Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091418\
Data File : BE097487.D
Acq On : 14 Sep 2018 14:53
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 14 18:26:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	915	0.40	ng/ul	0.00
2) Naphthalene-d8	10.11	136	4475	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.00	164	2651	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	6976	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9096	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9415	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	2922	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	9633	0.42	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.16	128	4304	0.394	ng/ul#	93
5) 2-Methylnaphthalene	11.79	142	2879	0.418	ng/ul	97
7) Acenaphthylene	13.72	152	4359	0.451	ng/ul	98
8) Acenaphthene	14.07	153	3279	0.395	ng/ul	96
9) Fluorene	15.06	166	3856	0.405	ng/ul	92
11) Pentachlorophenol	16.47	266	115	0.167	ng/ul	92
12) Phenanthrene	16.80	178	7047	0.392	ng/ul#	90
13) Anthracene	16.89	178	6717	0.445	ng/ul#	91
15) Fluoranthene	18.83	202	9383	0.407	ng/ul	83
17) Pyrene	19.20	202	9700	0.396	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	10304	0.441	ng/ul#	85
19) Chrysene	21.00	228	10414	0.387	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	10416	0.413	ng/ul	85
22) Benzo(k)fluoranthene	22.57	252	10626	0.378	ng/ul#	91
23) Benzo(a)pyrene	23.10	252	10216	0.438	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.49	276	12968	0.429	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.51	278	10837	0.423	ng/ul#	91
26) Benzo(g,h,i)perylene	26.19	276	10836	0.420	ng/ul#	92

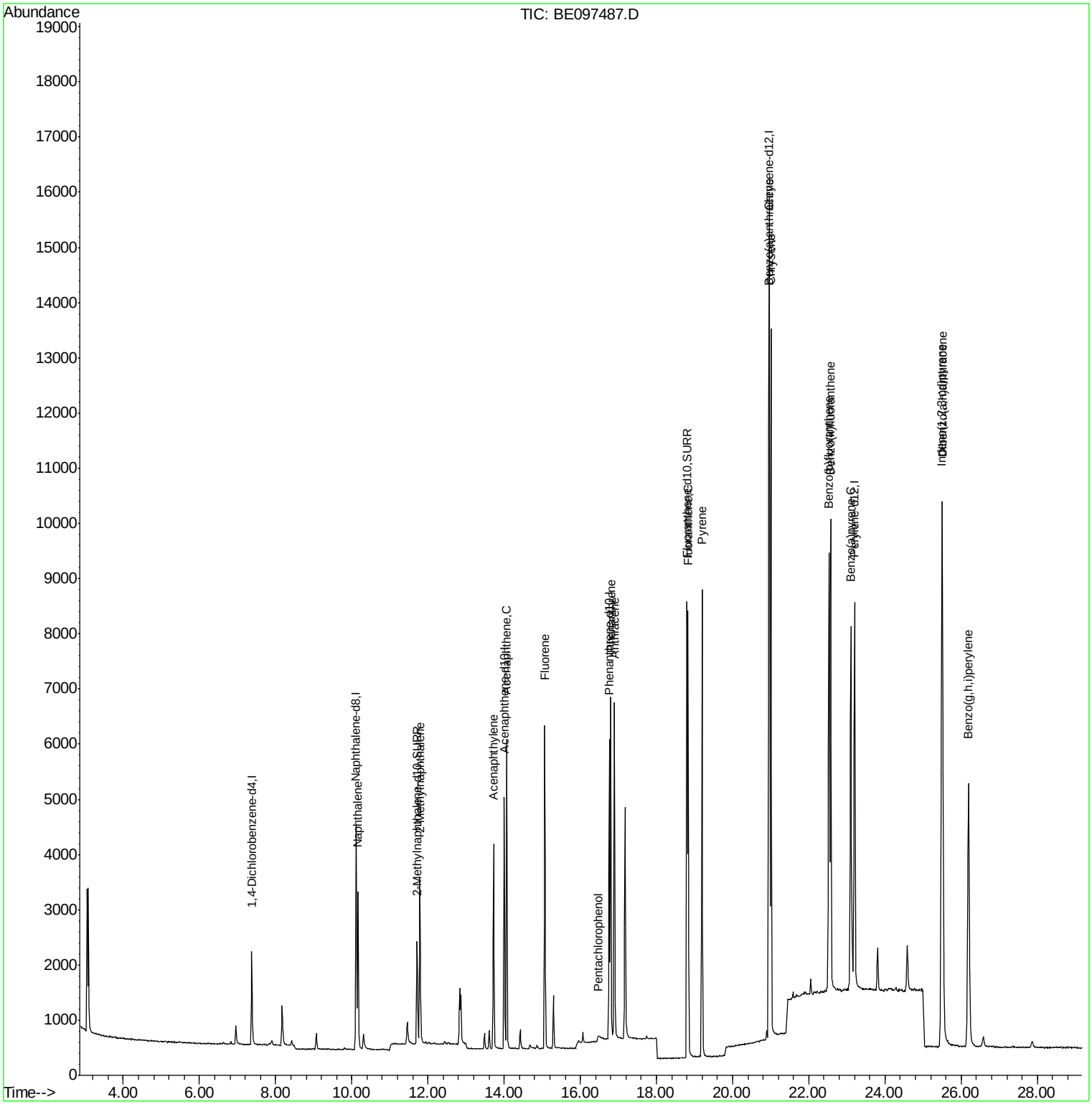
(#) = qualifier out of range (m) = manual integration (+) = signals summed

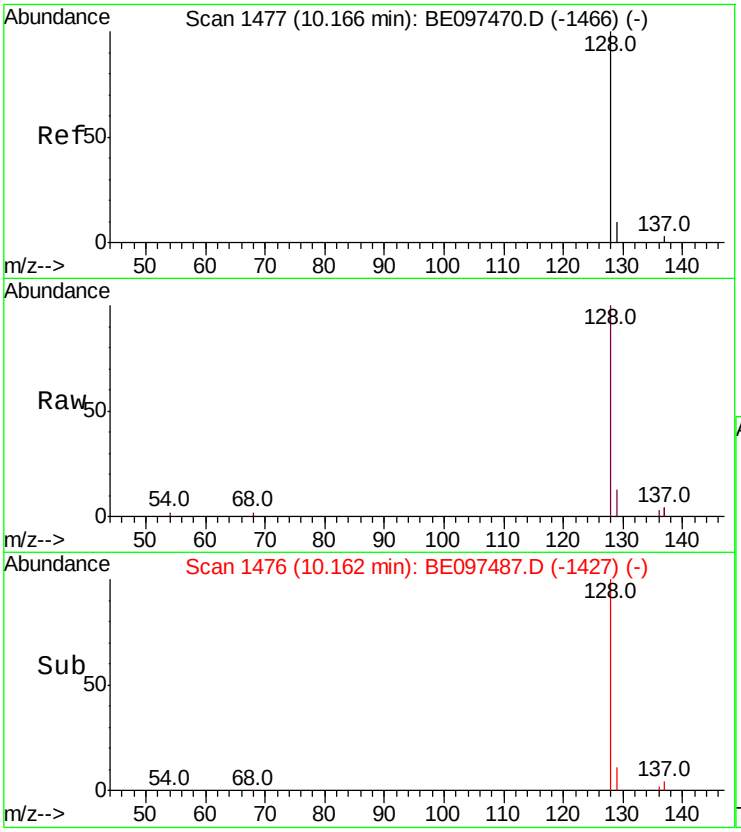
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091418\
Data File : BE097487.D
Acq On : 14 Sep 2018 14:53
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 14 18:26:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



