

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
 Data File : BE097897.D
 Acq On : 13 Oct 2018 2:11
 Operator : SJ/JU
 Sample : J5183-21DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 13 03:01:52 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

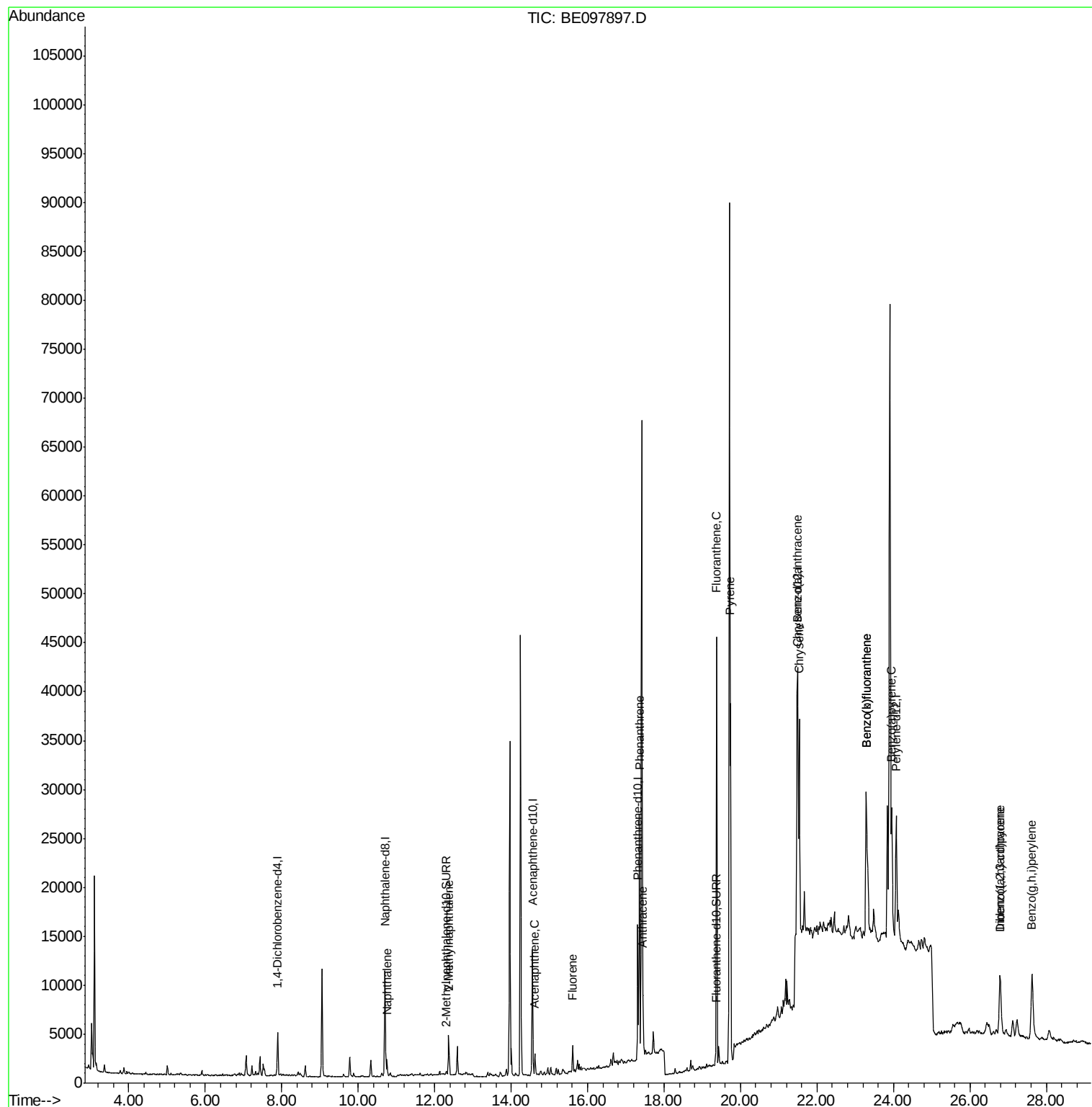
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2161	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11209	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	7300	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	17090	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	17746	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	18368	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	453	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	1338	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	2643	0.097	ng/ul#	91
5) 2-Methylnaphthalene	12.37	142	3375	0.171	ng/ul	100
8) Acenaphthene	14.62	153	1359	0.063	ng/ul	97
9) Fluorene	15.61	166	1781	0.064	ng/ul#	92
12) Phenanthrene	17.36	178	28468	0.704	ng/ul	97
13) Anthracene	17.45	178	6688	0.178	ng/ul#	93
15) Fluoranthene	19.37	202	48250	0.929	ng/ul	95
17) Pyrene	19.74	202	55004	1.040	ng/ul	98
18) Benzo(a)anthracene	21.48	228	31496	0.587	ng/ul#	87
19) Chrysene	21.54	228	23918	0.496	ng/ul#	87
21) Benzo(b)fluoranthene	23.29	252	35814	0.730	ng/ul#	54
22) Benzo(k)fluoranthene	23.29	252	35592	0.677	ng/ul#	50
23) Benzo(a)pyrene	23.95	252	22214	0.461	ng/ul#	56
24) Indeno(1,2,3-cd)pyrene	26.79	276	12456	0.228	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.80	278	3647	0.081	ng/ul#	1
26) Benzo(a,h,i)perylene	27.63	276	18343	0.385	ng/ul#	74

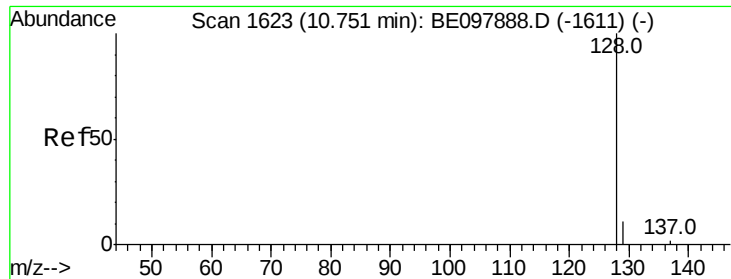
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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#3

