Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122818\
Data File : BE098569.D
Acq On : 28 Dec 2018 11:52
Operator : SJ/JU
Sample : SSTD1.606
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTD1.606

Quant Time: Dec 28 12:28:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 28 11:34:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	893	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	4173	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	2669	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	6539	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	7892	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7423	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.20	152	11308	1.52	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	34751	1.64	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.65	128	18205	1.823	ng/ul	96
5) 2-Methylnaphthalene	12.27	142	12608	1.670	ng/ul	99
7) Acenaphthylene	14.18	152	19230	1.826	ng/ul	96
8) Acenaphthene	14.53	153	14781	1.879	ng/ul	99
9) Fluorene	15.52	166	17851	1.885	ng/ul	100
11) Pentachlorophenol	16.89	266	1776	5.191	ng/ul	96
12) Phenanthrene	17.27	178	29073	1.926	ng/ul	99
13) Anthracene	17.36	178	27000	1.812	ng/ul	99
15) Fluoranthene	19.29	202	38015	1.976	ng/ul	97
17) Pyrene	19.65	202	42551	2.309	ng/ul	98
18) Benzo(a)anthracene	21.39	228	39455	1.700	ng/ul	99
19) Chrysene	21.45	228	43884	2.445	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	39560	1.924	ng/ul	97
22) Benzo(k)fluoranthene	23.20	252	39933	1.984	ng/ul	97
23) Benzo(a)pyrene	23.81	252	37371	1.889	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.56	276	43297	1.910	ng/ul#	91
25) Dibenzo(a,h)anthracene	26.59	278	35699	1.890	ng/ul	97
26) Benzo(g,h,i)perylene	27.38	276	37086	1.944	ng/ul	95

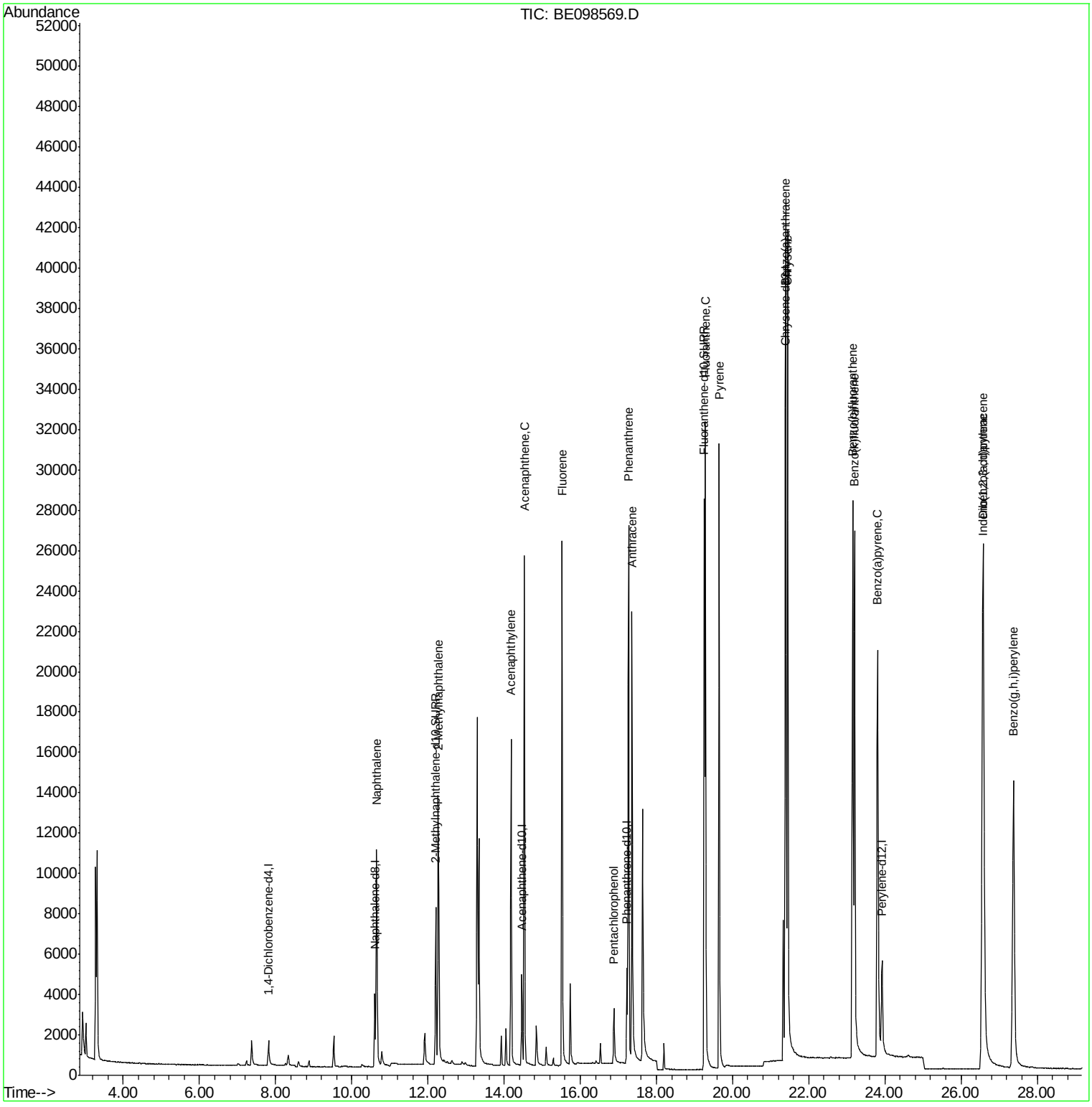
(#) = qualifier out of range (m) = manual integration (+) = signals summed

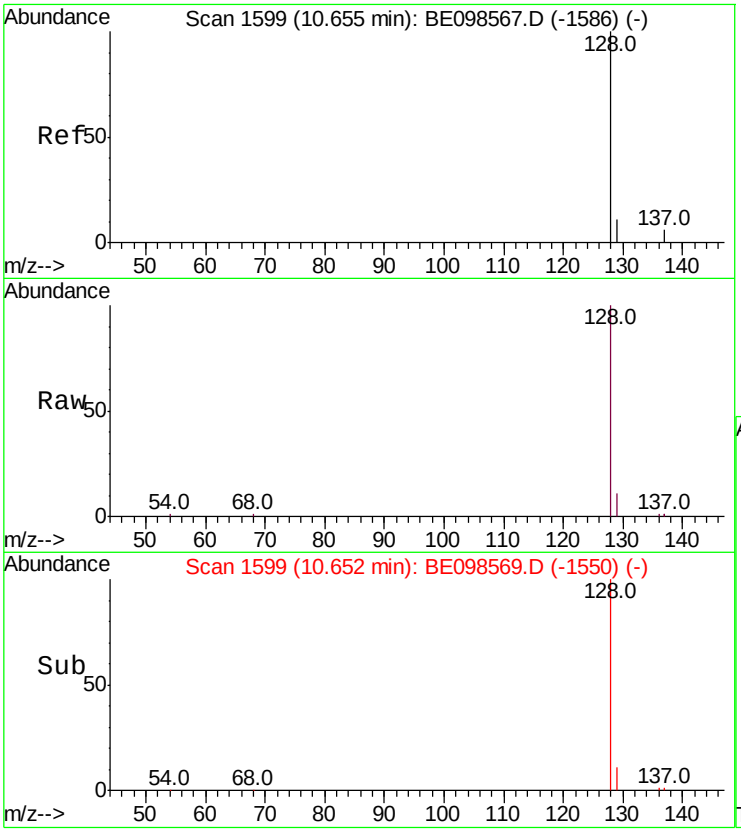
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122818\
Data File : BE098569.D
Acq On : 28 Dec 2018 11:52
Operator : SJ/JU
Sample : SSTD1.606
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD1.606

