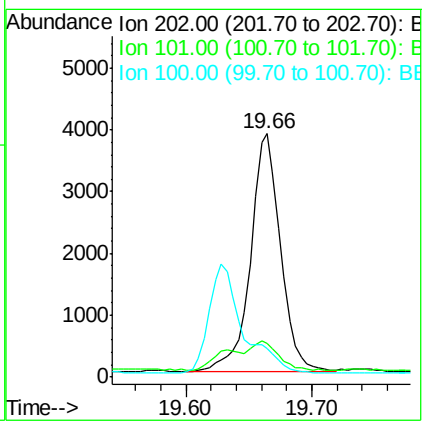


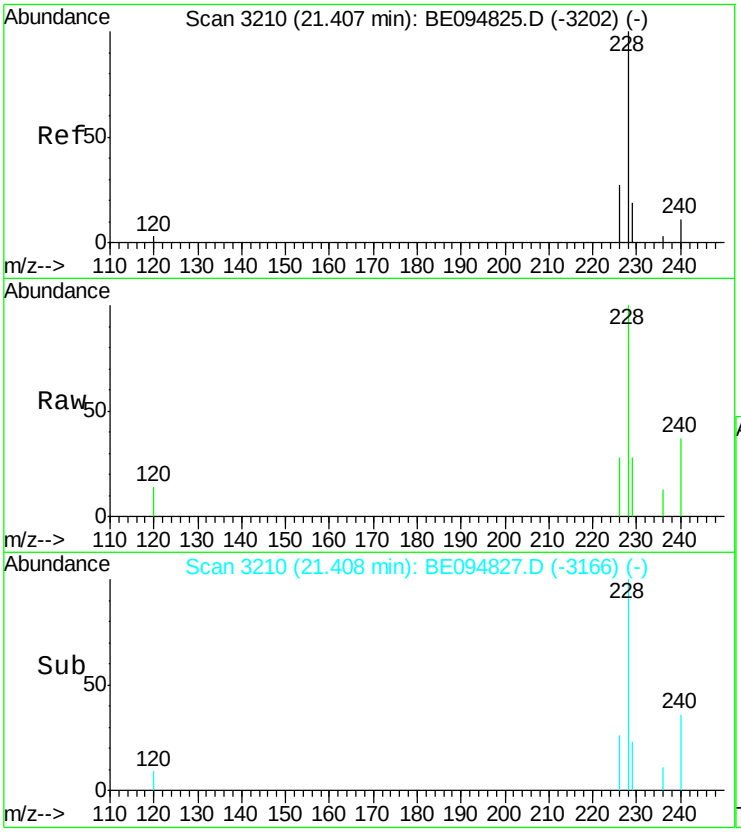


#17
Pyrene
Concen: 0.24 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Tgt Ion:202 Resp: 6424