Naphthalene

Concen: 0.097 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

ClientSampleId :

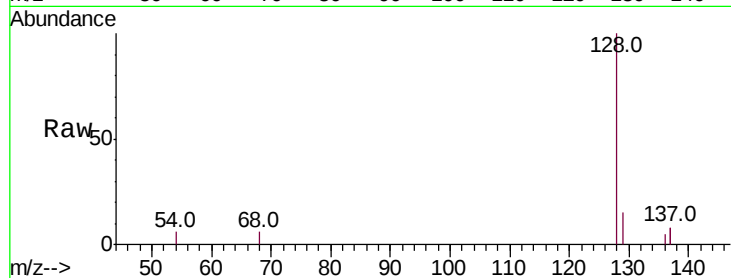
Tot Ion:128 Resp: 2643

Ion Ratio Lower Upper

128 100

129 14.7 9.1 13.7#

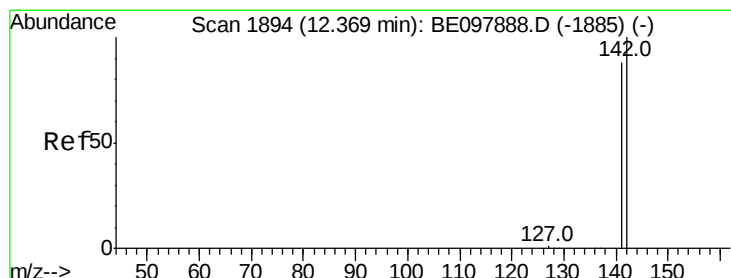
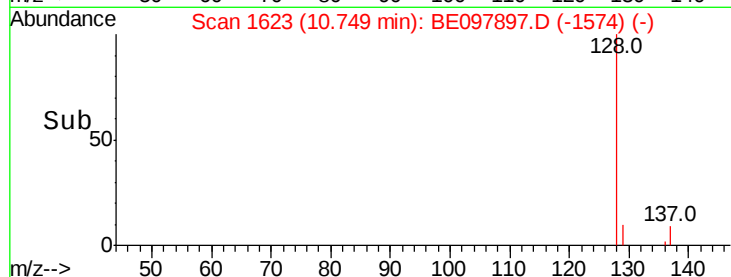
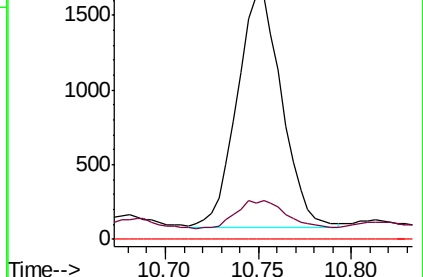
127 0.0 0.0 0.0



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: 0.171 ng/ul

RT: 12.37 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BE097897.D

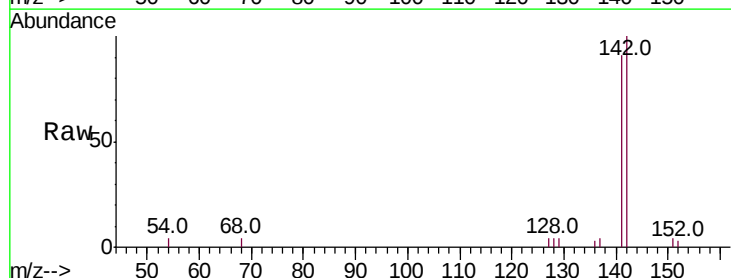
Acq: 13 Oct 2018 2:11

Tgt Ion:142 Resp: 3375

Ion Ratio Lower Upper

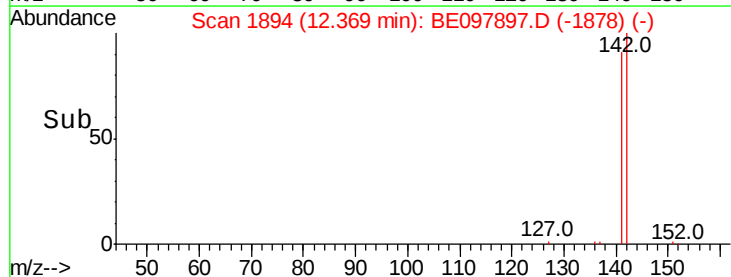
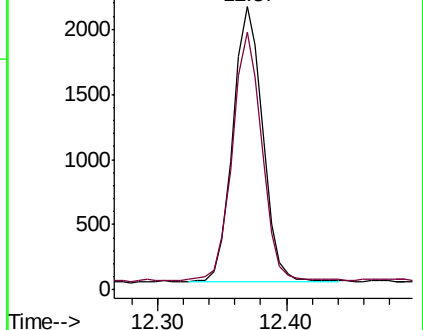
142 100

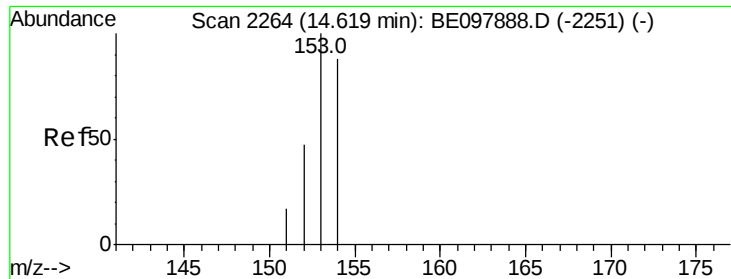
141 89.5 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.063 ng/ul

RT: 14.62 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

ClientSampleId :

