

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
 Data File : BE097895.D
 Acq On : 13 Oct 2018 1:00
 Operator : SJ/JU
 Sample : J5183-13DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 13 03:01:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 02:57:21 2018
 Response via : Initial Calibration

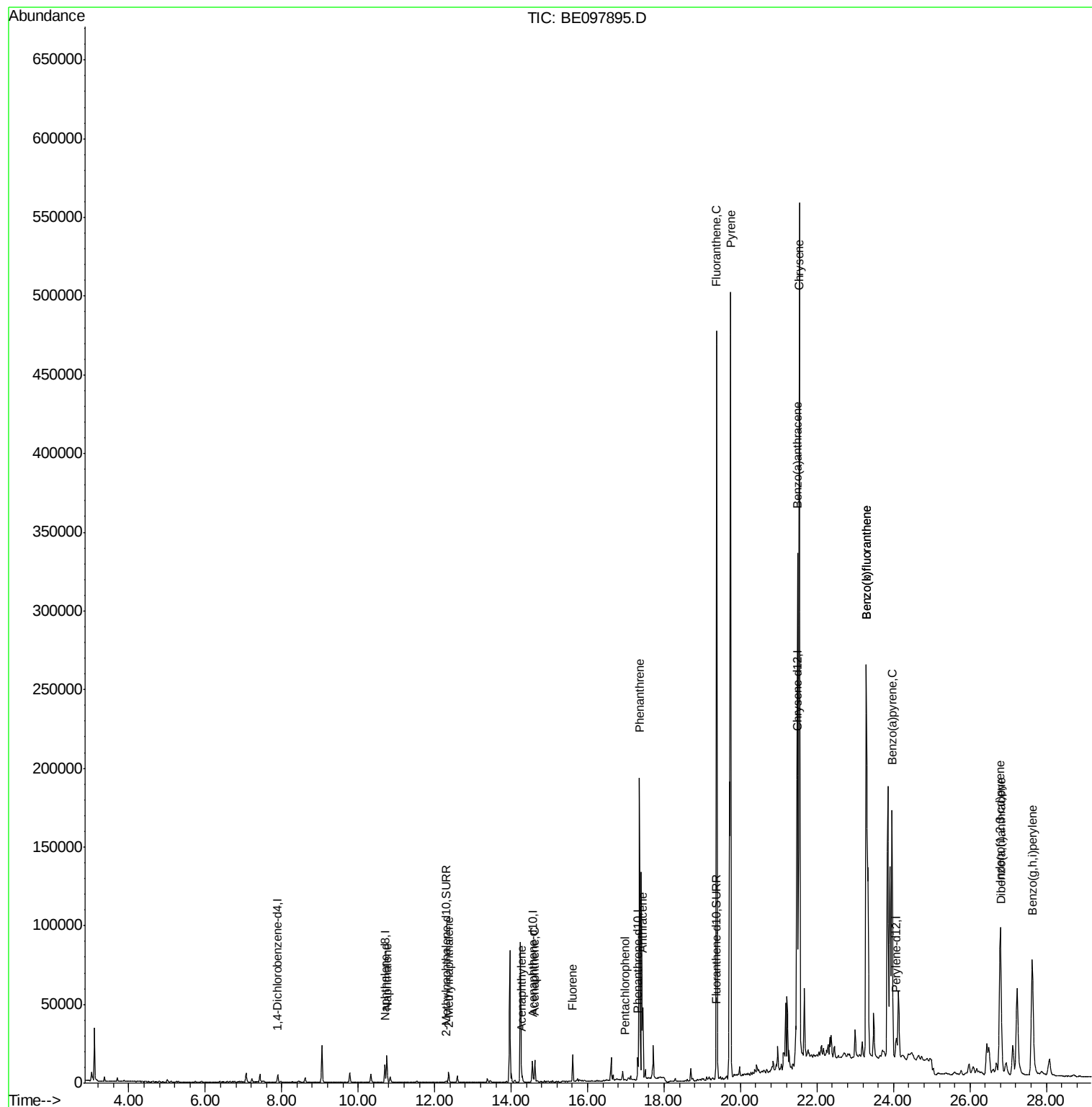
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2237	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11241	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	7583	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	17306	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	17920	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	18050	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	880	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.35	212	2554	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	25832	0.944	ng/ul	99
5) 2-Methylnaphthalene	12.37	142	5441	0.275	ng/ul	99
7) Acenaphthylene	14.28	152	1457	0.051	ng/ul#	70
8) Acenaphthene	14.62	153	8224	0.369	ng/ul	96
9) Fluorene	15.61	166	10630	0.366	ng/ul	98
11) Pentachlorophenol	16.98	266	257	0.105	ng/ul#	79
12) Phenanthrene	17.35	178	205261	5.010	ng/ul	98
13) Anthracene	17.44	178	54122	1.426	ng/ul	99
15) Fluoranthene	19.37	202	539001	10.244	ng/ul	96
17) Pyrene	19.74	202	552030	10.341	ng/ul	99
18) Benzo(a)anthracene	21.48	228	381954	7.049	ng/ul	98
19) Chrysene	21.54	228	529307	10.873	ng/ul	97
21) Benzo(b)fluoranthene	23.29	252	606759	12.578	ng/ul	98
22) Benzo(k)fluoranthene	23.29	252	606759	11.750	ng/ul	98
23) Benzo(a)pyrene	23.96	252	249458	5.267	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.79	276	184606	3.433	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.81	278	49641	1.117	ng/ul#	85
26) Benzo(g,h,i)perylene	27.63	276	198254	4.232	ng/ul	97

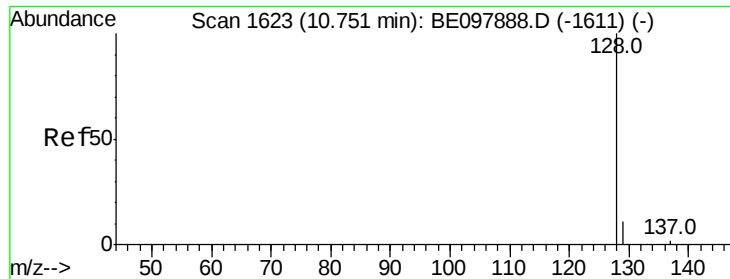
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
Data File : BE097895.D
Acq On : 13 Oct 2018 1:00
Operator : SJ/JU
Sample : J5183-13DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 13 03:01:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 02:57:21 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.944 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

ClientSampleId :

