

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097855.D
 Acq On : 11 Oct 2018 13:26
 Operator : SJ/JU
 Sample : SSTD3.249
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD3.249

Quant Time: Oct 11 14:12:58 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 : Thu Oct 11 12:14:30 2018
 Response via : Initial Calibration

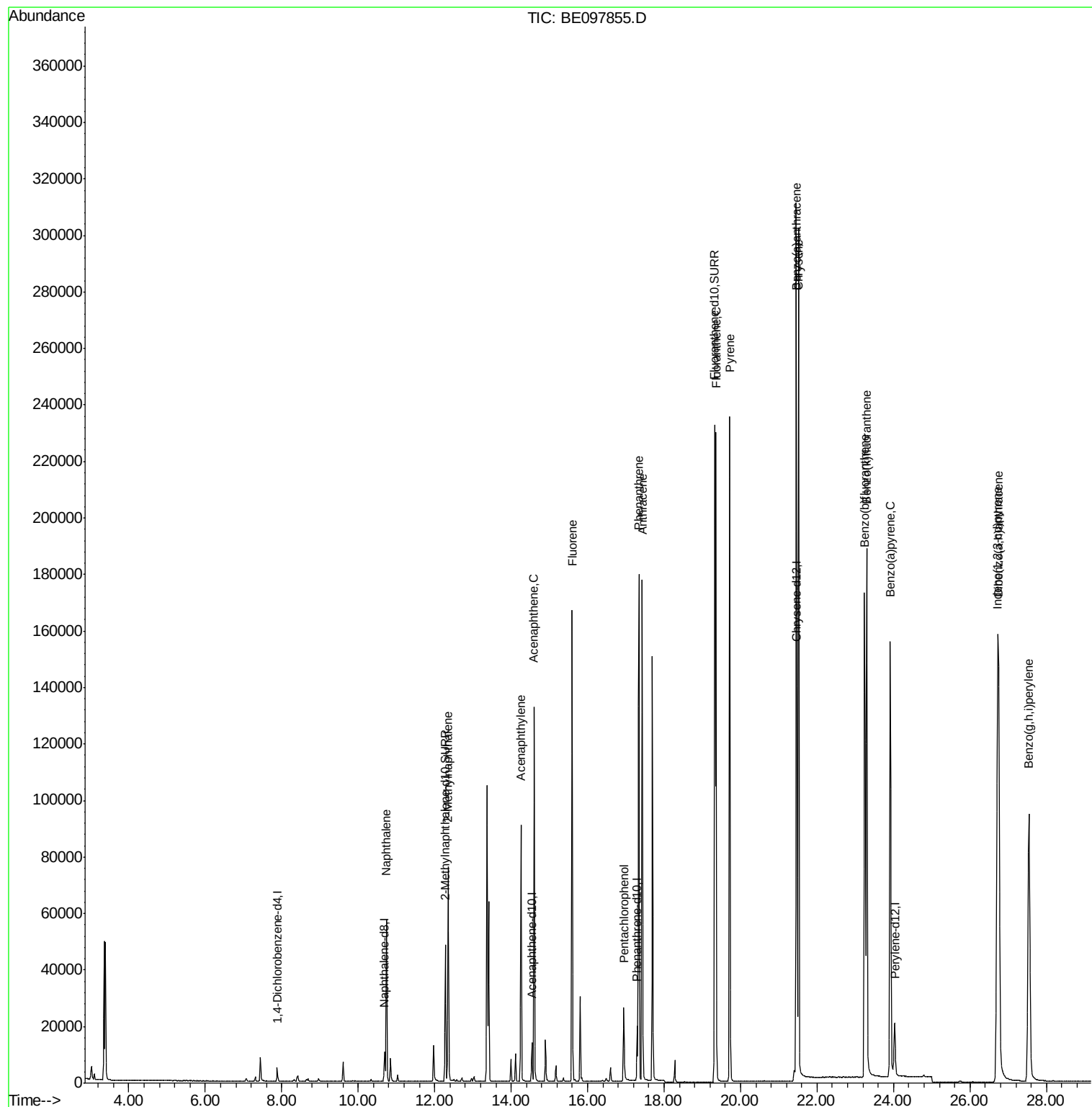
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2285	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10951	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	7783	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	23372	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	29542	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	27618	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	61859	3.60	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	266268	3.50	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	87035	3.302	ng/ul	99
5) 2-Methylnaphthalene	12.36	142	64924	3.705	ng/ul	99
7) Acenaphthylene	14.26	152	103475	3.773	ng/ul	99
8) Acenaphthene	14.60	153	77429	3.389	ng/ul	98
9) Fluorene	15.59	166	101567	3.688	ng/ul	99
11) Pentachlorophenol	16.94	266	14076	6.599	ng/ul	98
12) Phenanthrene	17.34	178	184767	3.308	ng/ul	98
13) Anthracene	17.43	178	183709	3.874	ng/ul	99
15) Fluoranthene	19.36	202	251657	3.419	ng/ul	97
17) Pyrene	19.72	202	316250	4.357	ng/ul	98
18) Benzo(a)anthracene	21.46	228	316328	3.858	ng/ul	99
19) Chrysene	21.52	228	276869	3.500	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	258863	3.627	ng/ul	96
22) Benzo(k)fluoranthene	23.30	252	266790	3.298	ng/ul#	97
23) Benzo(a)pyrene	23.91	252	249032	3.813	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.72	276	286373	3.863	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.75	278	239575	3.866	ng/ul	99
26) Benzo(g,h,i)perylene	27.54	276	242586	3.466	ng/ul	99

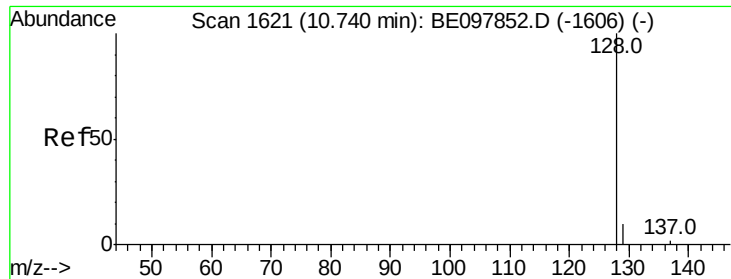
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.302 ng/ul

