Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122818\
Data File : BE098565.D
Acq On : 28 Dec 2018 9:22
Operator : SJ/JU
Sample : SSTD0.102
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 28 11:37:18 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	793	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	3795	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	2508	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	6186	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	7276	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7474	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	592	0.09	ng/ul	0.01
14) Fluoranthene-d10	19.27	212	1920	0.10	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.66	128	1006	0.111	ng/ul#	83
5) 2-Methylnaphthalene	12.29	142	592	0.086	ng/ul	98
7) Acenaphthylene	14.20	152	1056	0.107	ng/ul	92
8) Acenaphthene	14.54	153	820	0.111	ng/ul	95
9) Fluorene	15.53	166	953	0.107	ng/ul#	97
11) Pentachlorophenol	16.92	266	49	0.151	ng/ul	94
12) Phenanthrene	17.27	178	1633	0.114	ng/ul	93
13) Anthracene	17.37	178	1229	0.087	ng/ul#	87
15) Fluoranthene	19.29	202	2085	0.115	ng/ul	88
17) Pyrene	19.66	202	2200	0.129	ng/ul#	86
18) Benzo(a)anthracene	21.40	228	2099	0.098	ng/ul	95
19) Chrysene	21.46	228	2769	0.167	ng/ul	97
21) Benzo(b)fluoranthene	23.21	252	2636	0.127	ng/ul	86
22) Benzo(k)fluoranthene	23.21	252	2636	0.130	ng/ul#	86
23) Benzo(a)pyrene	23.82	252	2257	0.113	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	26.58	276	2507	0.110	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.61	278	2010	0.106	ng/ul#	75
26) Benzo(g,h,i)perylene	27.39	276	2172	0.113	ng/ul#	87

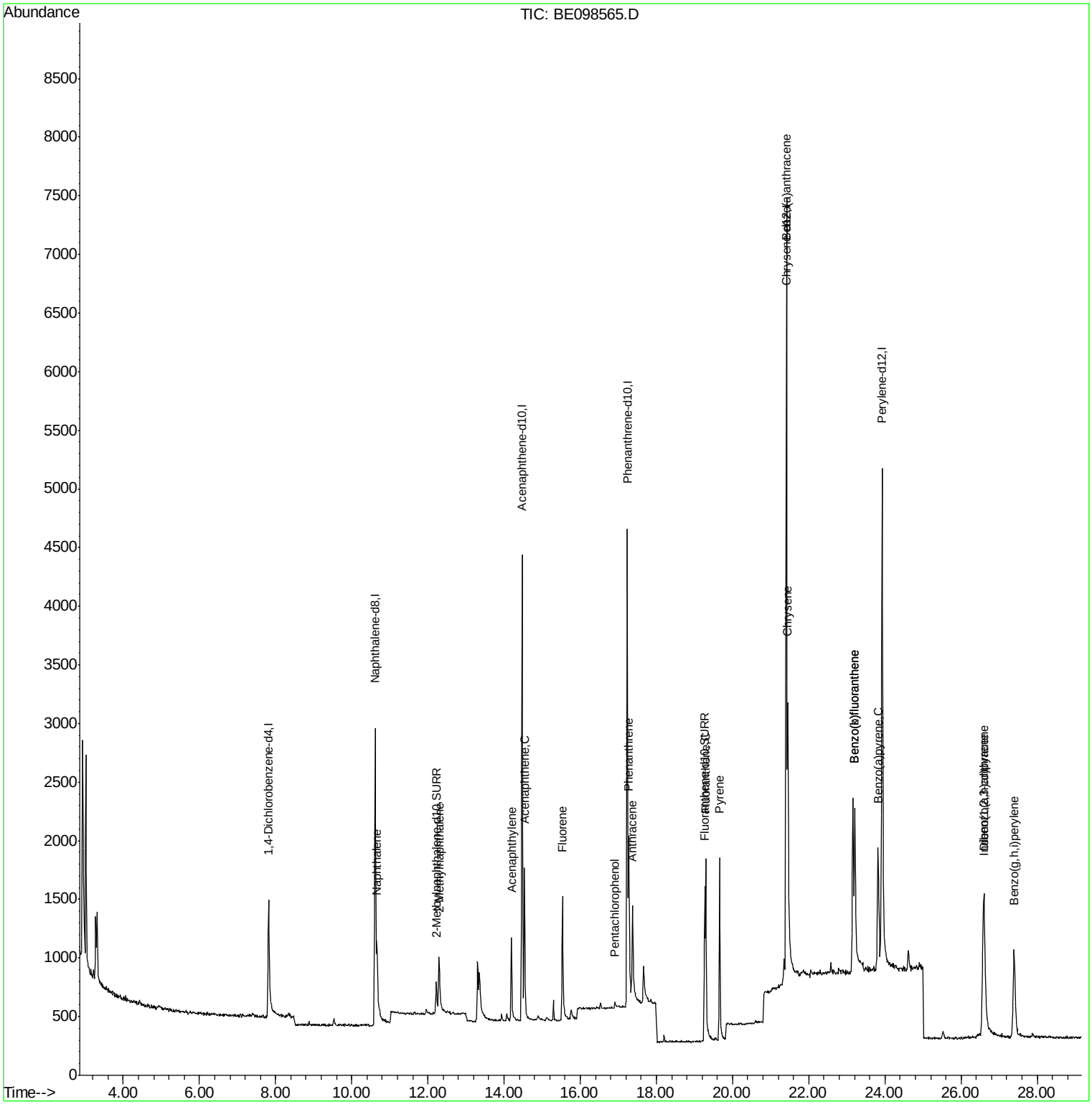
(#) = qualifier out of range (m) = manual integration (+) = signals summed

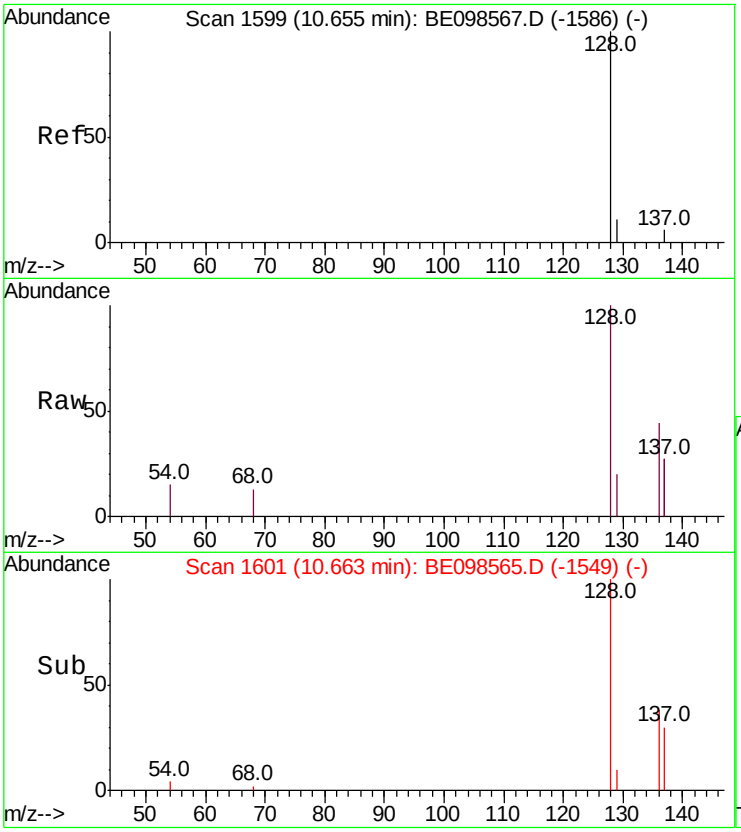
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122818\
Data File : BE098565.D
Acq On : 28 Dec 2018 9:22
Operator : SJ/JU
Sample : SSTD0.102
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 28 11:37:18 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