Quant Time: Dec 28 12:28:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 28 11:34:21 2018
Response via : Initial Calibration



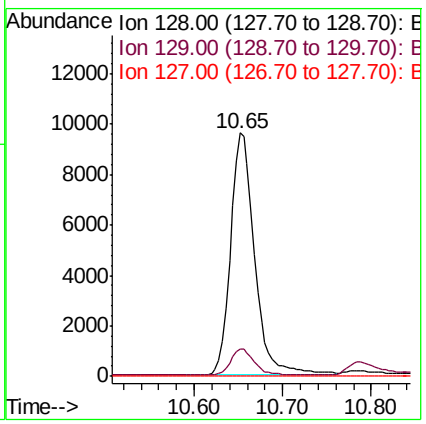


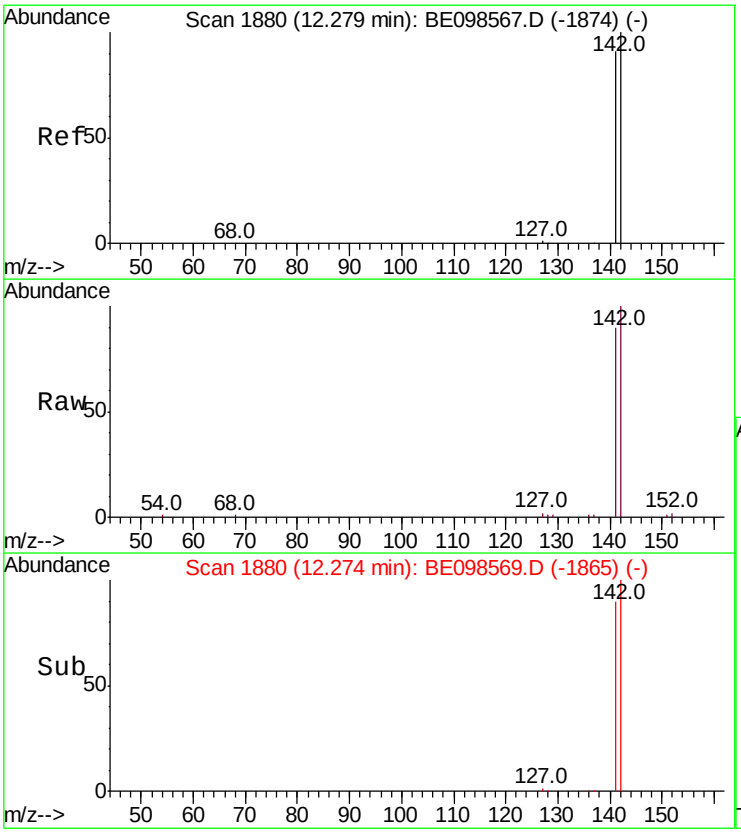
#3
Naphthalene
Concen: 1.823 ng/ul
RT: 10.65 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Instrument :
BNA_E
ClientSampleId :
SSTD1.606

Tgt Ion:128 Resp: 18205

Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.5	15.7
127	0.0	0.0	0.0

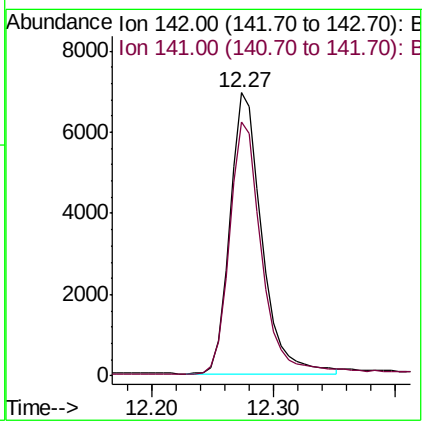


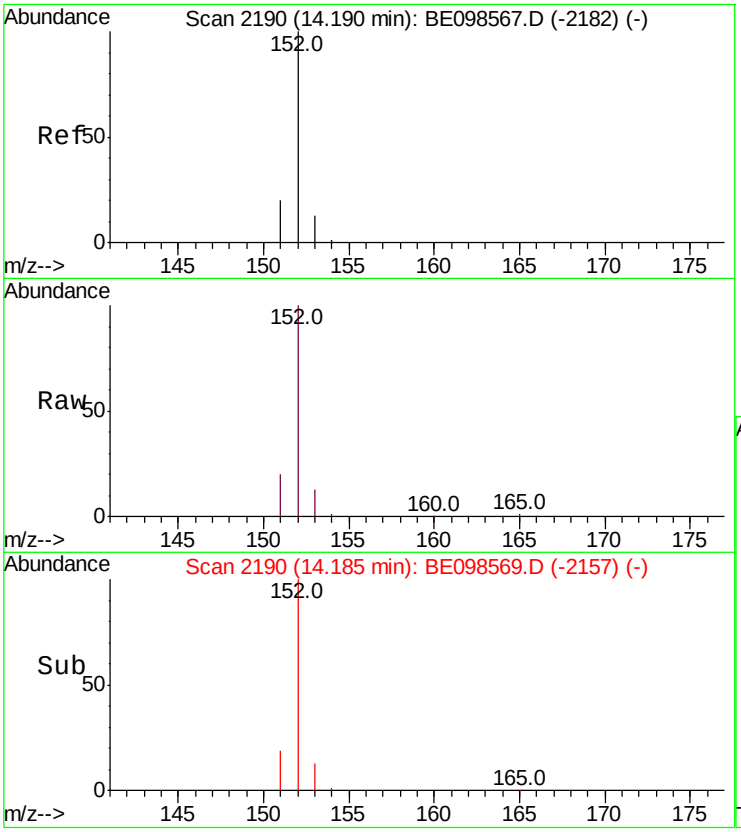


#5
2-Methylnaphthalene
Concen: 1.670 ng/ul
RT: 12.27 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Tgt Ion:142 Resp: 12608