RT: 10.74 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD3.249

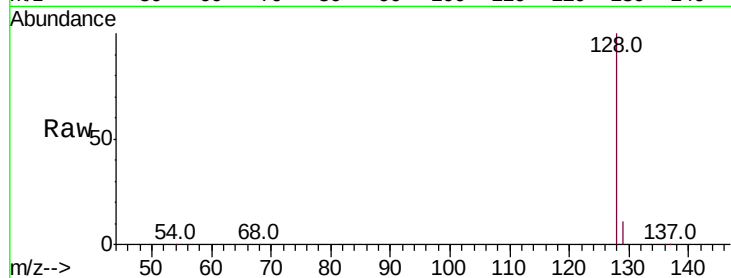
Tot Ion:128 Resp: 87035

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

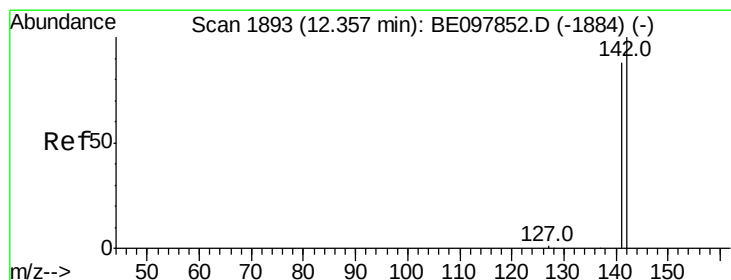
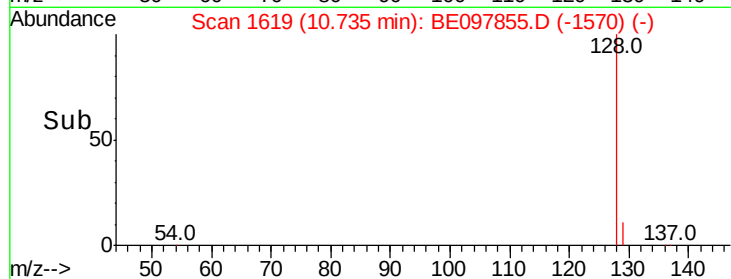
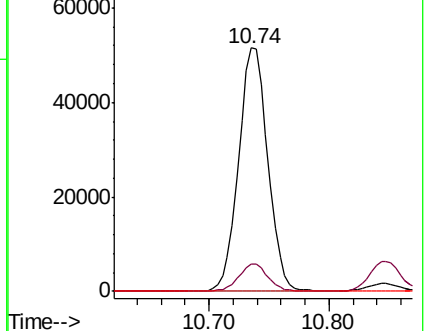
127 0.0 0.0 0.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 3.705 ng/ul

RT: 12.36 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BE097855.D

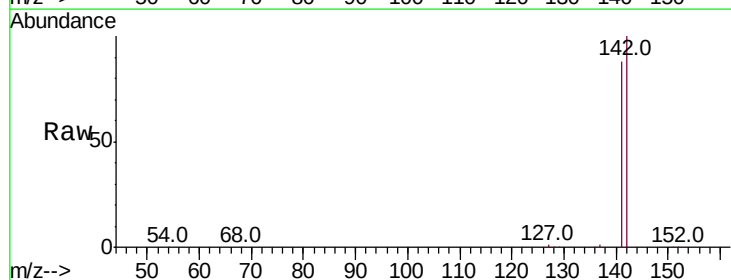
Acq: 11 Oct 2018 13:26

Tgt Ion:142 Resp: 64924

Ion Ratio Lower Upper

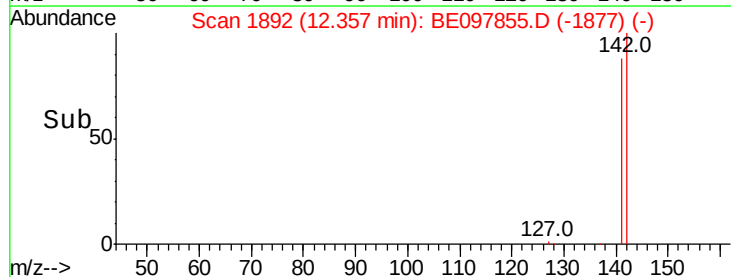
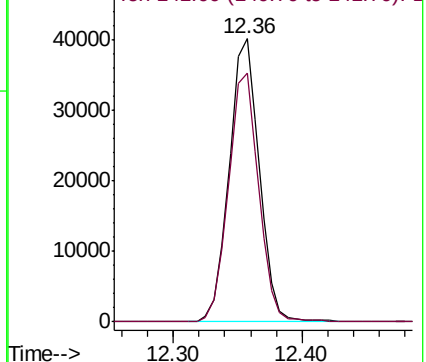
142 100

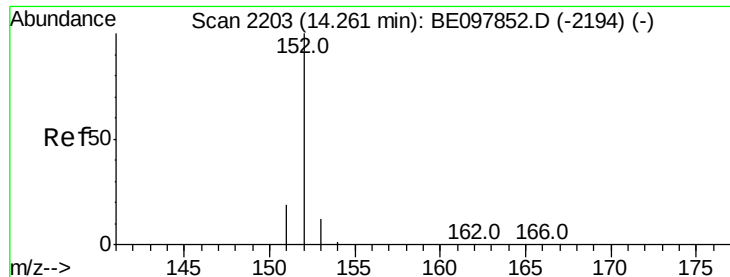
141 88.3 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.773 ng/ul

RT: 14.26 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD3.249

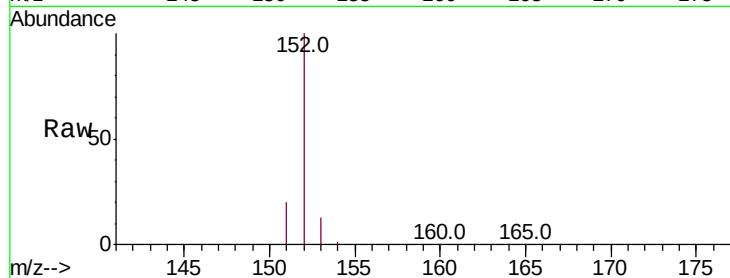
Tot Ion:152 Resp: 103475

Ion Ratio Lower Upper

152 100

151 19.6 15.0 22.6

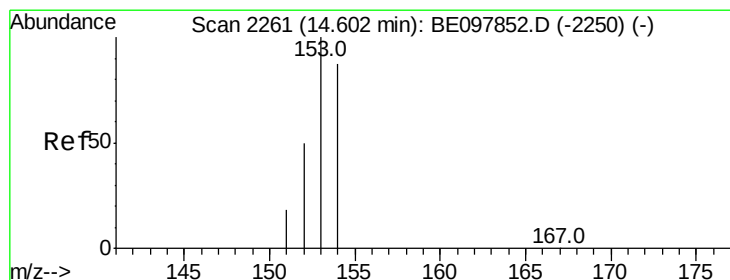
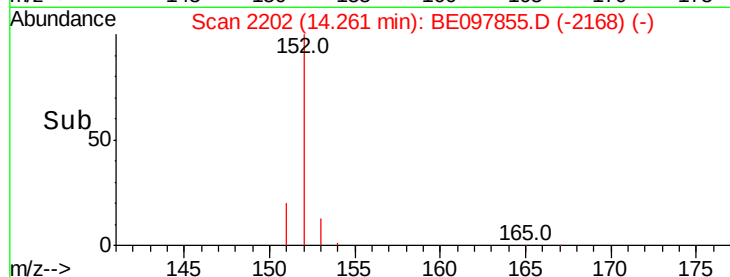
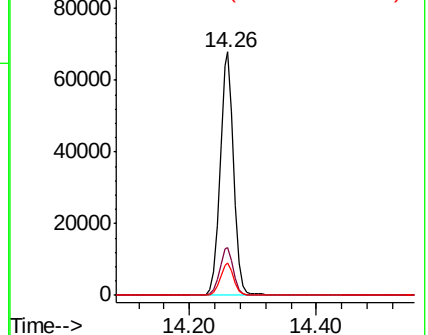
153 13.3 10.5 15.7



