Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097294.D
Acq On : 17 Aug 2018 12:54
Operator : SJ/JU
Sample : SSTD1.605
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTD1.605

Quant Time: Aug 17 13:32:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 12:19:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	913	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	4679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2525	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	5601	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	5526	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	4276	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	12424	1.65	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	27031	1.40	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	18543	1.637	ng/ul#	91
5) 2-Methylnaphthalene	11.80	142	12619	1.686	ng/ul	99
7) Acenaphthylene	13.73	152	18691	1.712	ng/ul	96
8) Acenaphthene	14.08	153	13556	1.717	ng/ul#	91
9) Fluorene	15.08	166	15238	1.679	ng/ul#	93
11) Pentachlorophenol	16.44	266	679	0.846	ng/ul	96
12) Phenanthrene	16.81	178	24589	1.722	ng/ul#	89
13) Anthracene	16.90	178	22621	1.698	ng/ul#	92
15) Fluoranthene	18.84	202	28118	1.490	ng/ul	84
17) Pyrene	19.20	202	25381	1.714	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	24281	1.538	ng/ul#	84
19) Chrysene	21.01	228	26289	1.616	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	22433	1.925	ng/ul	82
22) Benzo(k)fluoranthene	22.58	252	24151	1.922	ng/ul#	83
23) Benzo(a)pyrene	23.12	252	19781	1.696	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.52	276	23577	1.615	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.53	278	19687	1.648	ng/ul#	85
26) Benzo(g,h,i)perylene	26.21	276	18767	1.488	ng/ul#	91

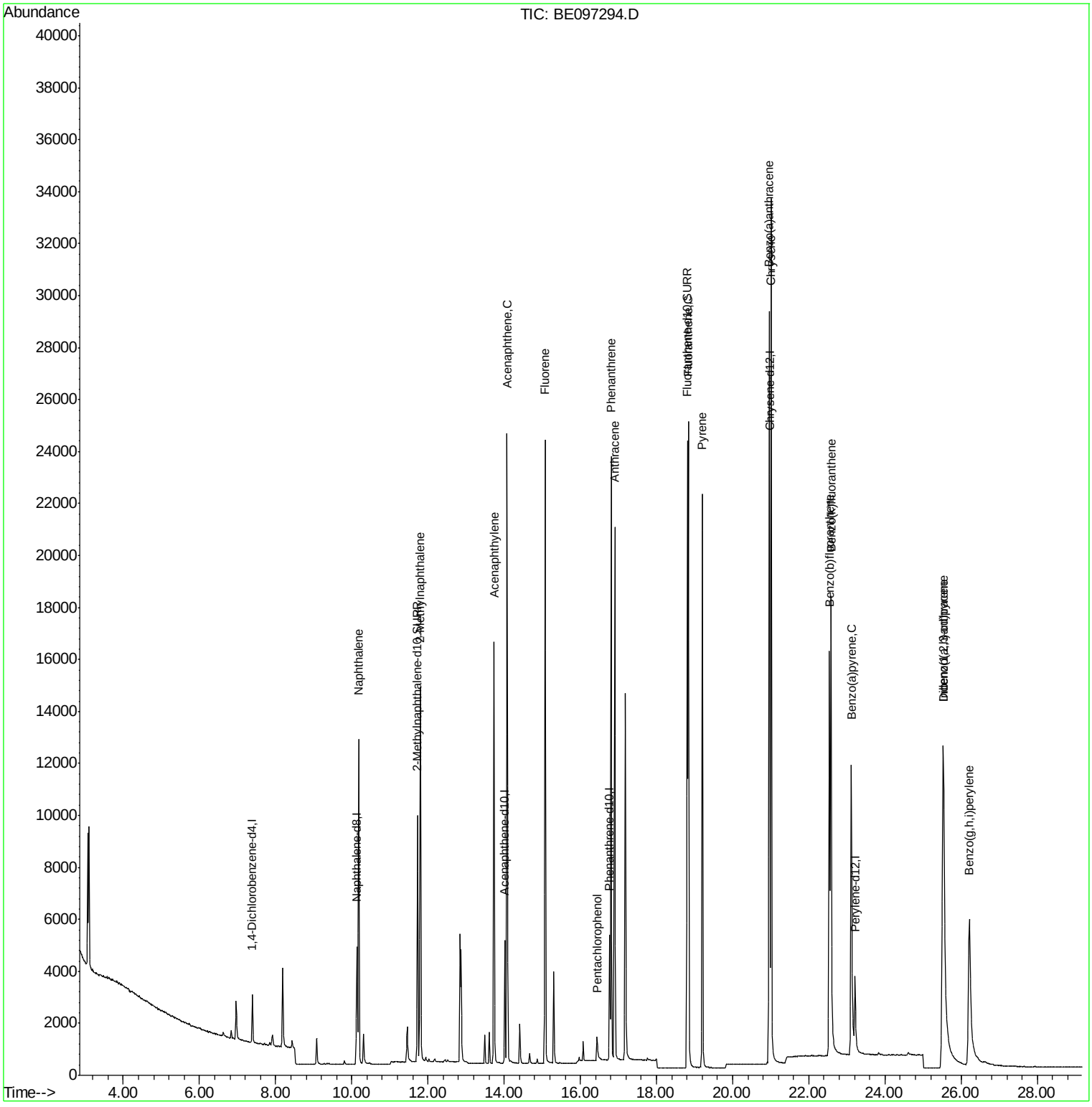
(#) = qualifier out of range (m) = manual integration (+) = signals summed

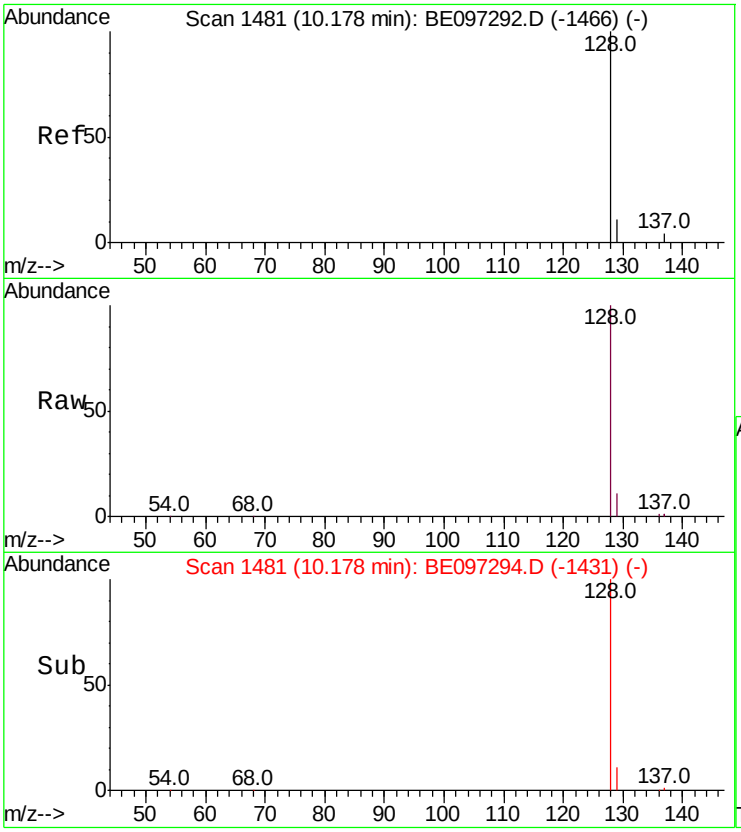
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097294.D
Acq On : 17 Aug 2018 12:54
Operator : SJ/JU
Sample : SSTD1.605
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTD1.605

