Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097234.D
Acq On : 8 Aug 2018 14:26
Operator : SJ/JU
Sample : J4268-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 08 23:26:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1245	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3962	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	355226	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	174	0.40	ng/ul	0.14
20) Perylene-d12	23.29	264	2357	0.40	ng/ul	0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	1758	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	64	0.00	ng/ul	0.11
Target Compounds						Qvalue
3) Naphthalene	10.18	128	24968	1.590	ng/ul#	91
5) 2-Methylnaphthalene	11.80	142	4423	0.426	ng/ul	98
7) Acenaphthylene	13.73	152	10806	0.631	ng/ul	97
8) Acenaphthene	14.08	153	2018	0.163	ng/ul#	93
9) Fluorene	15.08	166	5117	0.359	ng/ul	93
12) Phenanthrene	16.90	178	24837	0.027	ng/ul#	90
17) Pyrene	19.21	202	430266	922.838	ng/ul#	80
18) Benzo(a)anthracene	21.13	228	28474	57.267	ng/ul#	50
19) Chrysene	21.01	228	269923	526.826	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	542300	84.416	ng/ul	83
22) Benzo(k)fluoranthene	22.71	252	45380	6.552	ng/ul	94
23) Benzo(a)pyrene	23.12	252	210796	32.791	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.51	276	218653	27.178	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.63	278	14848	2.255	ng/ul	95
26) Benzo(g,h,i)perylene	26.22	276	215276	30.964	ng/ul#	89

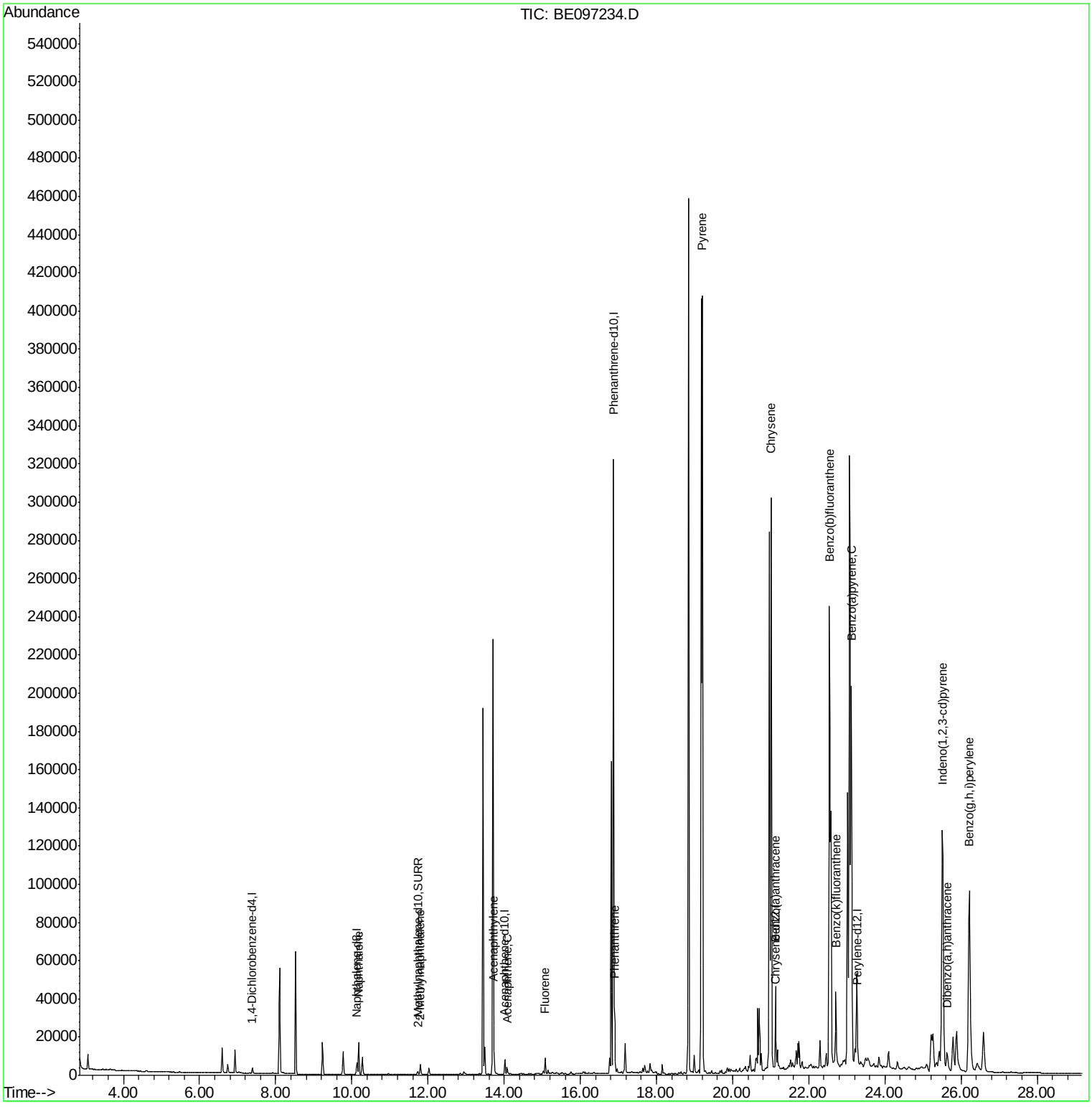
(#) = qualifier out of range (m) = manual integration (+) = signals summed