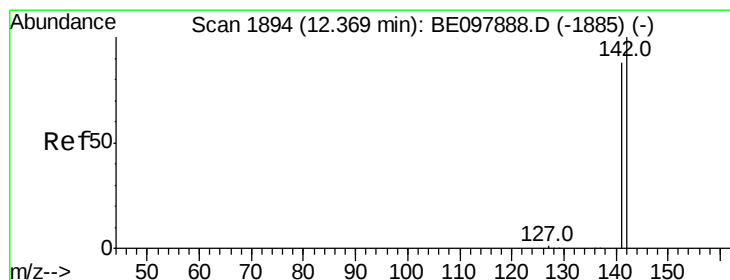
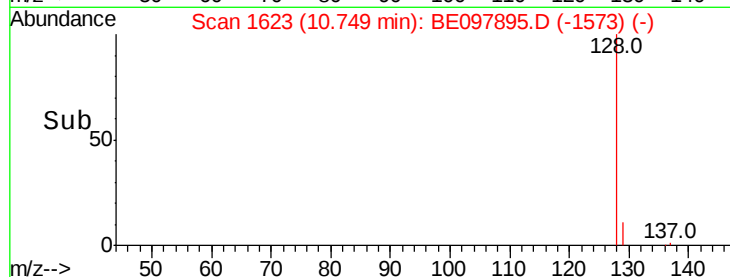
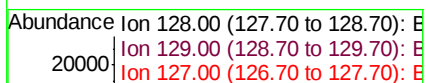
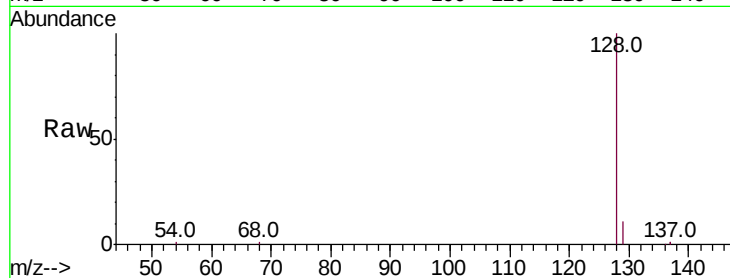
Tot Ion:128 Resp: 25832

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

127 0.0 0.0 0.0



#5

2-Methylnaphthalene

Concen: 0.275 ng/ul

RT: 12.37 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BE097895.D

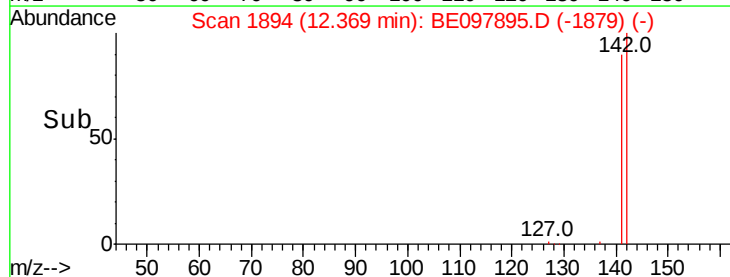
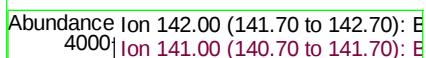
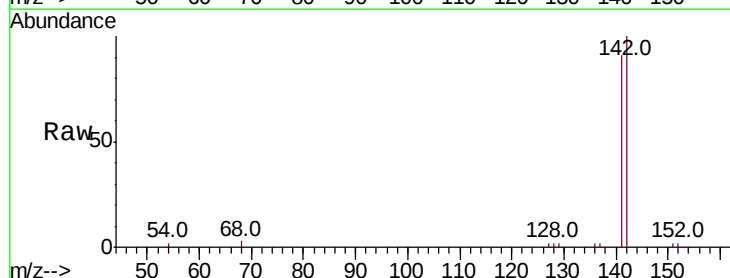
Acq: 13 Oct 2018 1:00

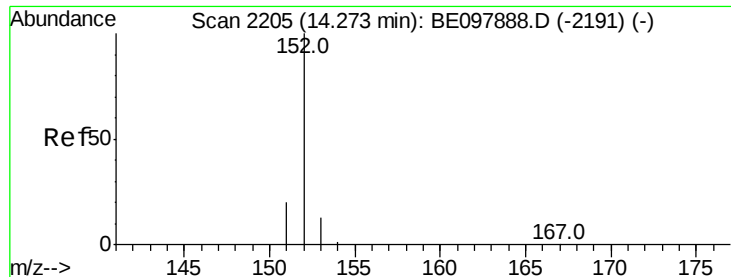
Tgt Ion:142 Resp: 5441

Ion Ratio Lower Upper

142 100

141 88.7 71.6 107.4





#7

Acenaphthylene

Concen: 0.051 ng/ul

RT: 14.28 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

ClientSampled :

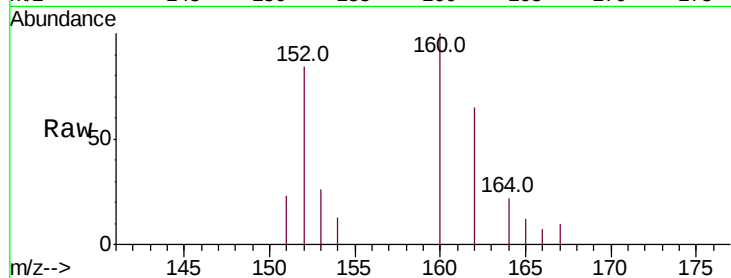
Tot Ion:152 Resp: 1457

Ion Ratio Lower Upper

152 100

151 27.4 15.0 22.6#

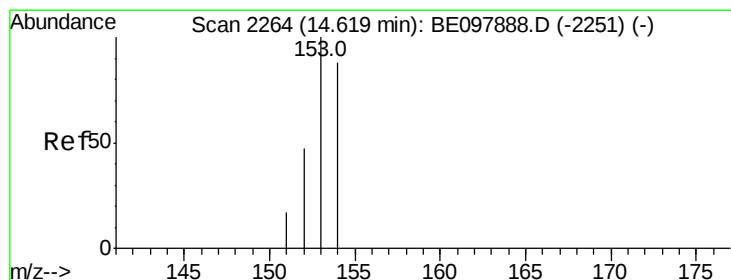
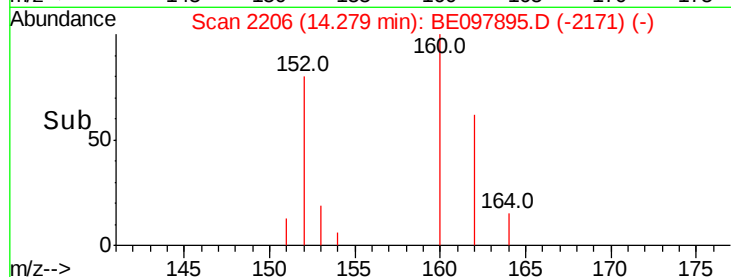
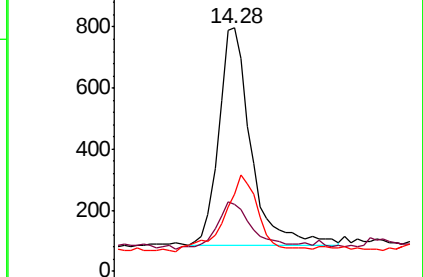
153 31.5 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.369 ng/ul