Ion	Ratio	Lower	Upper
202	100		
101	13.9	18.2	27.4#
100	11.9	15.6	23.4#



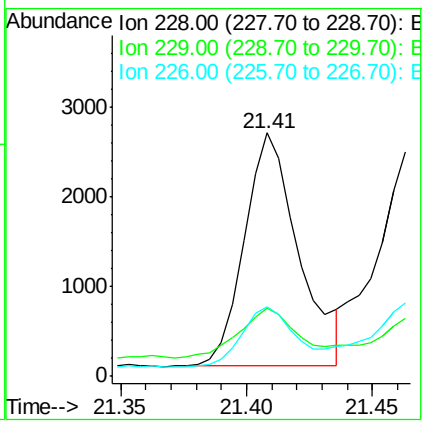


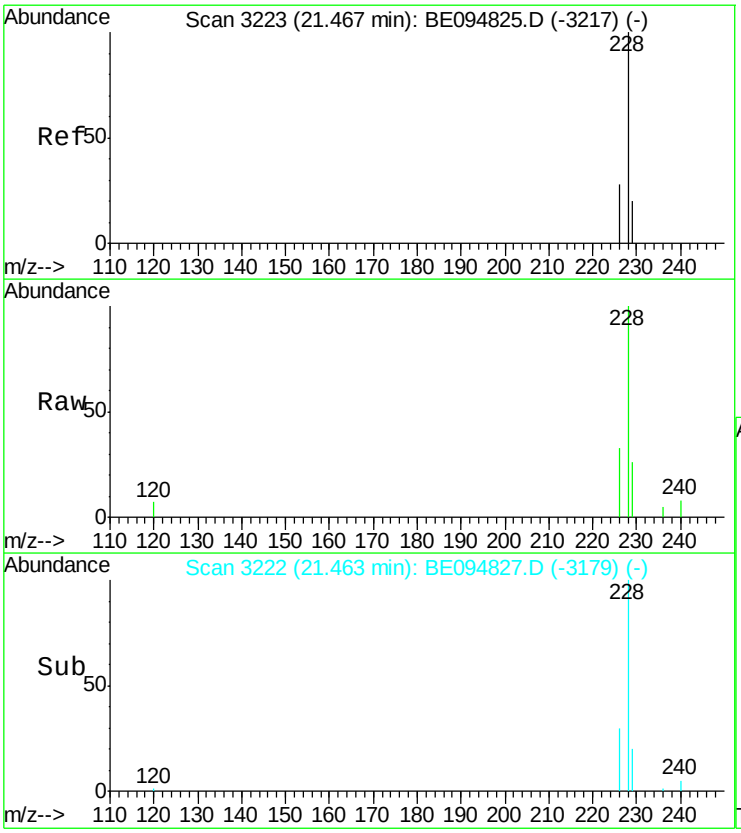
#18
Benzo(a)anthracene
Concen: 0.15 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 3877