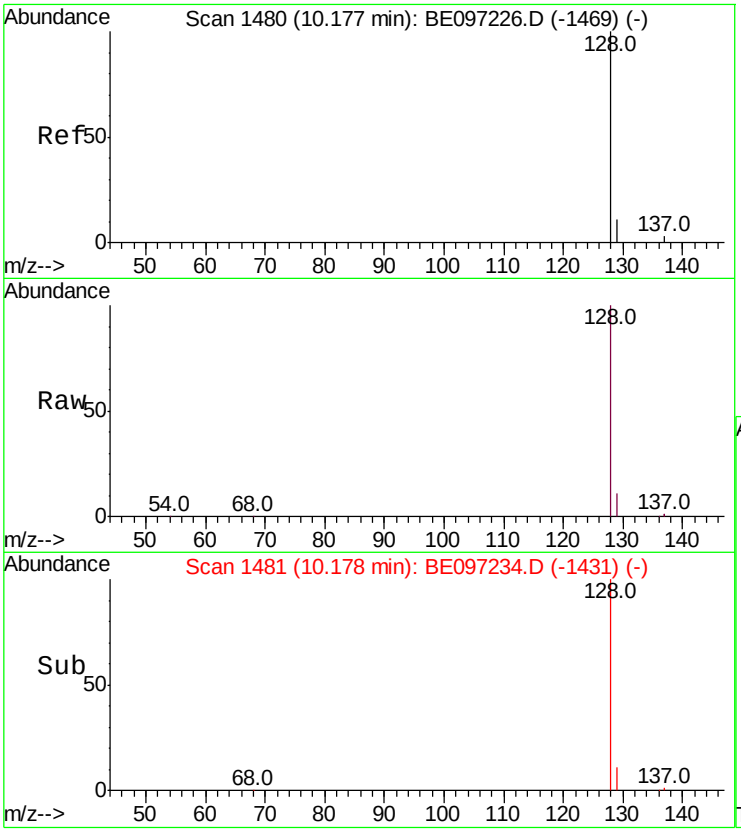
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097234.D
Acq On : 8 Aug 2018 14:26
Operator : SJ/JU
Sample : J4268-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 08 23:26:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration



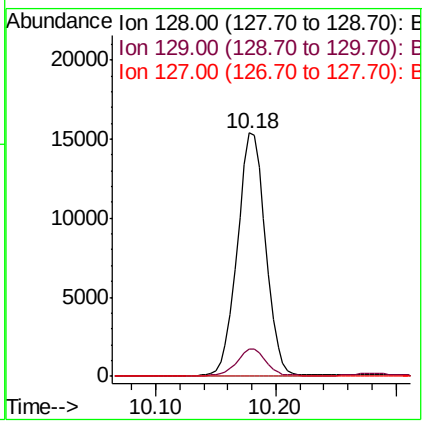


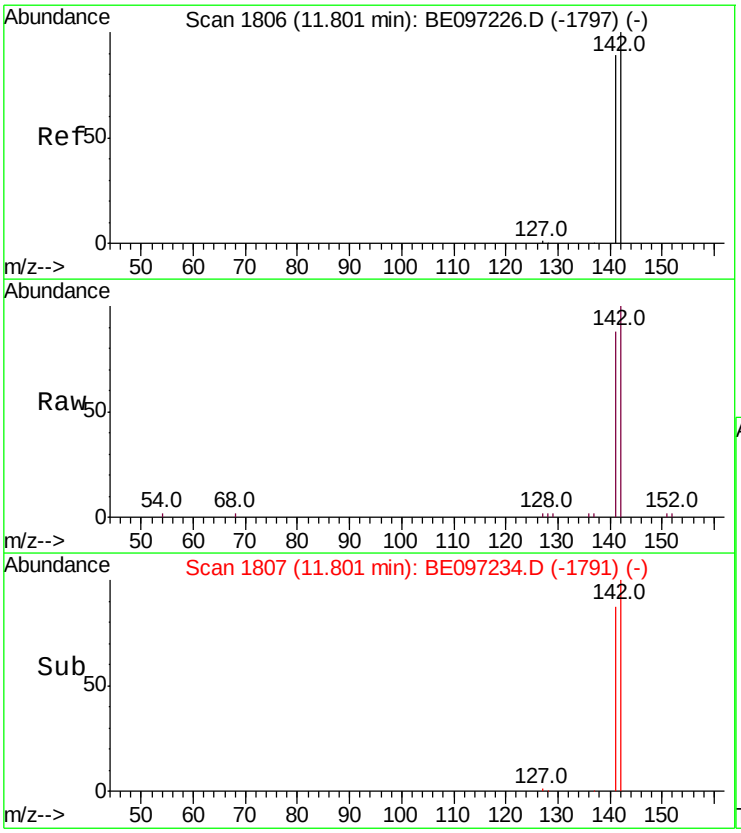
#3
Naphthalene
Concen: 1.590 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 24968