RT: 14.62 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

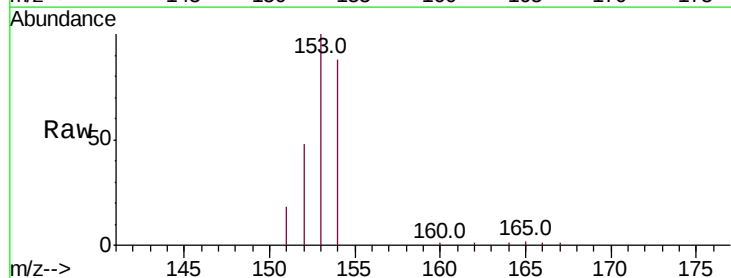
Tgt Ion:153 Resp: 8224

Ion Ratio Lower Upper

153 100

152 47.6 41.2 61.8

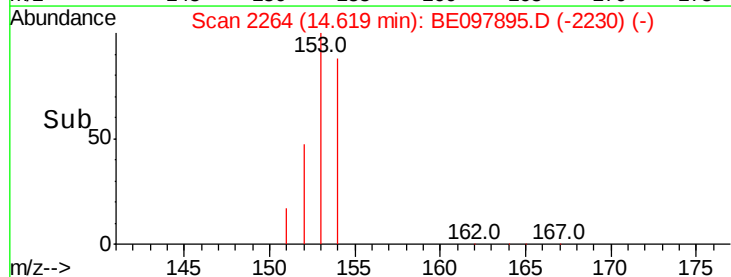
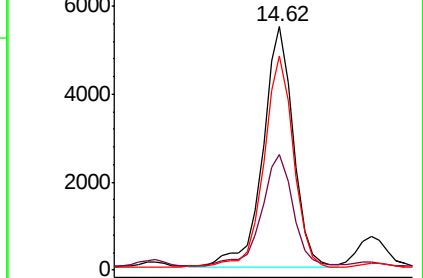
154 88.0 68.6 103.0

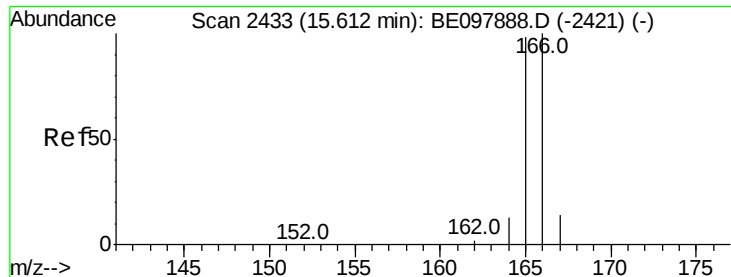


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.366 ng/ul

RT: 15.61 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

ClientSampleId :

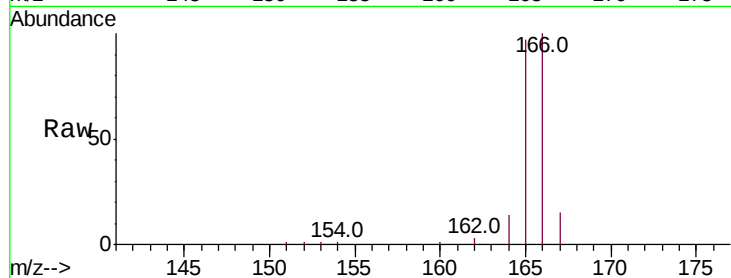
Tot Ion:166 Resp: 10630

Ion Ratio Lower Upper

166 100

165 96.6 79.2 118.8

167 14.8 11.3 16.9

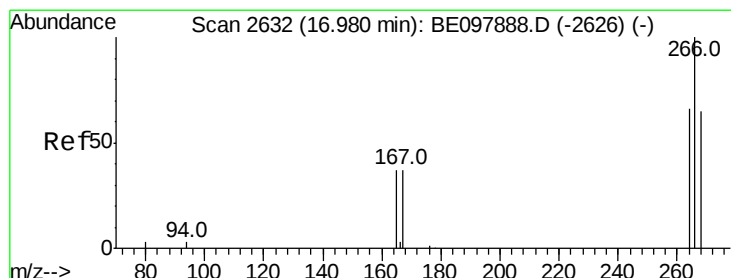
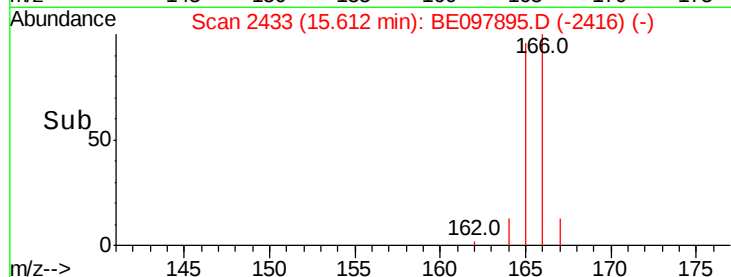
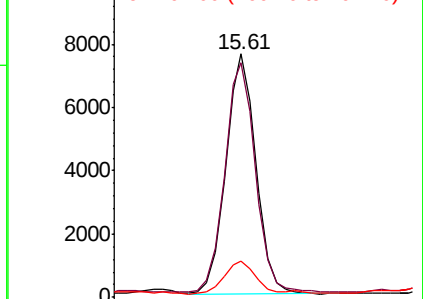