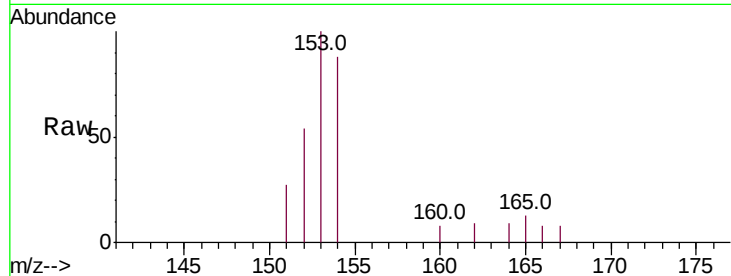
Tot Ion:153 Resp: 1359

Ion Ratio Lower Upper

153 100

152 53.7 41.2 61.8

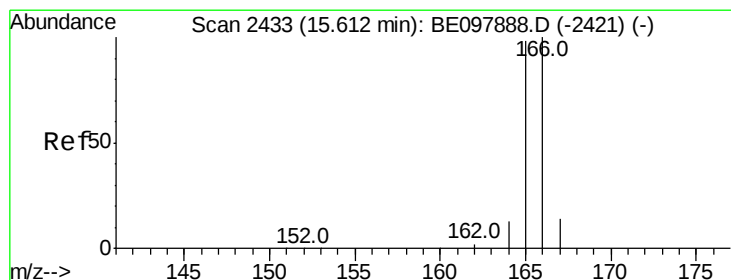
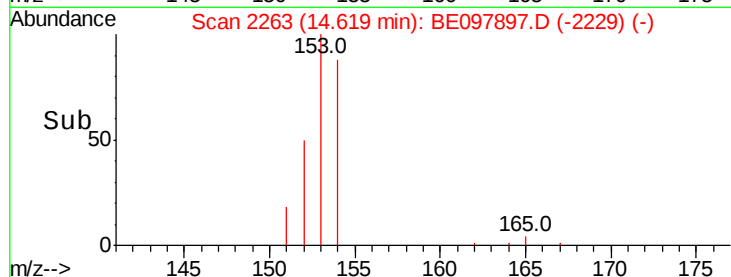
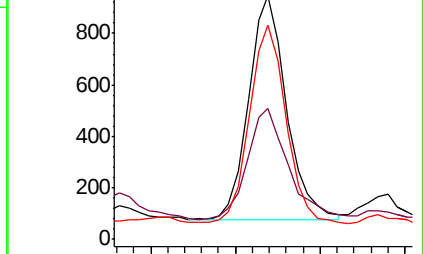
154 88.2 68.6 103.0



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: 0.064 ng/ul

RT: 15.61 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

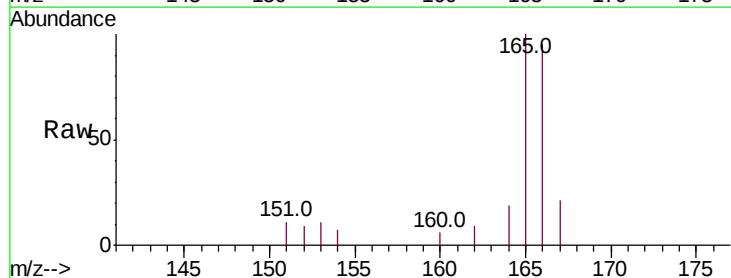
Tgt Ion:166 Resp: 1781

Ion Ratio Lower Upper

166 100

165 105.4 79.2 118.8

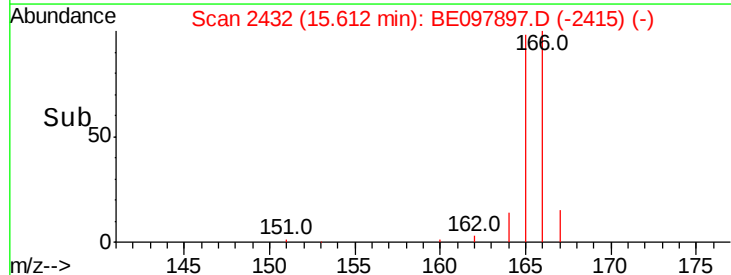
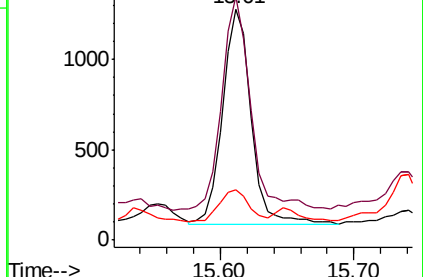
167 21.9 11.3 16.9#

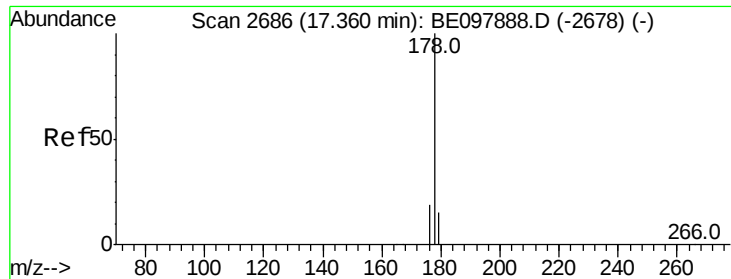


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.704 ng/ul

RT: 17.36 min Scan# 2685

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

ClientSampleId :