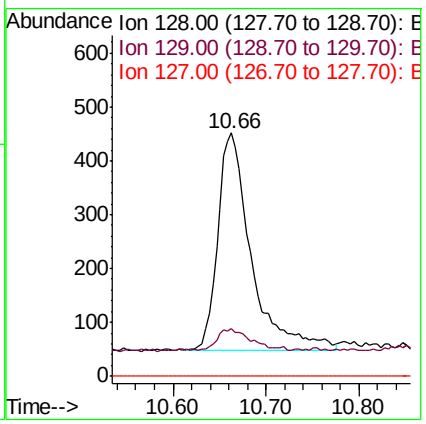


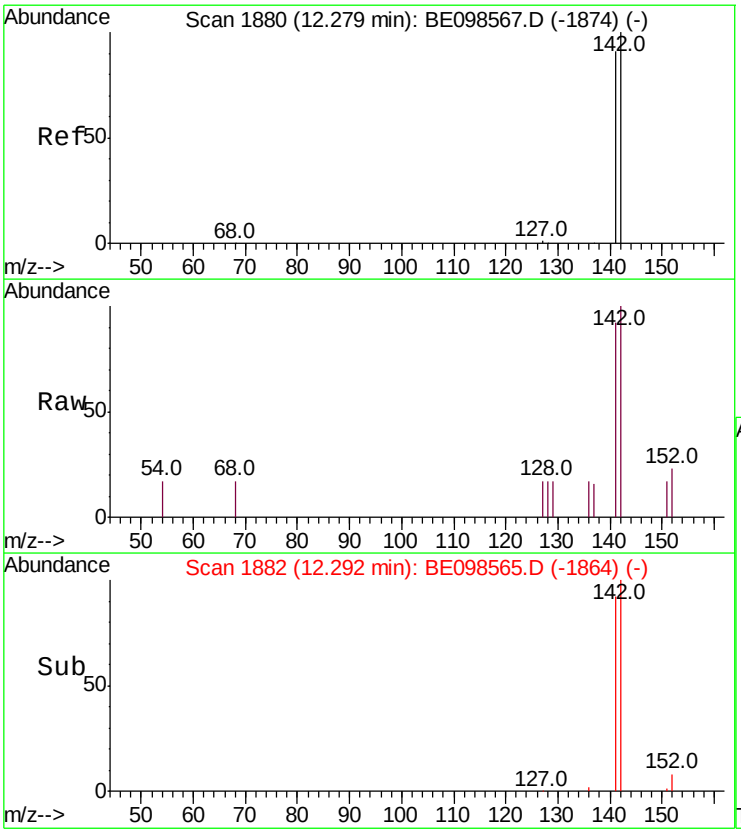
#3
Naphthalene
Concen: 0.111 ng/ul
RT: 10.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1006

Ion	Ratio	Lower	Upper
128	100		
129	19.7	10.5	15.7#
127	0.0	0.0	0.0

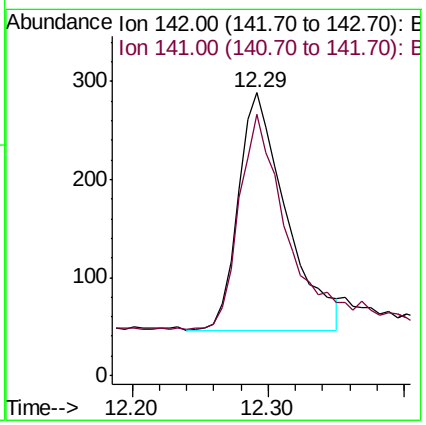


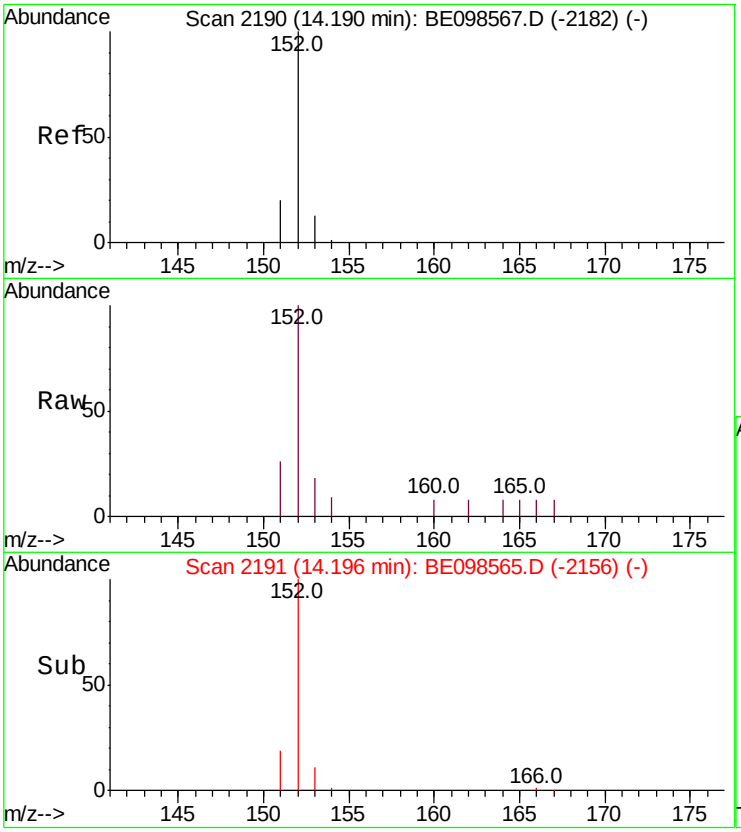


#5
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.29 min Scan# 1882
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Tgt Ion:142 Resp: 592