Quant Time: Aug 17 13:32:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 12:19:40 2018
Response via : Initial Calibration



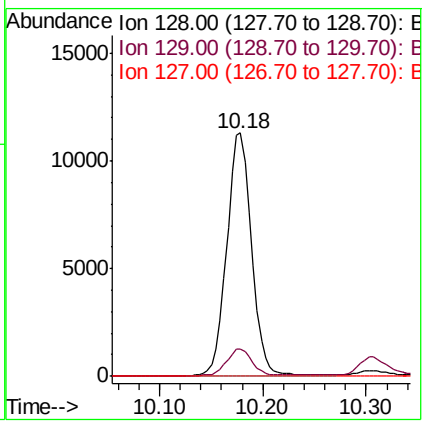


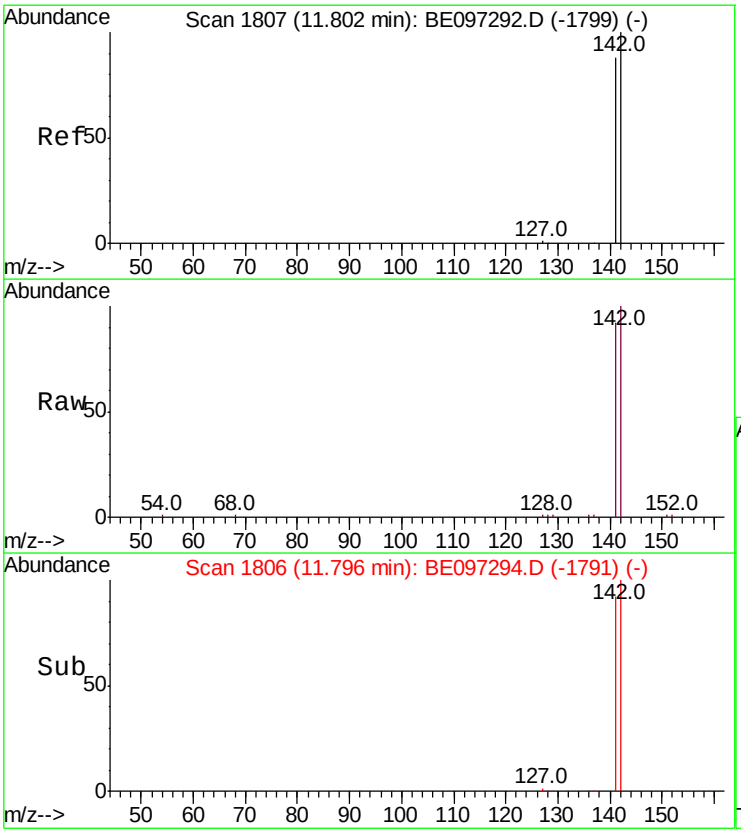
#3
Naphthalene
Concen: 1.637 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Instrument :
BNA_E
ClientSampleId :
SSTD1.605

Tgt Ion:128 Resp: 18543

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.3	16.9#
127	0.0	4.0	6.0#

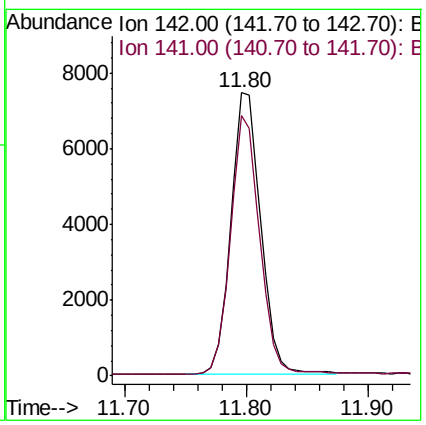


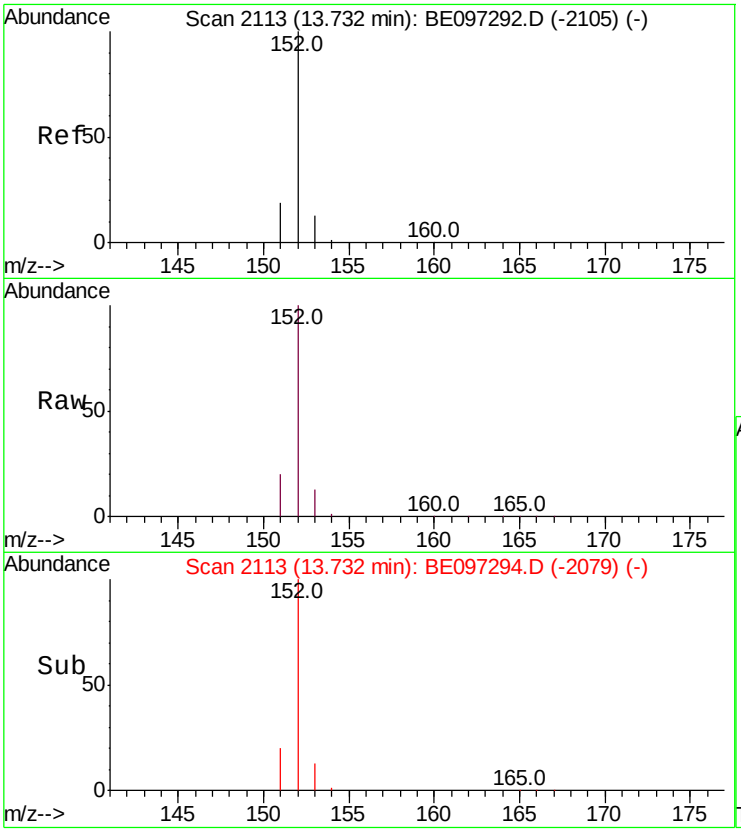


#5
2-Methylnaphthalene
Concen: 1.686 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Tgt Ion:142 Resp: 12619