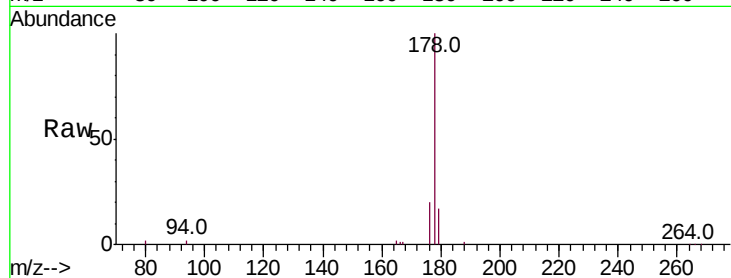
Tot Ion:178 Resp: 28468

Ion Ratio Lower Upper

178 100

179 16.9 12.8 19.2

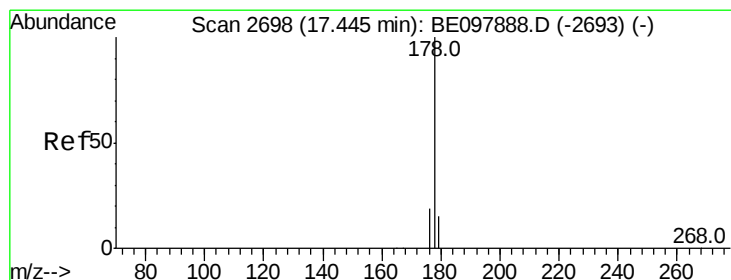
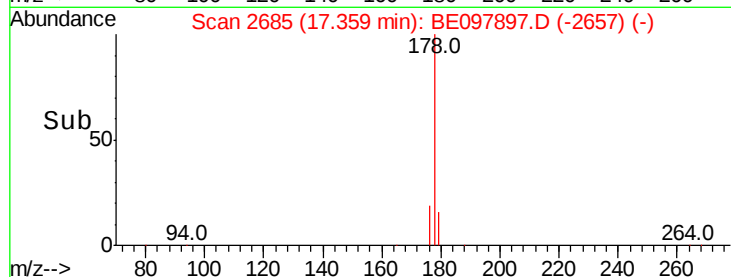
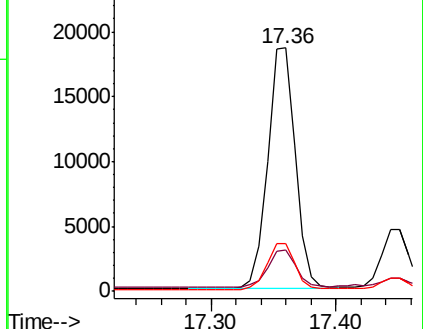
176 19.9 14.9 22.3



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: 0.178 ng/ul

RT: 17.45 min Scan# 2698

Delta R.T. 0.01 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

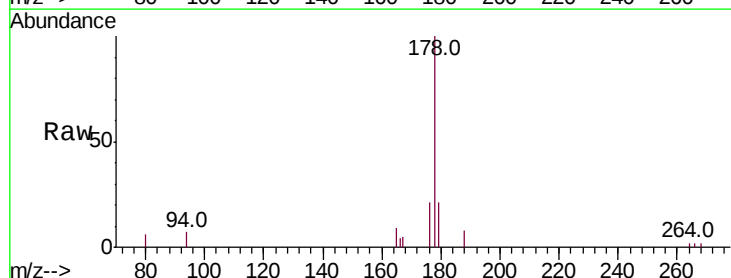
Tgt Ion:178 Resp: 6688

Ion Ratio Lower Upper

178 100

179 21.4 12.9 19.3#

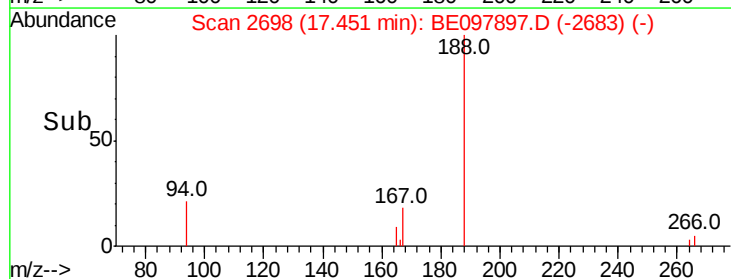
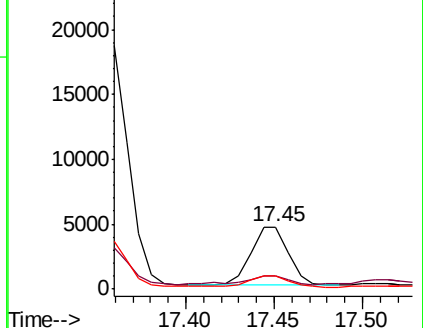
176 20.7 15.5 23.3

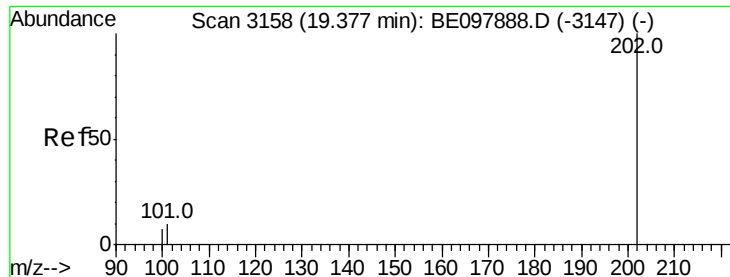


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.929 ng/ul

RT: 19.37 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

ClientSampleId :

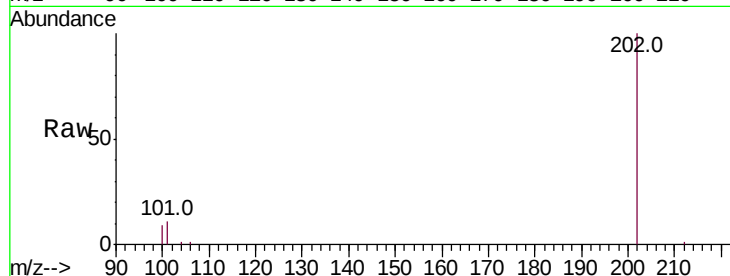
Tot Ion:202 Resp: 48250

Ion Ratio Lower Upper

202 100

101 11.0 0.0 29.3

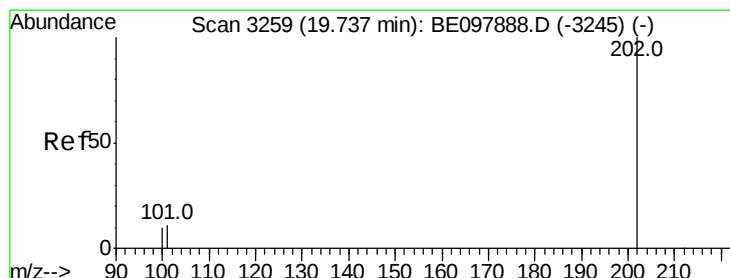
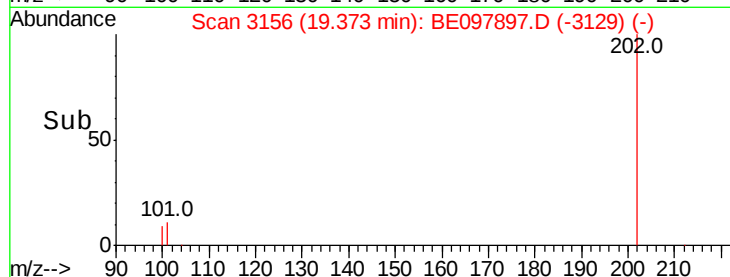
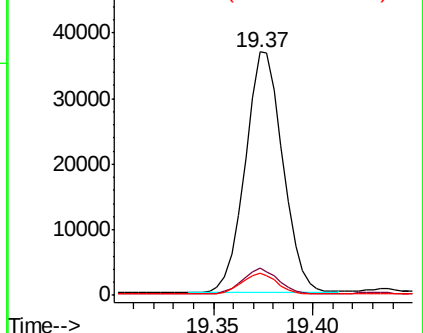
100 9.1 0.0 27.5