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: 3.389 ng/ul

RT: 14.60 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

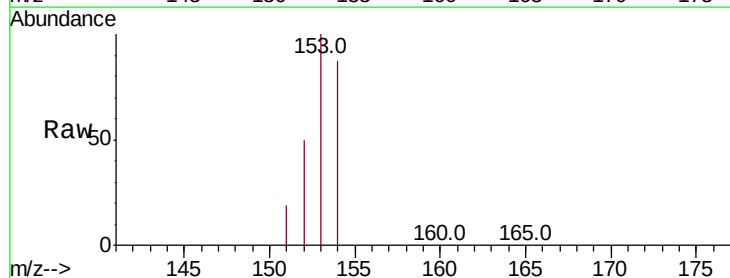
Tgt Ion:153 Resp: 77429

Ion Ratio Lower Upper

153 100

152 49.7 41.2 61.8

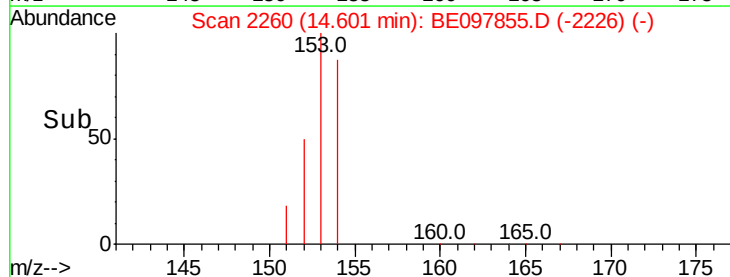
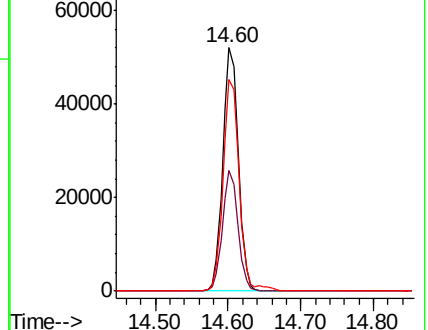
154 86.8 68.6 103.0

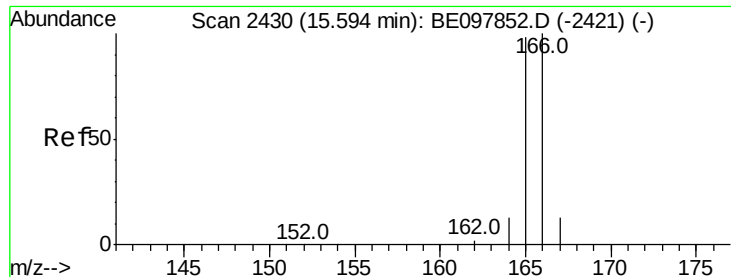


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 3.688 ng/ul

RT: 15.59 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD3.249

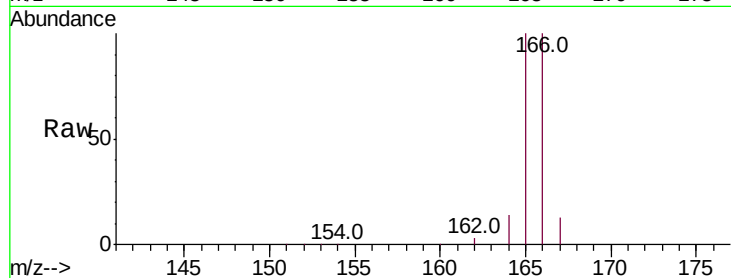
Tot Ion:166 Resp: 101567

Ion Ratio Lower Upper

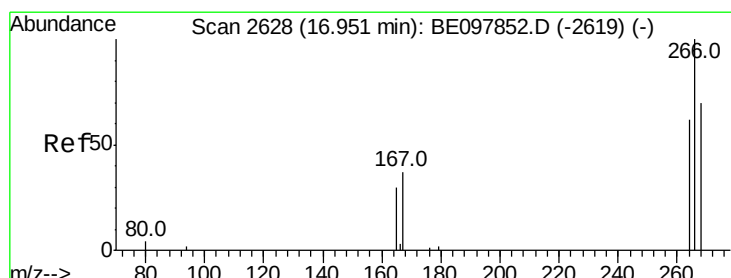
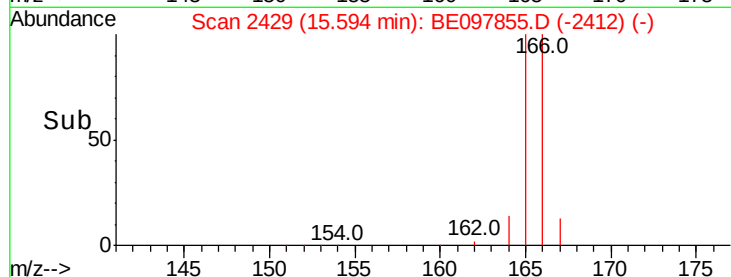
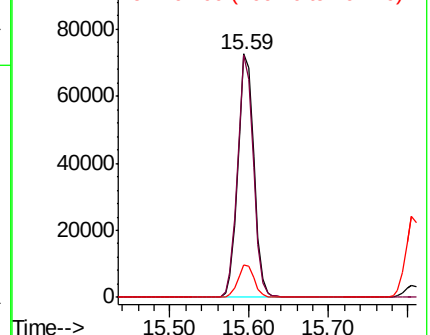
166 100