Ion	Ratio	Lower	Upper
228	100		
229	27.8	22.8	34.2
226	28.3	17.0	25.6#

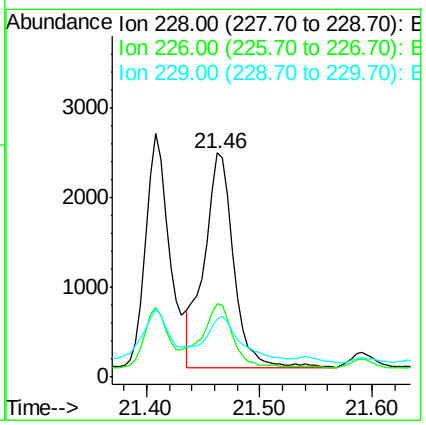


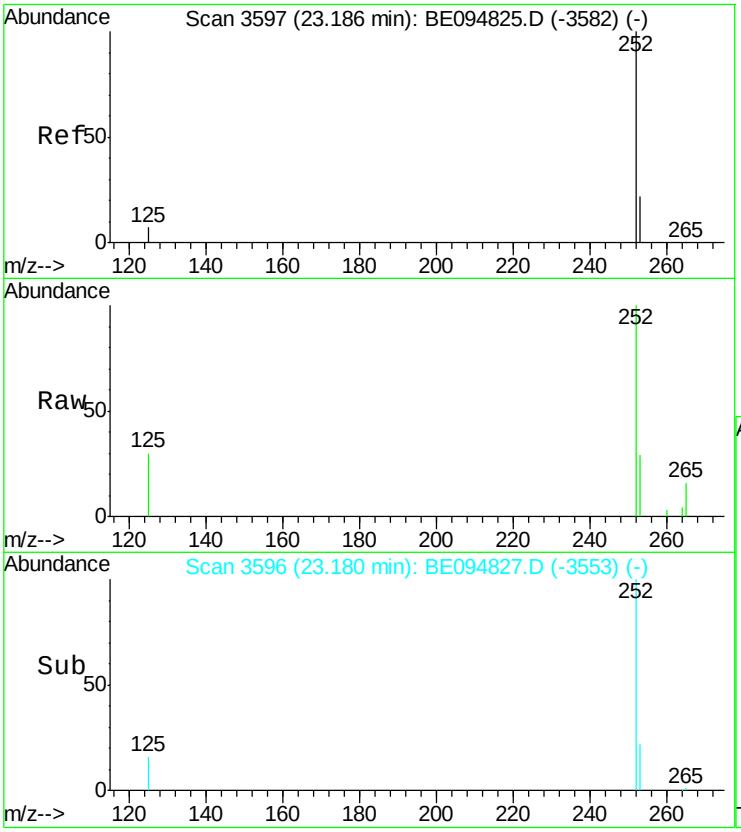


#19
Chrysene
Concen: 0.17 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Tgt Ion:228 Resp: 4323

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.4	35.0
229	25.8	17.7	26.5



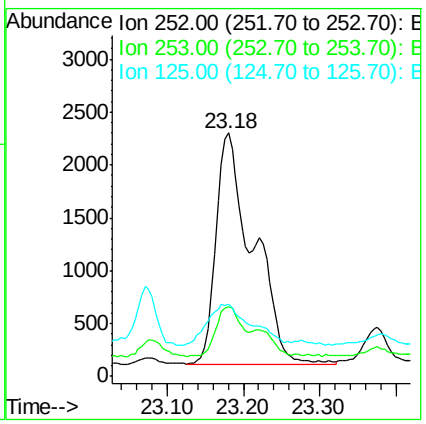


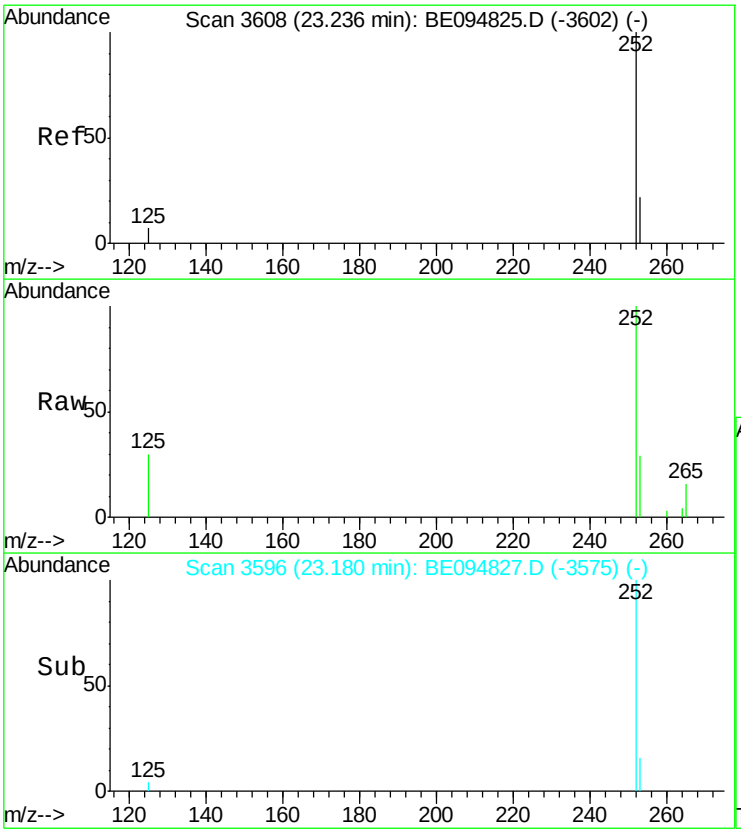
#21
Benzo(b)fluoranthene
Concen: 0.29 ng/ul
RT: 23.18 min Scan# 3596
Delta R.T. -0.01 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7319