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

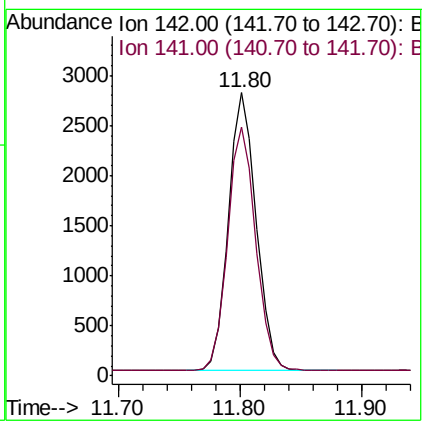


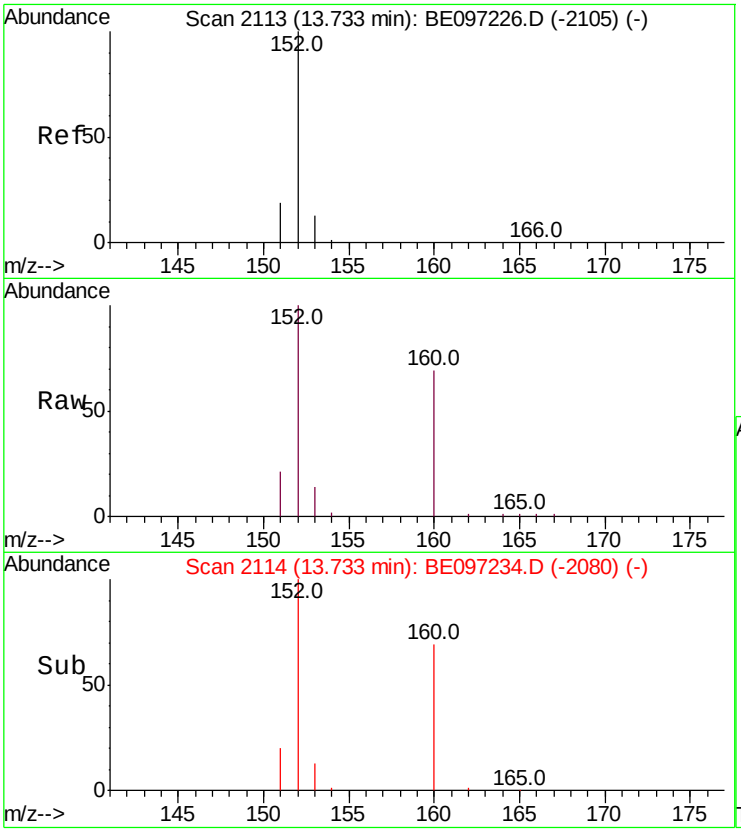


#5
2-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 11.80 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Tgt Ion:142 Resp: 4423

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8



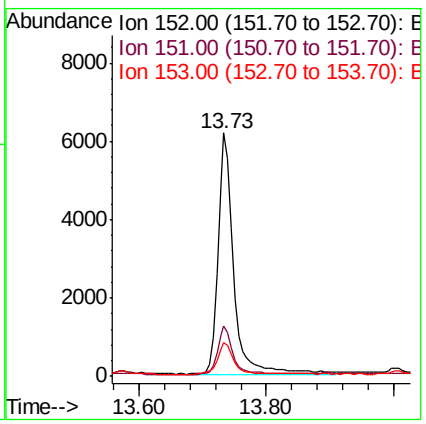


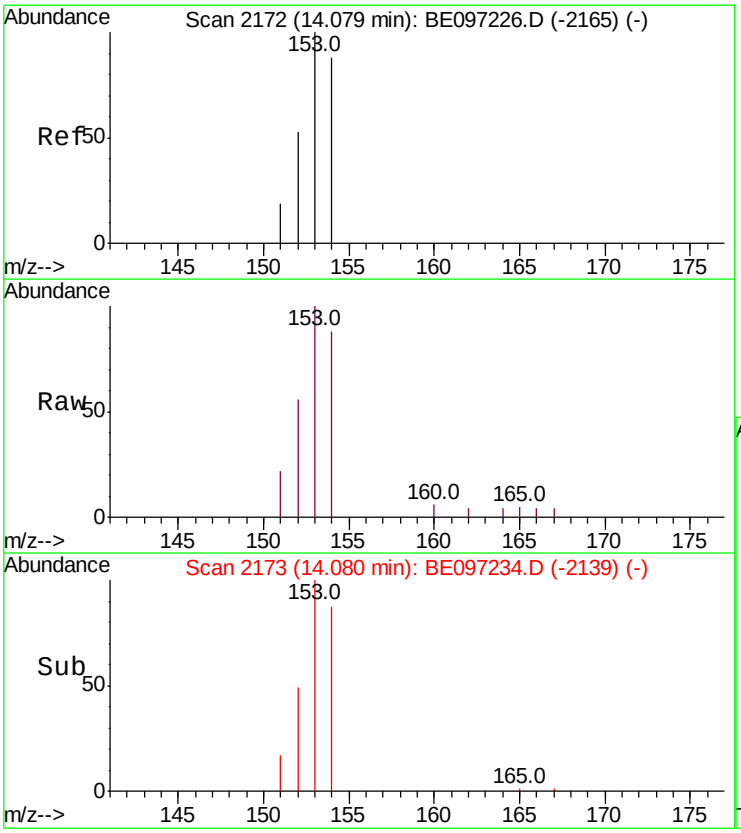
#7
Acenaphthylene
Concen: 0.631 ng/ul
RT: 13.73 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10806

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.1	25.7
153	14.0	12.8	19.2

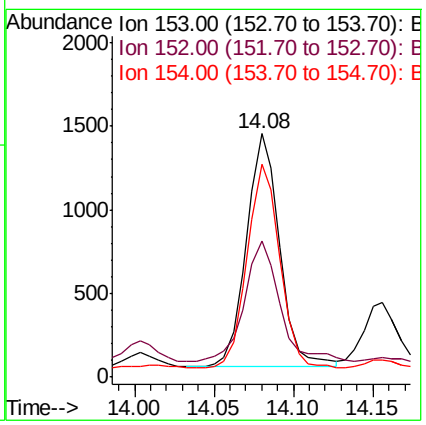


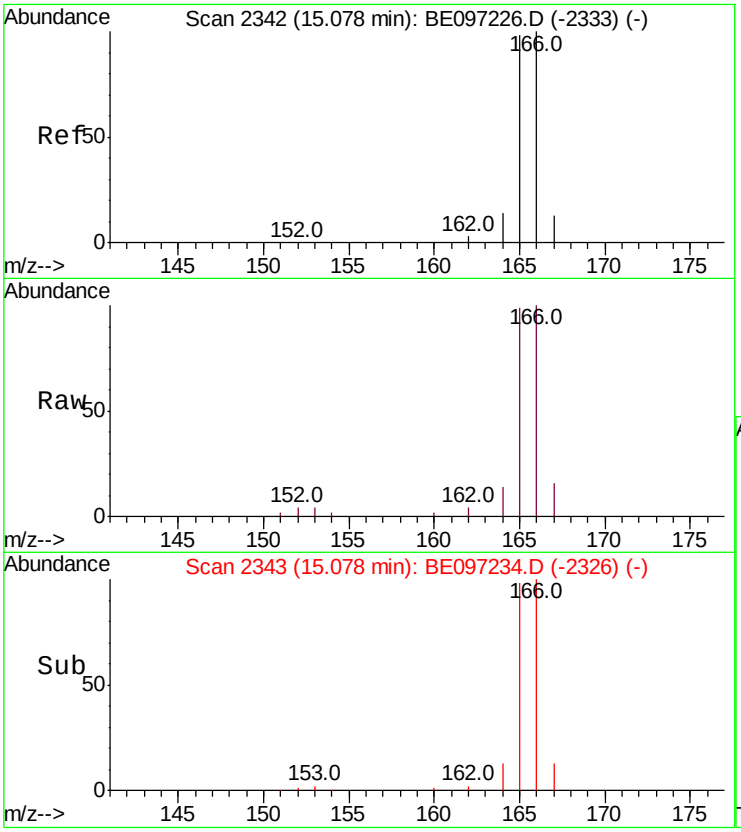


#8
Acenaphthene
Concen: 0.163 ng/ul
RT: 14.08 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Tgt Ion:153 Resp: 2018