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.5	108.7



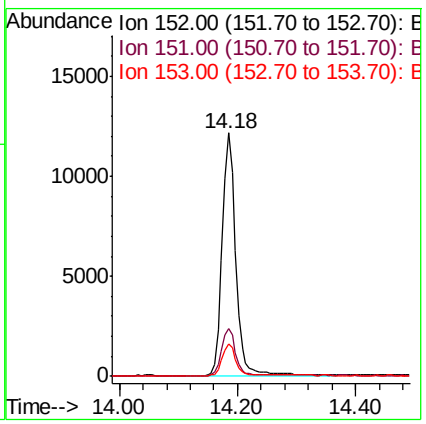


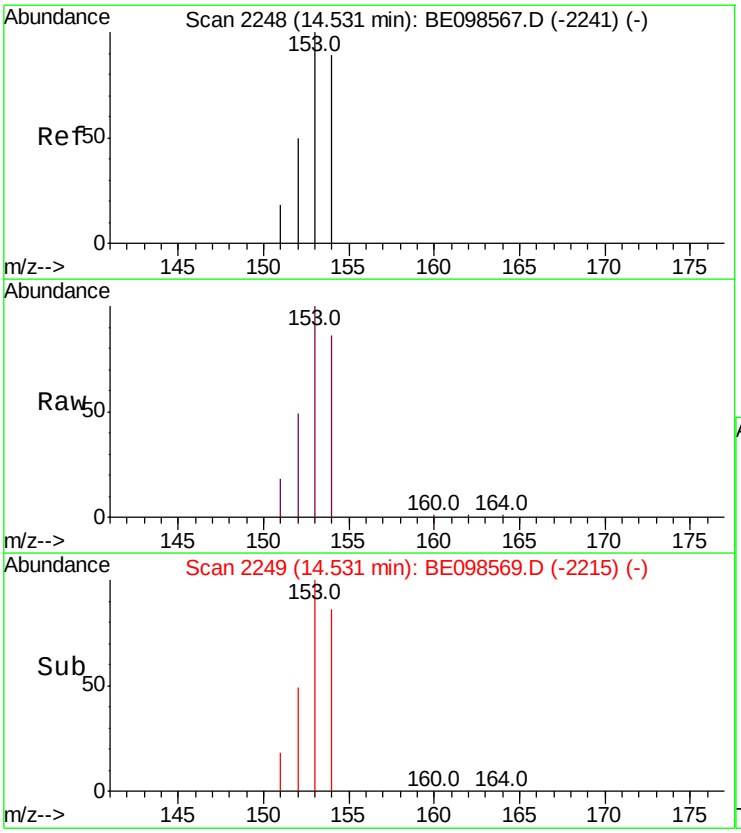
#7
Acenaphthylene
Concen: 1.826 ng/ul
RT: 14.18 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Instrument :
BNA_E
ClientSampleId :
SSTD1.606

Tgt Ion:152 Resp: 19230

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.3	25.9
153	13.1	11.9	17.9

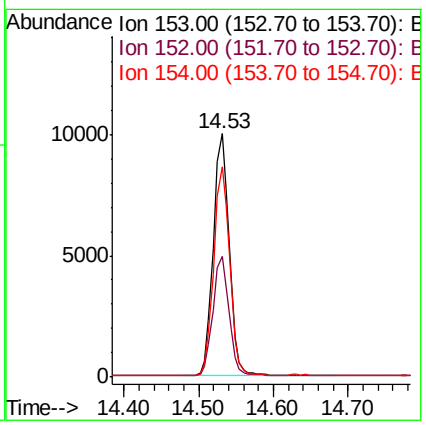


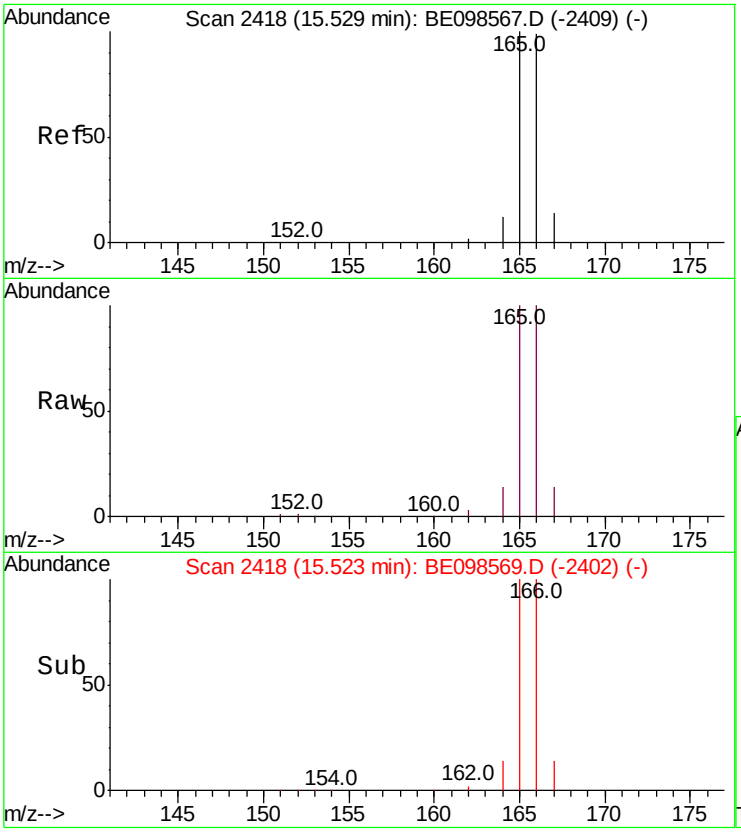


#8
Acenaphthene
Concen: 1.879 ng/ul
RT: 14.53 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Tgt Ion:153 Resp: 14781

Ion	Ratio	Lower	Upper
153	100		
152	49.4	39.4	59.0
154	86.4	70.5	105.7



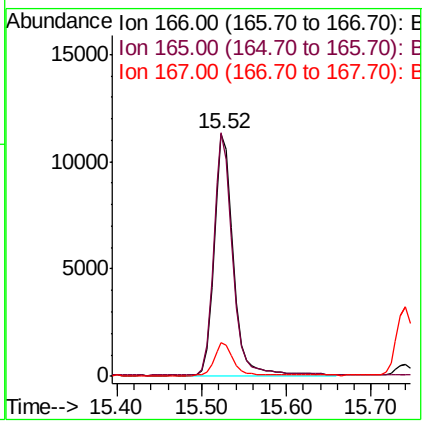


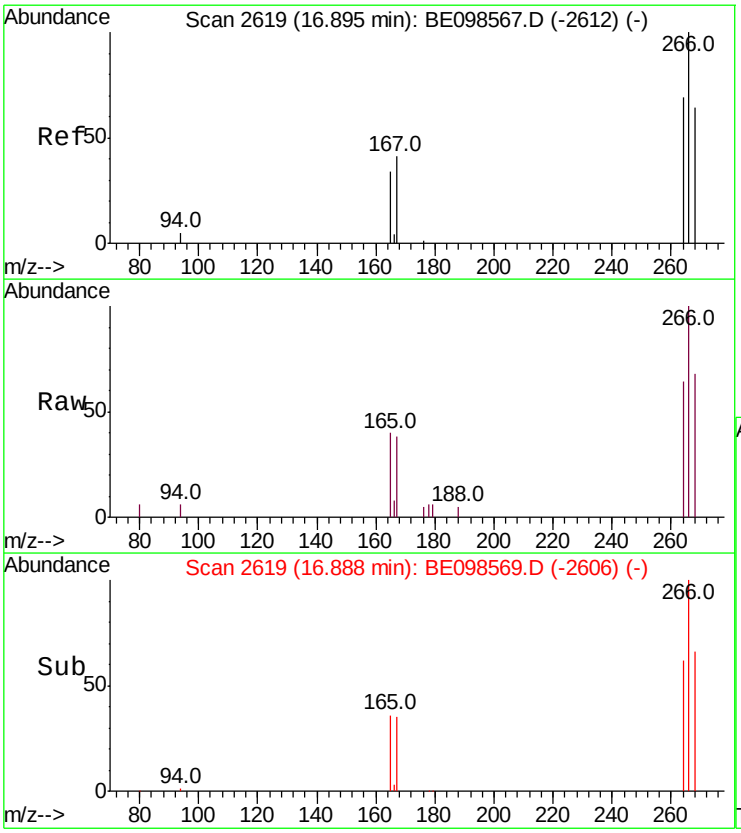
#9
Fluorene
Concen: 1.885 ng/ul
RT: 15.52 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Instrument :
BNA_E
ClientSampleId :
SSTD1.606