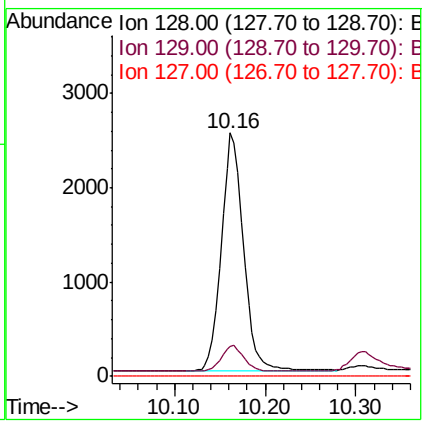


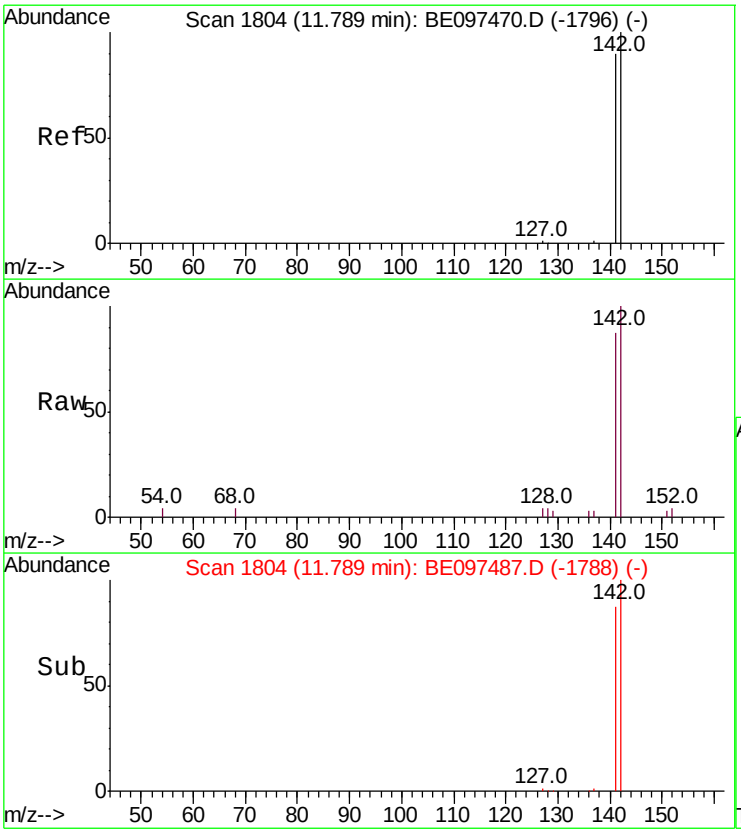
#3
Naphthalene
Concen: 0.394 ng/ul
RT: 10.16 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 4304

Ion	Ratio	Lower	Upper
128	100		
129	12.5	11.3	16.9
127	0.0	4.0	6.0#

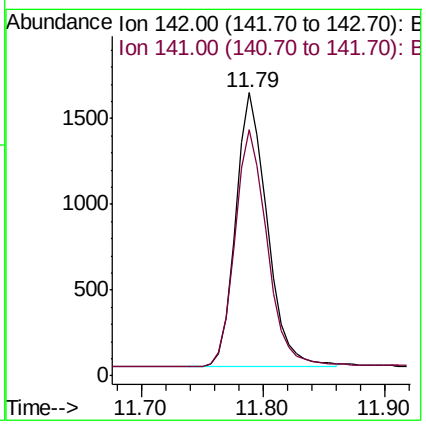


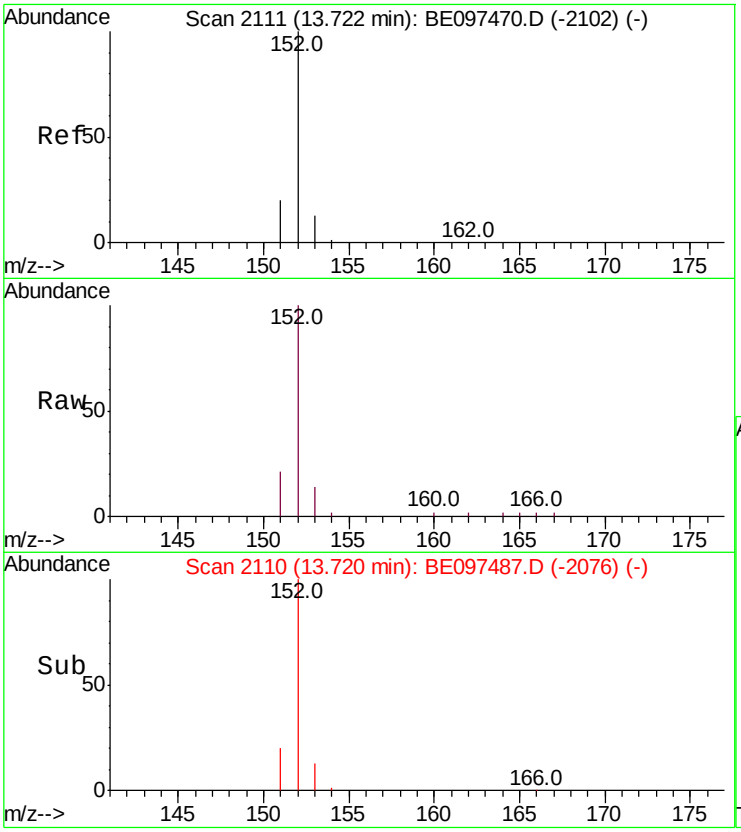


#5
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 11.79 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Tgt Ion:142 Resp: 2879