165 99.8 79.2 118.8

167 13.4 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: 6.599 ng/ul

RT: 16.94 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

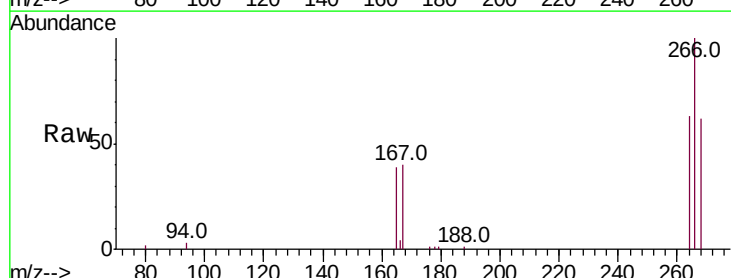
Tgt Ion:266 Resp: 14076

Ion Ratio Lower Upper

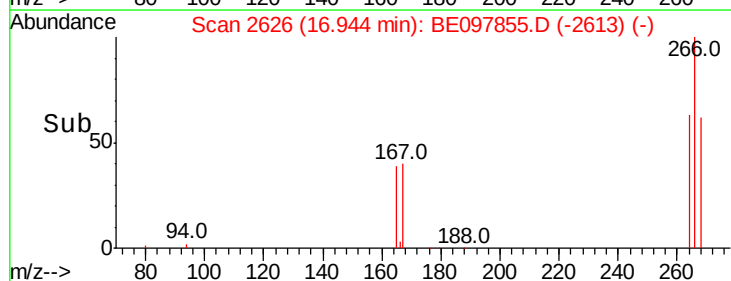
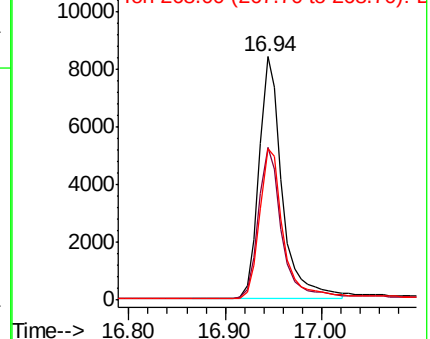
266 100

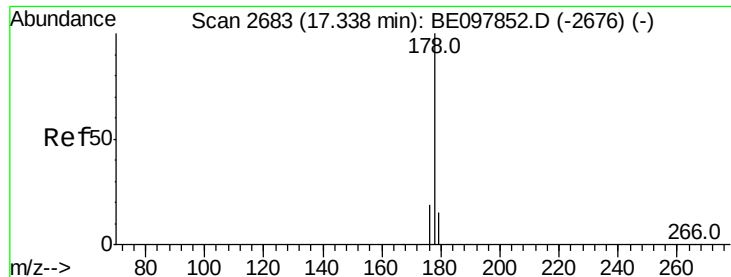
264 62.8 49.8 74.8

268 63.3 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: 3.308 ng/ul

RT: 17.34 min Scan# 2682

Delta R.T. -0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD3.249

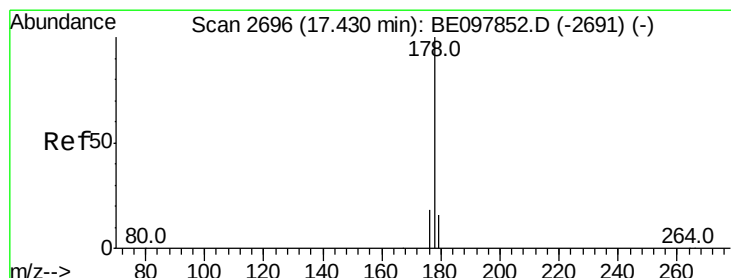
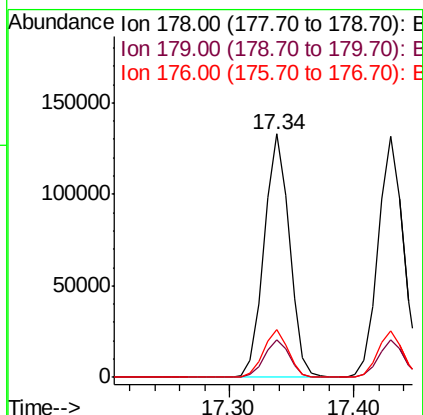
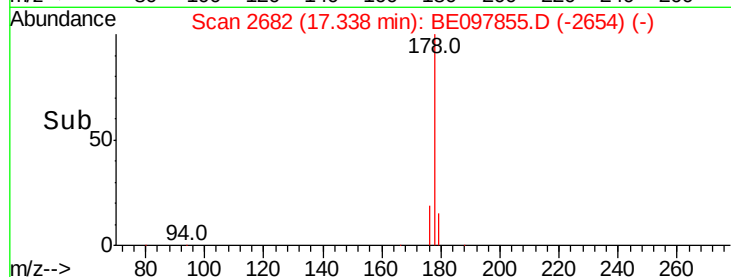
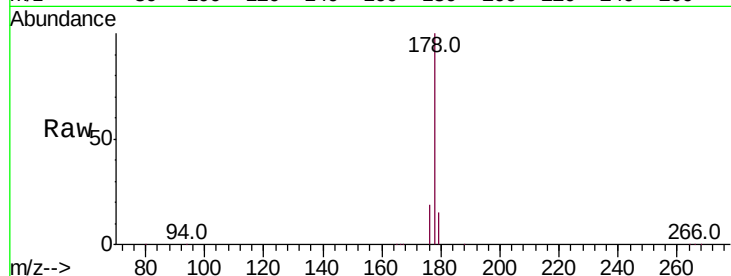
Tot Ion:178 Resp: 184767

Ion Ratio Lower Upper

178 100

179 15.2 12.8 19.2

176 19.4 14.9 22.3



#13

Anthracene

Concen: 3.874 ng/ul

RT: 17.43 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

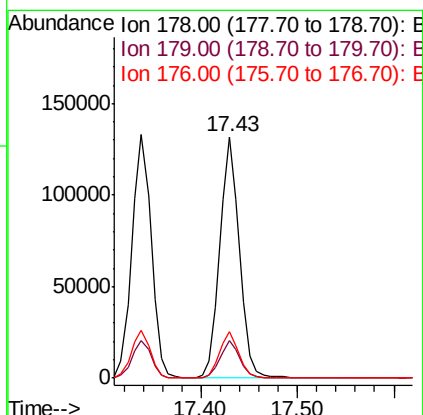
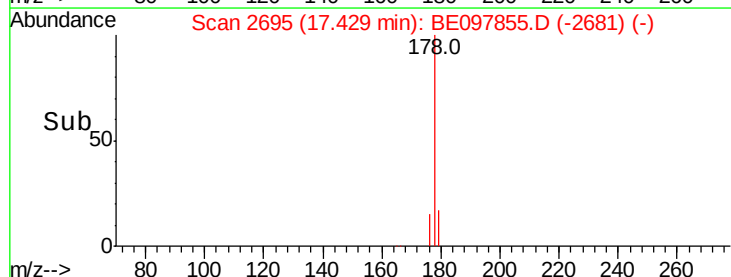
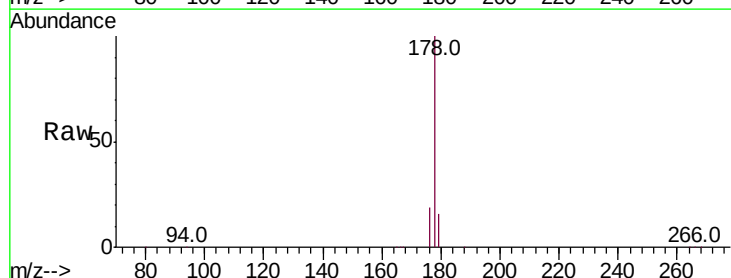
Tgt Ion:178 Resp: 183709