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: 1.040 ng/ul

RT: 19.74 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

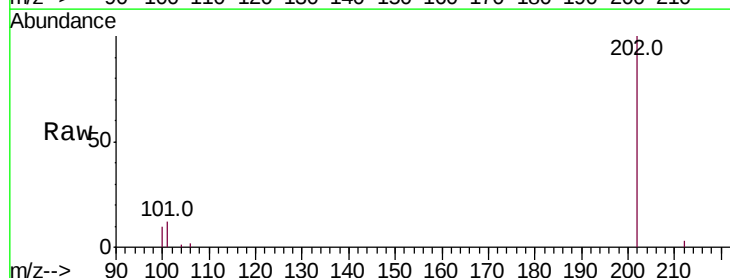
Tgt Ion:202 Resp: 55004

Ion Ratio Lower Upper

202 100

101 12.2 8.8 13.2

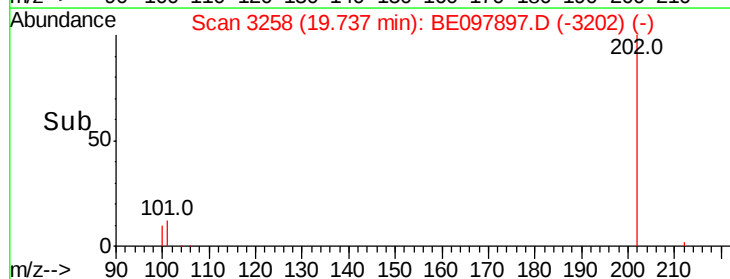
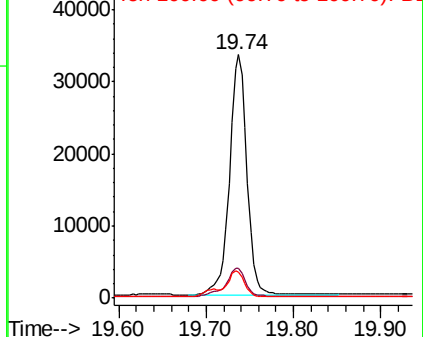
100 10.4 7.9 11.9

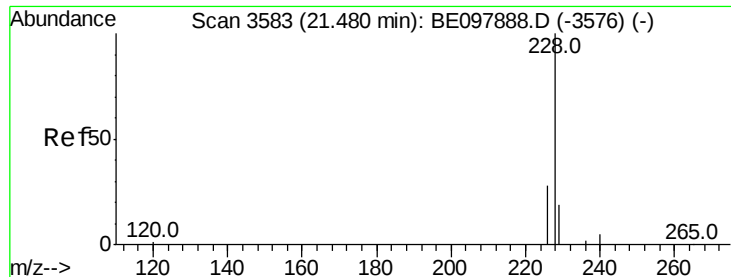


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.587 ng/ul

RT: 21.48 min Scan# 3582

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

ClientSampleId :

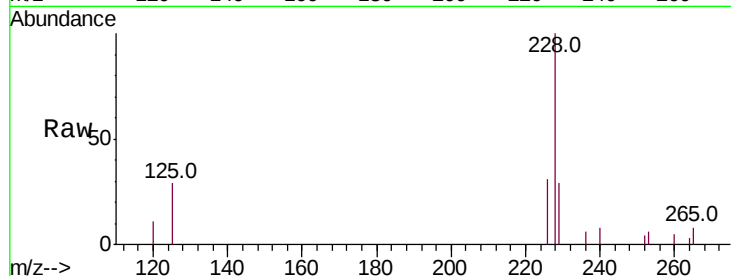
Tot Ion:228 Resp: 31496

Ion Ratio Lower Upper

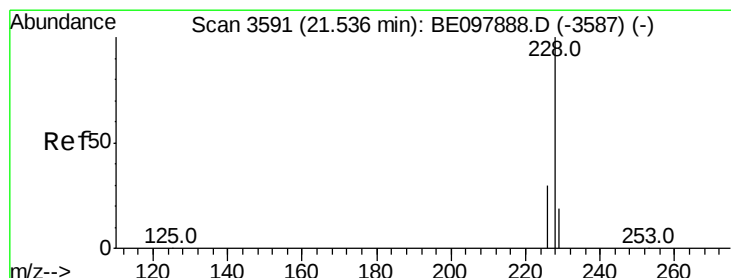
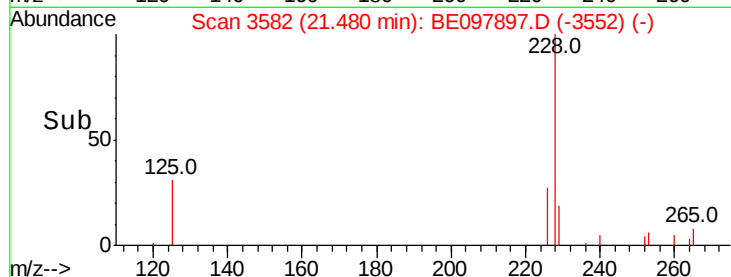
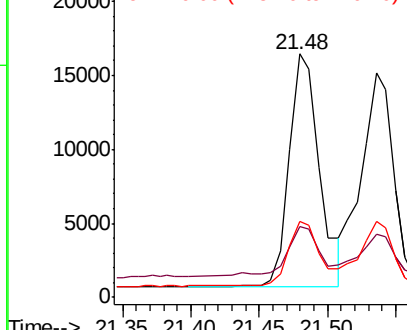
228 100