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8



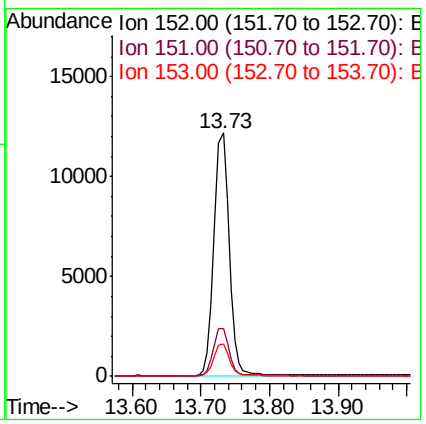


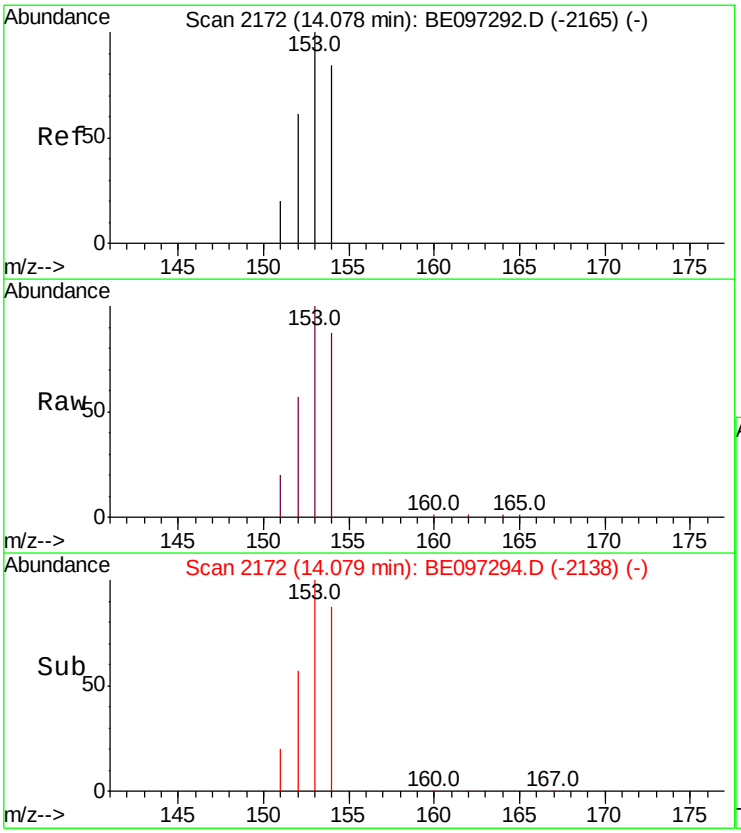
#7
Acenaphthylene
Concen: 1.712 ng/ul
RT: 13.73 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Instrument :
BNA_E
ClientSampleId :
SSTD1.605

Tgt Ion:152 Resp: 18691

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.1	25.7
153	13.5	12.8	19.2

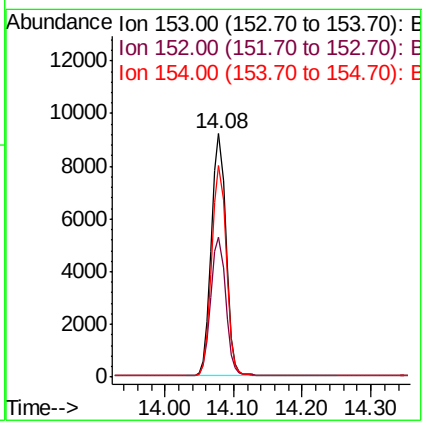


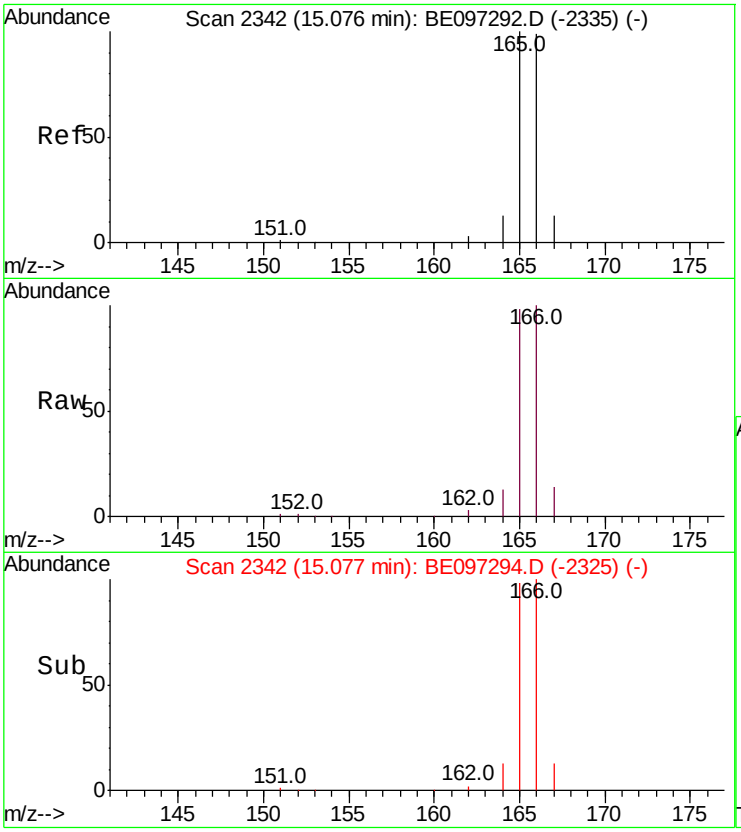


#8
Acenaphthene
Concen: 1.717 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Tgt Ion:153 Resp: 13556

Ion	Ratio	Lower	Upper
153	100		
152	57.5	36.0	54.0#
154	86.7	72.0	108.0



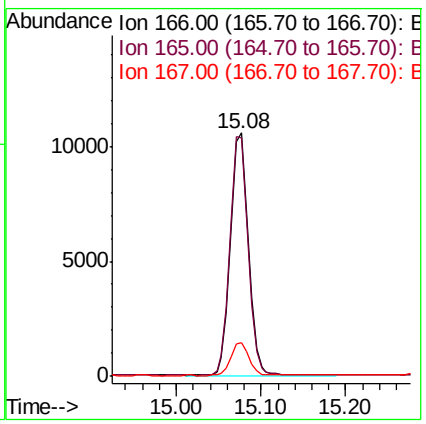


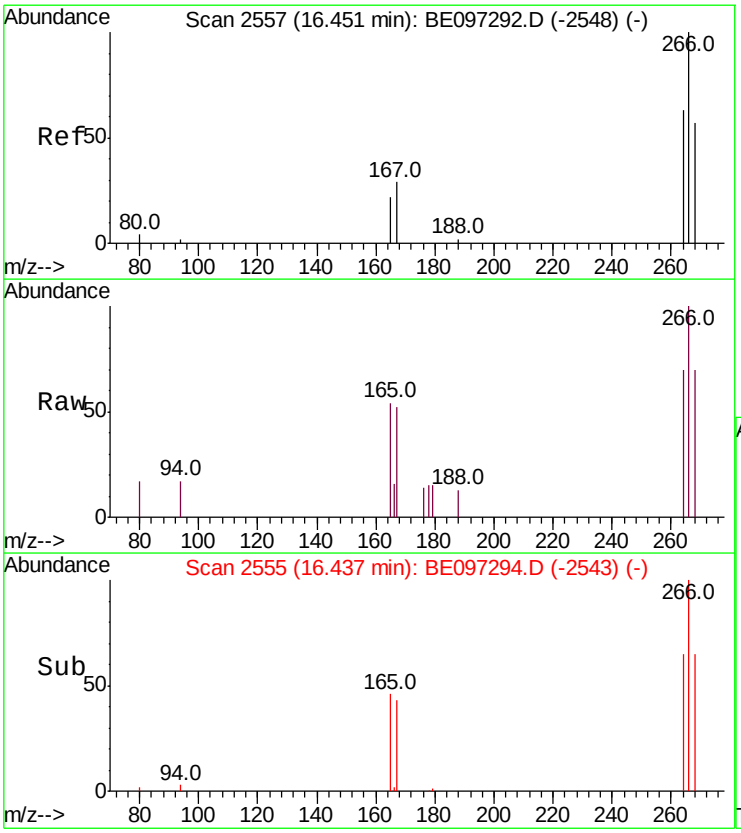
#9
Fluorene
Concen: 1.679 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Instrument :
BNA_E
ClientSampleId :
SSTD1.605