Ion	Ratio	Lower	Upper
153	100		
152	55.6	36.0	54.0#
154	87.6	72.0	108.0



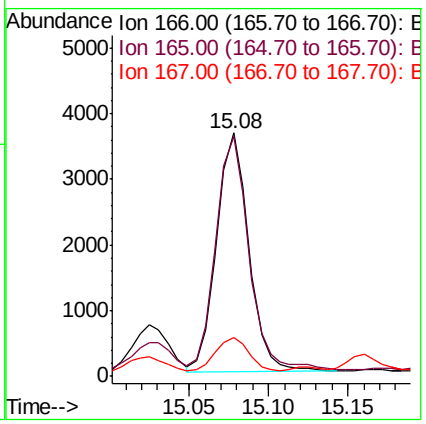


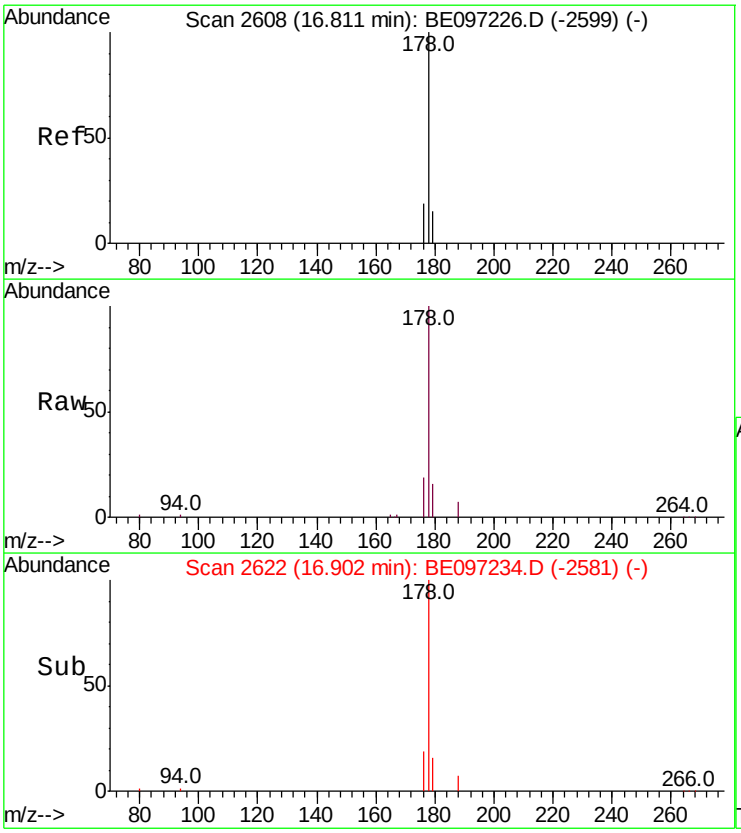
#9
Fluorene
Concen: 0.359 ng/ul
RT: 15.08 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 5117

Ion	Ratio	Lower	Upper
166	100		
165	98.6	73.4	110.2
167	16.2	14.6	22.0

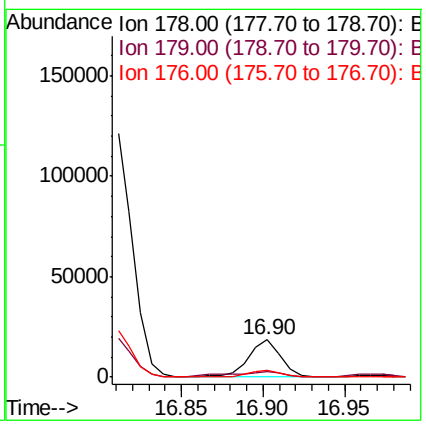


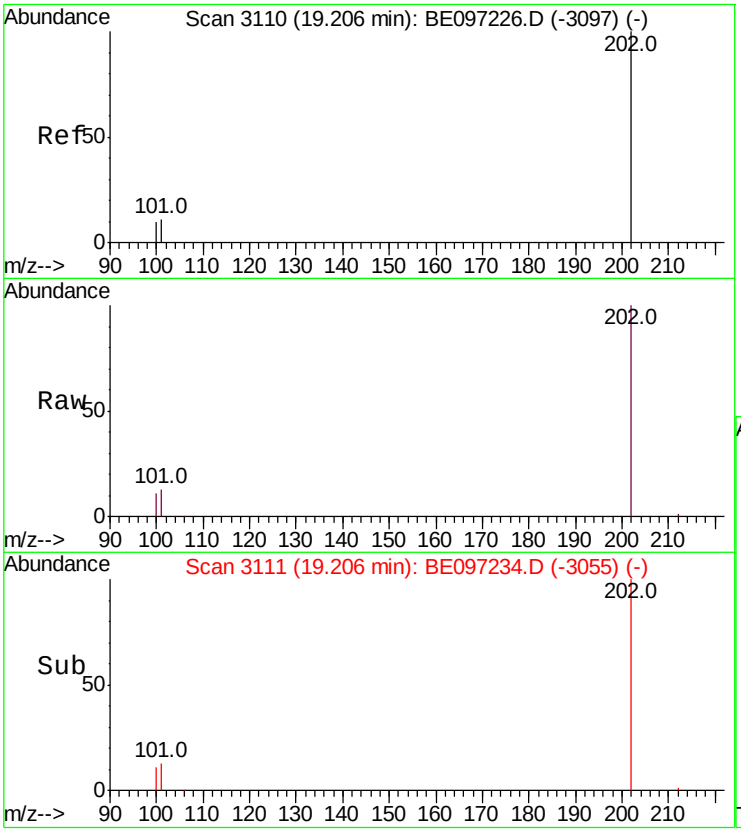


#12
Phenanthrene
Concen: 0.027 ng/ul
RT: 16.90 min Scan# 2622
Delta R.T. 0.09 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Tgt Ion:178 Resp: 24837

Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.4	27.6#
176	19.0	13.6	20.4



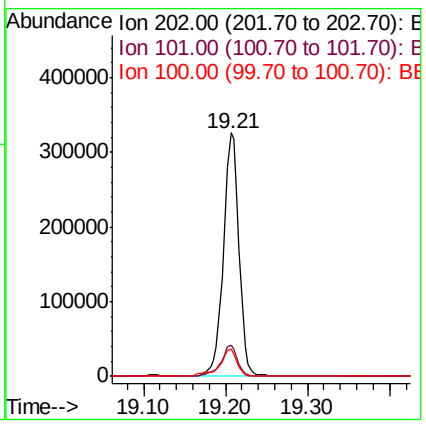


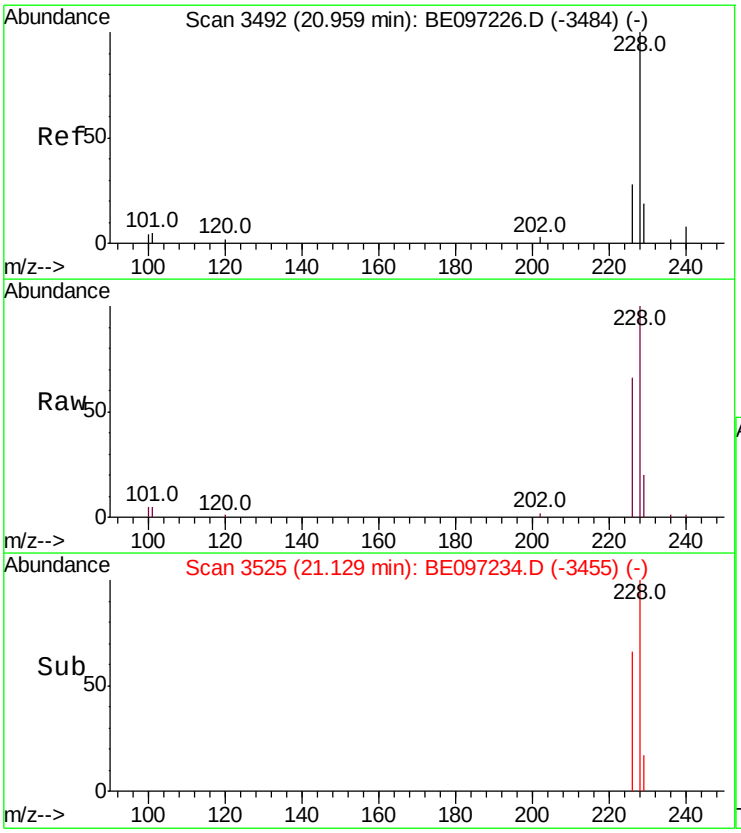
#17
Pyrene
Concen: 922.838 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 430266

Ion	Ratio	Lower	Upper
202	100		
101	12.9	18.2	27.4#
100	11.1	15.6	23.4#

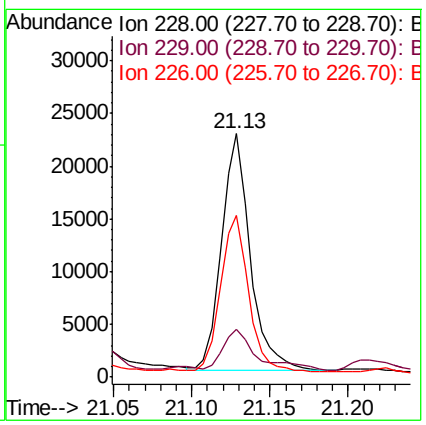


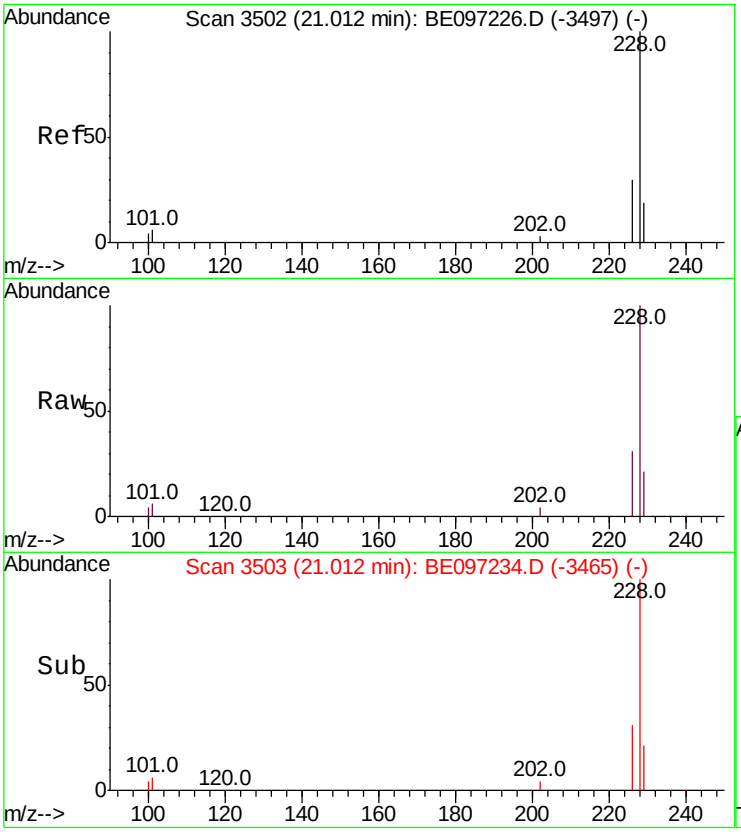


#18
Benzo(a)anthracene
Concen: 57.267 ng/ul
RT: 21.13 min Scan# 3525
Delta R.T. 0.17 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Tgt Ion:228 Resp: 28474