229 29.1 16.4 24.6#

226 31.2 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: 0.496 ng/ul

RT: 21.54 min Scan# 3590

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

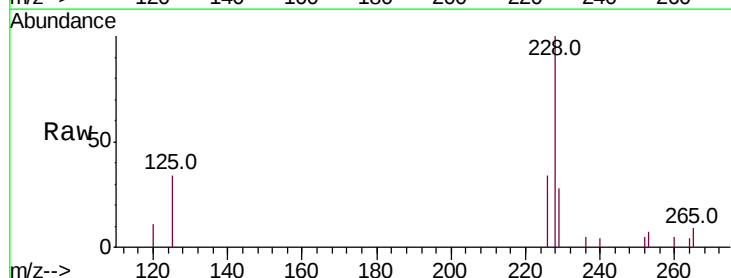
Tgt Ion:228 Resp: 23918

Ion Ratio Lower Upper

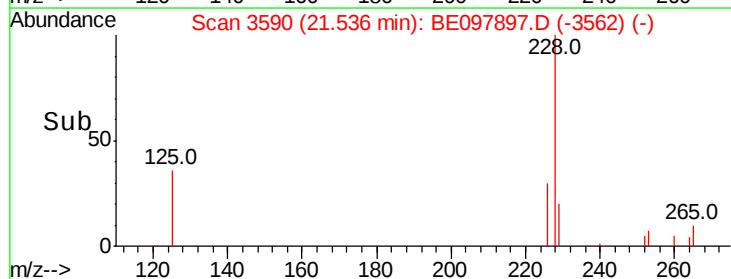
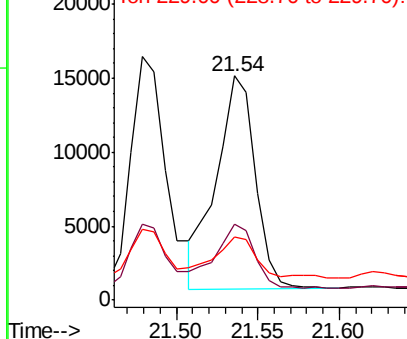
228 100

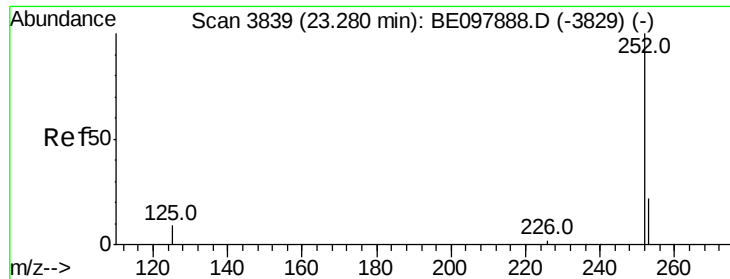
226 33.7 23.0 34.4

229 28.2 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: 0.730 ng/ul

RT: 23.29 min Scan# 3839

Delta R.T. 0.01 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

ClientSampleId :

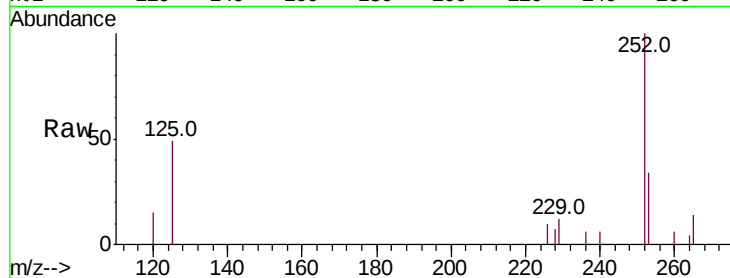
Tot Ion:252 Resp: 35814

Ion Ratio Lower Upper

252 100

253 34.0 0.0 47.0

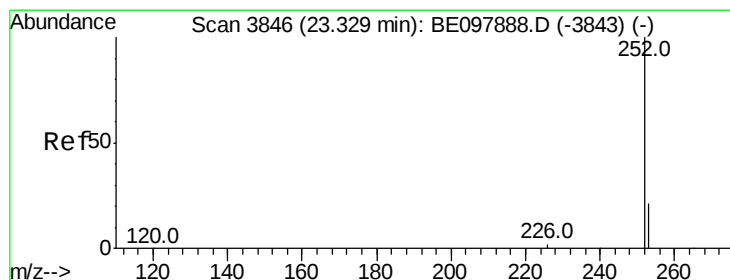
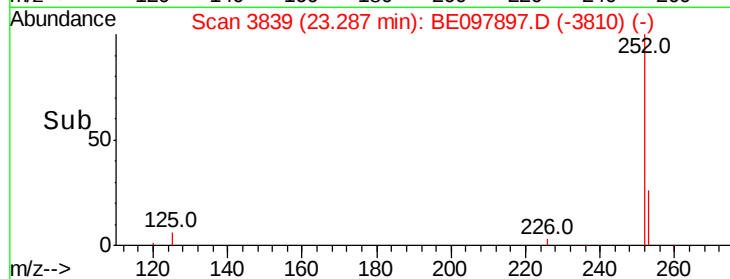
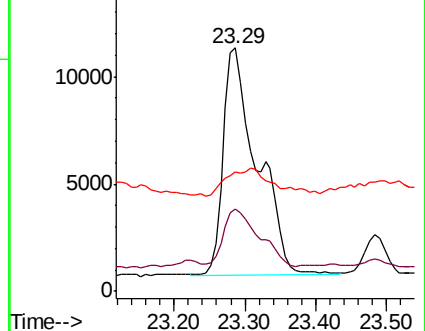
125 49.0 0.0 18.2#