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	64.2
125	29.7	0.0	35.0

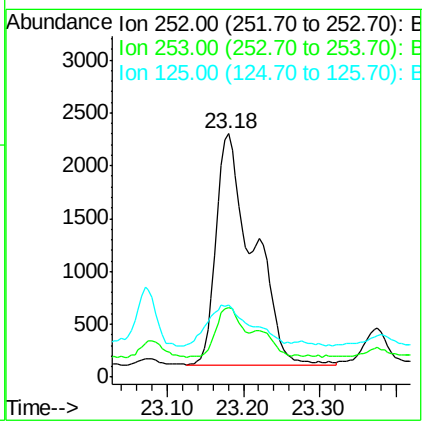


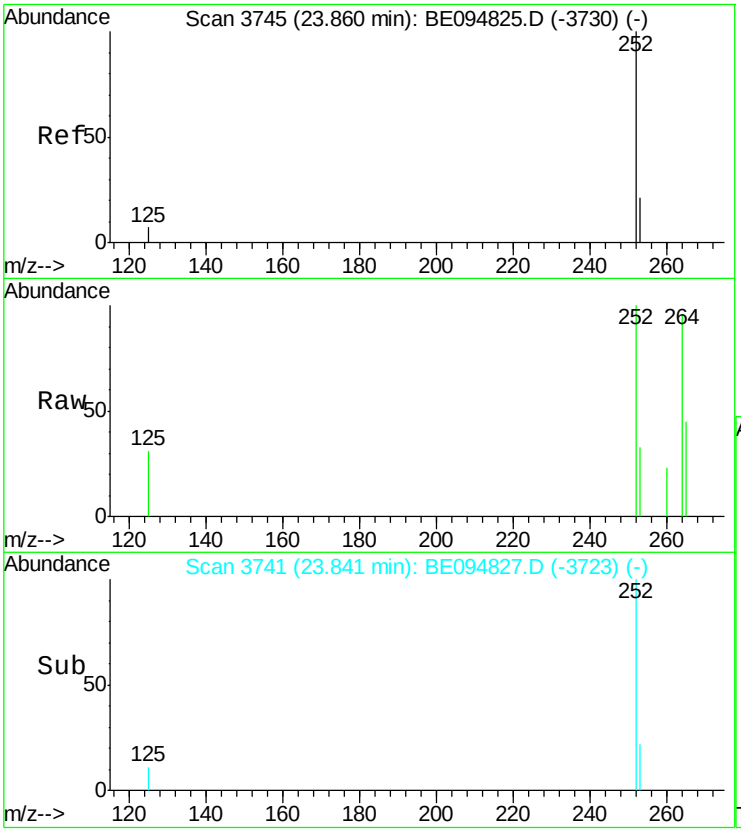


#22
Benzo(k)fluoranthene
Concen: 0.27 ng/ul
RT: 23.18 min Scan# 3596
Delta R.T. -0.06 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Tgt Ion:252 Resp: 7319