Tgt Ion:166 Resp: 17851

Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.2	120.4
167	14.0	12.0	18.0

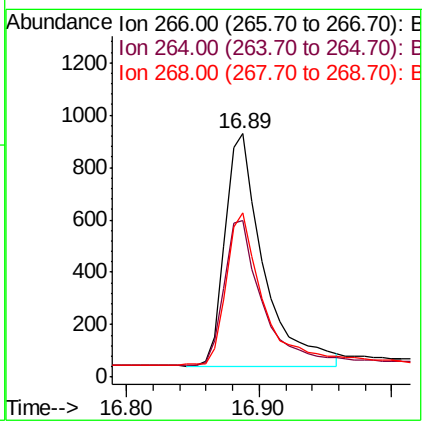


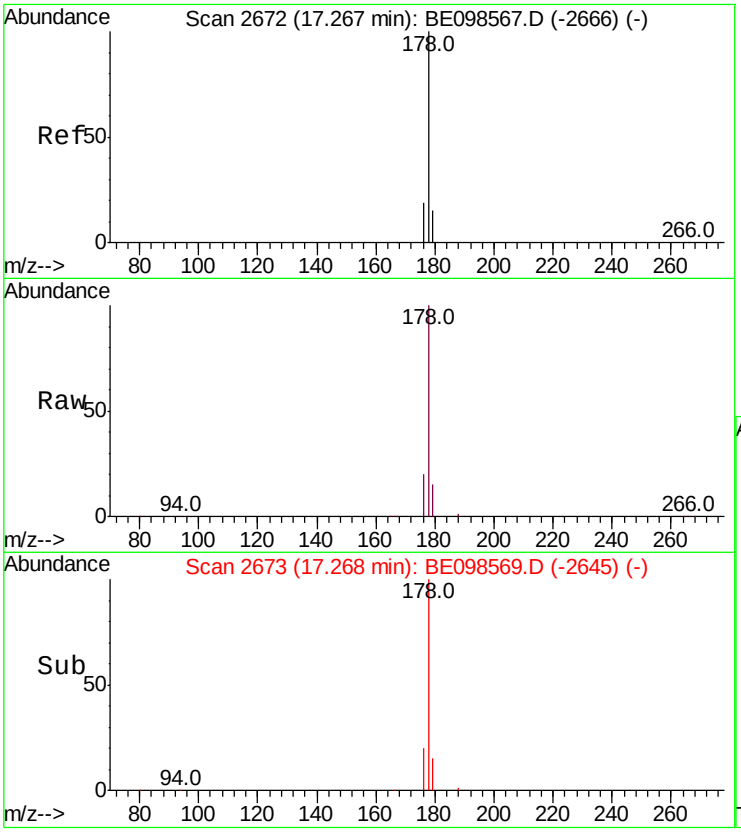


#11
Pentachlorophenol
Concen: 5.191 ng/ul
RT: 16.89 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Tgt Ion:266 Resp: 1776

Ion	Ratio	Lower	Upper
266	100		
264	61.9	48.5	72.7
268	62.4	53.7	80.5



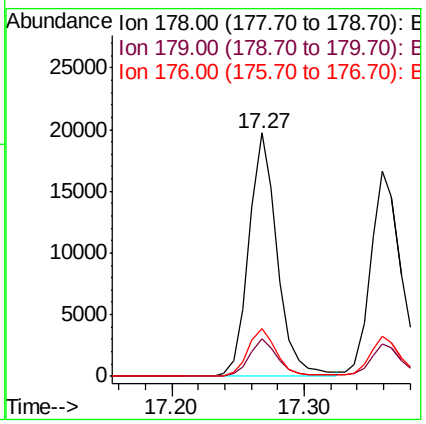


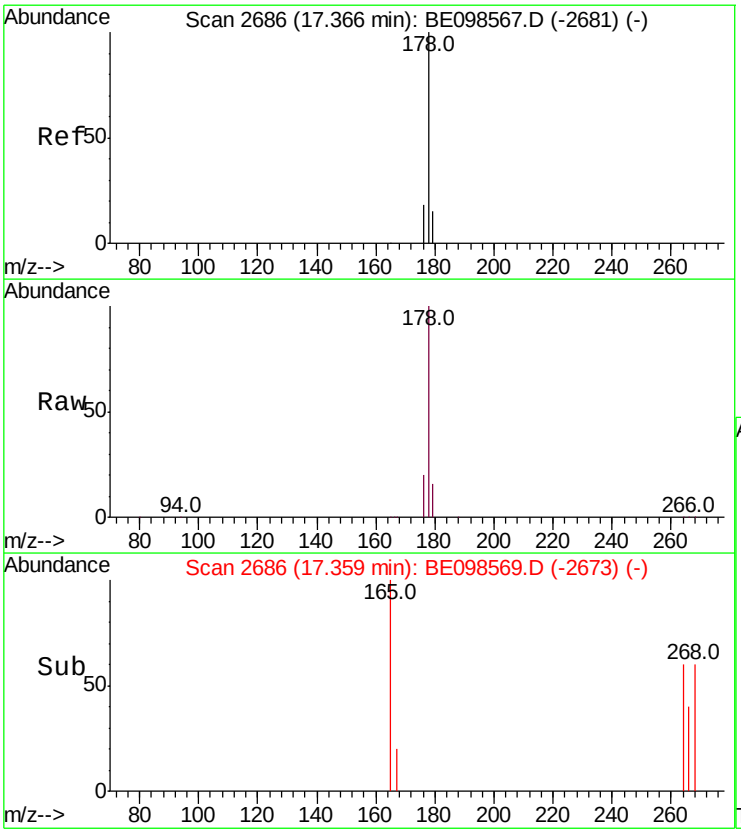
#12
Phenanthrene
Concen: 1.926 ng/ul
RT: 17.27 min Scan# 2673
Delta R.T. 0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Instrument :
BNA_E
ClientSampleId :
SSTD1.606