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.5	108.7



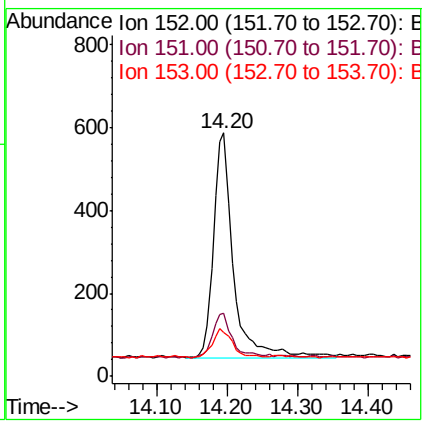


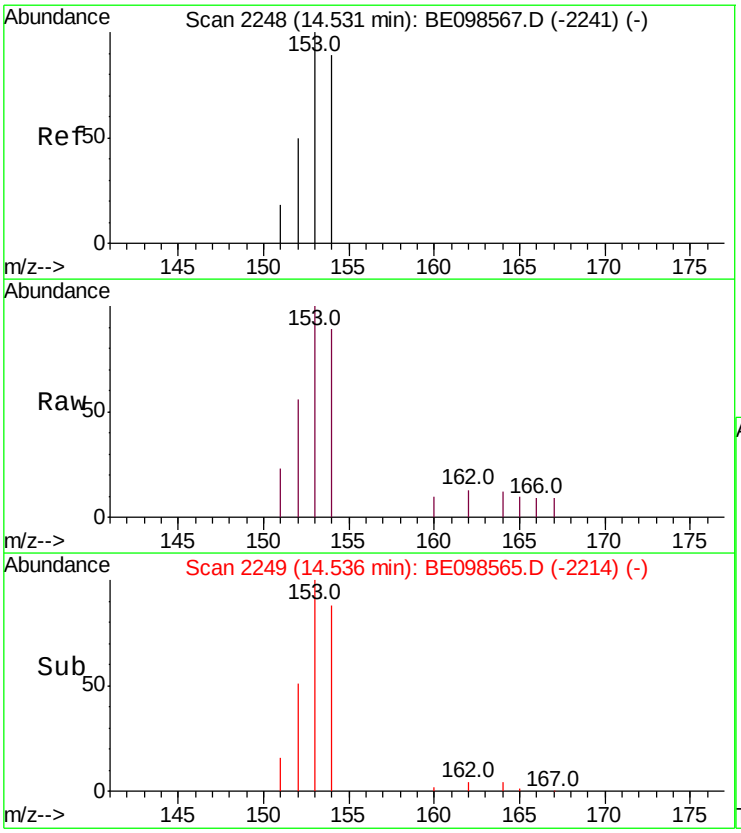
#7
Acenaphthylene
Concen: 0.107 ng/ul
RT: 14.20 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1056

Ion	Ratio	Lower	Upper
152	100		
151	25.7	17.3	25.9
153	17.9	11.9	17.9

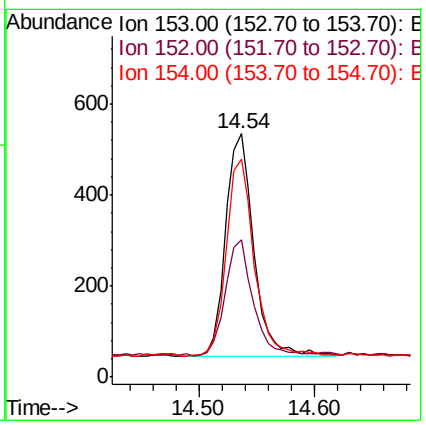


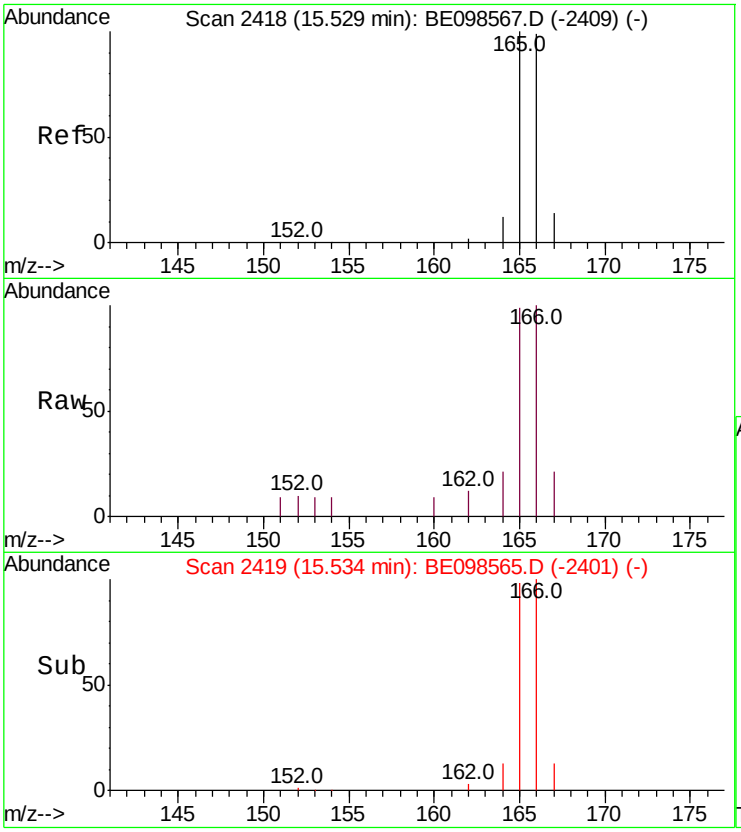


#8
Acenaphthene
Concen: 0.111 ng/ul
RT: 14.54 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Tgt Ion:153 Resp: 820

Ion	Ratio	Lower	Upper
153	100		
152	56.4	39.4	59.0
154	89.3	70.5	105.7



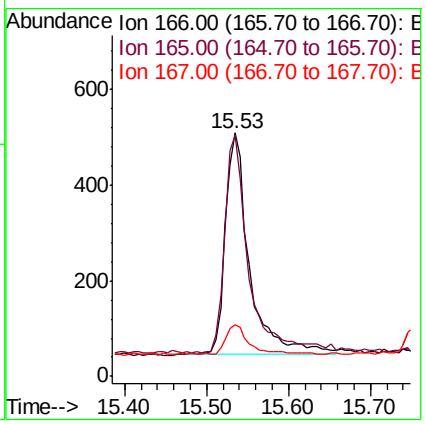


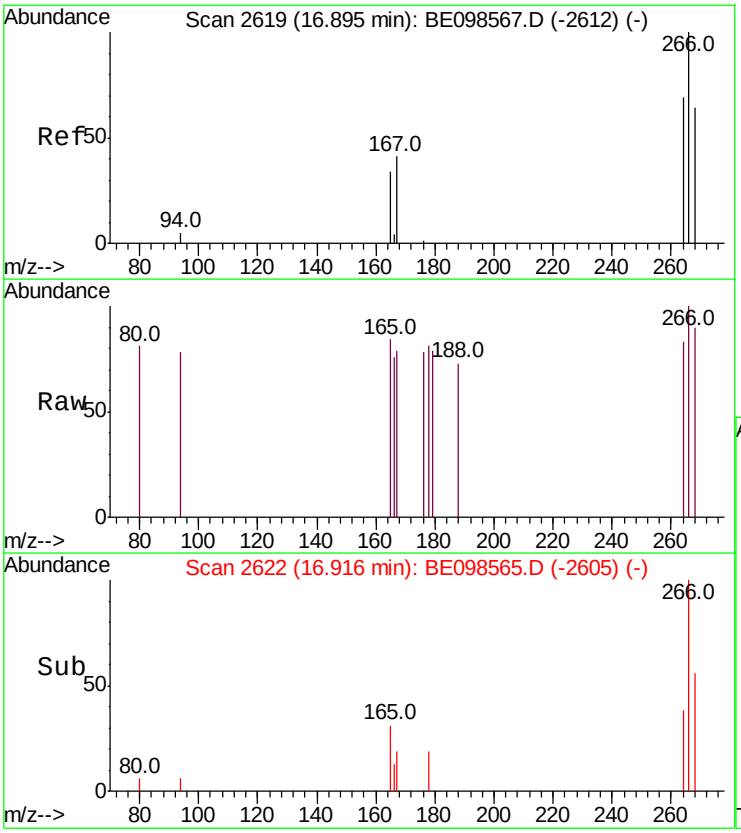
#9
Fluorene
Concen: 0.107 ng/ul
RT: 15.53 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 953