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	108.8



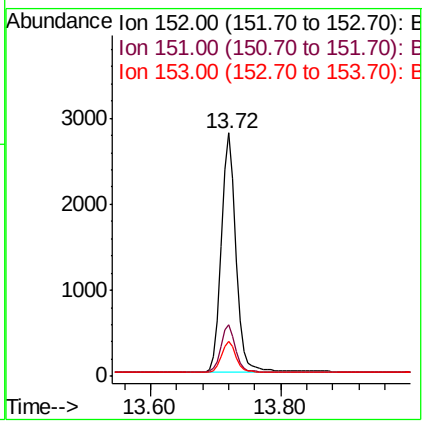


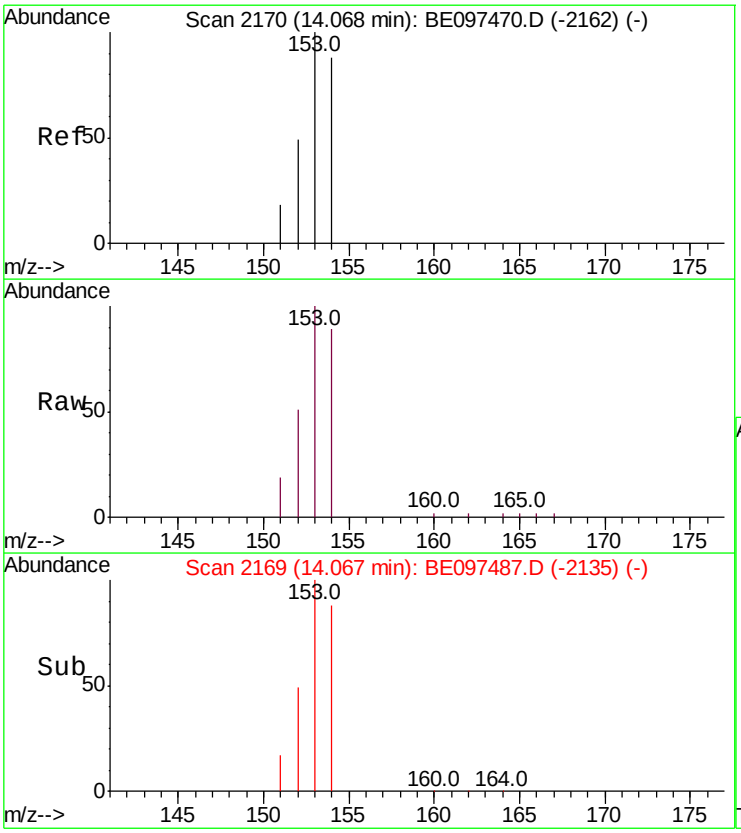
#7
Acenaphthylene
Concen: 0.451 ng/ul
RT: 13.72 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4359

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	14.2	12.8	19.2

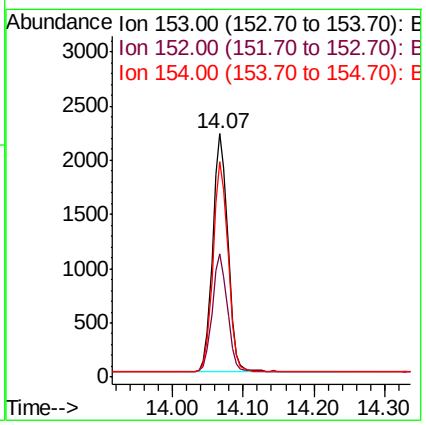


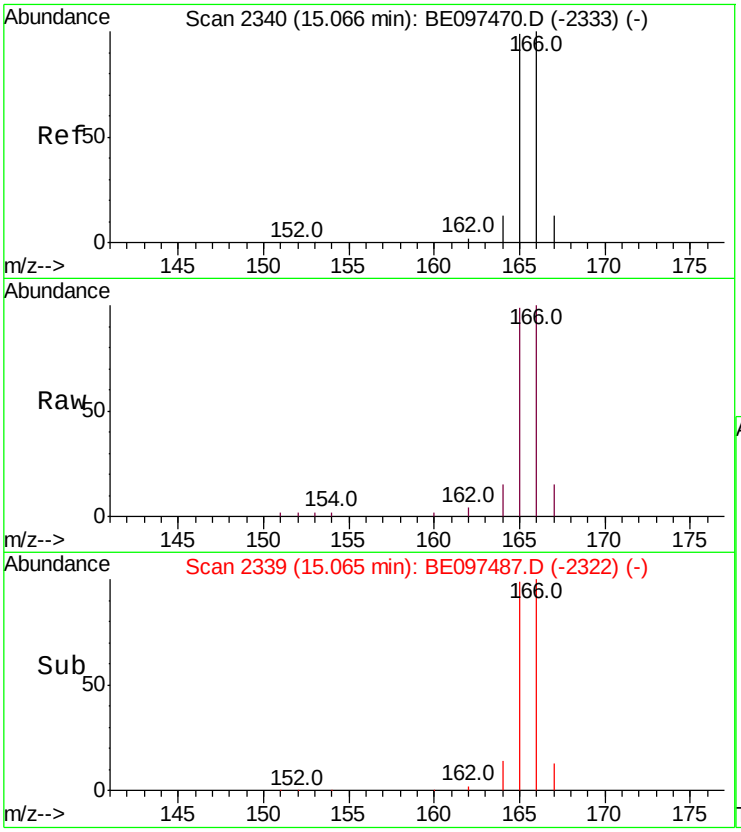


#8
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.07 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Tgt Ion:153 Resp: 3279

Ion	Ratio	Lower	Upper
153	100		
152	50.6	36.0	54.0
154	88.6	72.0	108.0



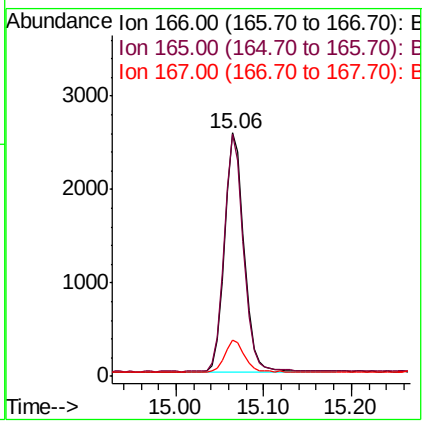


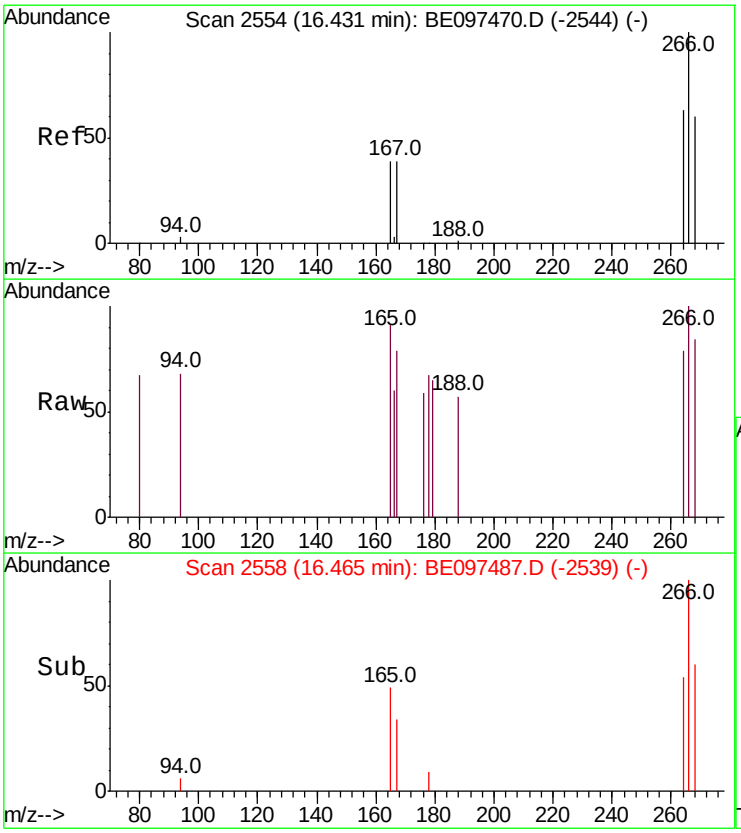
#9
Fluorene
Concen: 0.405 ng/ul
RT: 15.06 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 3856