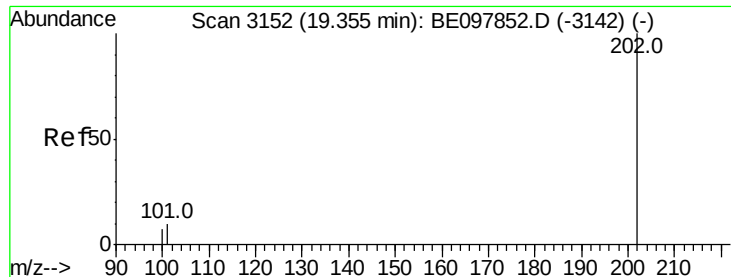
Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

176 19.0 15.5 23.3





#15

Fluoranthene

Concen: 3.419 ng/ul

RT: 19.36 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD3.249

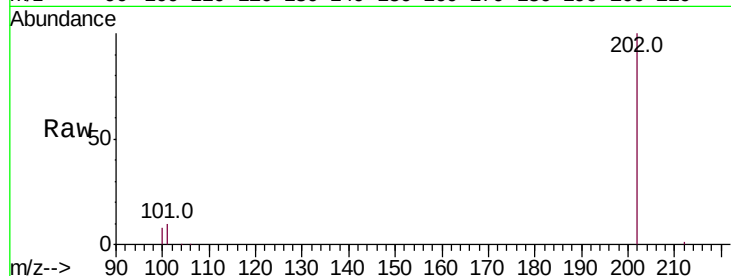
Tot Ion:202 Resp: 251657

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

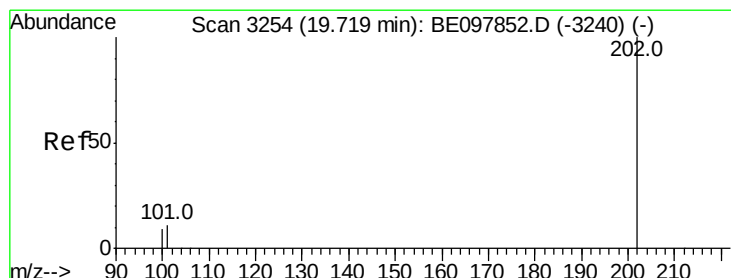
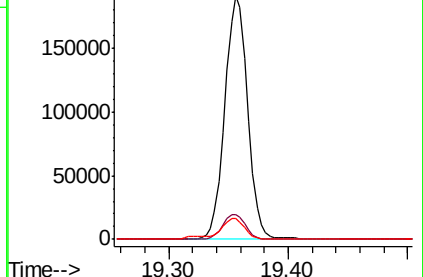
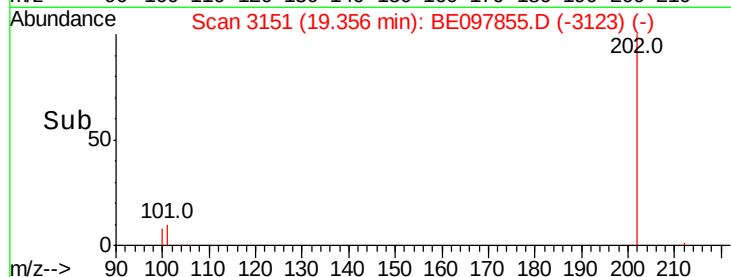
100 8.3 0.0 27.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 4.357 ng/ul

RT: 19.72 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

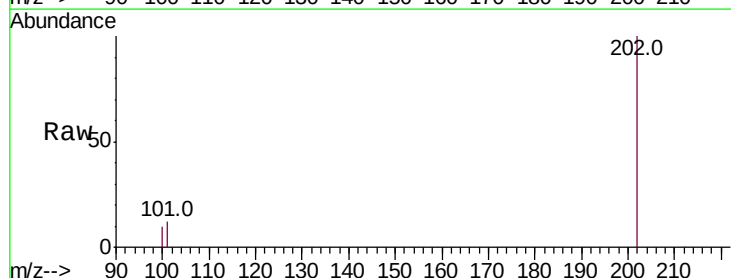
Tgt Ion:202 Resp: 316250

Ion Ratio Lower Upper

202 100

101 12.1 8.8 13.2

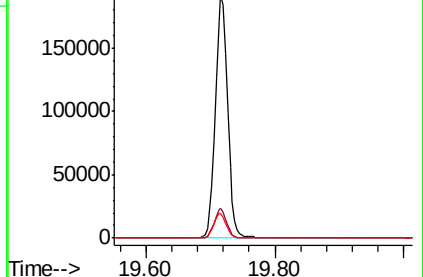
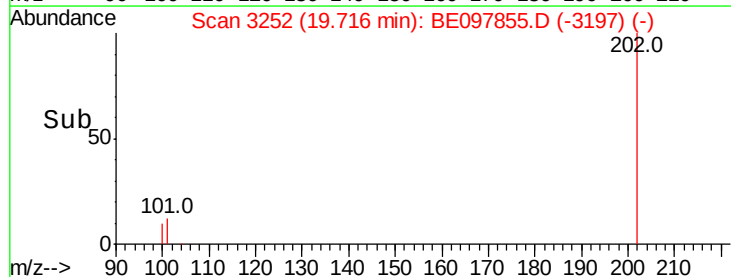
100 10.4 7.9 11.9