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.2	120.4
167	21.2	12.0	18.0#

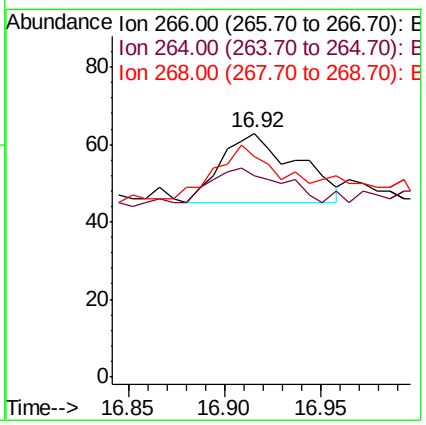


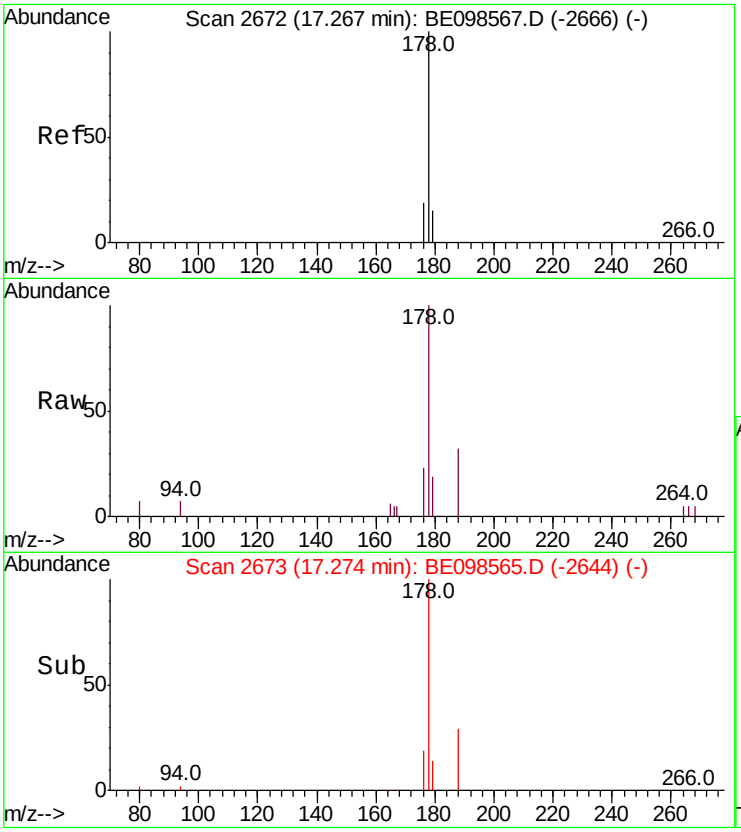


#11
Pentachlorophenol
Concen: 0.151 ng/ul
RT: 16.92 min Scan# 2622
Delta R.T. 0.02 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Tgt Ion:266 Resp: 49

Ion	Ratio	Lower	Upper
266	100		
264	59.2	48.5	72.7
268	75.5	53.7	80.5



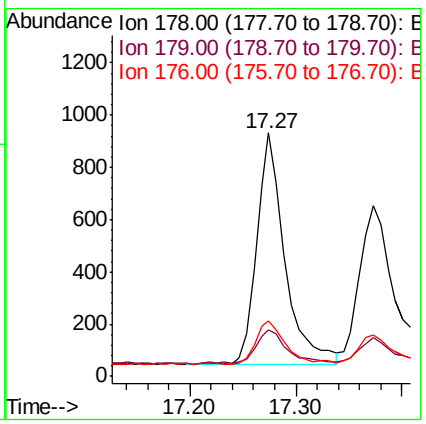


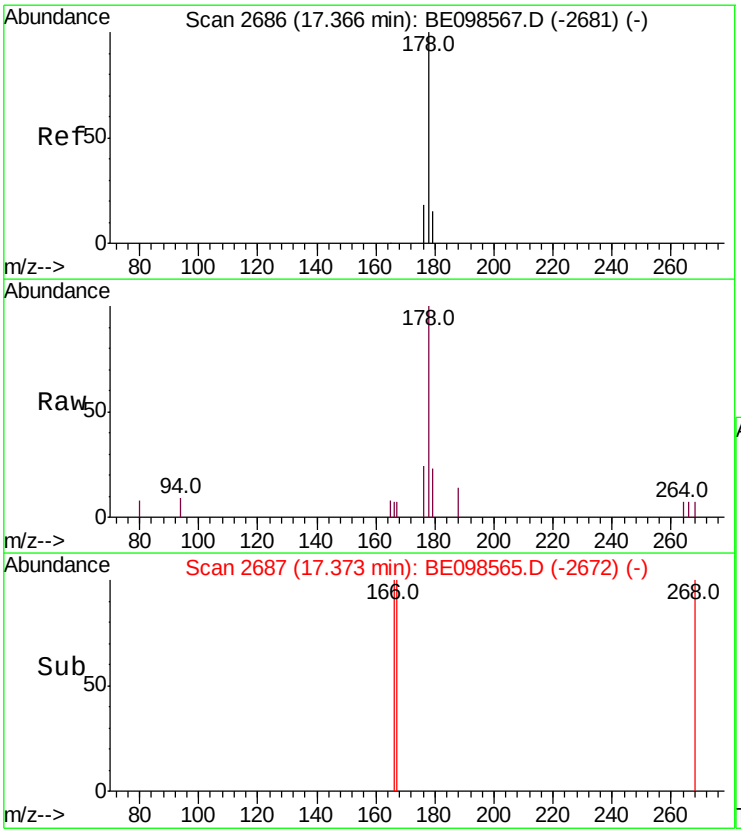
#12
Phenanthrene
Concen: 0.114 ng/ul
RT: 17.27 min Scan# 2673
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1633

Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.0	19.4
176	22.9	15.7	23.5

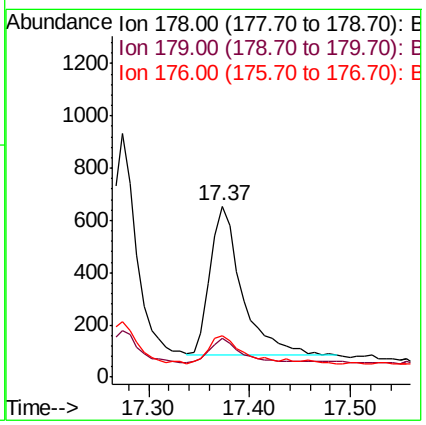


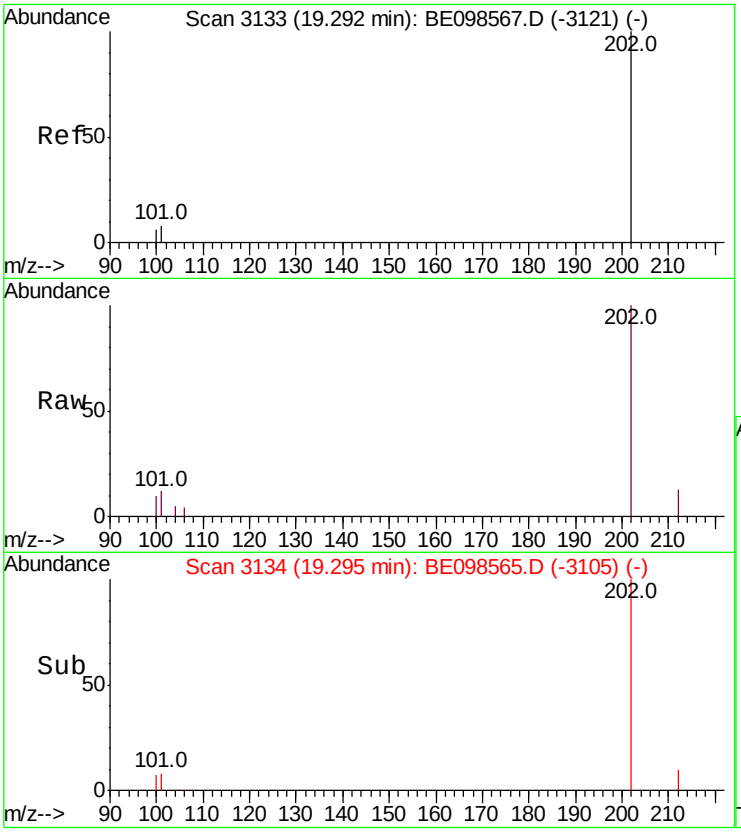


#13
Anthracene
Concen: 0.087 ng/ul
RT: 17.37 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Tgt Ion:178 Resp: 1229

Ion	Ratio	Lower	Upper
178	100		
179	22.7	12.6	19.0#
176	24.1	15.6	23.4#



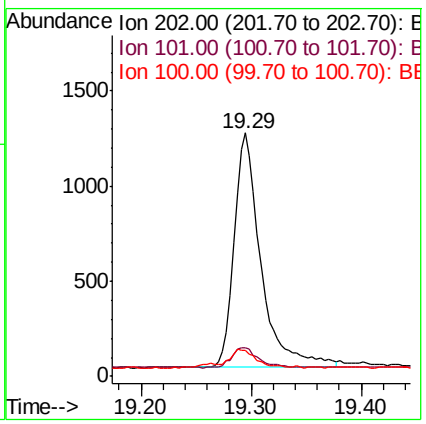


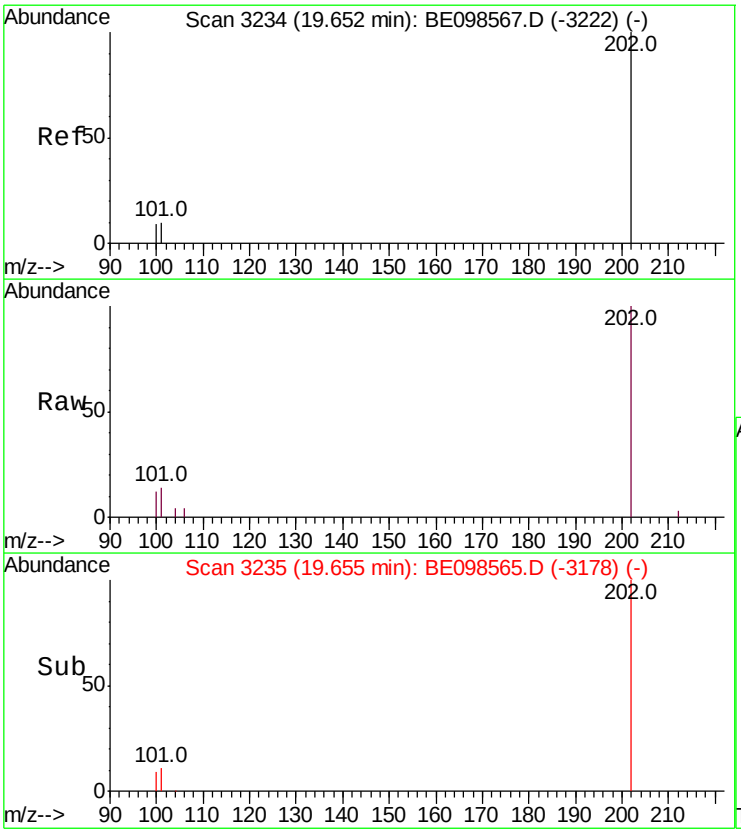
#15
Fluoranthene
Concen: 0.115 ng/ul
RT: 19.29 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 2085

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	27.5
100	10.5	0.0	26.0

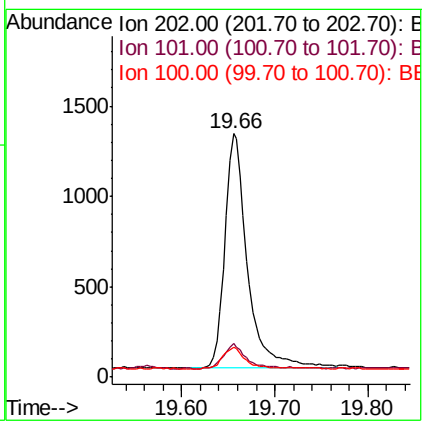


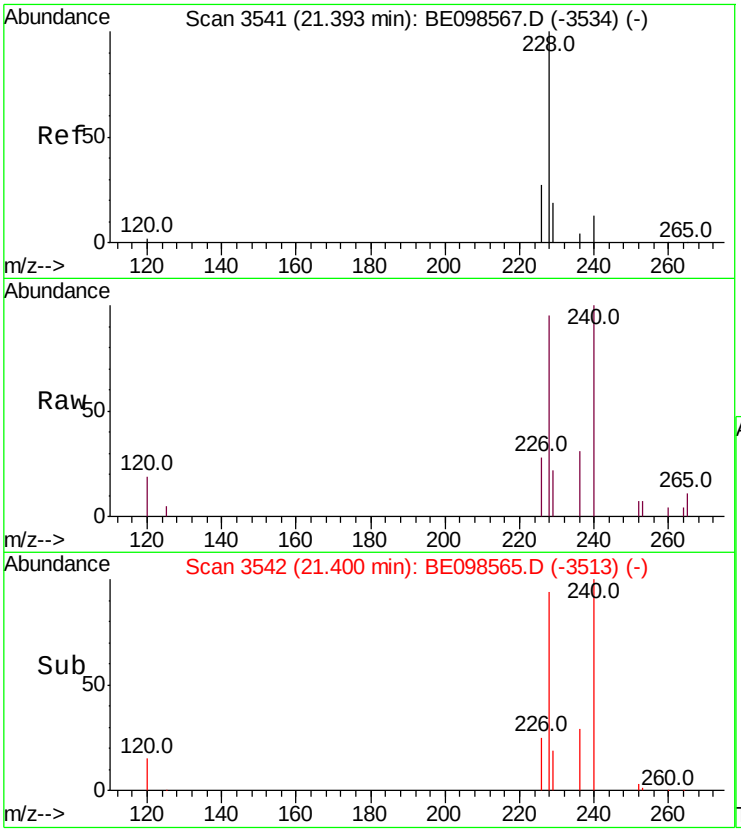


#17
Pyrene
Concen: 0.129 ng/ul
RT: 19.66 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Tgt Ion:202 Resp: 2200