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.105 ng/ul

RT: 16.98 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

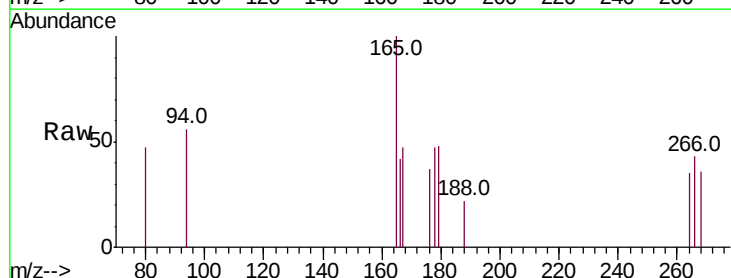
Tgt Ion:266 Resp: 257

Ion Ratio Lower Upper

266 100

264 84.4 49.8 74.8#

268 70.8 48.4 72.6

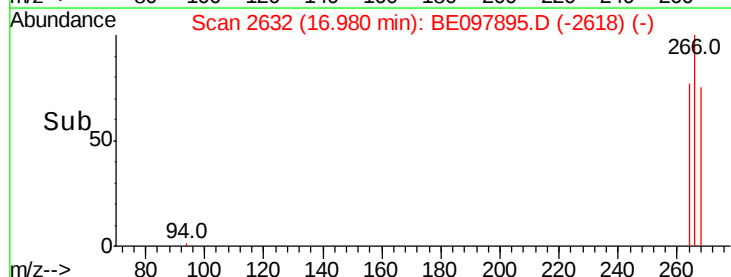
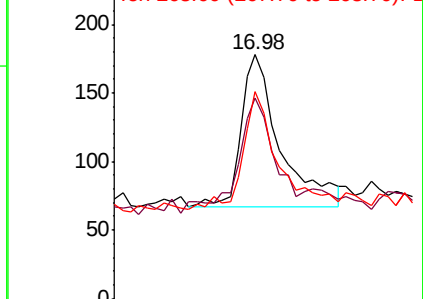


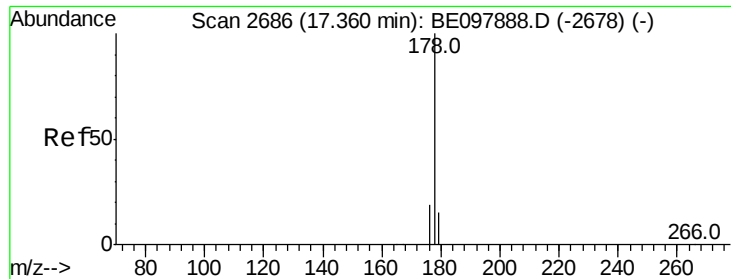
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 5.010 ng/ul

RT: 17.35 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

ClientSampleId :

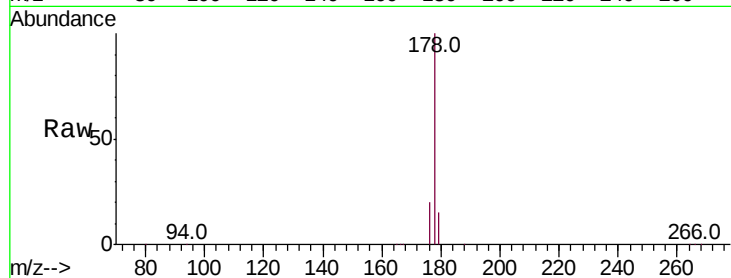
Tot Ion:178 Resp: 205261

Ion Ratio Lower Upper

178 100

179 15.2 12.8 19.2

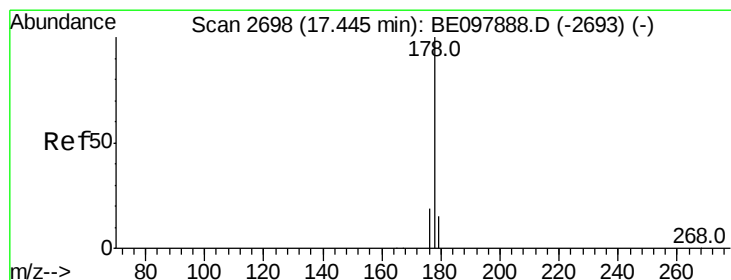
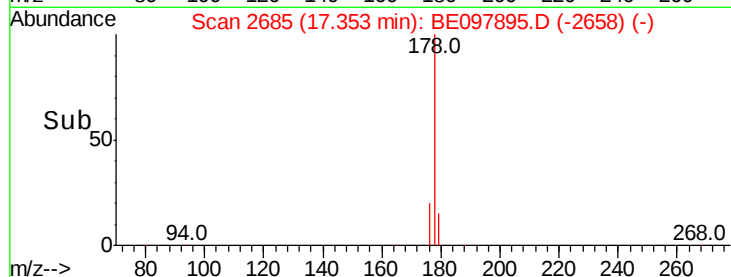
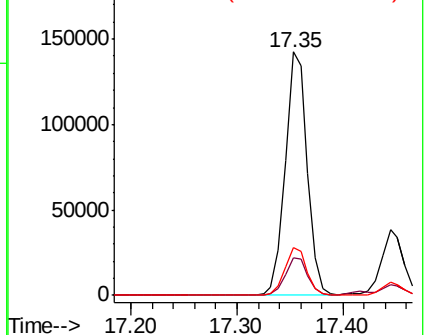
176 19.7 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 1.426 ng/ul

RT: 17.44 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

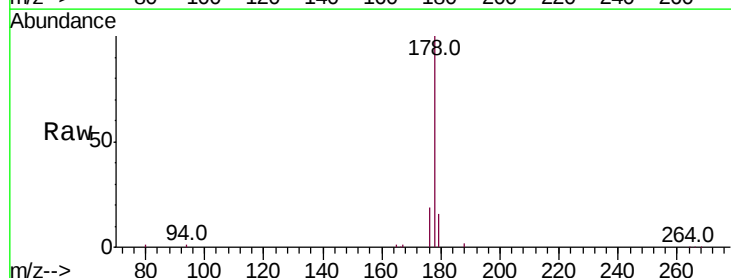
Tgt Ion:178 Resp: 54122

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

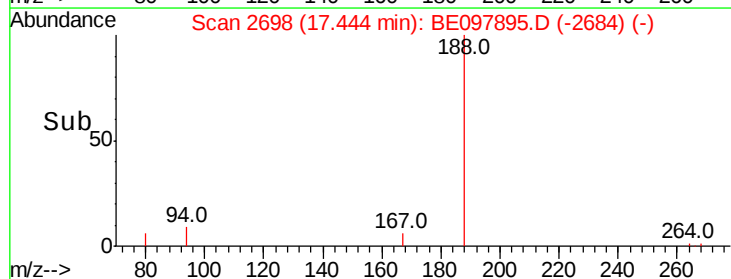
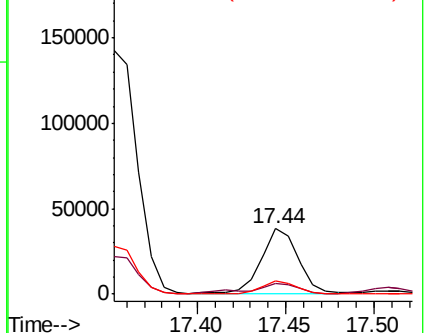
176 19.5 15.5 23.3