Ion	Ratio	Lower	Upper
166	100		
165	99.3	73.4	110.2
167	15.0	14.6	22.0

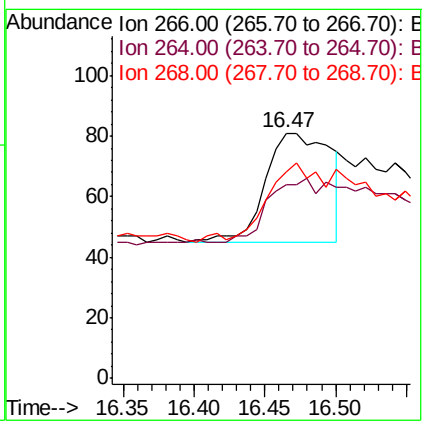


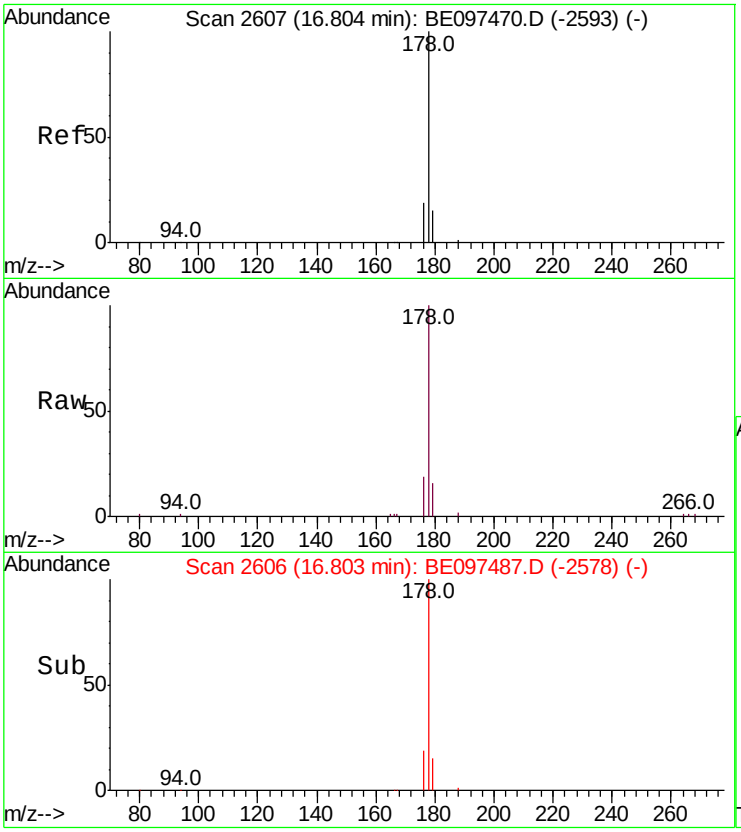


#11
Pentachlorophenol
Concen: 0.167 ng/ul
RT: 16.47 min Scan# 2558
Delta R.T. 0.03 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Tgt Ion:266 Resp: 115

Ion	Ratio	Lower	Upper
266	100		
264	55.7	47.9	71.9
268	54.8	49.8	74.8



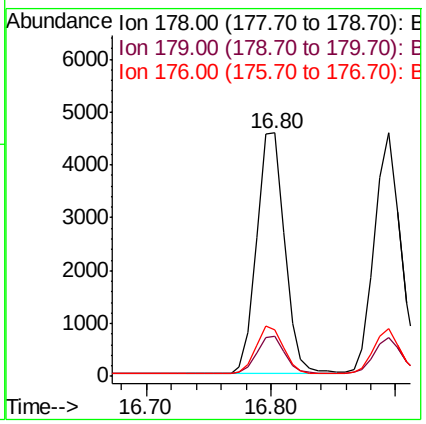


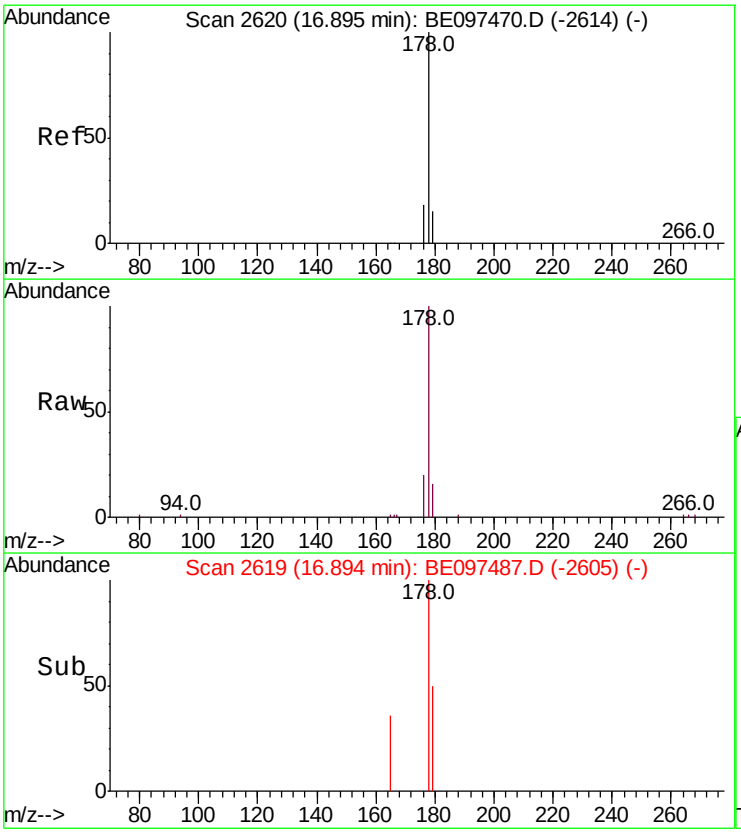
#12
Phenanthrene
Concen: 0.392 ng/ul
RT: 16.80 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7047

Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.4	27.6#
176	19.4	13.6	20.4

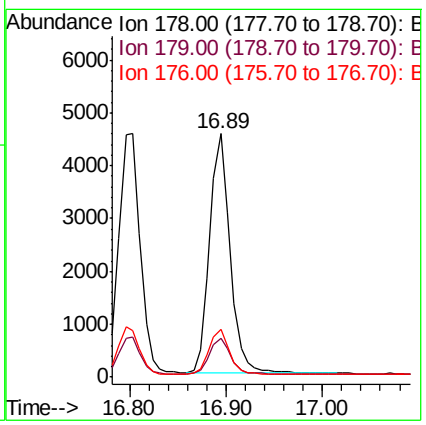


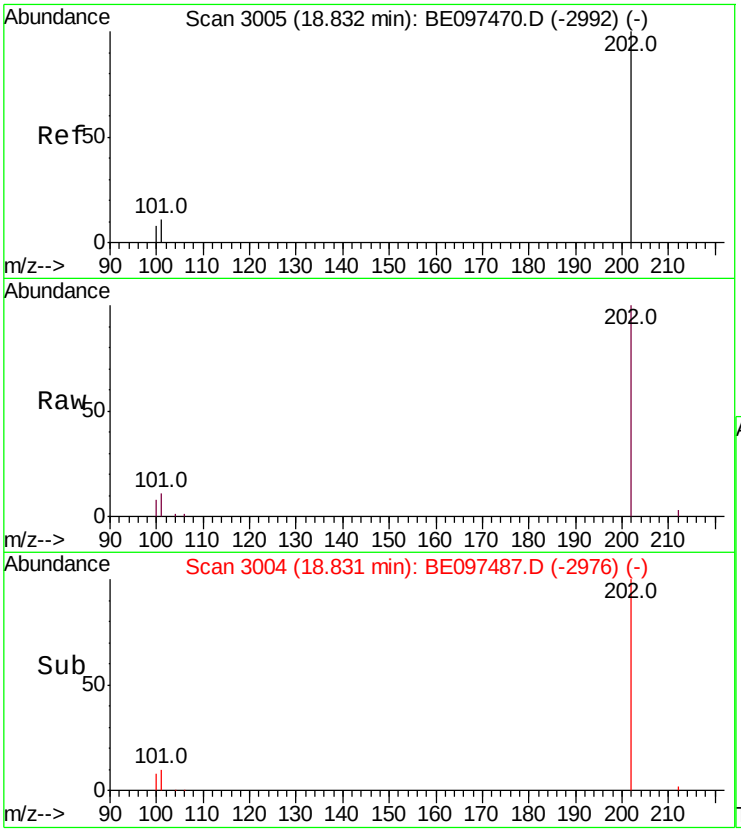


#13
Anthracene
Concen: 0.445 ng/ul
RT: 16.89 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Tgt Ion:178 Resp: 6717

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	19.6	14.7	22.1



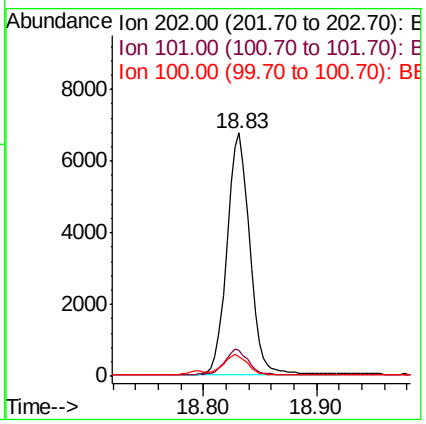


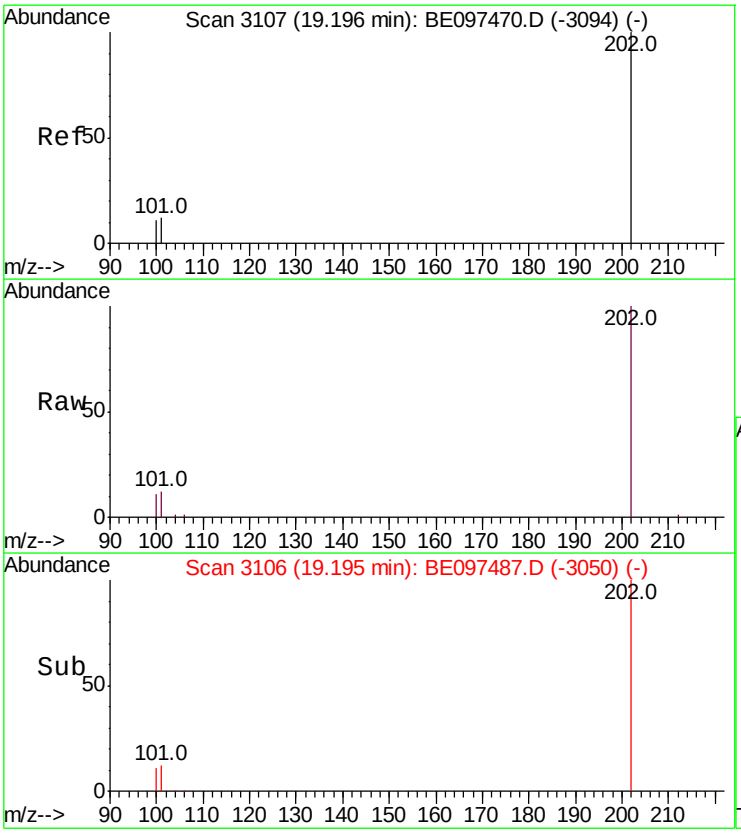
#15
Fluoranthene
Concen: 0.407 ng/ul
RT: 18.83 min Scan# 3004
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 9383

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
100	8.2	0.0	39.5

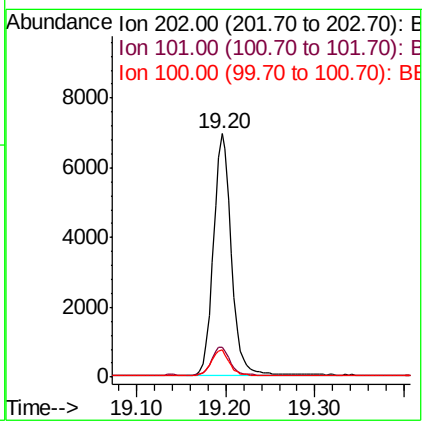


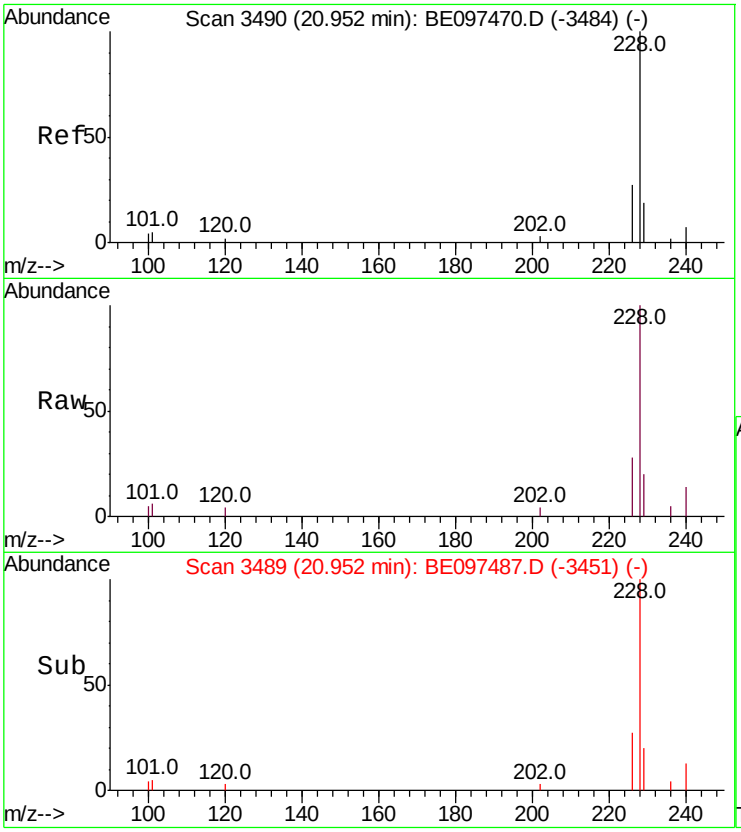


#17
Pyrene
Concen: 0.396 ng/ul
RT: 19.20 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Tgt Ion:202 Resp: 9700