Ion	Ratio	Lower	Upper
228	100		
229	19.9	22.8	34.2#
226	66.5	17.0	25.6#



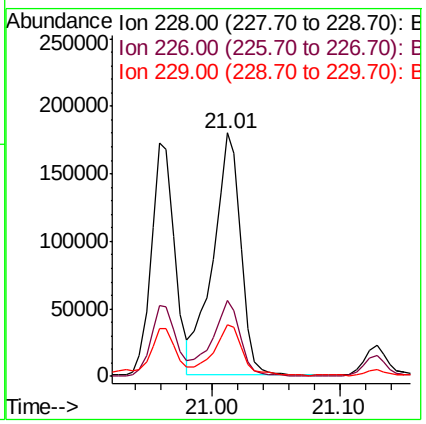


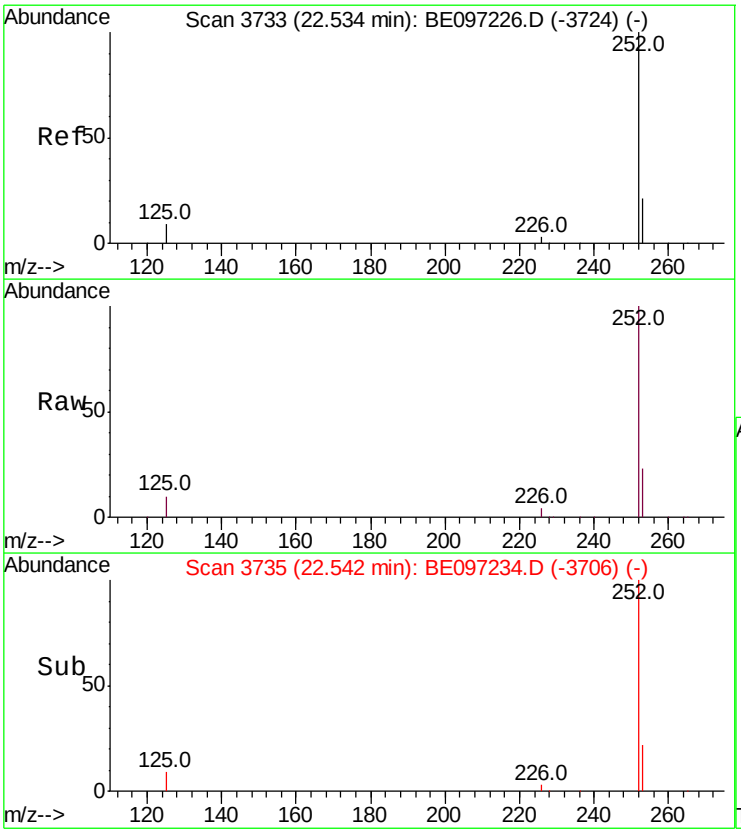
#19
Chrysene
Concen: 526.826 ng/ul
RT: 21.01 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 269923

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.0
229	21.4	17.7	26.5

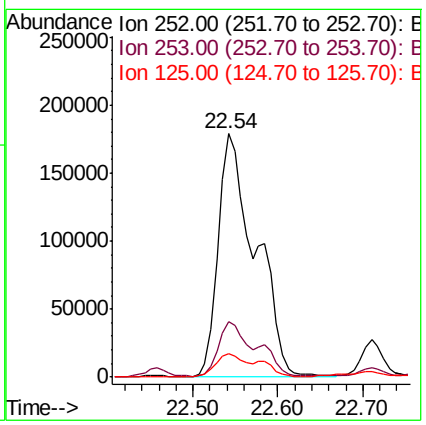


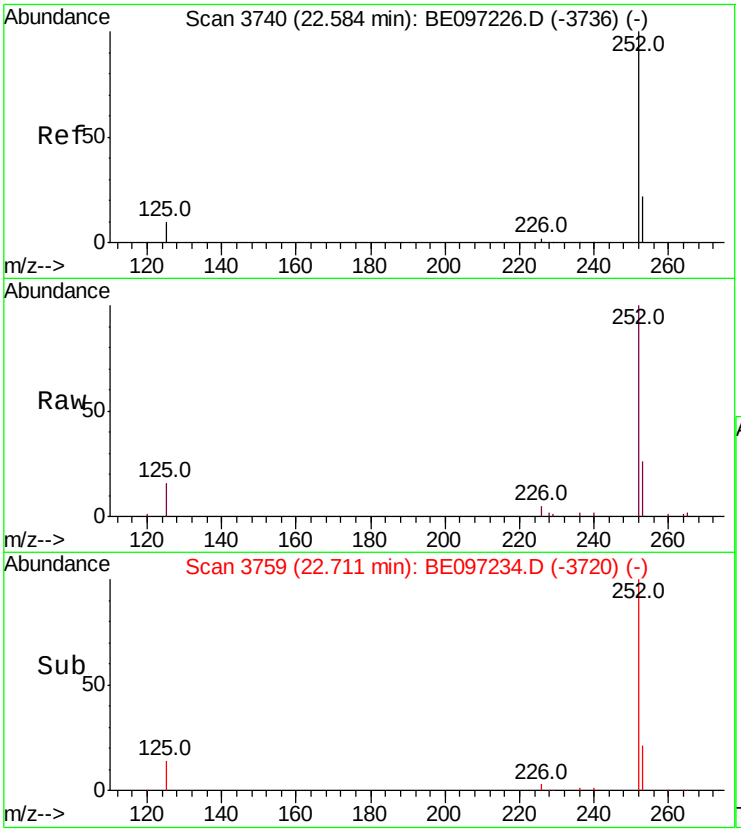


#21
Benzo(b)fluoranthene
Concen: 84.416 ng/ul
RT: 22.54 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Tgt Ion:252 Resp: 542300