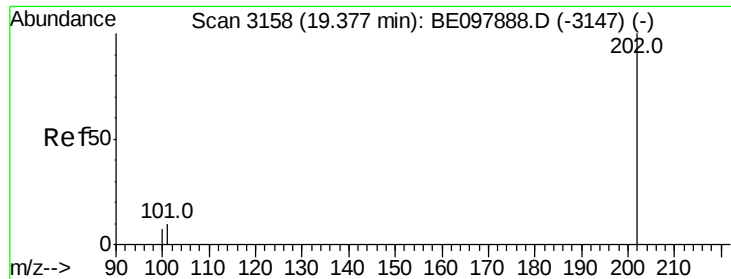


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

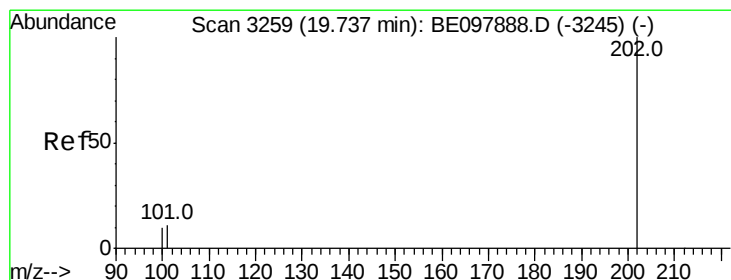
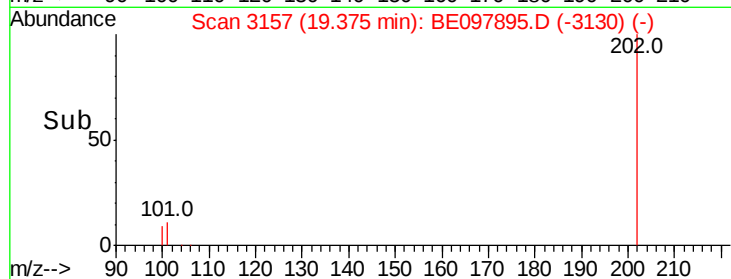
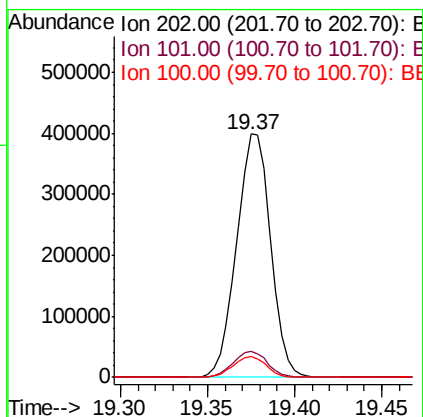
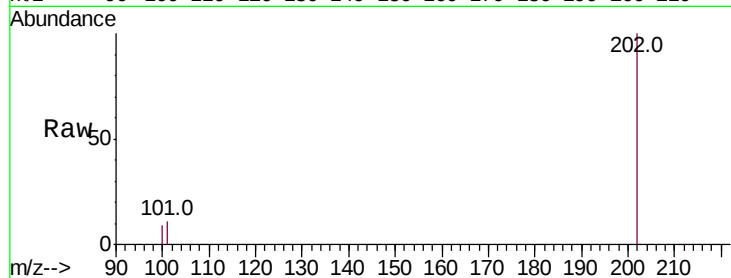




#15
Fluoranthene
 Concen: 10.244 ng/ul
 RT: 19.37 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BE097895.D
 Acq: 13 Oct 2018 1:00

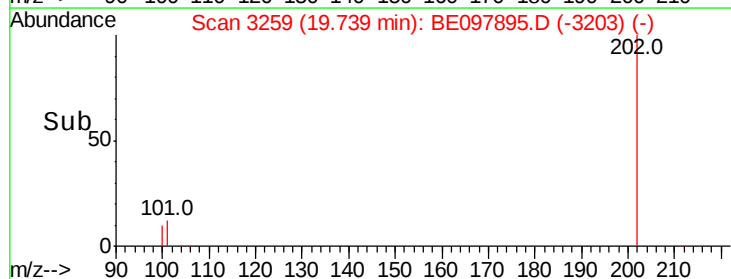
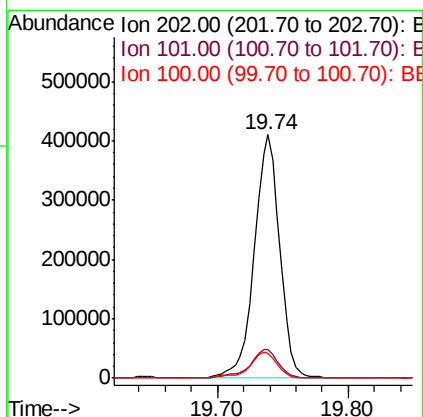
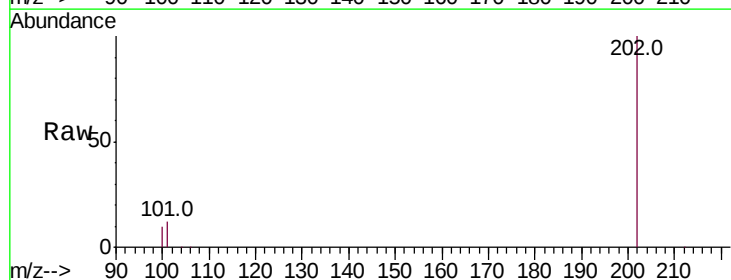
Instrument :
 BNA_E
 ClientSampleId :

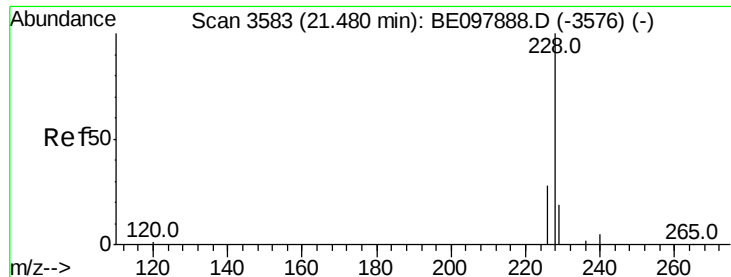
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	29.3
100	8.8	0.0	27.5



#17
Pyrene
 Concen: 10.341 ng/ul
 RT: 19.74 min Scan# 3259
 Delta R.T. 0.00 min
 Lab File: BE097895.D
 Acq: 13 Oct 2018 1:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.8	13.2
100	10.2	7.9	11.9





#18

Benzo(a)anthracene

Concen: 7.049 ng/ul

RT: 21.48 min Scan# 3582

Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

ClientSampleId :