Tgt Ion:178 Resp: 29073

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.4
176	19.7	15.7	23.5

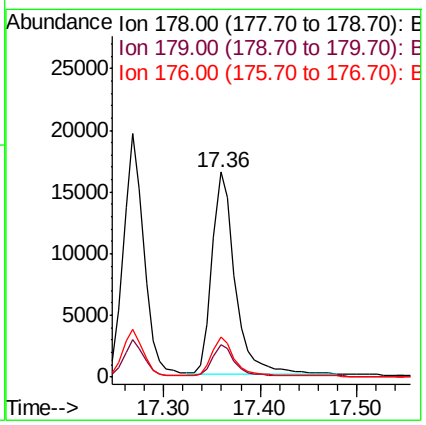


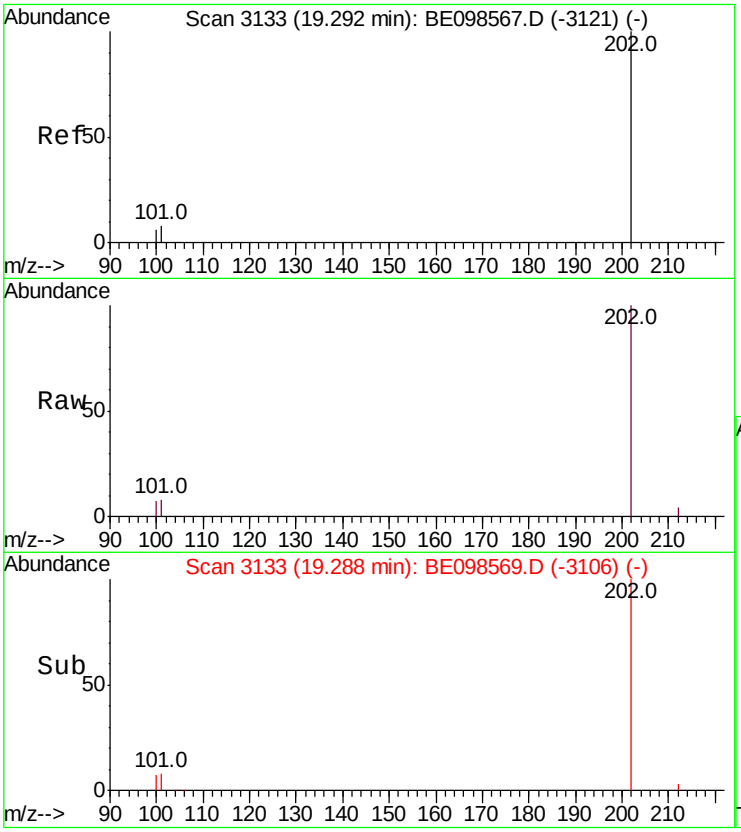


#13
Anthracene
Concen: 1.812 ng/ul
RT: 17.36 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Tgt Ion:178 Resp: 27000

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.8	15.6	23.4



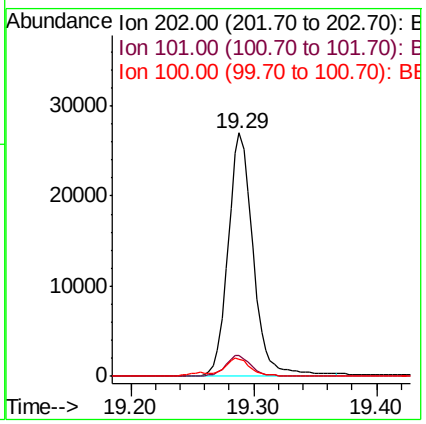


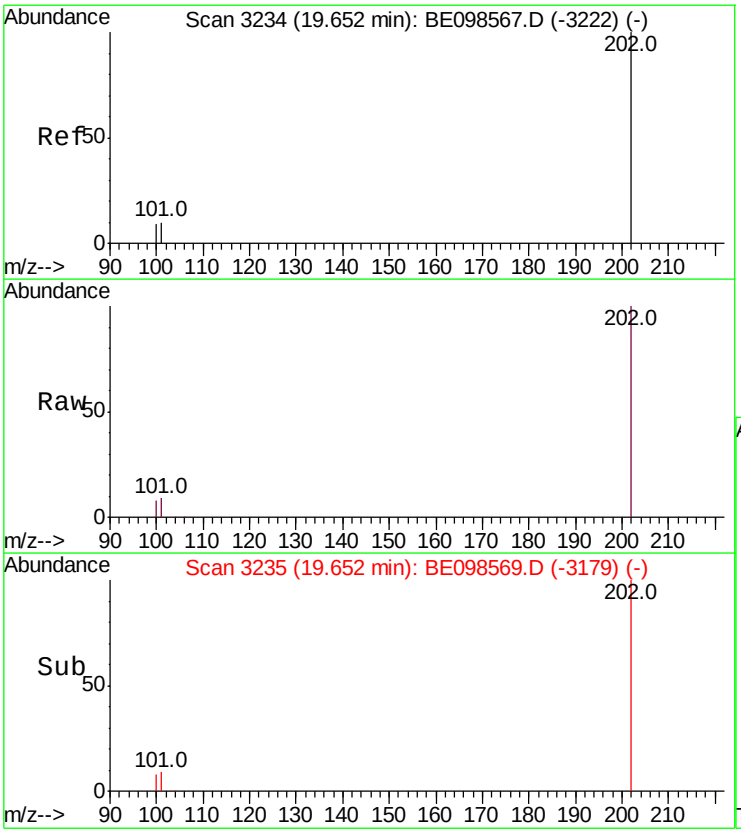
#15
Fluoranthene
Concen: 1.976 ng/ul
RT: 19.29 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Instrument :
BNA_E
ClientSampleId :
SSTD1.606

Tgt Ion:202 Resp: 38015

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.5
100	7.2	0.0	26.0

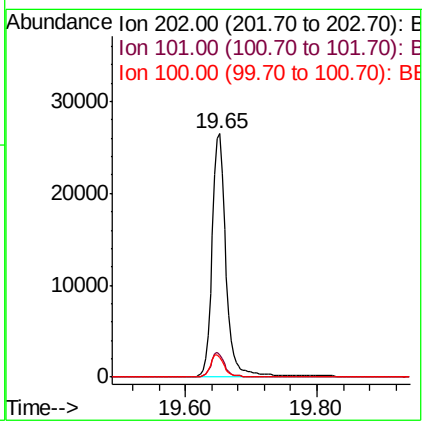


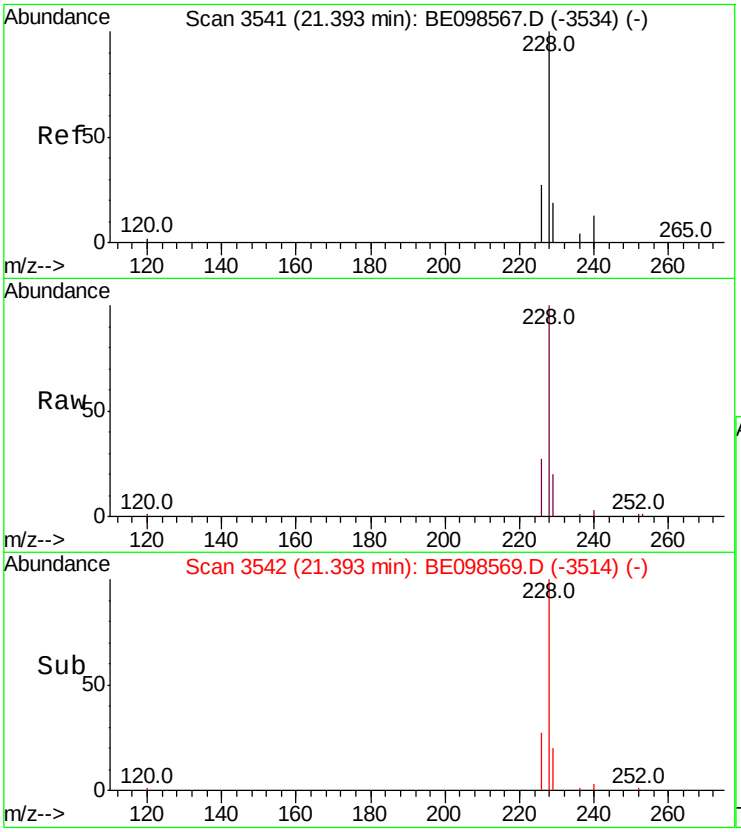


#17
Pyrene
Concen: 2.309 ng/ul
RT: 19.65 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Tgt Ion:202 Resp: 42551