Ion	Ratio	Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	11.2	15.6	23.4#



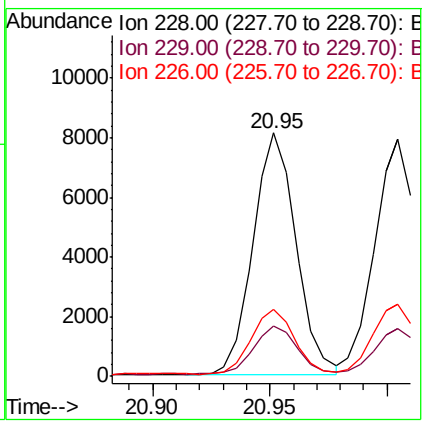


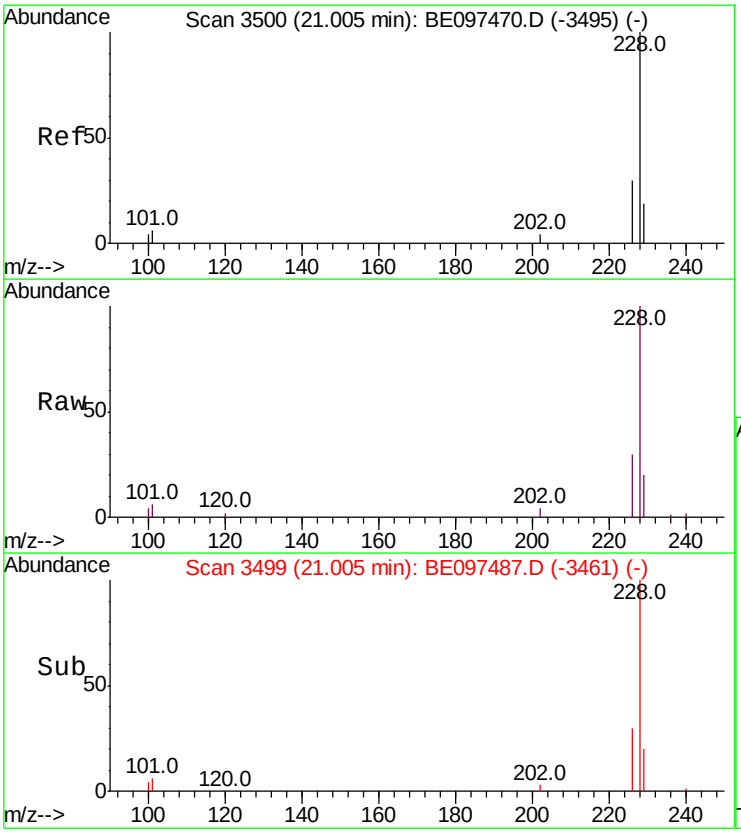
#18
Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 20.95 min Scan# 3489
Delta R.T. 0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10304

Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	27.8	17.0	25.6#

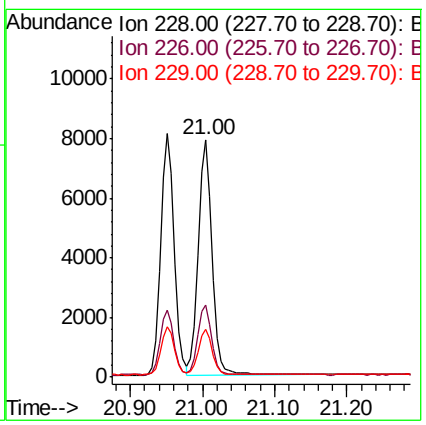


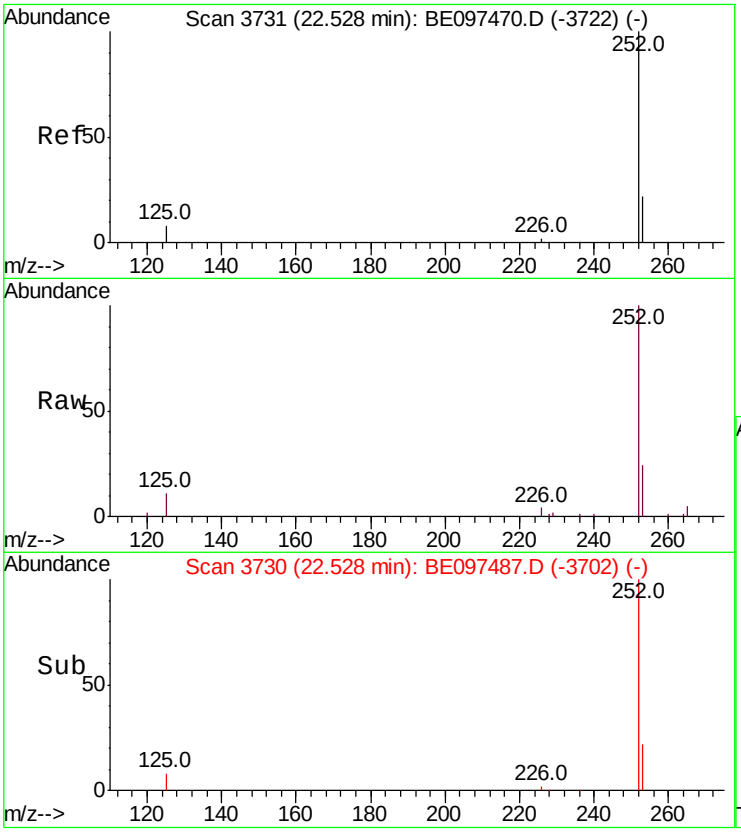


#19
Chrysene
Concen: 0.387 ng/ul
RT: 21.00 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Tgt Ion:228 Resp: 10414