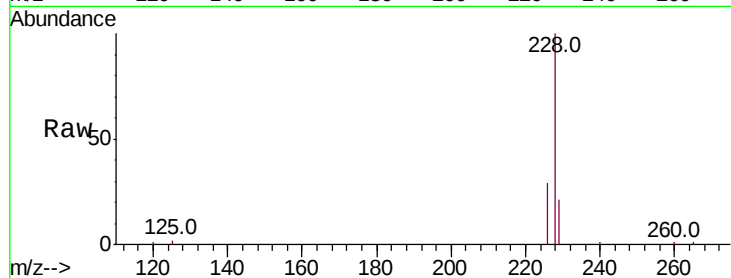
Tot Ion:228 Resp: 381954

Ion Ratio Lower Upper

228 100

229 21.0 16.4 24.6

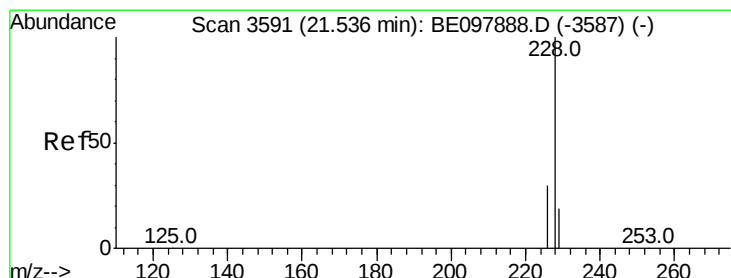
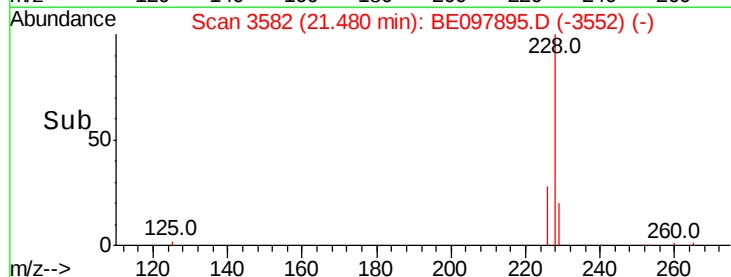
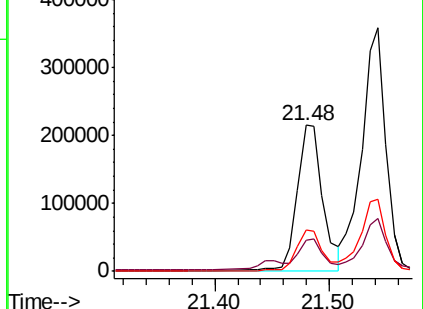
226 28.7 21.5 32.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 10.873 ng/ul

RT: 21.54 min Scan# 3591

Delta R.T. 0.01 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

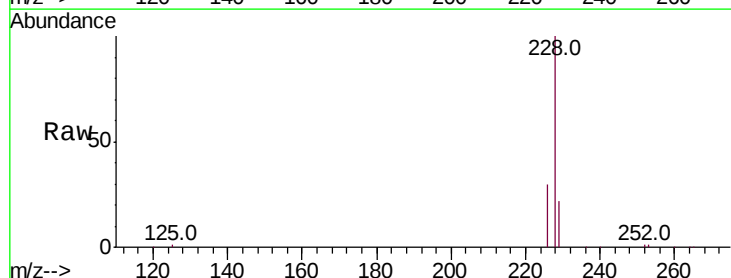
Tgt Ion:228 Resp: 529307

Ion Ratio Lower Upper

228 100

226 29.9 23.0 34.4

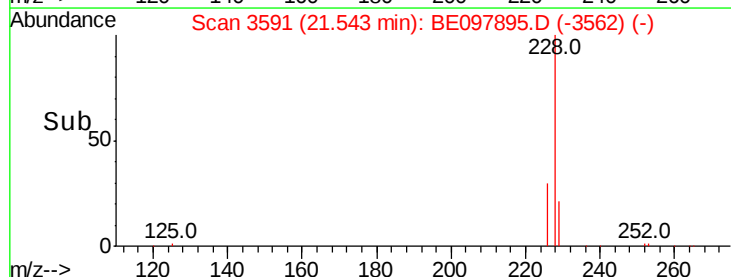
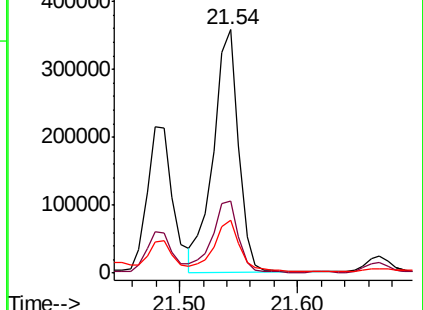
229 21.6 15.5 23.3

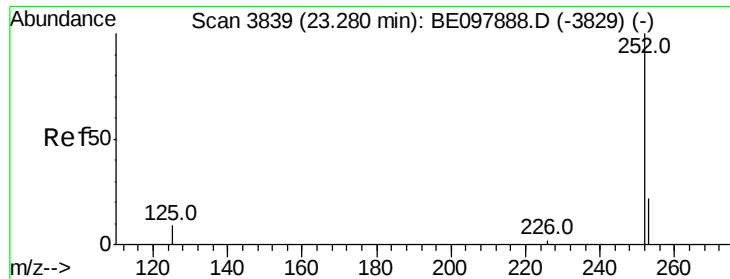


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 12.578 ng/ul

RT: 23.29 min Scan# 3839

Delta R.T. 0.01 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

ClientSampleId :

