

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097875.D
 Acq On : 12 Oct 2018 2:04
 Operator : SJ/JU
 Sample : J5183-10DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 04:59:47 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 : Fri Oct 12 04:56:57 2018
 Response via : Initial Calibration

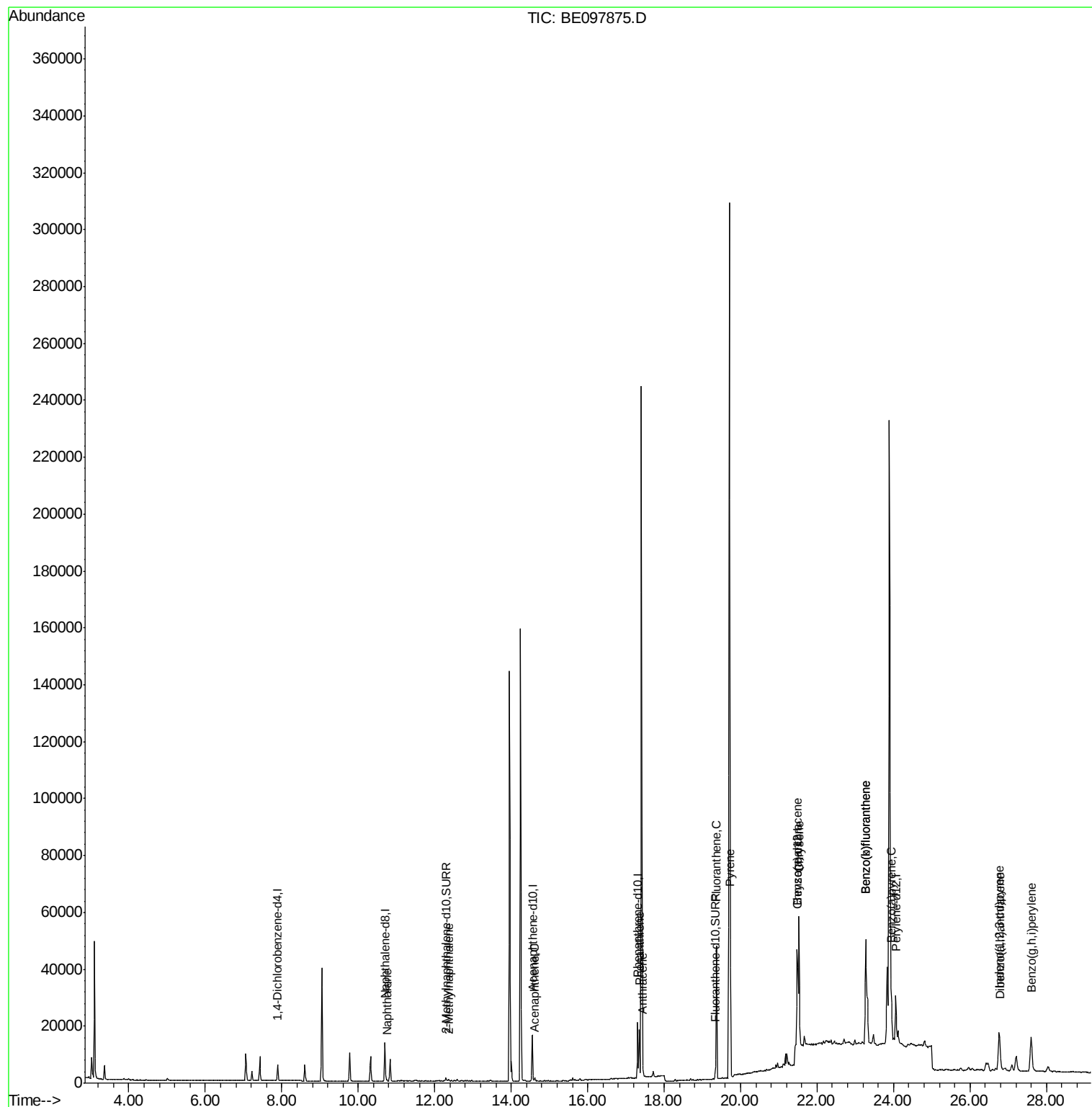
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2774	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	14046	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	9550	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	23257	0.40	ng/ul	0.00
16) Chrysene-d12	21.49	240	24203	0.40	ng/ul	0.00
20) Perylene-d12	24.06	264	25448	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1473	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	4718	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	778	0.023	ng/ul#	69
5) 2-Methylnaphthalene	12.37	142	571	0.023	ng/ul	98
8) Acenaphthene	14.62	153	786	0.028	ng/ul	96
12) Phenanthrene	17.35	178	17715	0.322	ng/ul	98
13) Anthracene	17.44	178	3097	0.061	ng/ul#	89
15) Fluoranthene	19.37	202	52079	0.737	ng/ul	97
17) Pyrene	19.73	202	62454	0.866	ng/ul	99
18) Benzo(a)anthracene	21.48	228	31019	0.424	ng/ul#	92
19) Chrysene	21.53	228	50687	0.771	ng/ul#	92
21) Benzo(b)fluoranthene	23.27	252	86140	1.267	ng/ul#	87
22) Benzo(k)fluoranthene	23.27	252	86140	1.183	ng/ul#	85
23) Benzo(a)pyrene	23.95	252	27628	0.414	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	26.76	276	26793	0.353	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.79	278	6875	0.110	ng/ul#	7
26) Benzo(g,h,i)perylene	27.60	276	30330	0.459	ng/ul#	83