Tgt Ion:166 Resp: 15238

Ion	Ratio	Lower	Upper
166	100		
165	97.8	73.4	110.2
167	13.8	14.6	22.0#

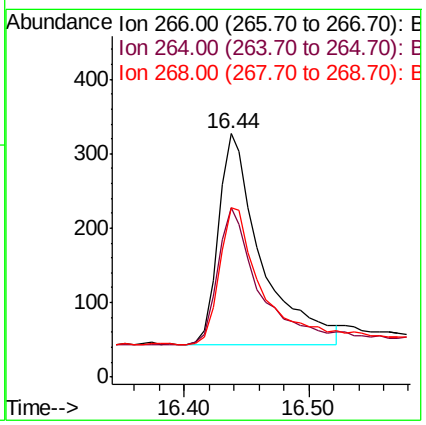


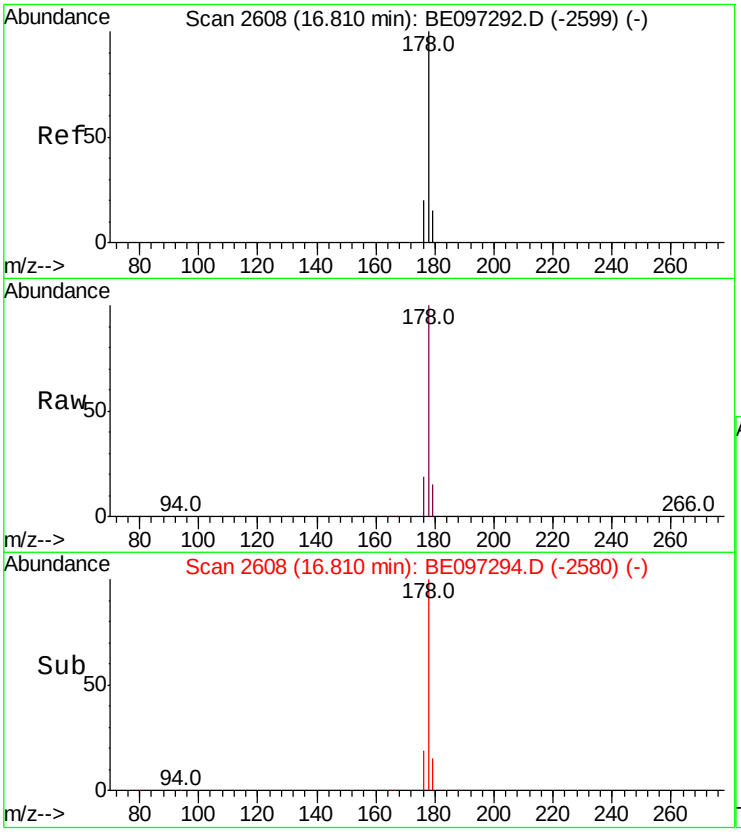


#11
Pentachlorophenol
Concen: 0.846 ng/ul
RT: 16.44 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Tgt Ion:266 Resp: 679

Ion	Ratio	Lower	Upper
266	100		
264	63.6	47.9	71.9
268	64.1	49.8	74.8



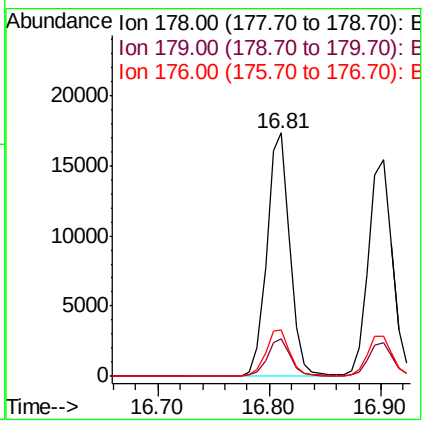


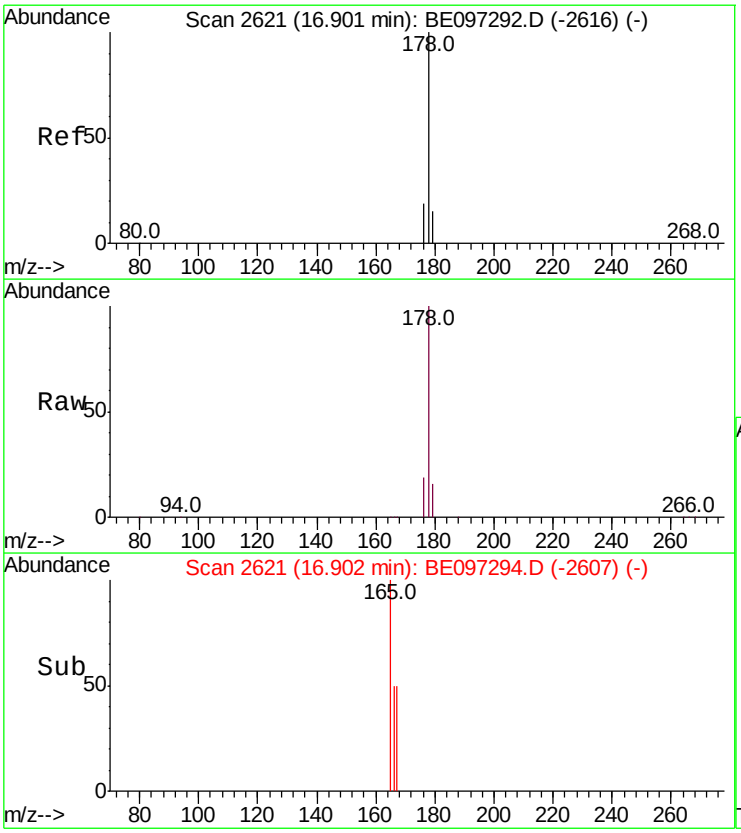
#12
Phenanthrene
Concen: 1.722 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Instrument :
BNA_E
ClientSampleId :
SSTD1.605