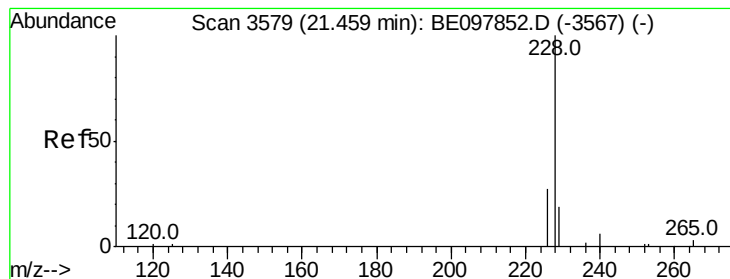


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 3.858 ng/ul

RT: 21.46 min Scan# 3578

Delta R.T. 0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

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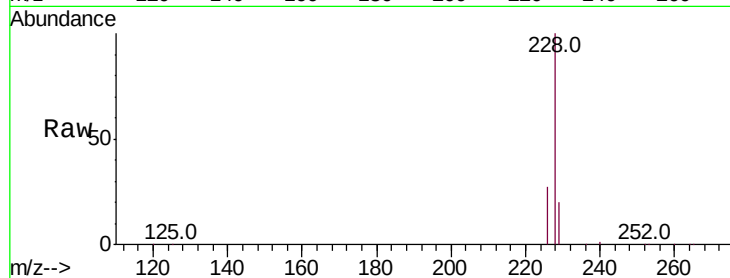
Tot Ion:228 Resp: 316328

Ion Ratio Lower Upper

228 100

229 19.5 16.4 24.6

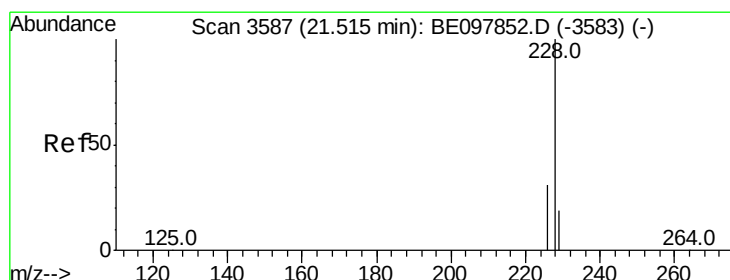
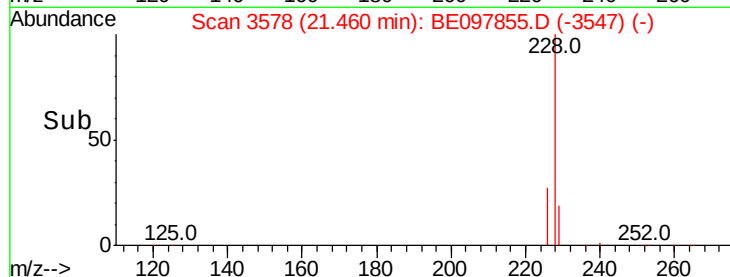
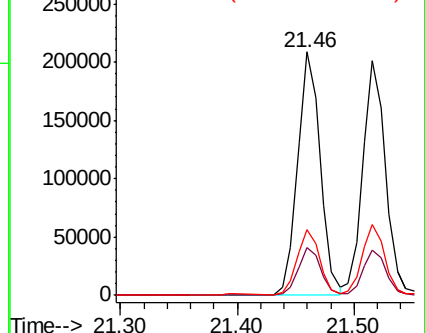
226 27.2 21.5 32.3



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: 3.500 ng/ul

RT: 21.52 min Scan# 3586

Delta R.T. 0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

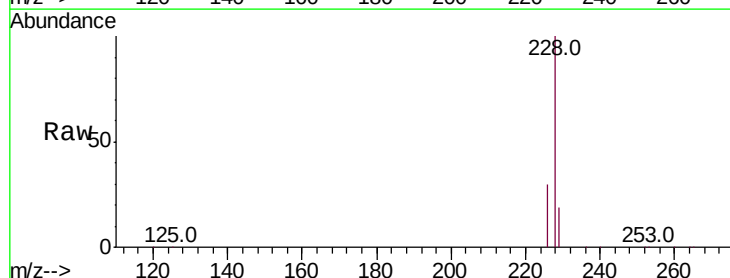
Tgt Ion:228 Resp: 276869

Ion Ratio Lower Upper

228 100

226 30.0 23.0 34.4

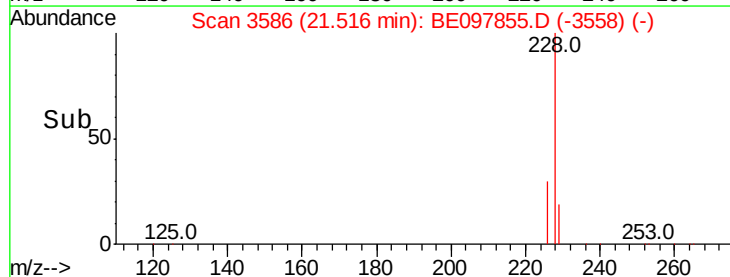
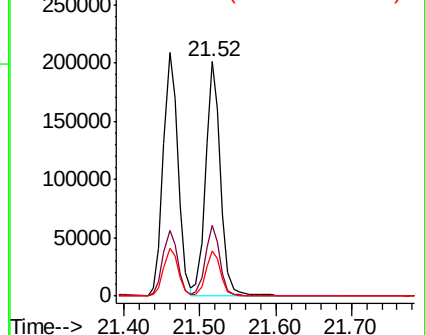
229 19.5 15.5 23.3