Ion	Ratio	Lower	Upper
202	100		
101	13.9	6.9	10.3#
100	12.3	6.0	9.0#



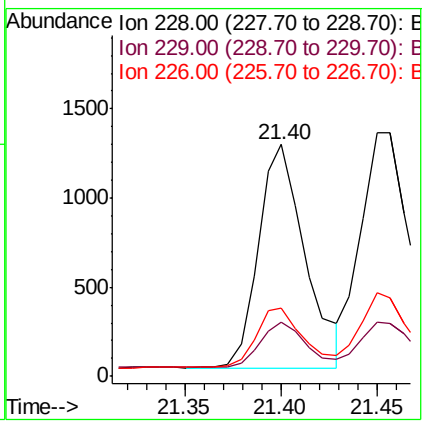


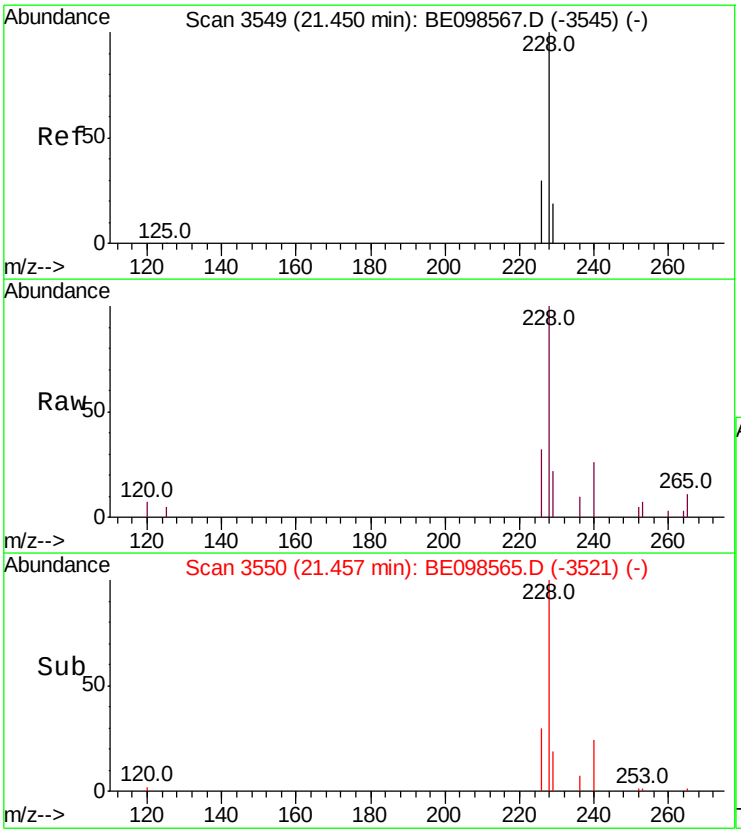
#18
Benzo(a)anthracene
Concen: 0.098 ng/ul
RT: 21.40 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2099

Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.1	24.1
226	29.6	22.2	33.4

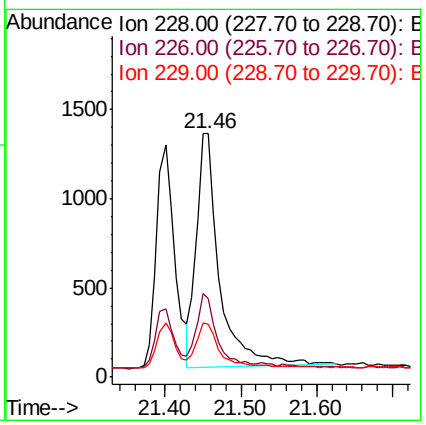


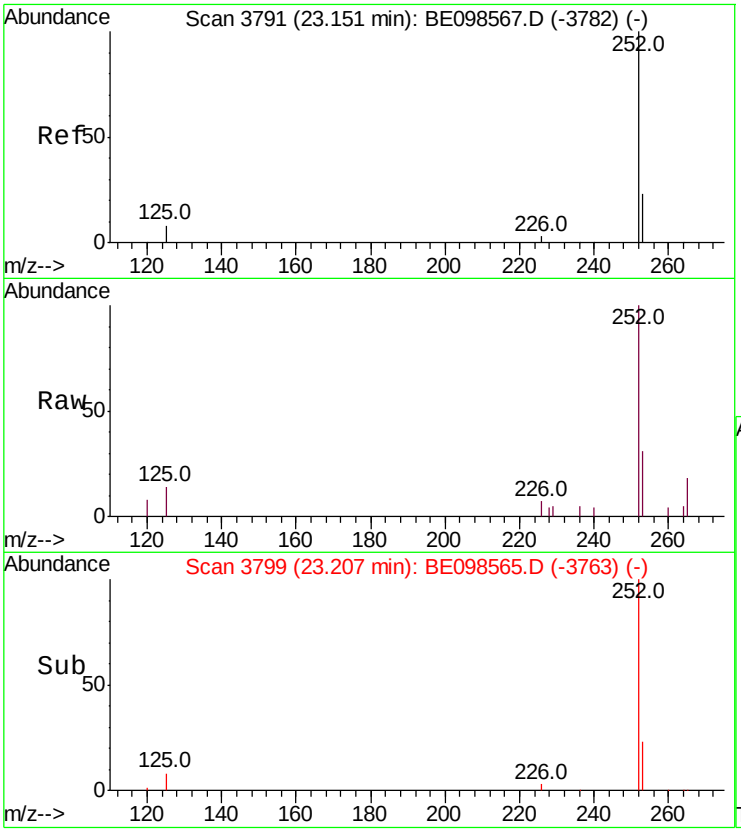


#19
Chrysene
Concen: 0.167 ng/ul
RT: 21.46 min Scan# 3550
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Tgt Ion:228 Resp: 2769