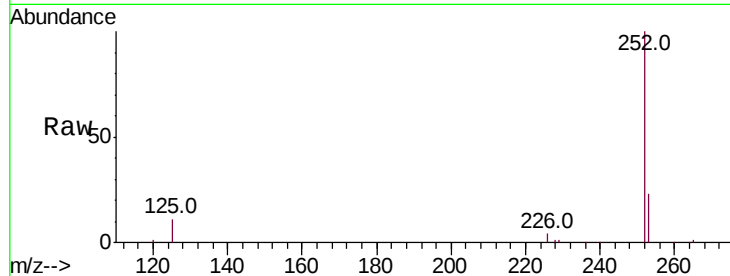
Tot Ion:252 Resp: 606759

Ion Ratio Lower Upper

252 100

253 23.5 0.0 47.0

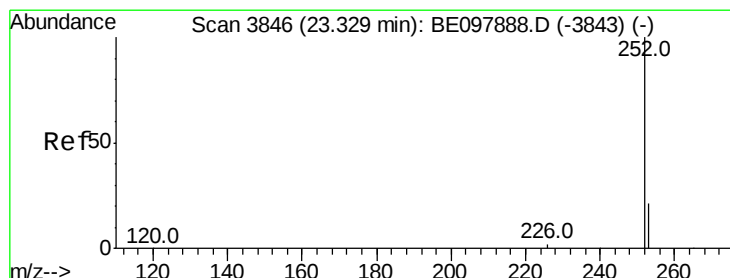
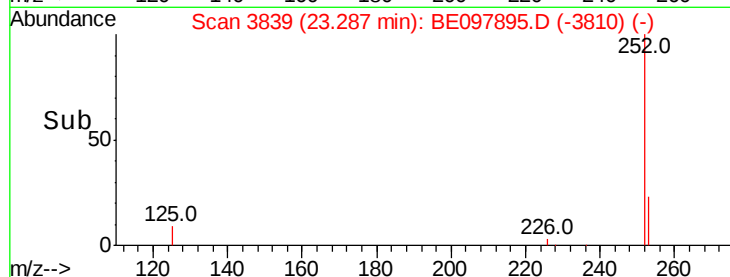
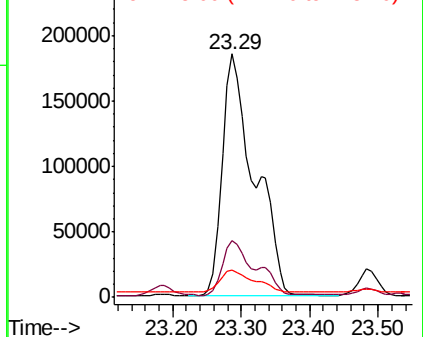
125 11.2 0.0 18.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 11.750 ng/ul

RT: 23.29 min Scan# 3839

Delta R.T. -0.04 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

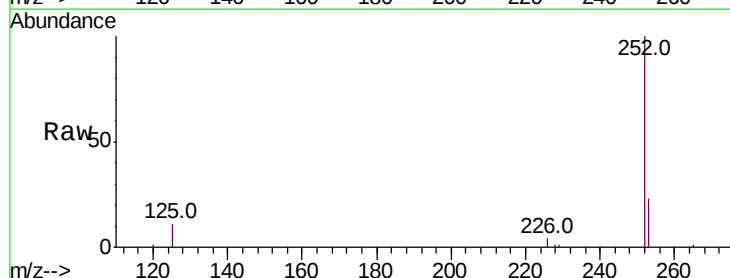
Tgt Ion:252 Resp: 606759

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

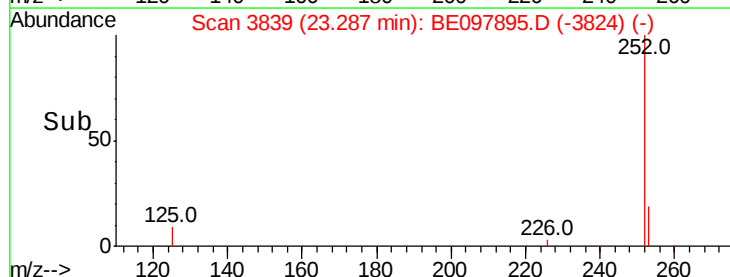
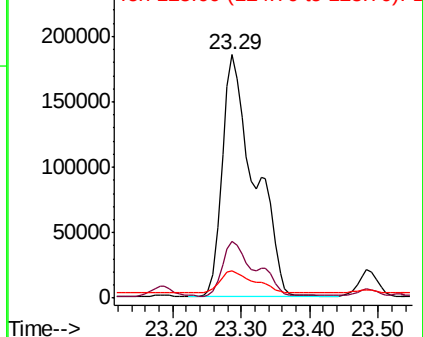
125 11.2 9.4 14.0

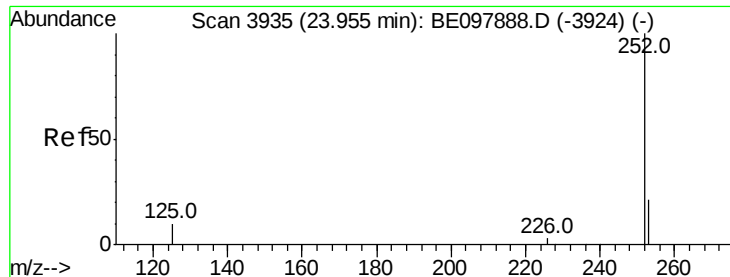


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 5.267 ng/ul

RT: 23.96 min Scan# 3935

Delta R.T. 0.01 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

ClientSampleId :

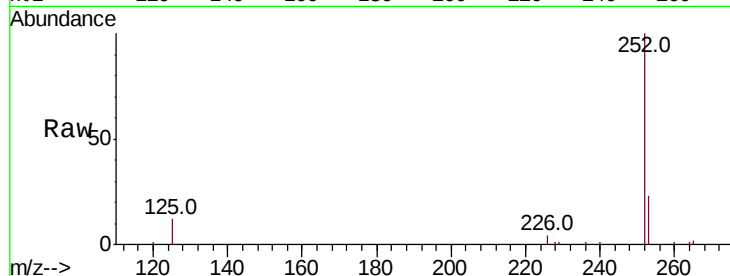
Tot Ion:252 Resp: 249458

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

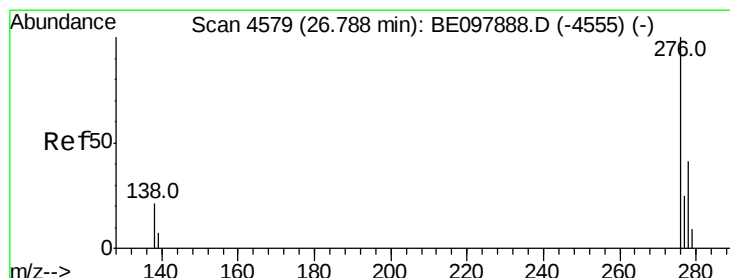
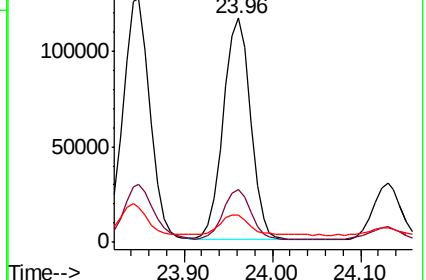
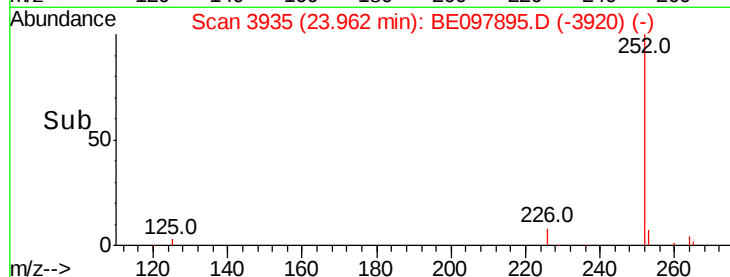
125 12.4 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.433 ng/ul