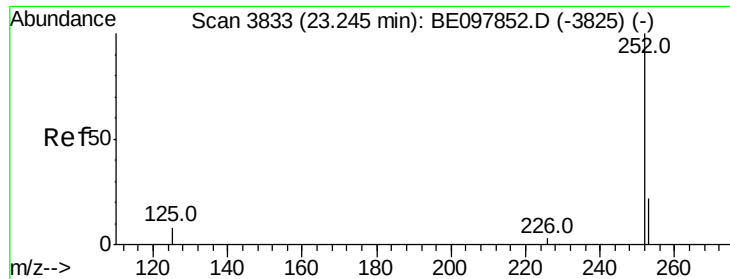


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 3.627 ng/ul

RT: 23.25 min Scan# 3833

Delta R.T. 0.01 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD3.249

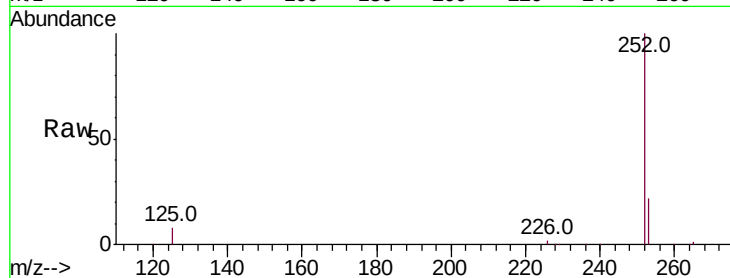
Tot Ion:252 Resp: 258863

Ion Ratio Lower Upper

252 100

253 21.8 0.0 47.0

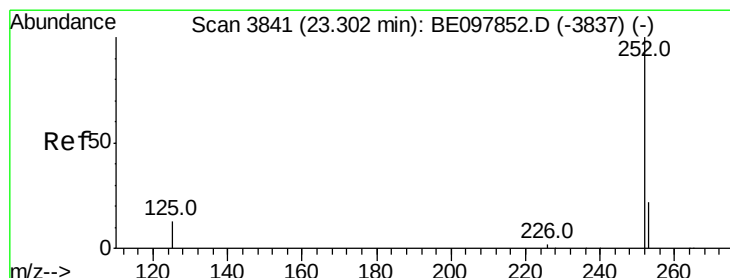
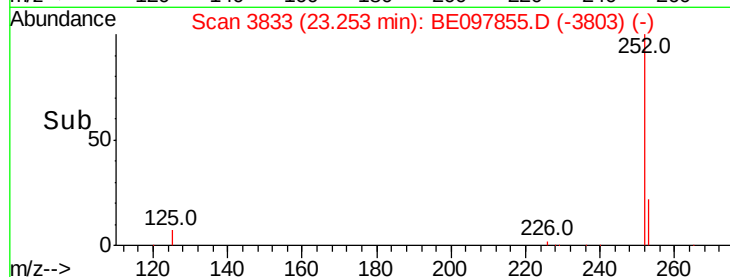
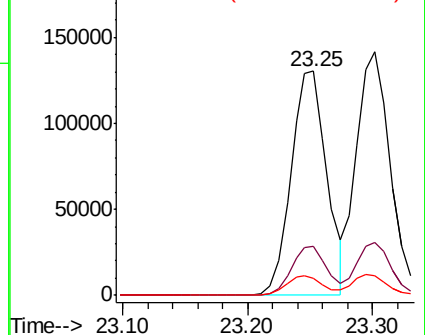
125 7.6 0.0 18.2



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: 3.298 ng/ul

RT: 23.30 min Scan# 3840

Delta R.T. 0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

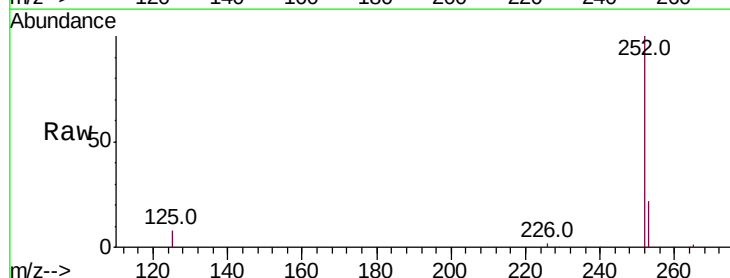
Tgt Ion:252 Resp: 266790

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

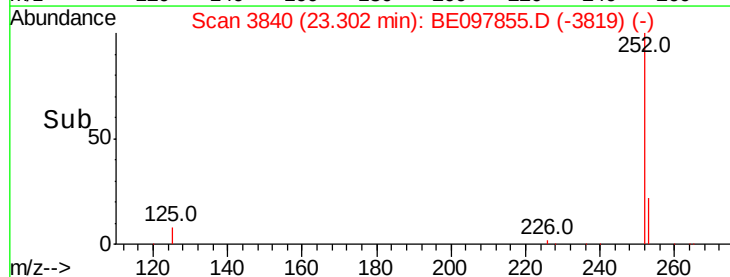
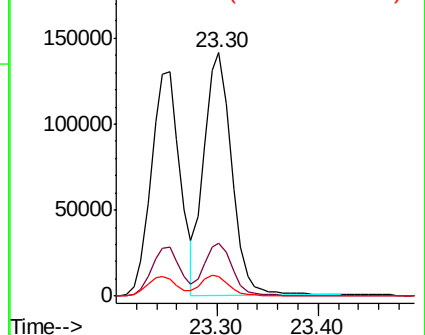
125 8.2 9.4 14.0#

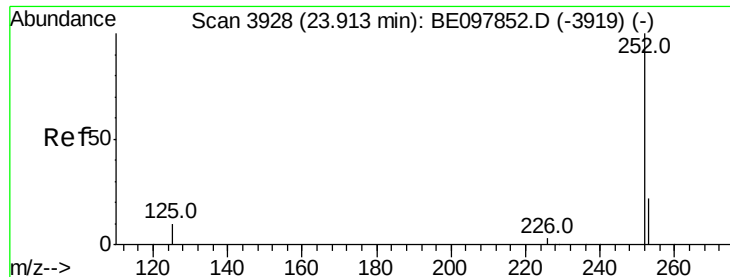


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.813 ng/ul

RT: 23.91 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD3.249

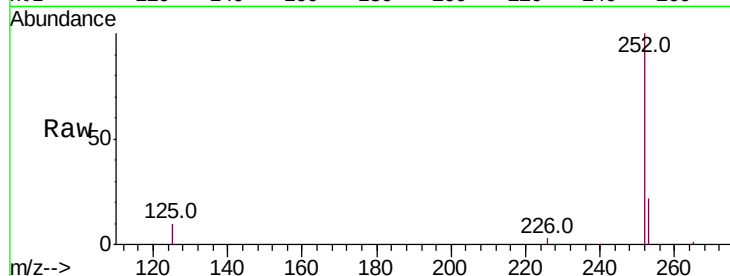
Tot Ion:252 Resp: 249032

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

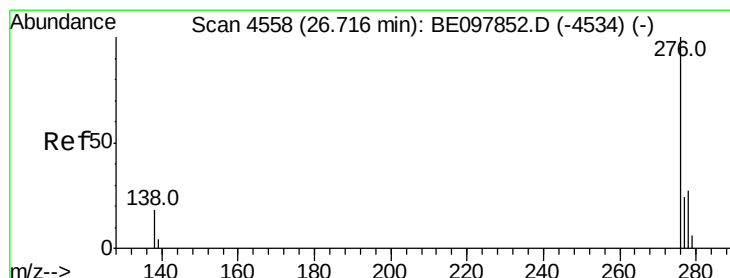
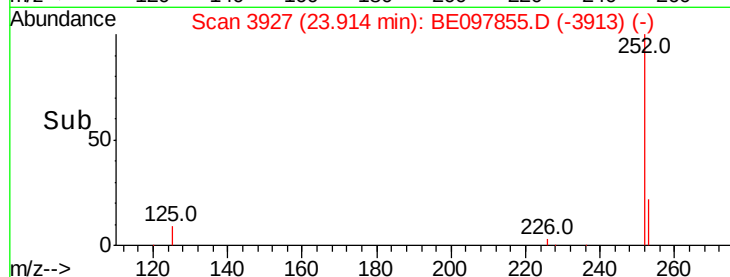
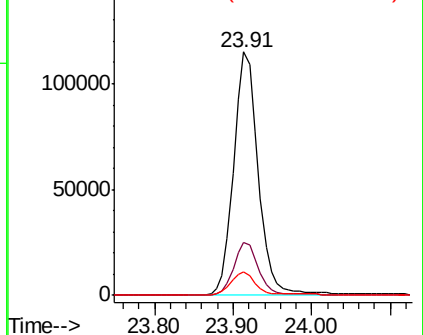
125 9.7 8.3 12.5