Ion	Ratio	Lower	Upper
252	100		
253	28.8	24.5	36.7
125	29.7	13.7	20.5#



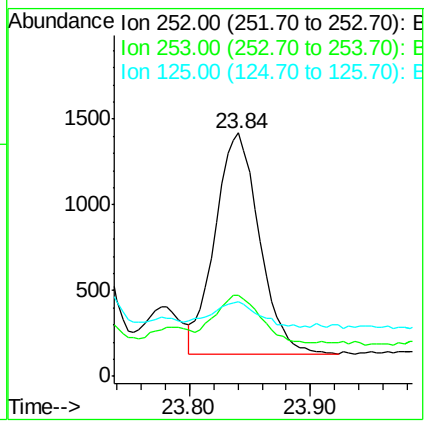


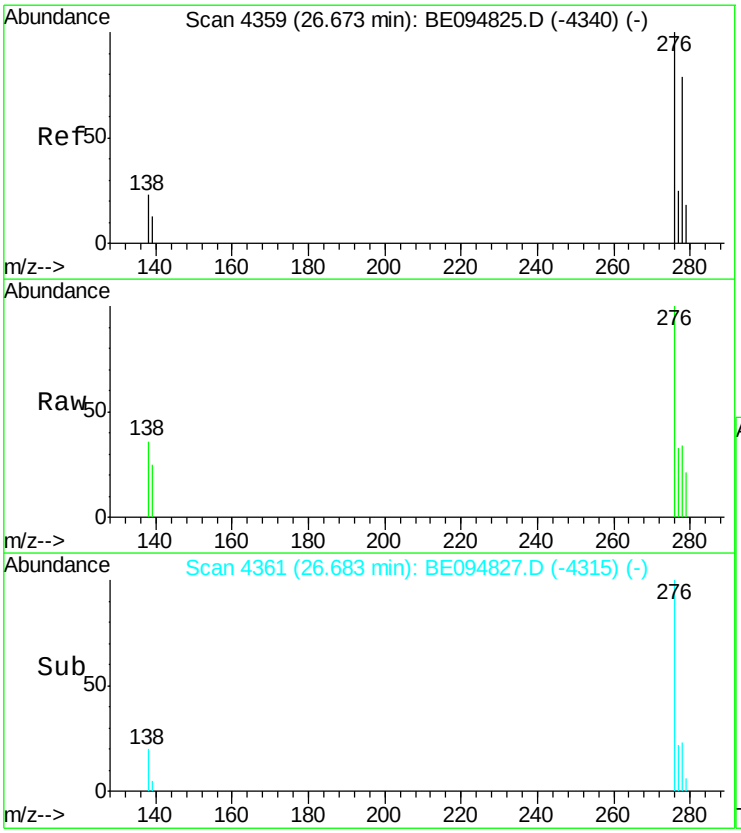
#23
Benzo(a)pyrene
Concen: 0.13 ng/ul
RT: 23.84 min Scan# 3741
Delta R.T. -0.02 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3296