Tgt Ion:178 Resp: 24589

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.2	13.6	20.4

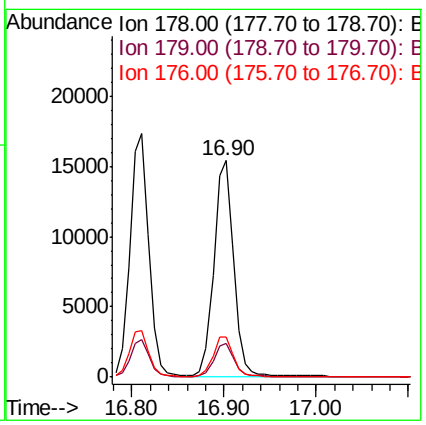


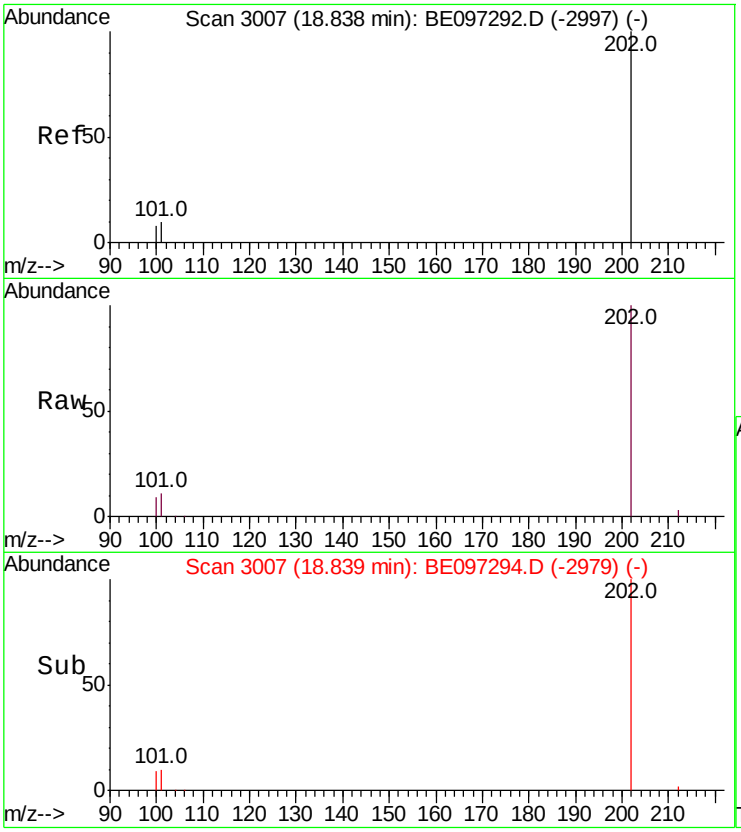


#13
Anthracene
Concen: 1.698 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Tgt Ion:178 Resp: 22621

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.1	27.1#
176	18.8	14.7	22.1



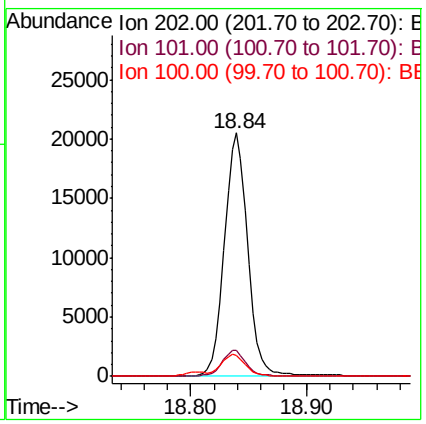


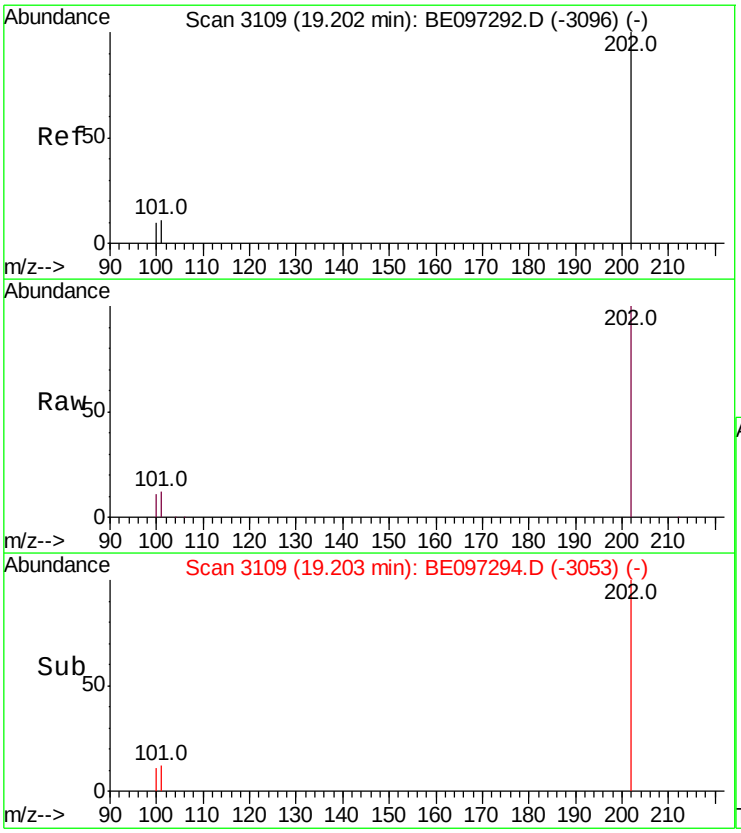
#15
Fluoranthene
Concen: 1.490 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Instrument :
BNA_E
ClientSampleId :
SSTD1.605

Tgt Ion:202 Resp: 28118

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.7	0.0	39.5

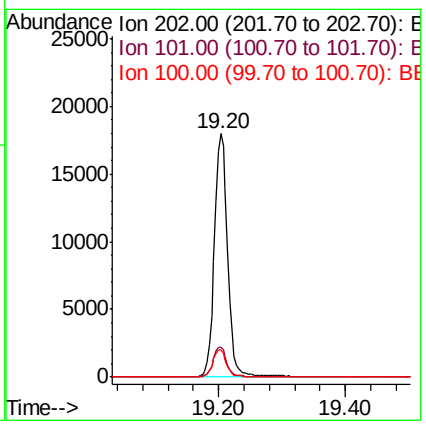


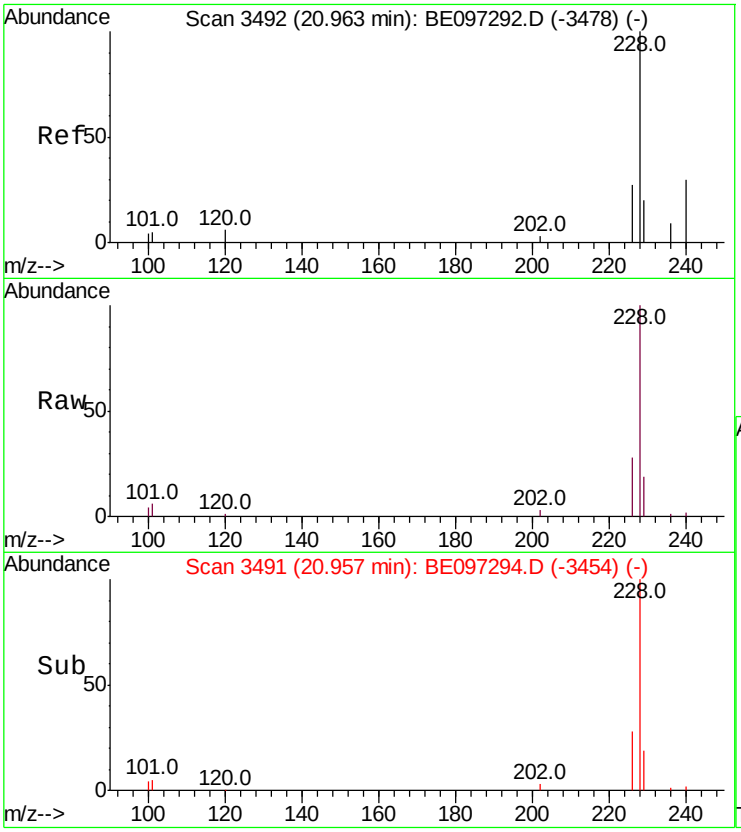


#17
Pyrene
Concen: 1.714 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Tgt Ion:202 Resp: 25381

Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	11.1	15.6	23.4#



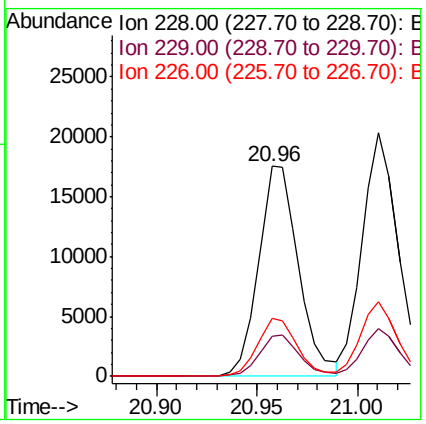


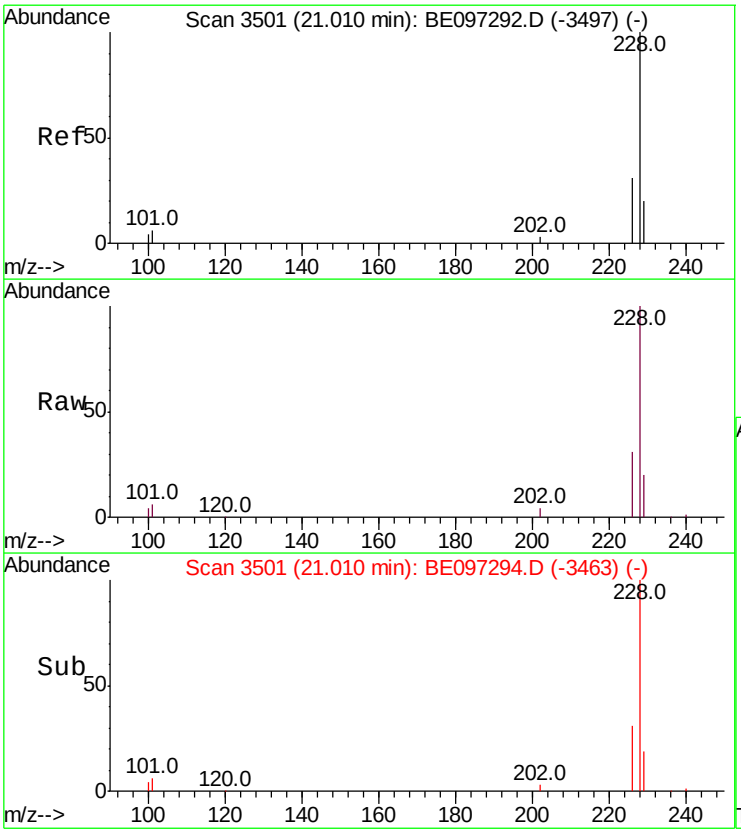
#18
Benzo(a)anthracene
Concen: 1.538 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Instrument :
BNA_E
ClientSampleId :
SSTD1.605

Tgt Ion:228 Resp: 24281

Ion	Ratio	Lower	Upper
228	100		
229	19.4	22.8	34.2#
226	27.7	17.0	25.6#

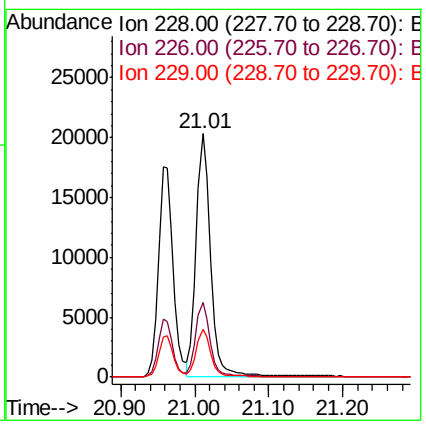


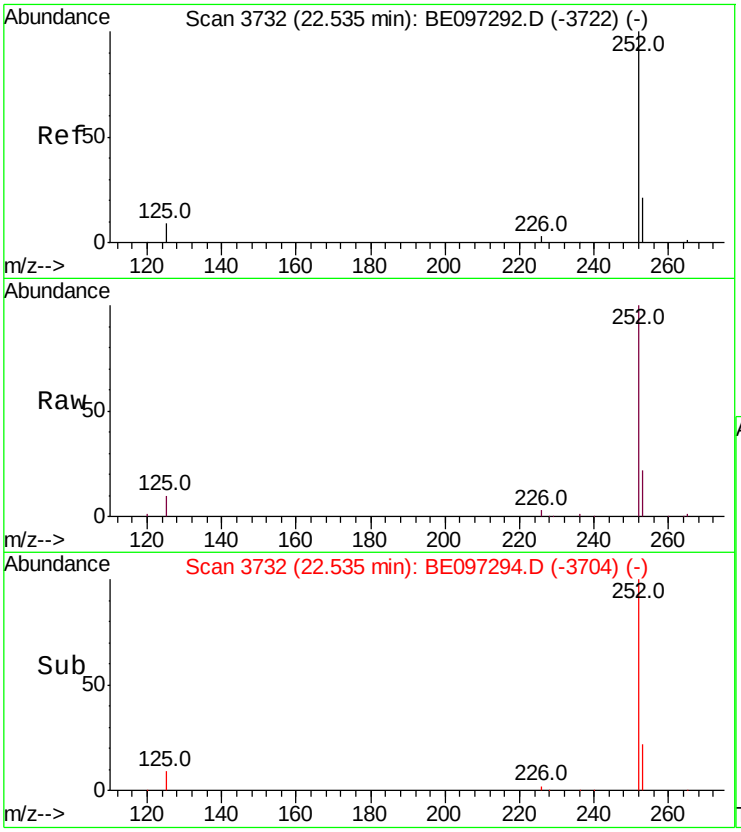


#19
Chrysene
Concen: 1.616 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Tgt Ion:228 Resp: 26289