Ion	Ratio	Lower	Upper
202	100		
101	9.1	6.9	10.3
100	8.3	6.0	9.0



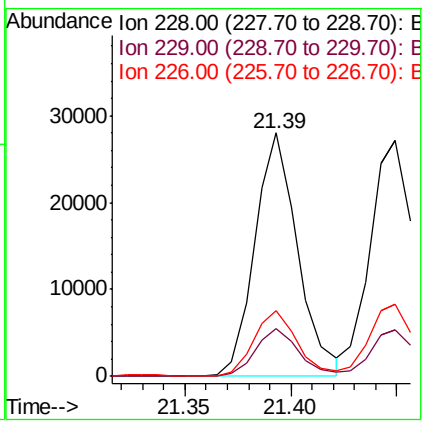


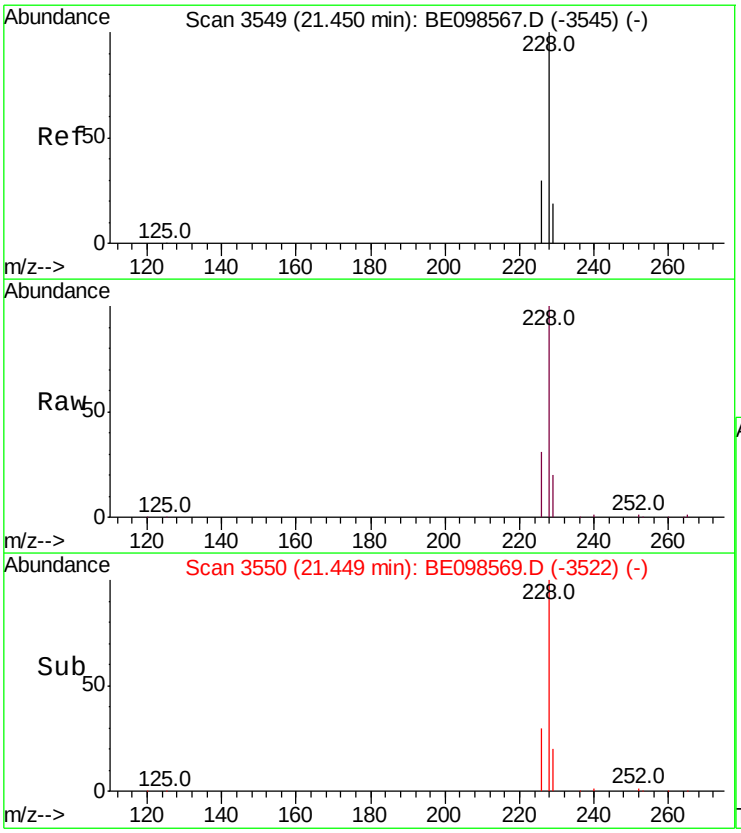
#18
Benzo(a)anthracene
Concen: 1.700 ng/ul
RT: 21.39 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Instrument :
BNA_E
ClientSampleId :
SSTD1.606

Tgt Ion:228 Resp: 39455

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.1	24.1
226	27.2	22.2	33.4

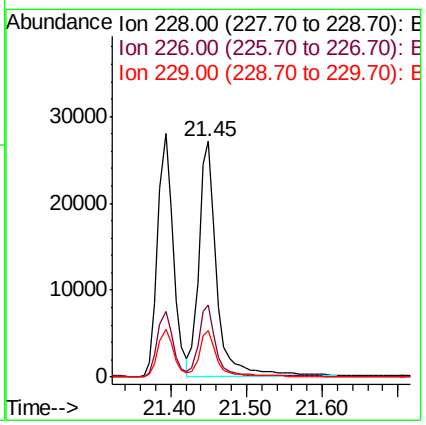


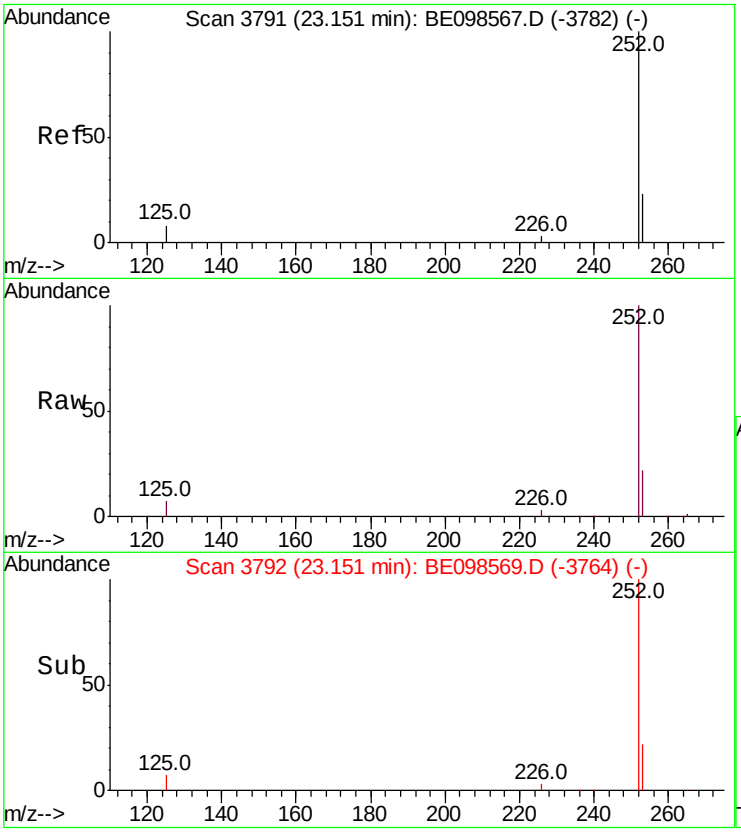


#19
Chrysene
Concen: 2.445 ng/ul
RT: 21.45 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Tgt Ion:228 Resp: 43884