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: 3.863 ng/ul

RT: 26.72 min Scan# 4558

Delta R.T. 0.00 min

Lab File: BE097855.D

Acq: 11 Oct 2018 13:26

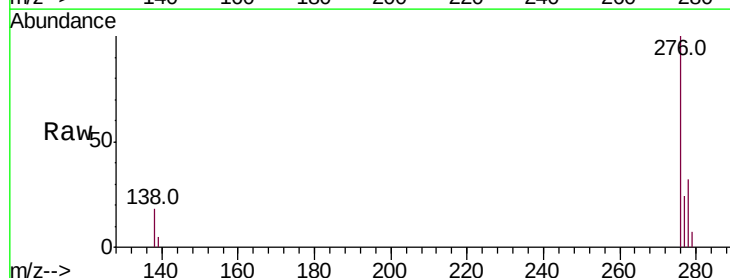
Tgt Ion:276 Resp: 286373

Ion Ratio Lower Upper

276 100

138 21.2 0.0 0.0#

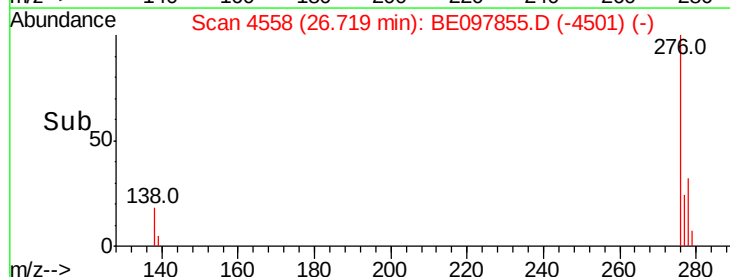
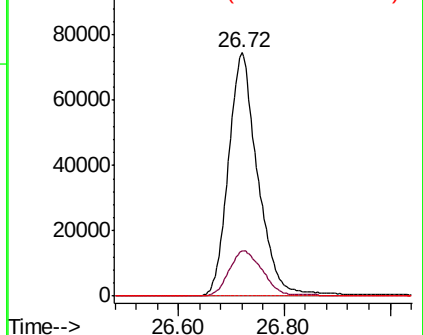
227 0.0 0.0 0.0

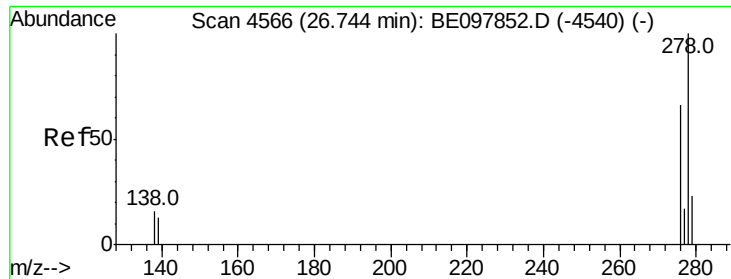


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



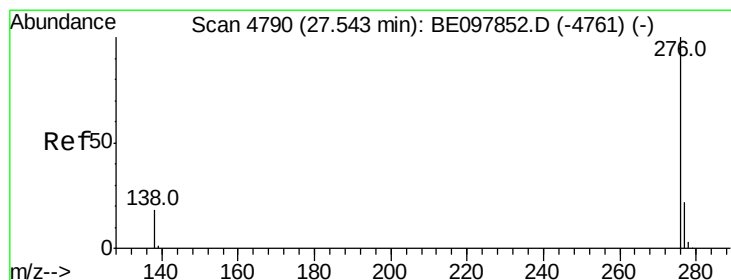
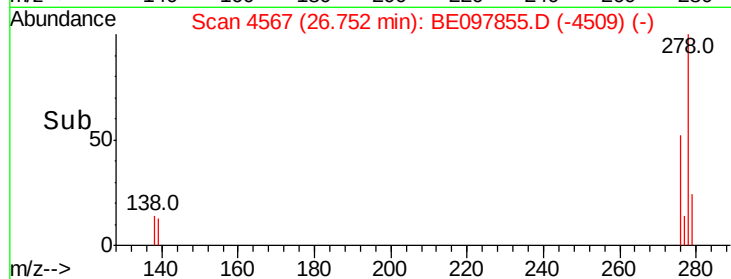
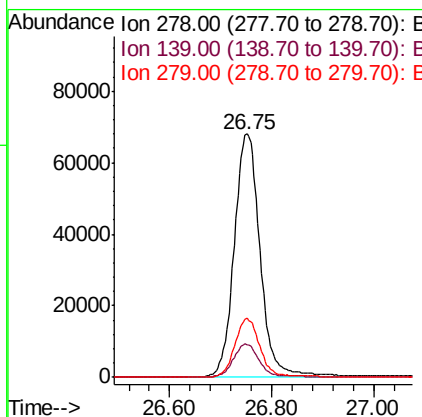
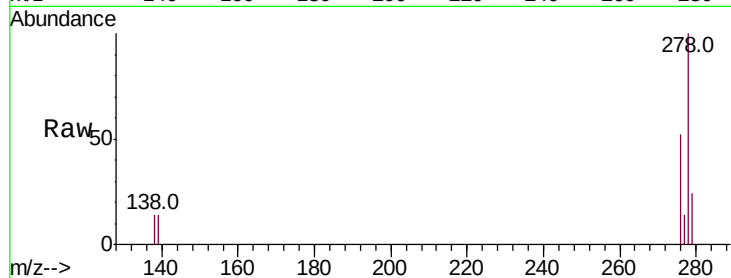


#25
Dibenzo(a,h)anthracene
Concen: 3.866 ng/ul
RT: 26.75 min Scan# 4567
Delta R.T. 0.01 min
Lab File: BE097855.D
Acq: 11 Oct 2018 13:26

Instrument :
BNA_E
ClientSampleId :
SSTD3.249

Tot Ion:278 Resp: 239575

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.9	16.3
279	24.3	18.8	28.2



#26
Benzo(g,h,i)perylene
Concen: 3.466 ng/ul
RT: 27.54 min Scan# 4789
Delta R.T. 0.00 min
Lab File: BE097855.D
Acq: 11 Oct 2018 13:26

Tgt Ion:276 Resp: 242586

Ion	Ratio	Lower	Upper
276	100		
138	18.7	14.3	21.5
277	23.8	19.5	29.3