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	19.6	17.7	26.5



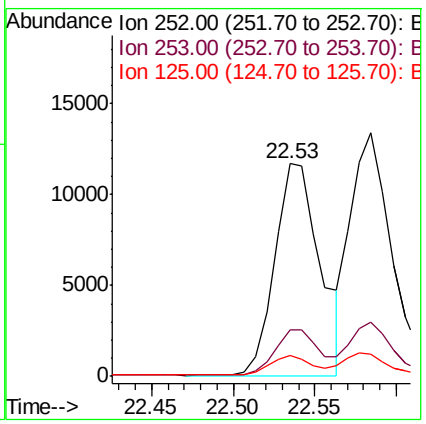


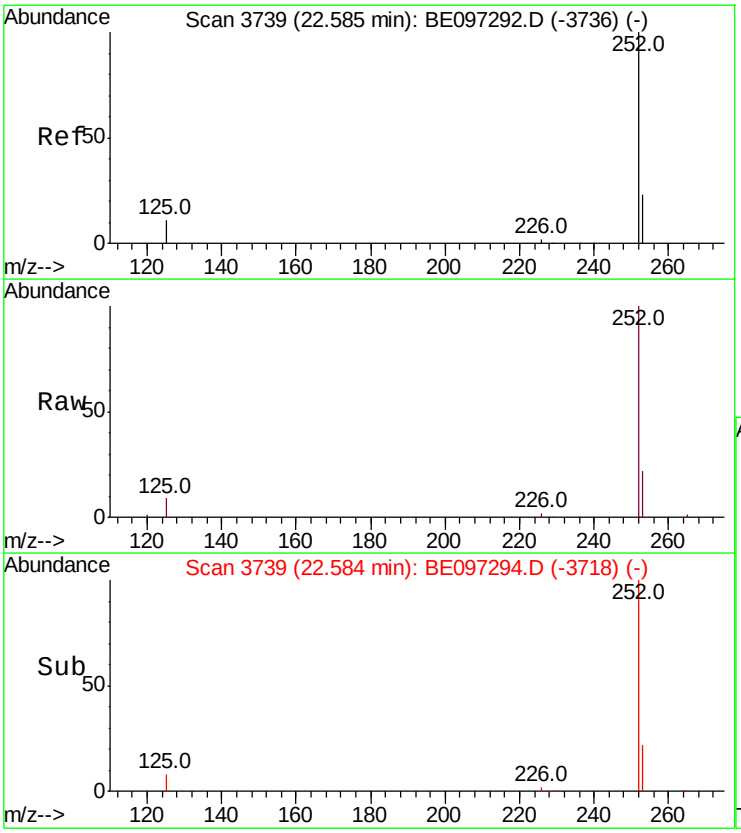
#21
Benzo(b)fluoranthene
Concen: 1.925 ng/ul
RT: 22.53 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Instrument :
BNA_E
ClientSampleId :
SSTD1.605

Tgt Ion:252 Resp: 22433

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	64.2
125	10.0	0.0	35.0

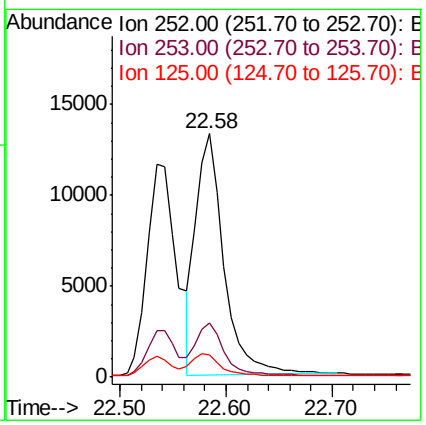


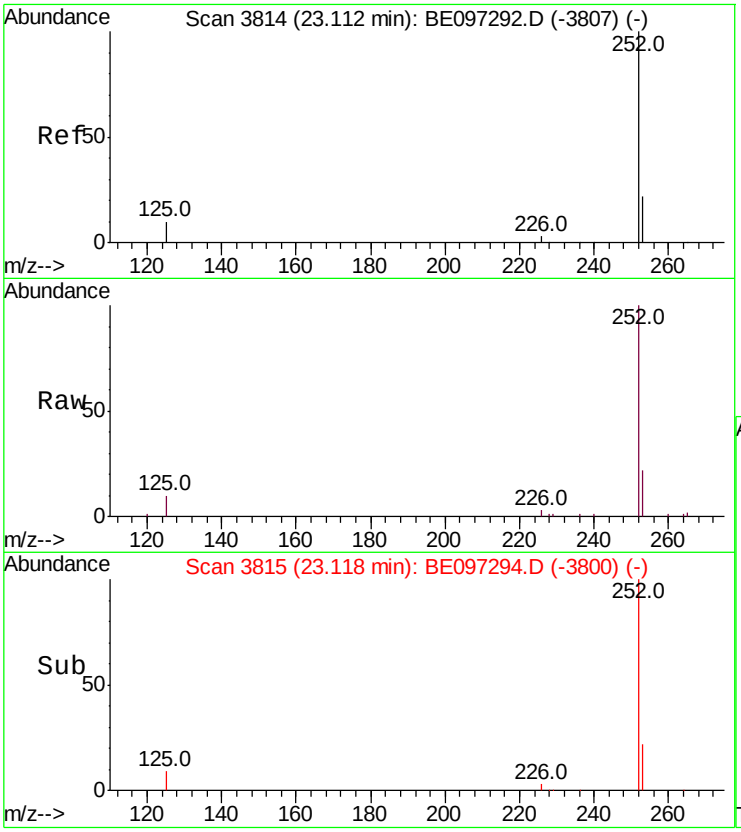


#22
Benzo(k)fluoranthene
Concen: 1.922 ng/ul
RT: 22.58 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Tgt Ion:252 Resp: 24151

Ion	Ratio	Lower	Upper
252	100		
253	22.1	24.5	36.7#
125	8.9	13.7	20.5#



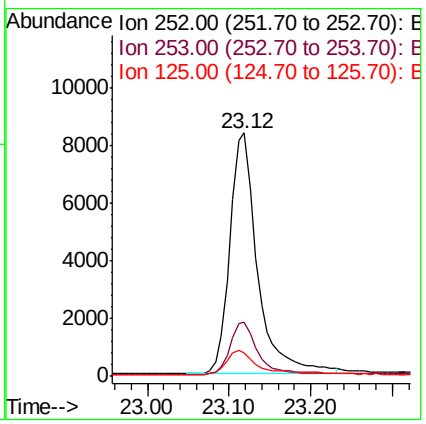


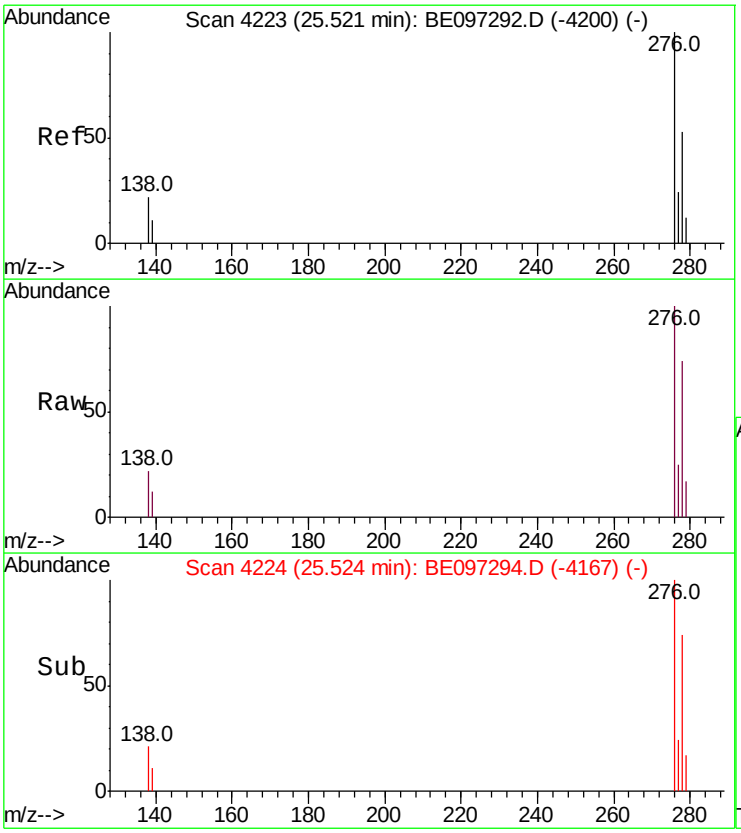
#23
Benzo(a)pyrene
Concen: 1.696 ng/ul
RT: 23.12 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Instrument :
BNA_E
ClientSampleId :
SSTD1.605