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	64.2
125	9.6	0.0	35.0



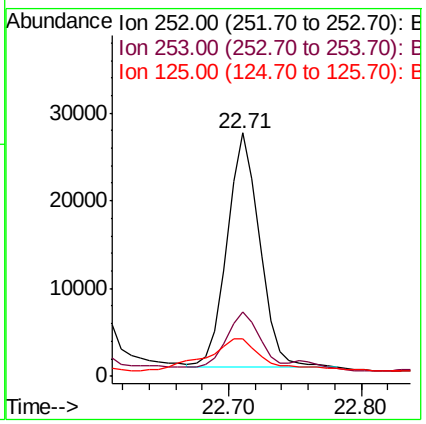


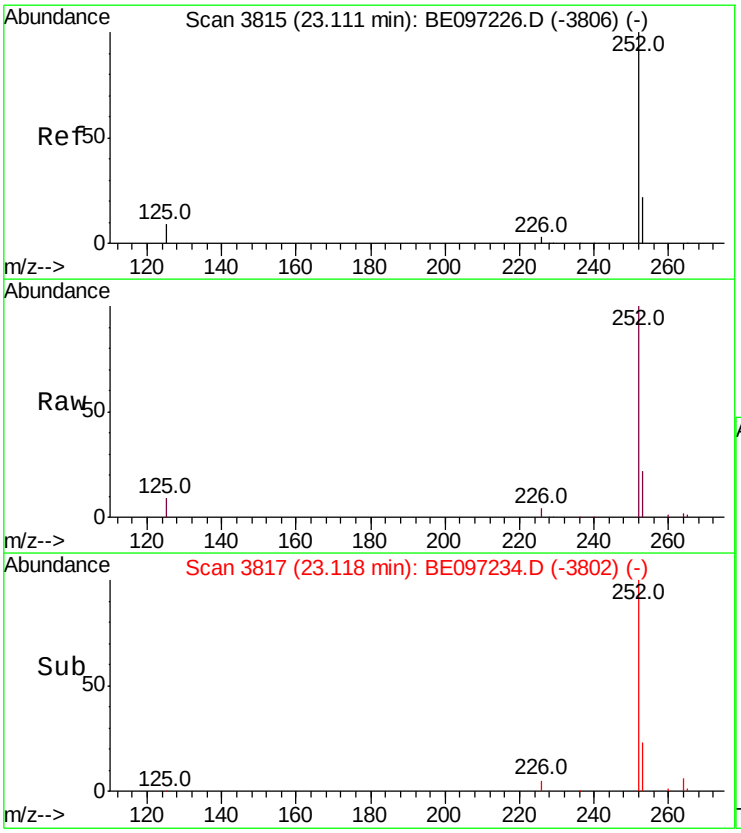
#22
Benzo(k)fluoranthene
Concen: 6.552 ng/ul
RT: 22.71 min Scan# 3759
Delta R.T. 0.13 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 45380

Ion	Ratio	Lower	Upper
252	100		
253	26.4	24.5	36.7
125	15.6	13.7	20.5

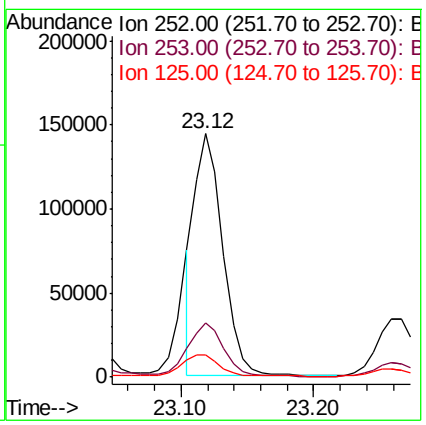


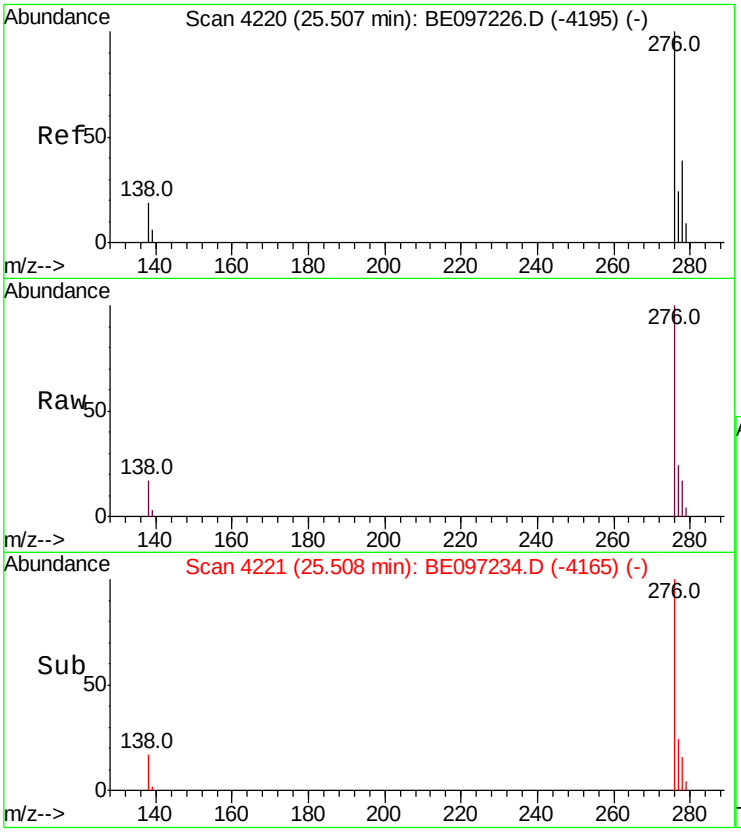


#23
Benzo(a)pyrene
Concen: 32.791 ng/ul
RT: 23.12 min Scan# 3817
Delta R.T. 0.01 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Tgt Ion:252 Resp: 210796