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	19.8	16.4	24.6



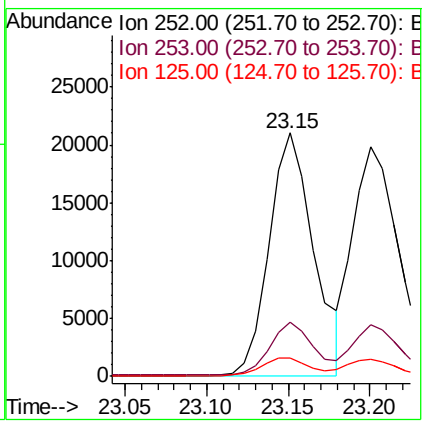


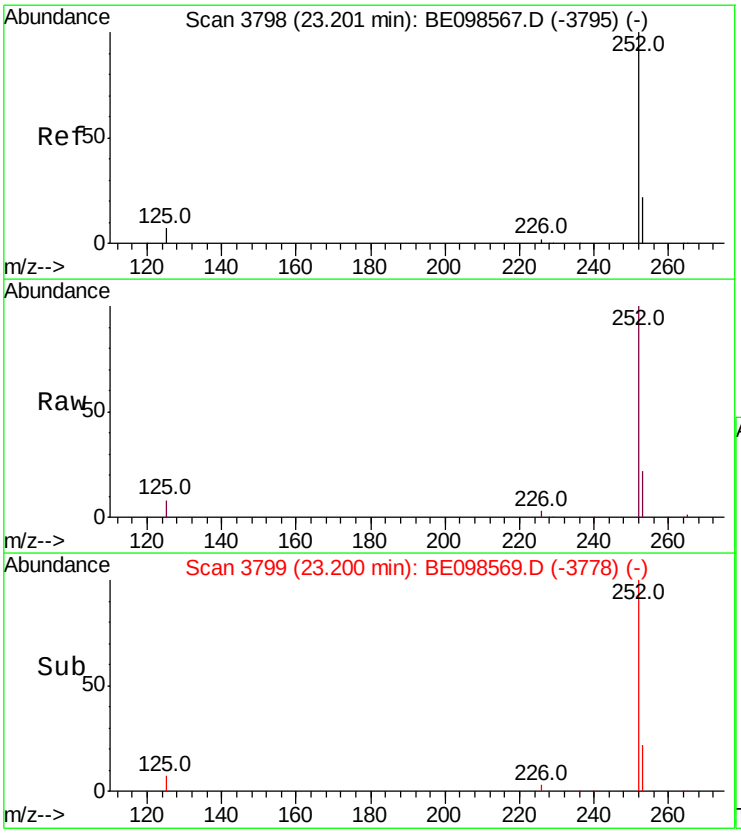
#21
Benzo(b)fluoranthene
Concen: 1.924 ng/ul
RT: 23.15 min Scan# 3792
Delta R.T. -0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Instrument :
BNA_E
ClientSampleId :
SSTD1.606

Tgt Ion:252 Resp: 39560

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	47.8
125	7.5	0.0	16.8

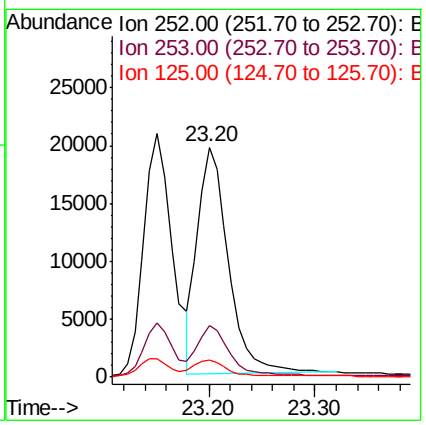


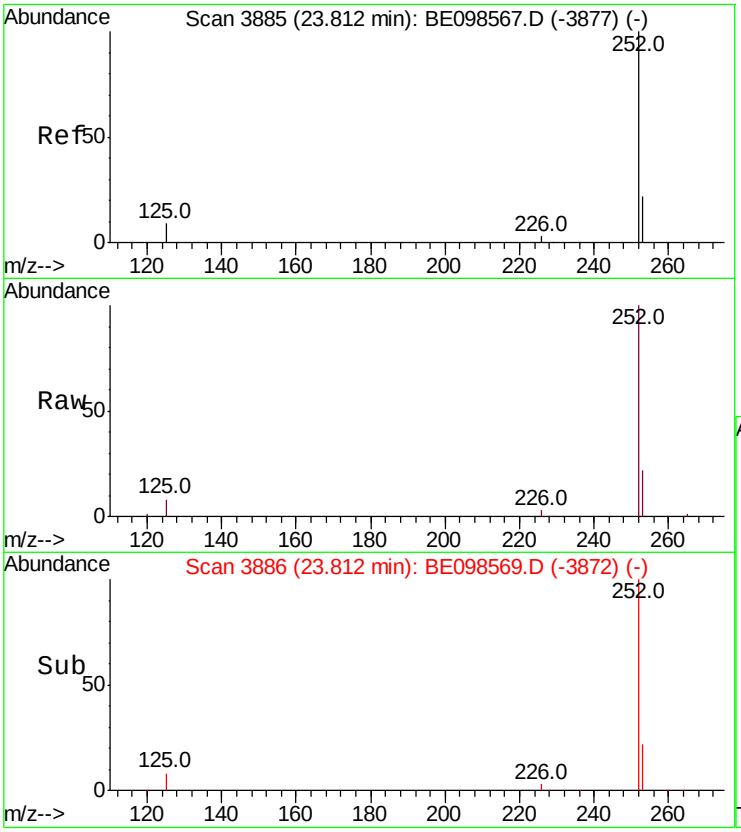


#22
Benzo(k)fluoranthene
Concen: 1.984 ng/ul
RT: 23.20 min Scan# 3799
Delta R.T. -0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Tgt Ion:252 Resp: 39933

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.3	28.9
125	7.6	6.2	9.2



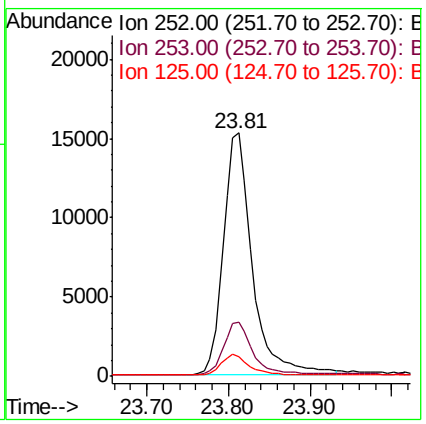


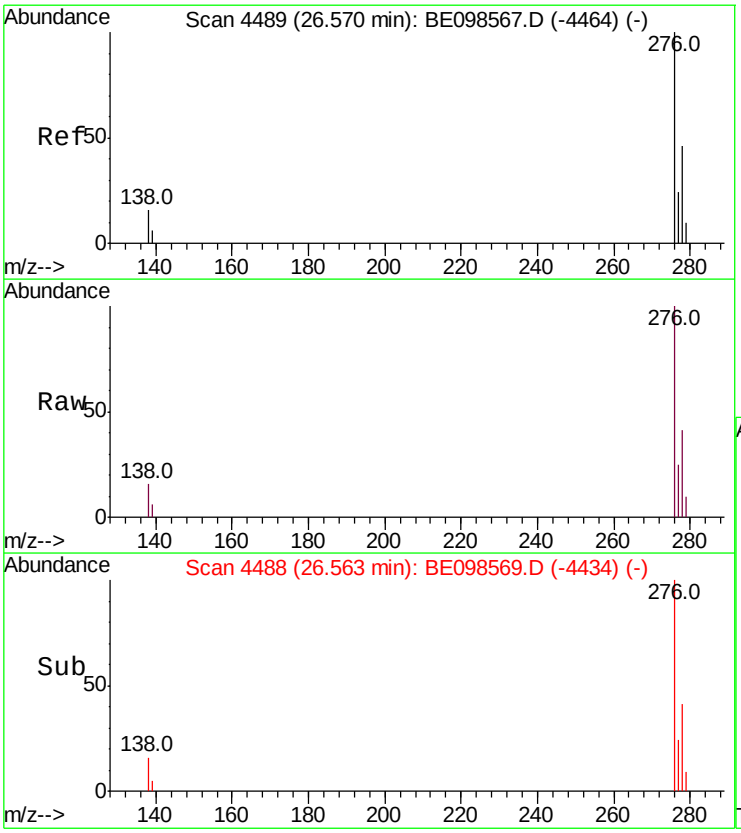
#23
Benzo(a)pyrene
Concen: 1.889 ng/ul
RT: 23.81 min Scan# 3886
Delta R.T. -0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Instrument :
BNA_E
ClientSampleId :
SSTD1.606