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.6	37.0
229	21.5	16.4	24.6



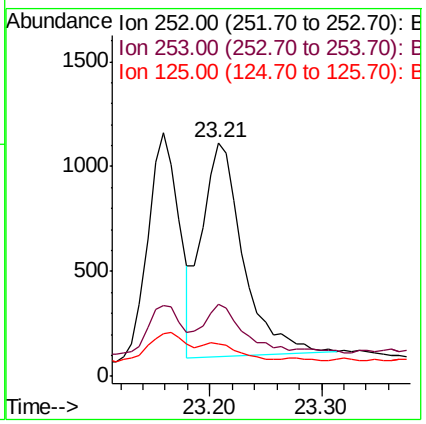


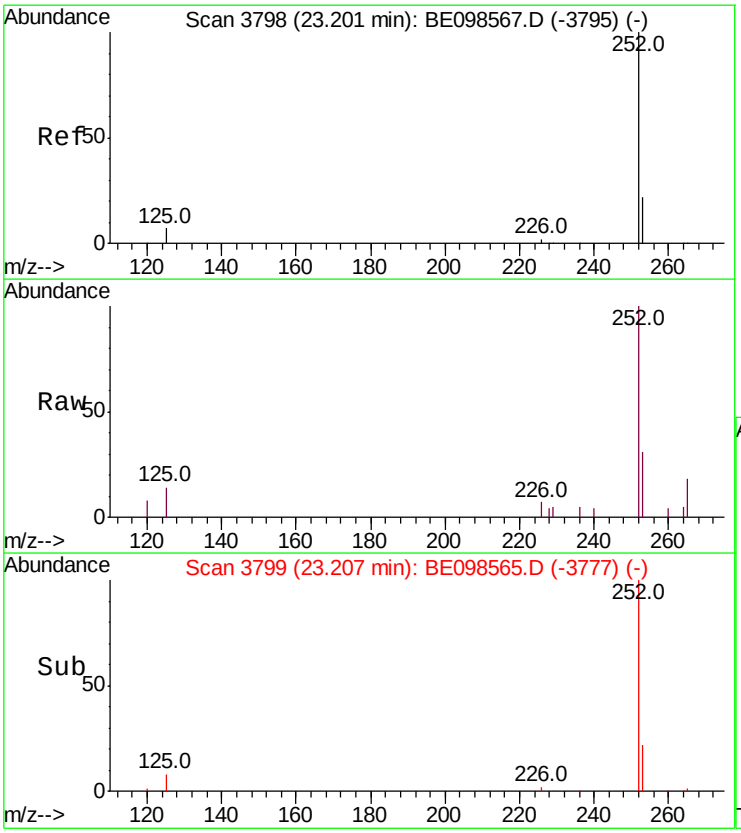
#21
Benzo(b)fluoranthene
Concen: 0.127 ng/ul
RT: 23.21 min Scan# 3799
Delta R.T. 0.06 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2636

Ion	Ratio	Lower	Upper
252	100		
253	30.7	0.0	47.8
125	13.8	0.0	16.8

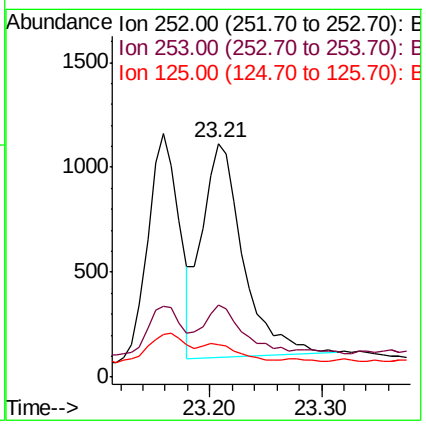


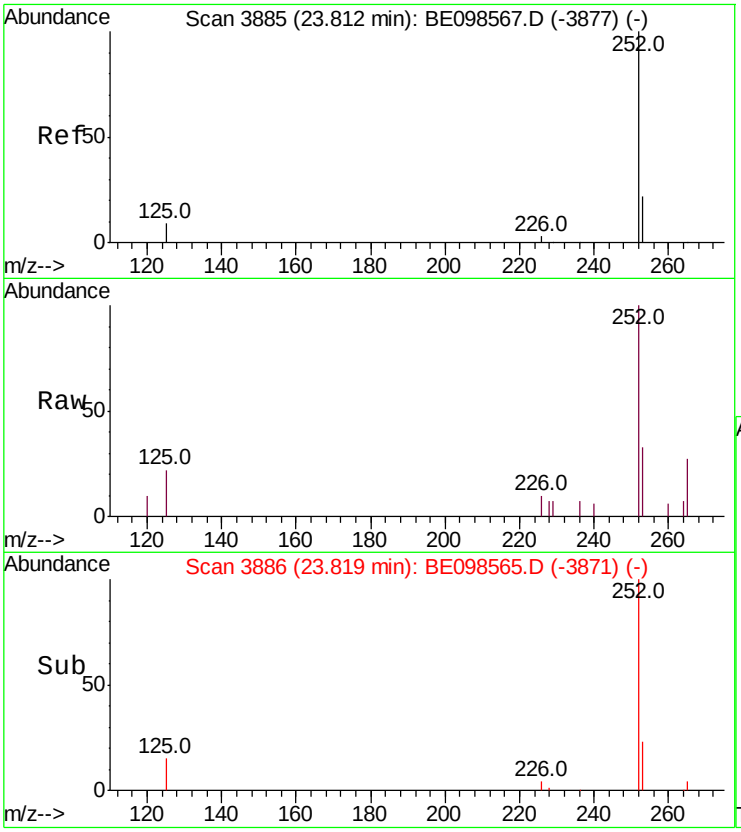


#22
Benzo(k)fluoranthene
Concen: 0.130 ng/ul
RT: 23.21 min Scan# 3799
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Tgt Ion:252 Resp: 2636

Ion	Ratio	Lower	Upper
252	100		
253	30.7	19.3	28.9#
125	13.8	6.2	9.2#



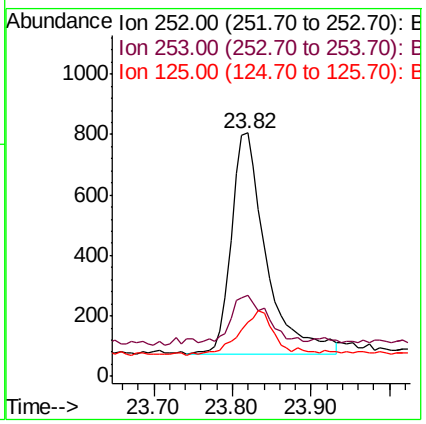


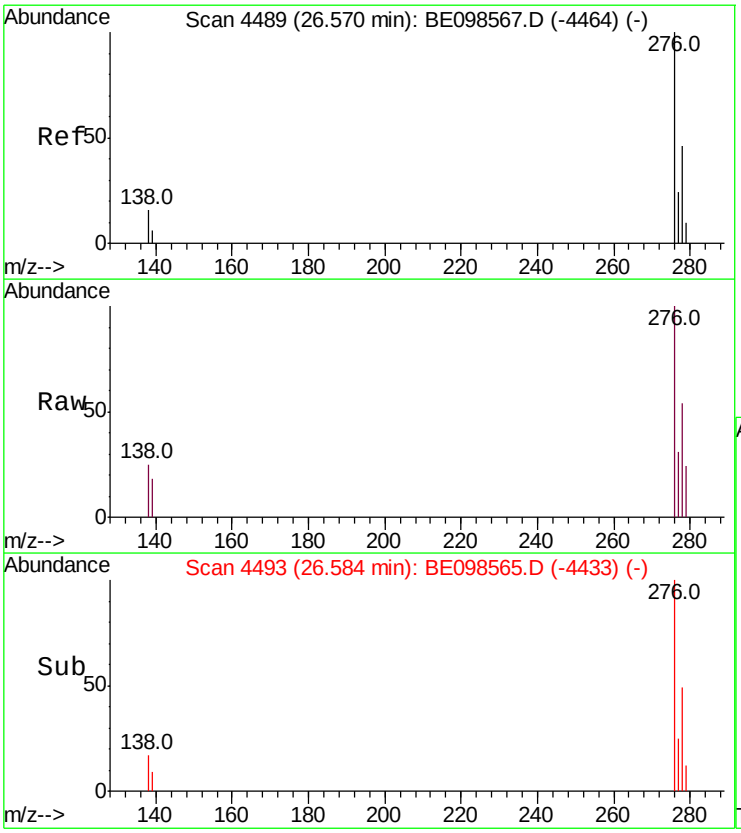
#23
Benzo(a)pyrene
Concen: 0.113 ng/ul
RT: 23.82 min Scan# 3886
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2257