Ion	Ratio	Lower	Upper
252	100		
253	22.3	28.5	42.7#
125	9.2	18.1	27.1#



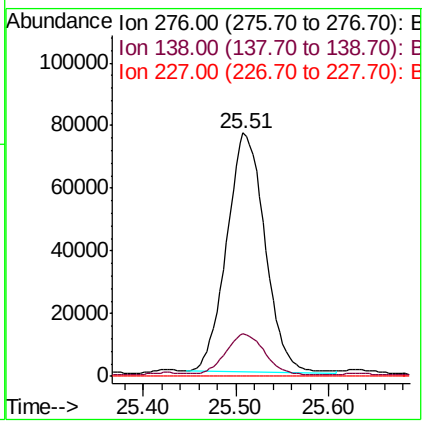


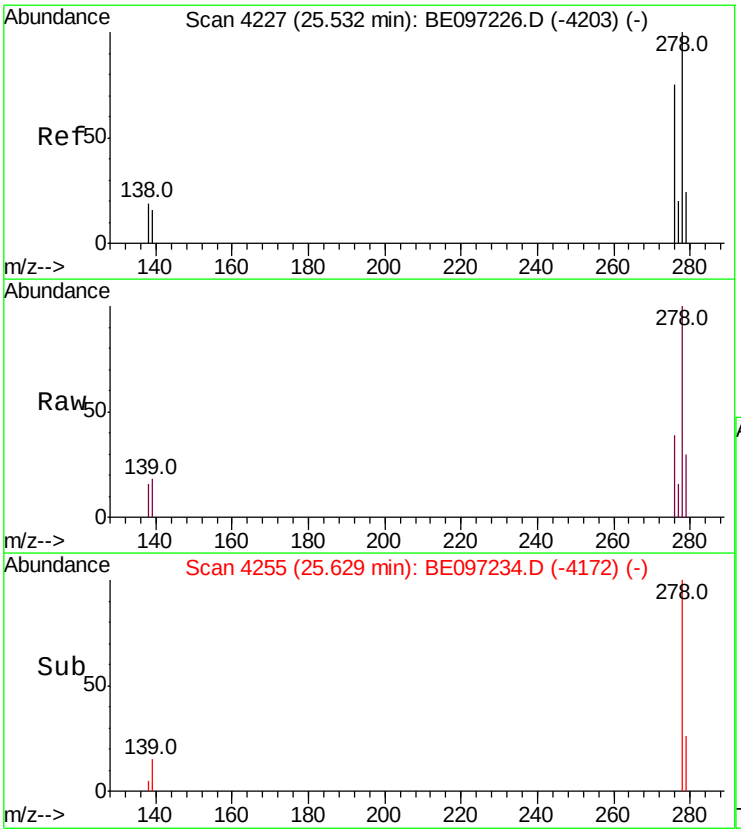
#24
Indeno(1,2,3-cd)pyrene
Concen: 27.178 ng/ul
RT: 25.51 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 218653

Ion	Ratio	Lower	Upper
276	100		
138	17.4	28.0	42.0#
227	0.0	8.0	12.0#

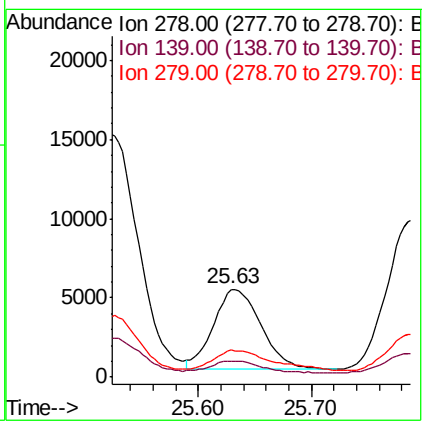


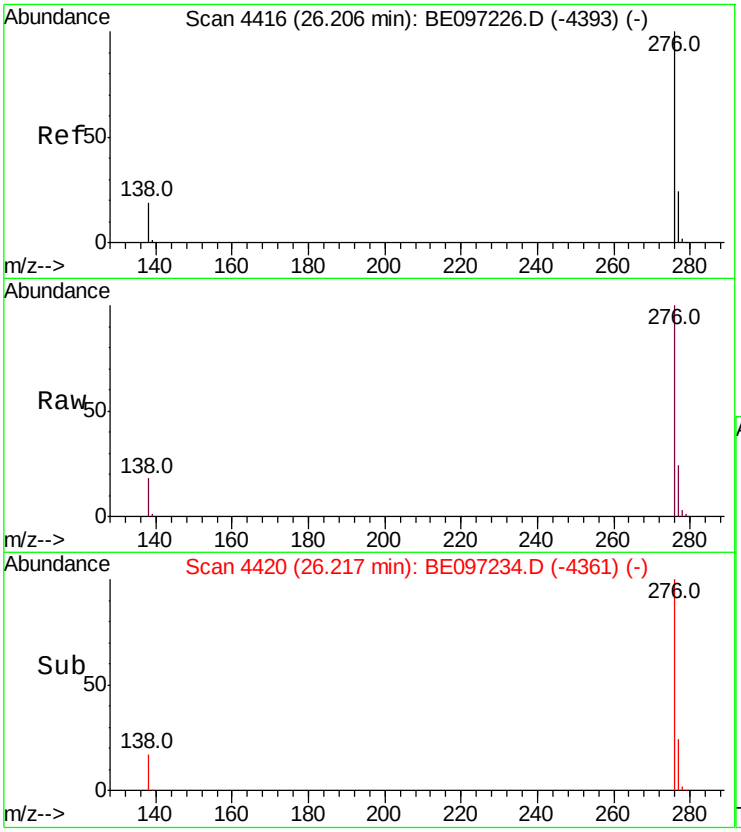


#25
Dibenzo(a,h)anthracene
Concen: 2.255 ng/ul
RT: 25.63 min Scan# 4255
Delta R.T. 0.10 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Tgt Ion:278 Resp: 14848

Ion	Ratio	Lower	Upper
278	100		
139	18.1	17.4	26.0
279	30.5	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 30.964 ng/ul
RT: 26.22 min Scan# 4420
Delta R.T. 0.01 min
Lab File: BE097234.D
Acq: 8 Aug 2018 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 215276

Ion	Ratio	Lower	Upper
276	100		
138	17.8	21.8	32.8#
277	24.2	20.5	30.7