Ion	Ratio	Lower	Upper
252	100		
253	33.3	28.5	42.7
125	30.6	18.1	27.1#

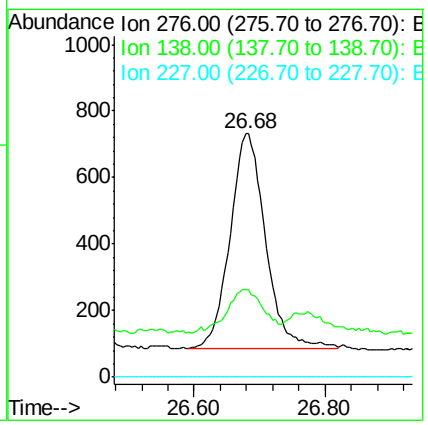


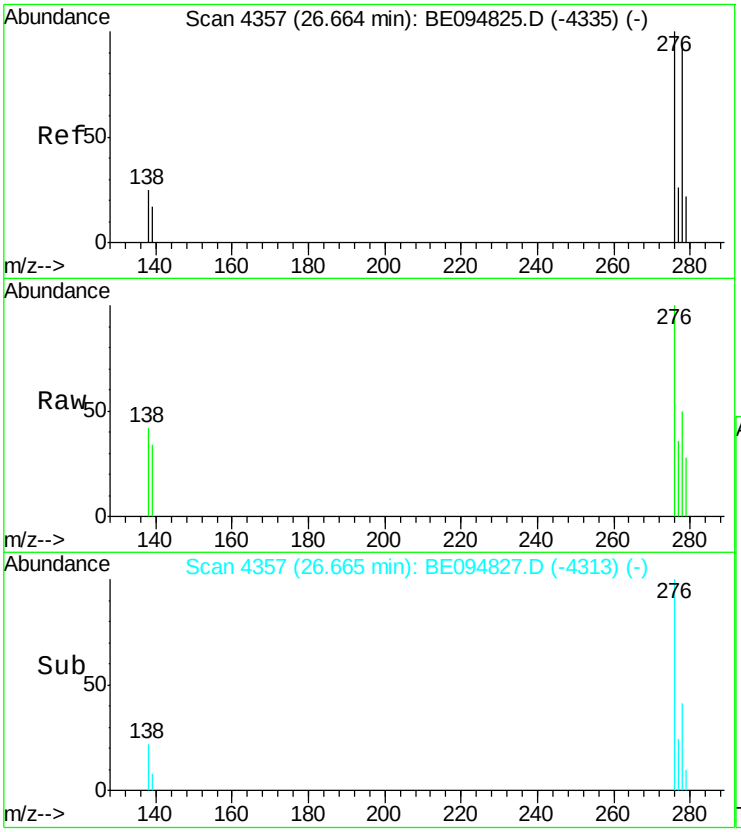


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng/ul
RT: 26.68 min Scan# 4361
Delta R.T. 0.01 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Tgt Ion:276 Resp: 2442

Ion	Ratio	Lower	Upper
276	100		
138	19.7	28.0	42.0#
227	0.0	8.0	12.0#



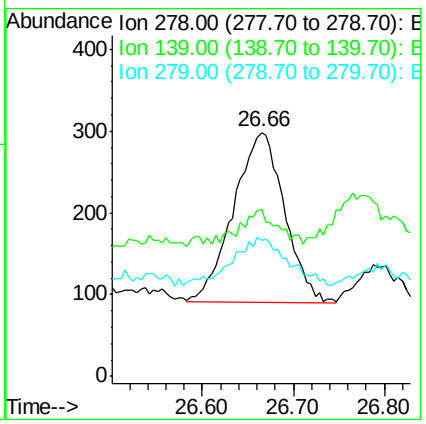


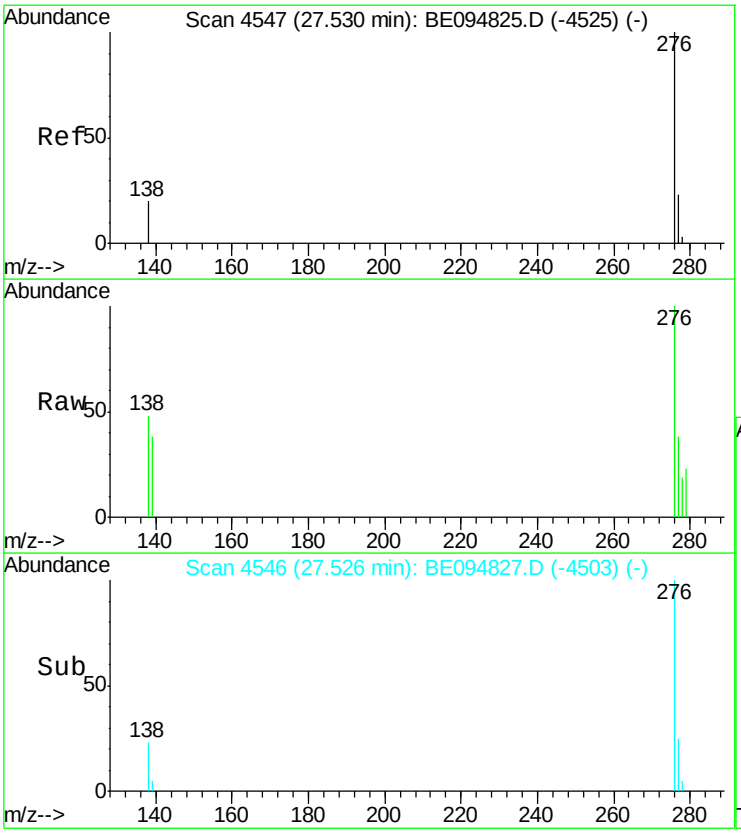
#25
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. 0.00 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 816

Ion	Ratio	Lower	Upper
278	100		
139	68.5	17.4	26.0#
279	55.7	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 27.53 min Scan# 4546
Delta R.T. -0.00 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Tgt Ion:276 Resp: 1646

Ion	Ratio	Lower	Upper
276	100		
138	48.3	21.8	32.8#
277	38.4	20.5	30.7#