Tgt Ion:252 Resp: 37371

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.4	29.2
125	8.0	7.8	11.8

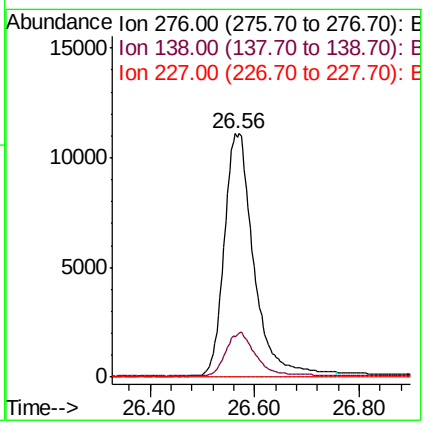


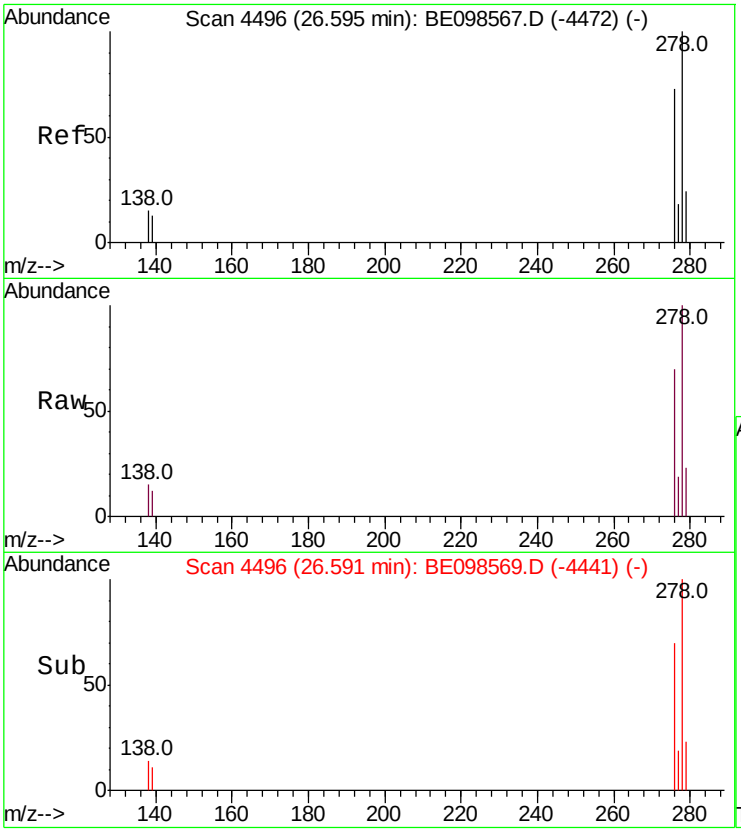


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.910 ng/ul
RT: 26.56 min Scan# 4488
Delta R.T. -0.01 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Tgt Ion:276 Resp: 43297

Ion	Ratio	Lower	Upper
276	100		
138	18.4	11.8	17.8#
227	0.0	0.0	0.0



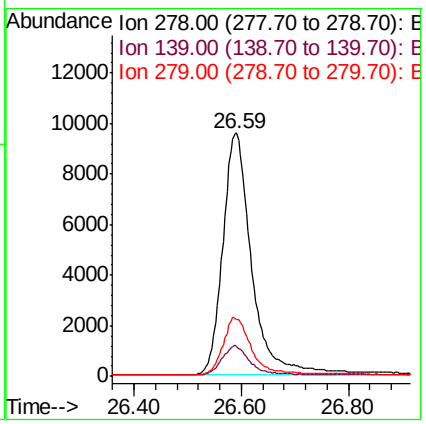


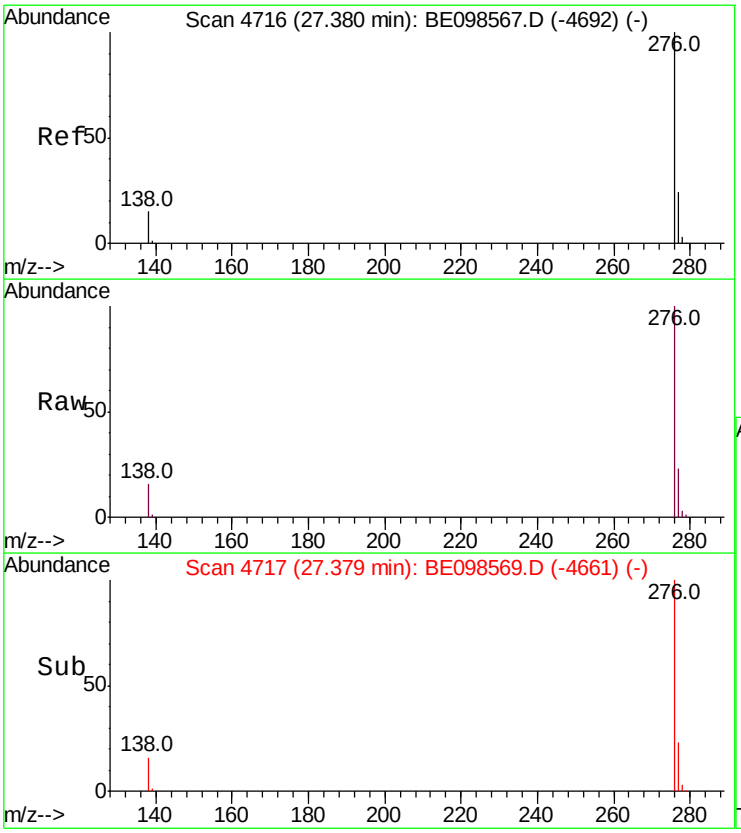
#25
Dibenzo(a,h)anthracene
Concen: 1.890 ng/ul
RT: 26.59 min Scan# 4496
Delta R.T. -0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Instrument :
BNA_E
ClientSampleId :
SSTD1.606

Tgt Ion:278 Resp: 35699

Ion	Ratio	Lower	Upper
278	100		
139	12.0	10.0	15.0
279	23.5	20.3	30.5





#26
Benzo(g,h,i)perylene
Concen: 1.944 ng/ul
RT: 27.38 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BE098569.D
Acq: 28 Dec 2018 11:52

Tgt Ion:276 Resp: 37086

Ion	Ratio	Lower	Upper
276	100		
138	16.0	11.6	17.4
277	23.4	20.8	31.2