Tgt Ion:252 Resp: 19781

Ion	Ratio	Lower	Upper
252	100		
253	22.4	28.5	42.7#
125	9.7	18.1	27.1#

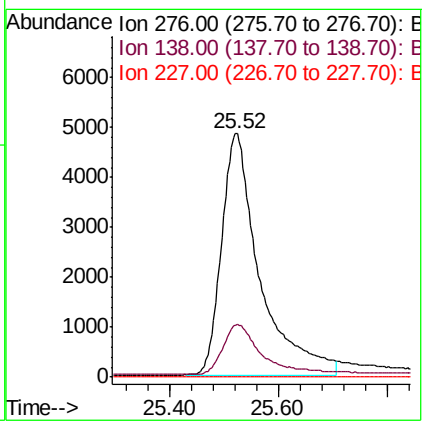


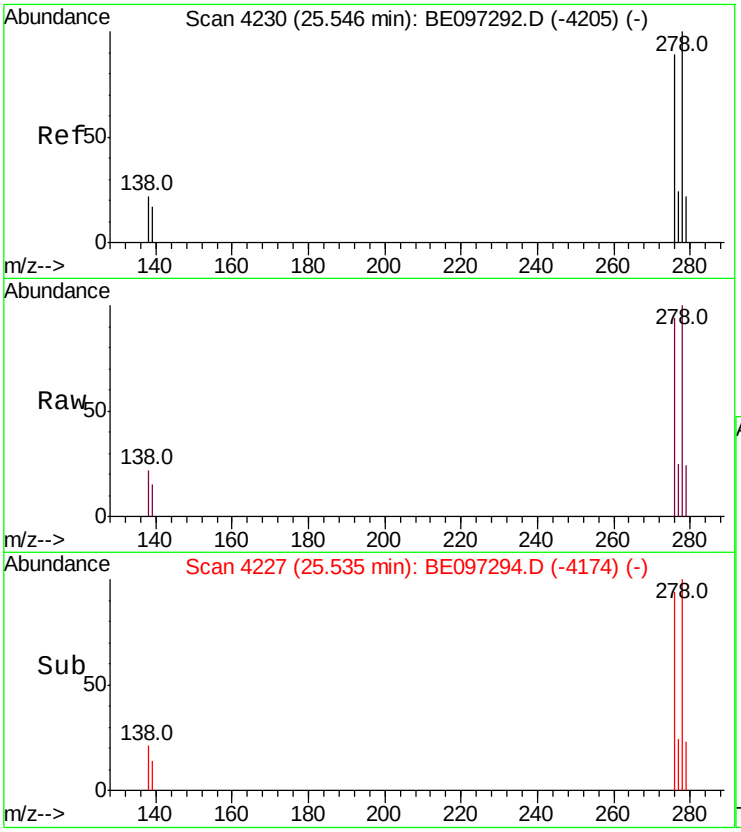


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.615 ng/ul
RT: 25.52 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Tgt Ion:276 Resp: 23577

Ion	Ratio	Lower	Upper
276	100		
138	21.3	28.0	42.0#
227	0.0	8.0	12.0#



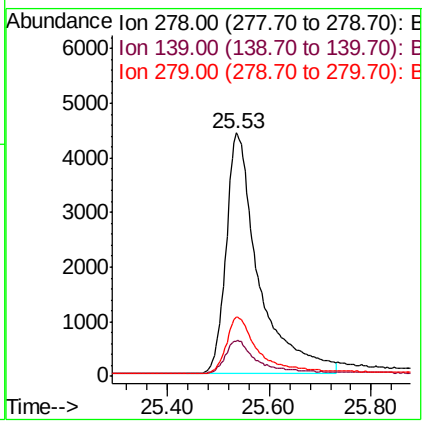


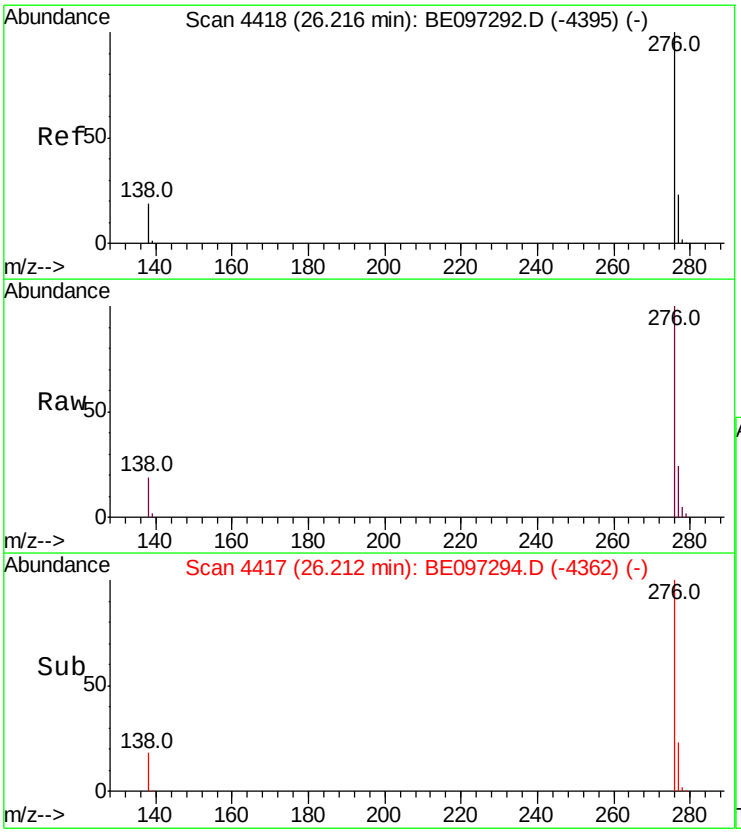
#25
Dibenzo(a,h)anthracene
Concen: 1.648 ng/ul
RT: 25.53 min Scan# 4227
Delta R.T. -0.01 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Instrument :
BNA_E
ClientSampleId :
SSTD1.605

Tgt Ion:278 Resp: 19687

Ion	Ratio	Lower	Upper
278	100		
139	14.6	17.4	26.0#
279	24.2	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 1.488 ng/ul
RT: 26.21 min Scan# 4417
Delta R.T. -0.00 min
Lab File: BE097294.D
Acq: 17 Aug 2018 12:54

Tgt Ion:276 Resp: 18767

Ion	Ratio	Lower	Upper
276	100		
138	19.3	21.8	32.8#
277	24.4	20.5	30.7