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	20.4	17.7	26.5



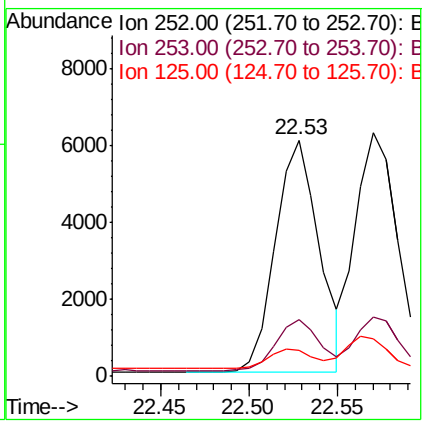


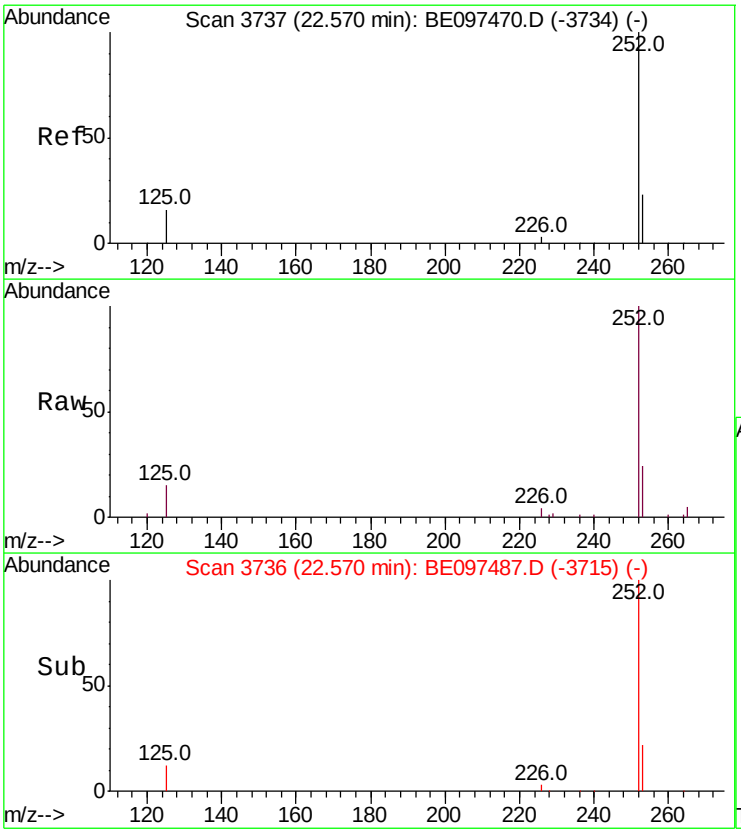
#21
Benzo(b)fluoranthene
Concen: 0.413 ng/ul
RT: 22.53 min Scan# 3730
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10416

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	64.2
125	10.8	0.0	35.0

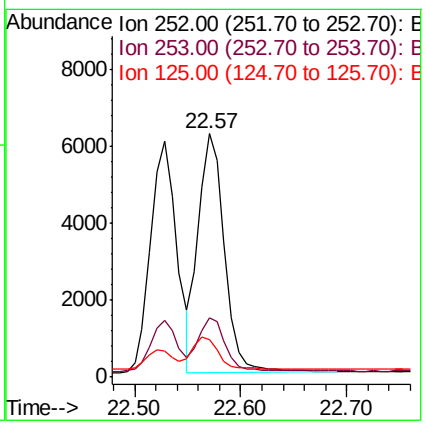


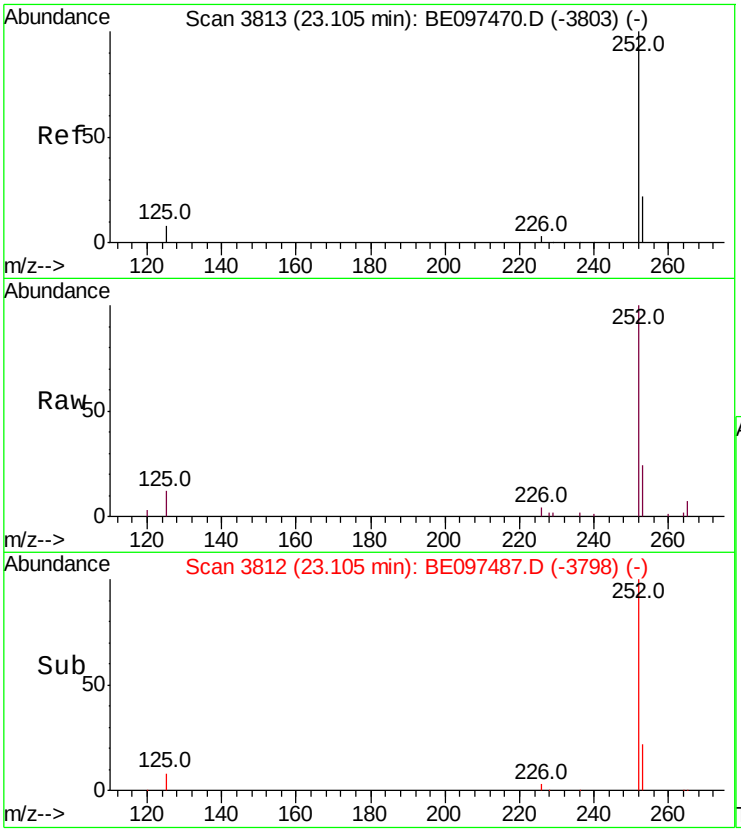


#22
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.57 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Tgt Ion:252 Resp: 10626

Ion	Ratio	Lower	Upper
252	100		
253	24.5	24.5	36.7#
125	15.4	13.7	20.5



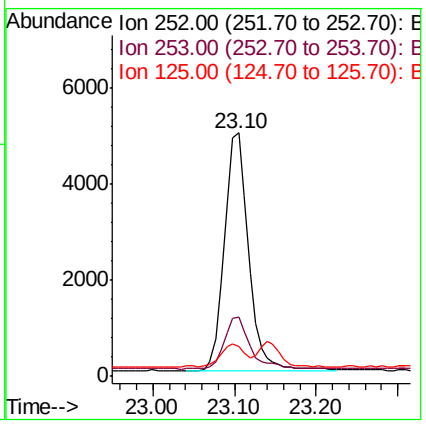


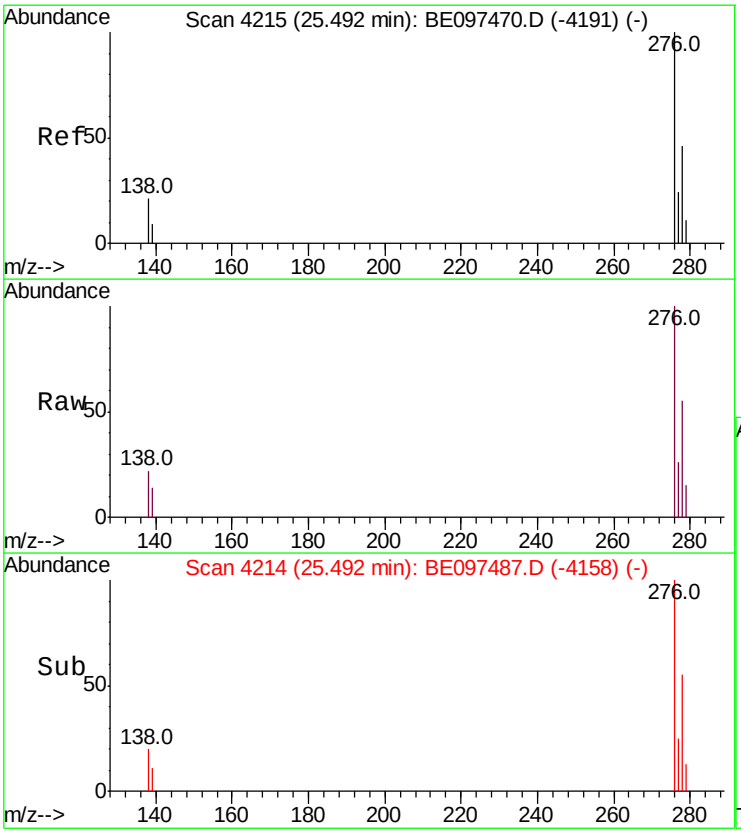
#23
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.10 min Scan# 3812
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10216

Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.5	42.7#
125	12.3	18.1	27.1#

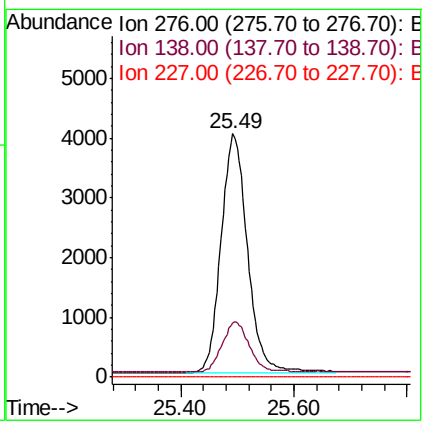


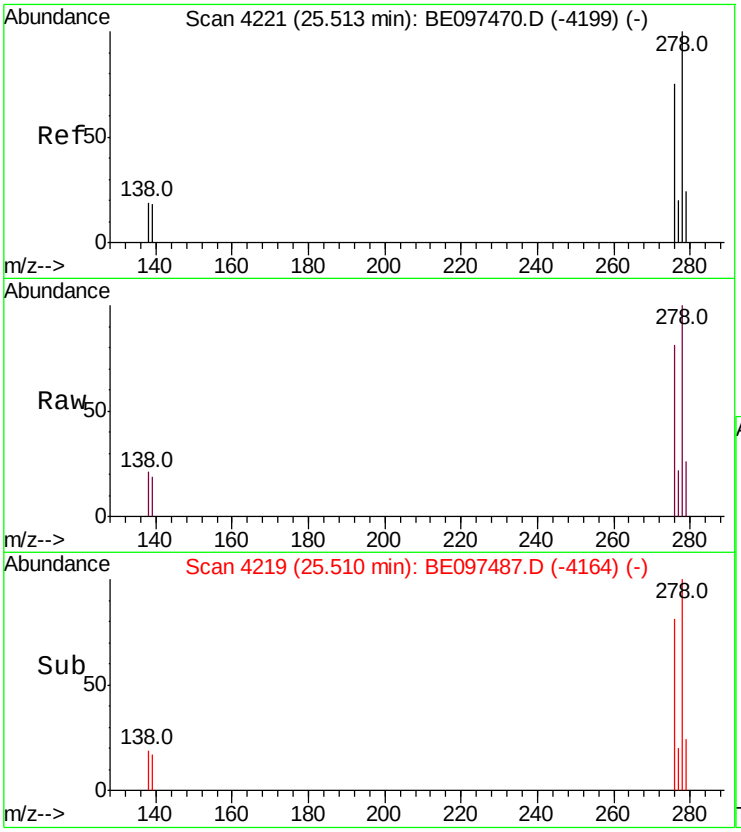


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.429 ng/ul
RT: 25.49 min Scan# 4214
Delta R.T. 0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Tgt Ion:276 Resp: 12968

Ion	Ratio	Lower	Upper
276	100		
138	21.5	28.0	42.0#
227	0.0	8.0	12.0#



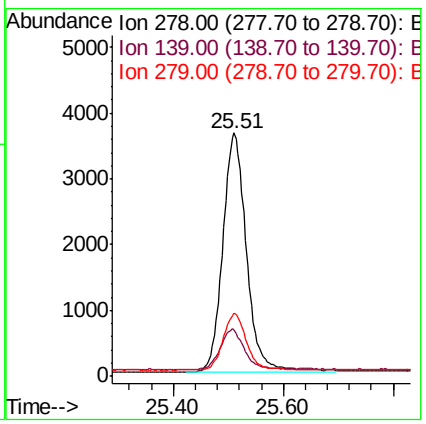


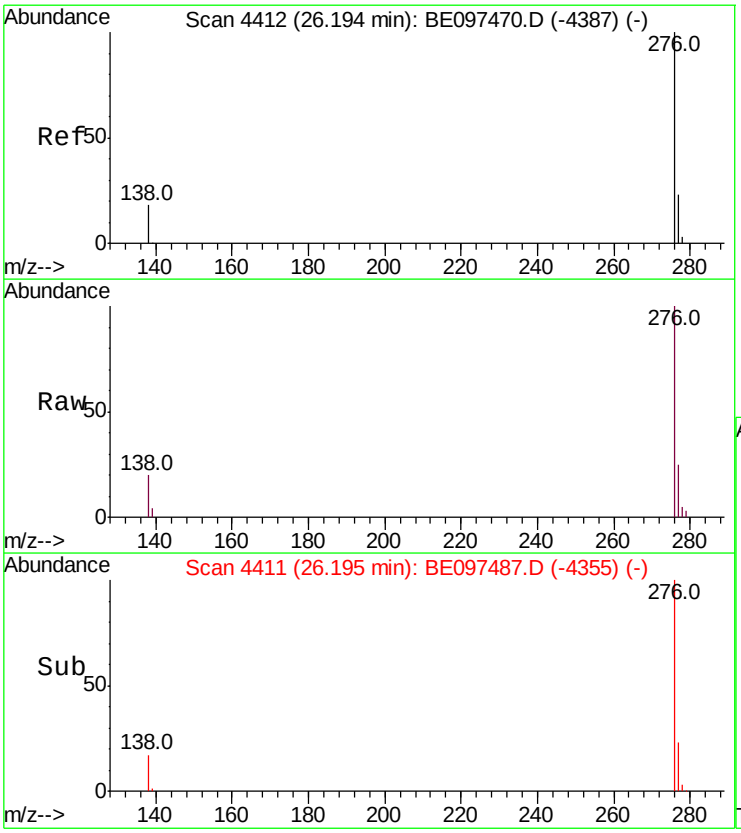
#25
Dibenzo(a,h)anthracene
Concen: 0.423 ng/ul
RT: 25.51 min Scan# 4219
Delta R.T. -0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 10837

Ion	Ratio	Lower	Upper
278	100		
139	19.2	17.4	26.0
279	25.8	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 26.19 min Scan# 4411
Delta R.T. 0.00 min
Lab File: BE097487.D
Acq: 14 Sep 2018 14:53

Tgt Ion:276 Resp: 10836

Ion	Ratio	Lower	Upper
276	100		
138	19.7	21.8	32.8#
277	25.2	20.5	30.7