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: 0.677 ng/ul

RT: 23.29 min Scan# 3839

Delta R.T. -0.04 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

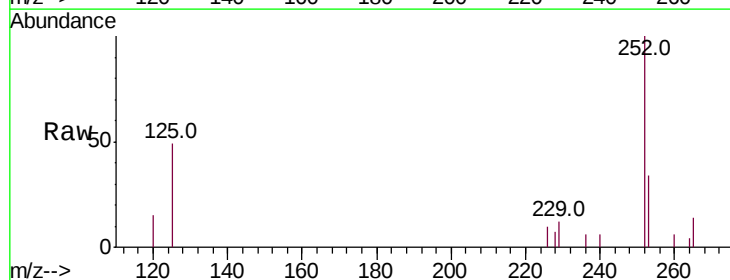
Tgt Ion:252 Resp: 35592

Ion Ratio Lower Upper

252 100

253 34.0 17.8 26.6#

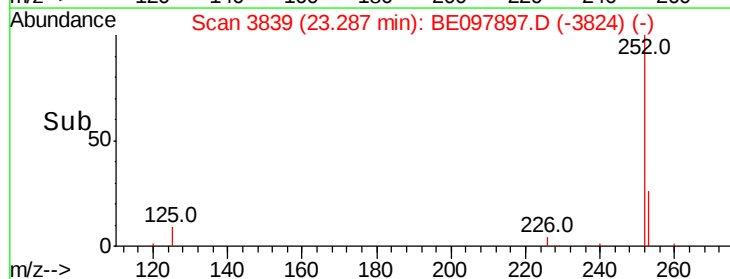
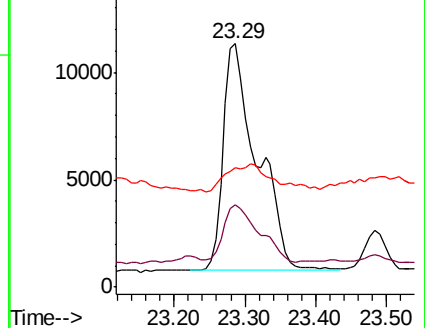
125 49.0 9.4 14.0#

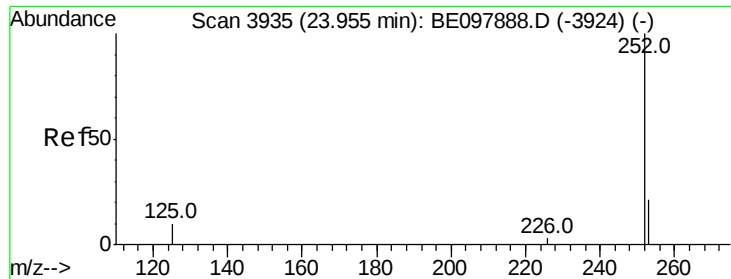


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.461 ng/ul

RT: 23.95 min Scan# 3934

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

ClientSampleId :

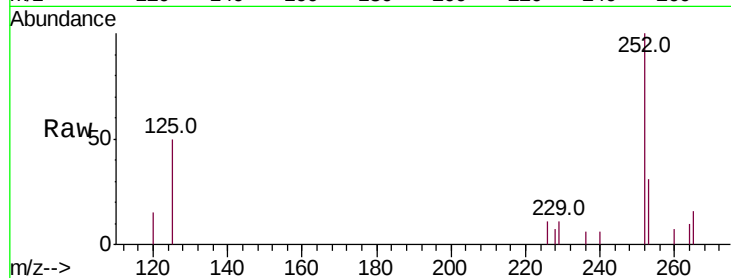
Tot Ion:252 Resp: 22214

Ion Ratio Lower Upper

252 100

253 30.7 18.2 27.4#

125 49.9 8.3 12.5#

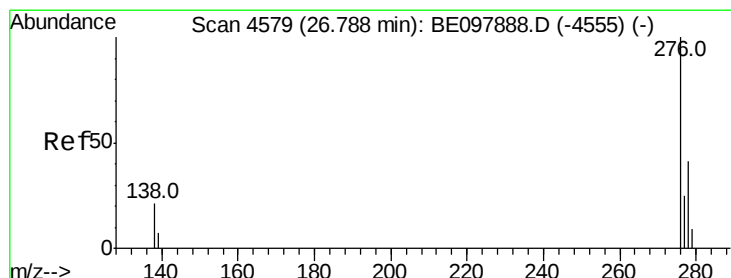
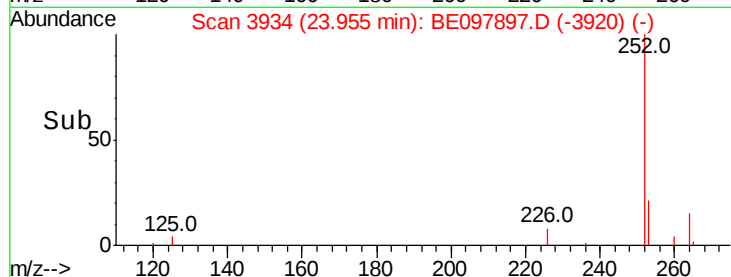
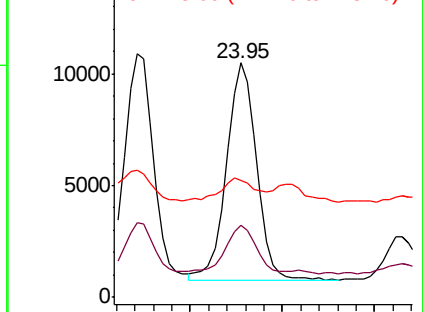