Ion	Ratio	Lower	Upper
252	100		
253	33.5	19.4	29.2#
125	22.2	7.8	11.8#

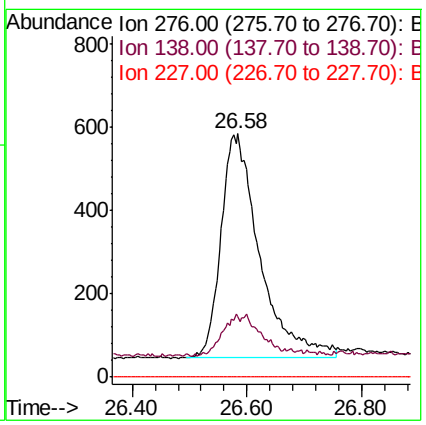


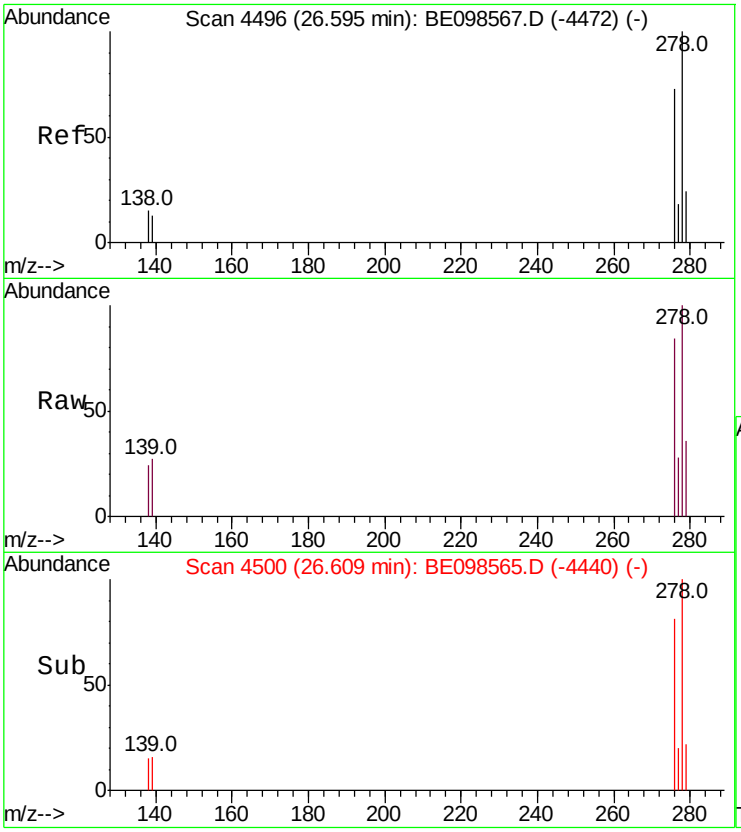


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.110 ng/ul
RT: 26.58 min Scan# 4493
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Tgt Ion:276 Resp: 2507

Ion	Ratio	Lower	Upper
276	100		
138	17.4	11.8	17.8
227	0.0	0.0	0.0



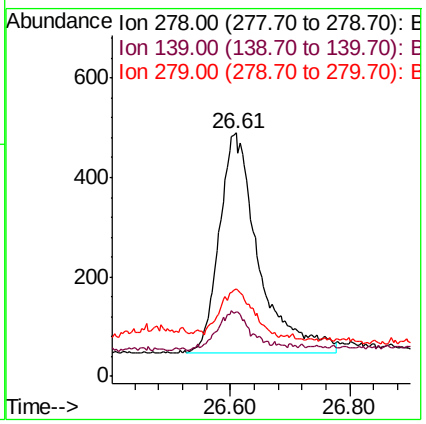


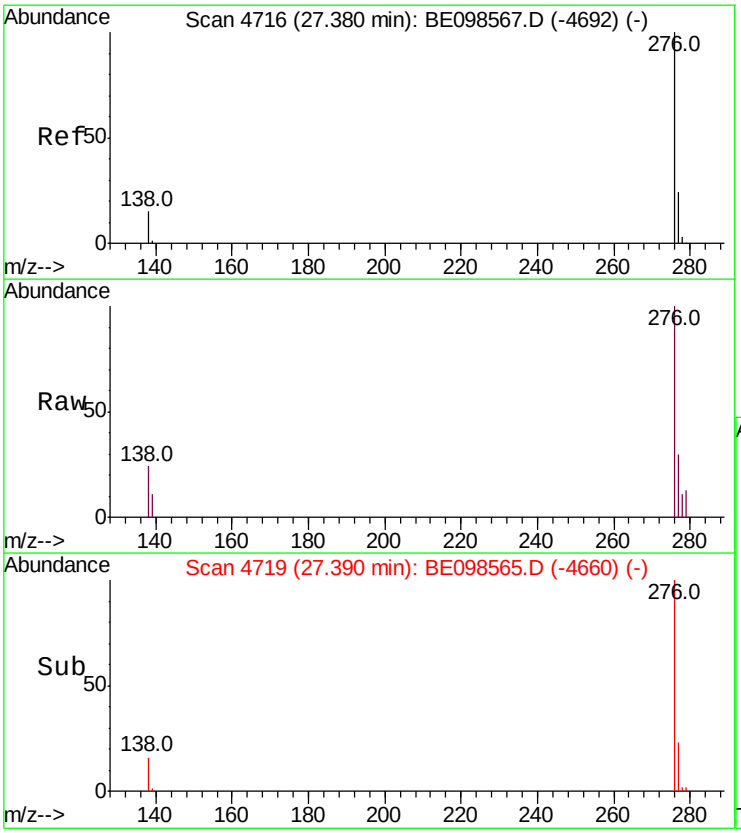
#25
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 26.61 min Scan# 4500
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 2010

Ion	Ratio	Lower	Upper
278	100		
139	26.5	10.0	15.0#
279	35.7	20.3	30.5#





#26
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 27.39 min Scan# 4719
Delta R.T. 0.01 min
Lab File: BE098565.D
Acq: 28 Dec 2018 9:22

Tgt Ion:276 Resp: 2172

Ion	Ratio	Lower	Upper
276	100		
138	23.9	11.6	17.4#
277	29.8	20.8	31.2