RT: 26.79 min Scan# 4579

Delta R.T. 0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

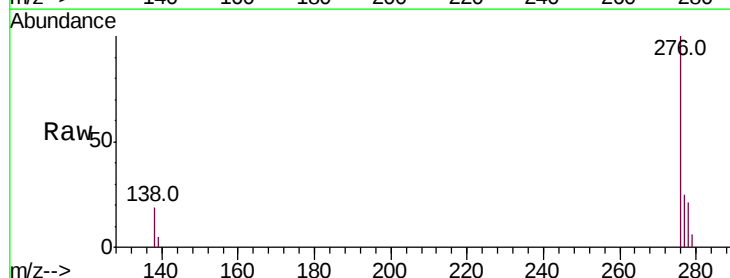
Tgt Ion:276 Resp: 184606

Ion Ratio Lower Upper

276 100

138 18.1 0.0 0.0#

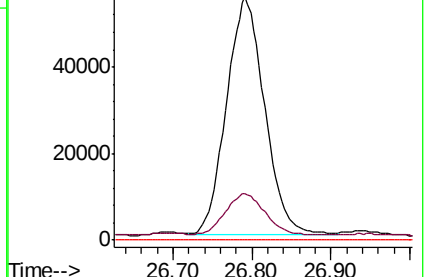
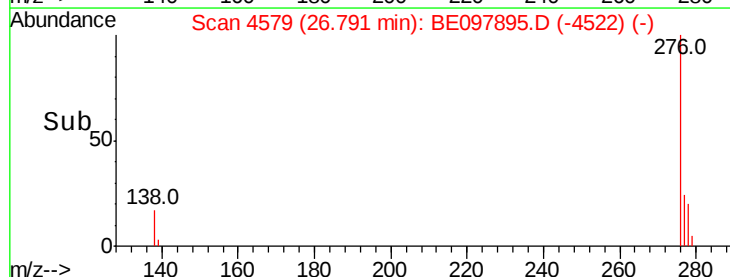
227 0.0 0.0 0.0

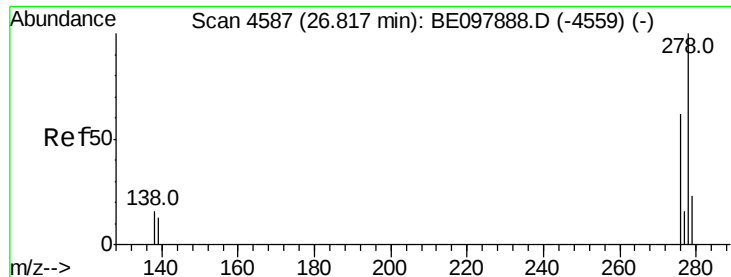


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.117 ng/ul

RT: 26.81 min Scan# 4585

Delta R.T. -0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

Instrument :

BNA_E

ClientSampleId :

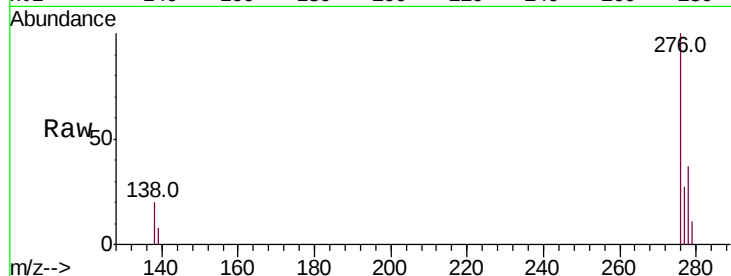
Tot Ion:278 Resp: 49641

Ion Ratio Lower Upper

278 100

139 22.6 10.9 16.3#

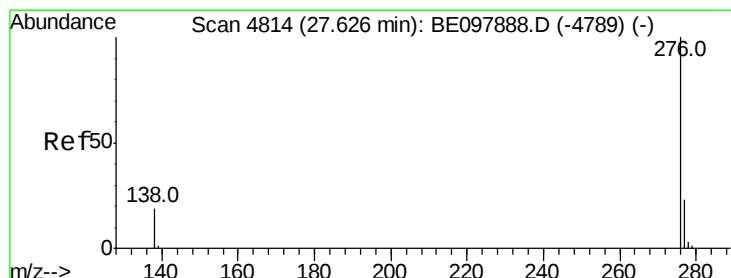
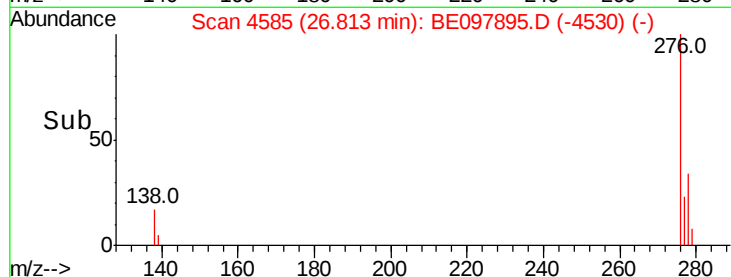
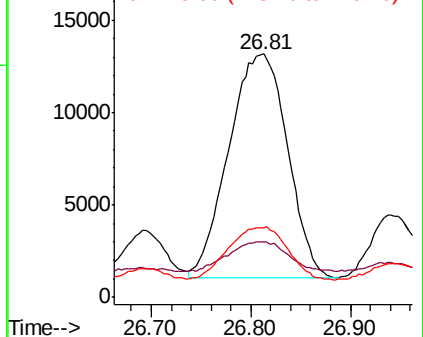
279 28.7 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 4.232 ng/ul

RT: 27.63 min Scan# 4814

Delta R.T. 0.00 min

Lab File: BE097895.D

Acq: 13 Oct 2018 1:00

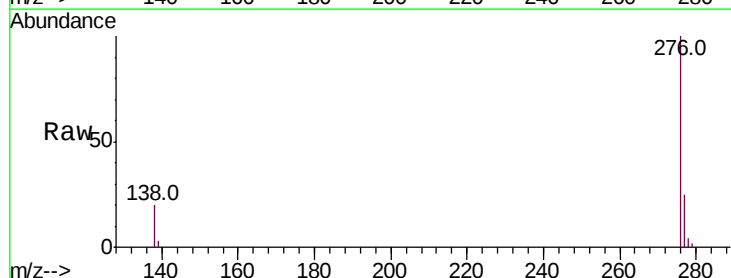
Tgt Ion:276 Resp: 198254

Ion Ratio Lower Upper

276 100

138 20.3 14.3 21.5

277 24.7 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