Abundance

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: 0.228 ng/ul

RT: 26.79 min Scan# 4578

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

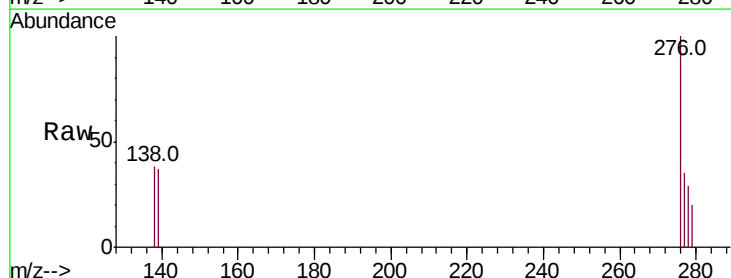
Tgt Ion:276 Resp: 12456

Ion Ratio Lower Upper

276 100

138 19.8 0.0 0.0#

227 0.0 0.0 0.0

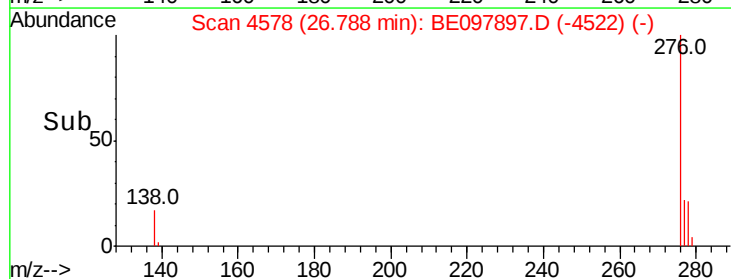
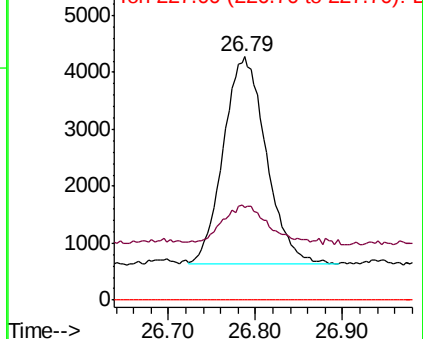


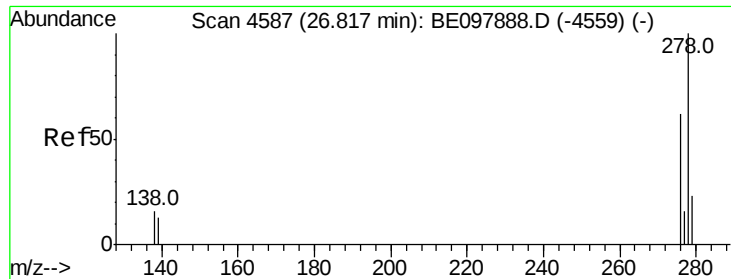
Abundance

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: 0.081 ng/ul

RT: 26.80 min Scan# 4582

Delta R.T. -0.01 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_E

ClientSampleId :

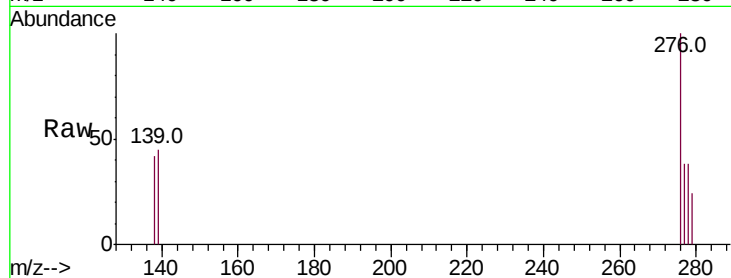
Tot Ion:278 Resp: 3647

Ion Ratio Lower Upper

278 100

139 116.6 10.9 16.3#

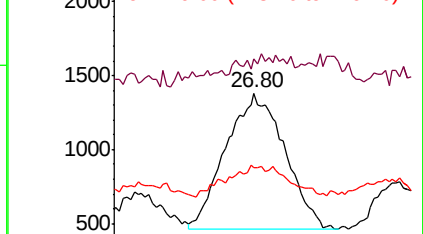
279 63.7 18.8 28.2#



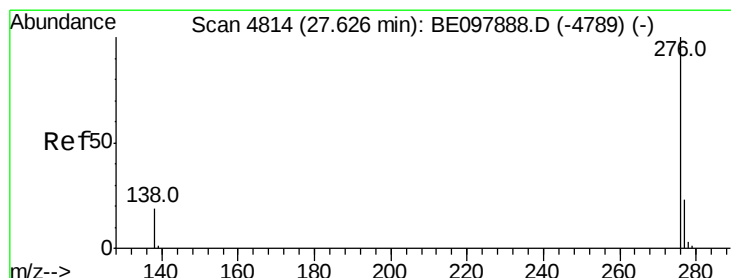
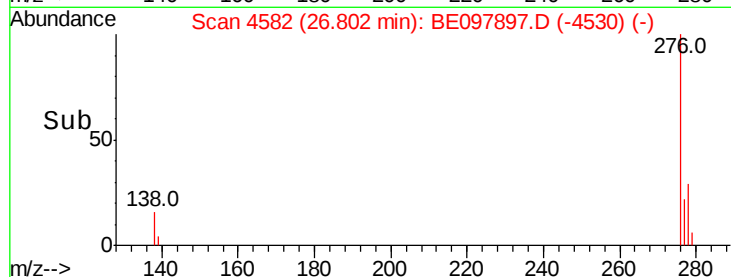
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 26.70 26.80 26.90



#26

Benzo(g,h,i)perylene

Concen: 0.385 ng/ul

RT: 27.63 min Scan# 4813

Delta R.T. -0.00 min

Lab File: BE097897.D

Acq: 13 Oct 2018 2:11

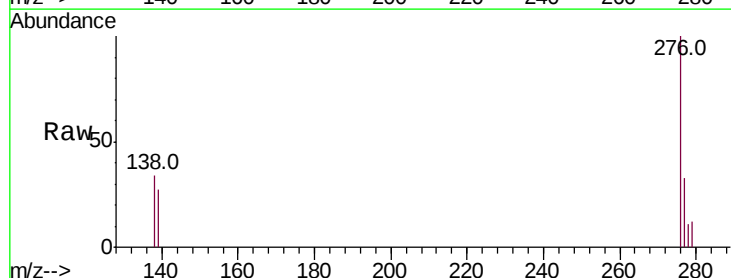
Tgt Ion:276 Resp: 18343

Ion Ratio Lower Upper

276 100

138 34.3 14.3 21.5#

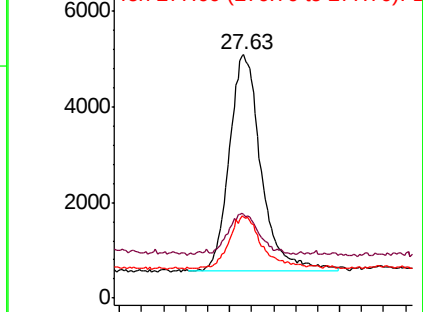
277 33.4 19.5 29.3#



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



Time--> 27.40 27.60 27.80