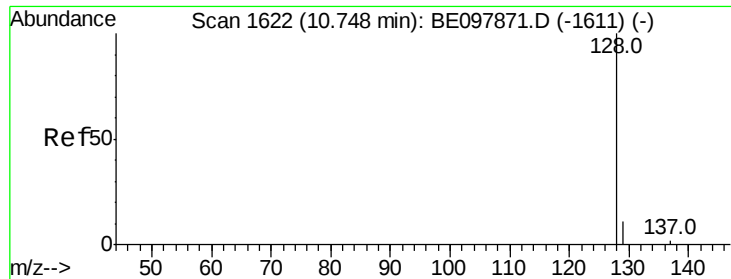
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Instrument :

BNA_E

ClientSampleId :

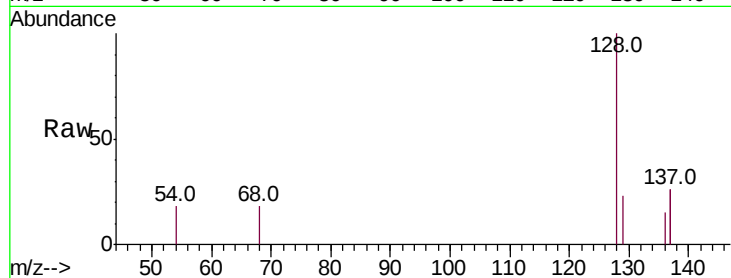
Tot Ion:128 Resp: 778

Ion Ratio Lower Upper

128 100

129 23.2 9.1 13.7#

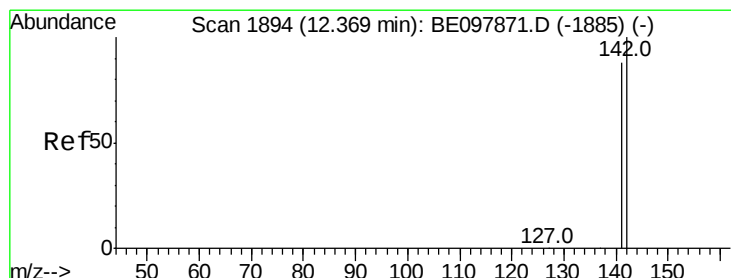
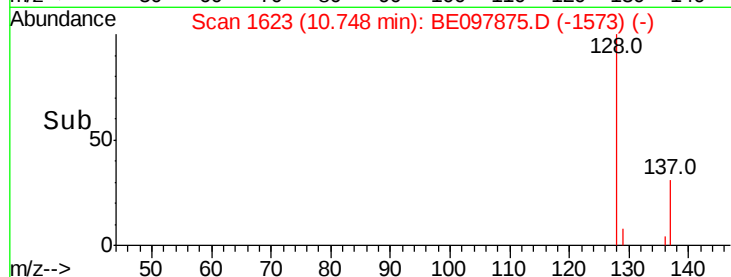
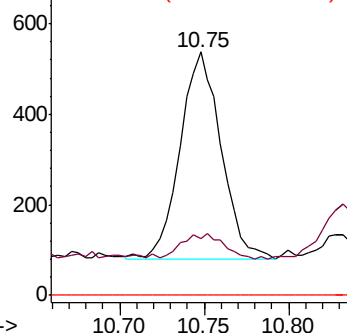
127 0.0 0.0 0.0



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: 0.023 ng/ul

RT: 12.37 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE097875.D

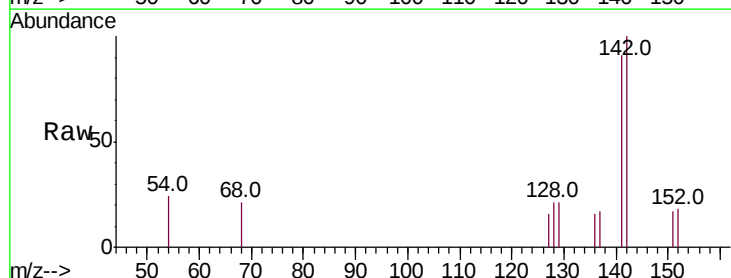
Acq: 12 Oct 2018 2:04

Tgt Ion:142 Resp: 571

Ion Ratio Lower Upper

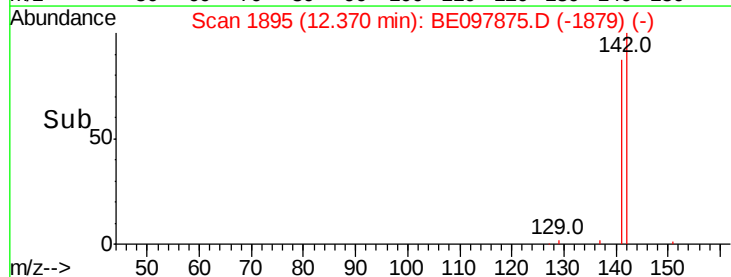
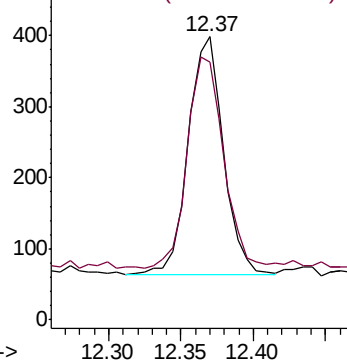
142 100

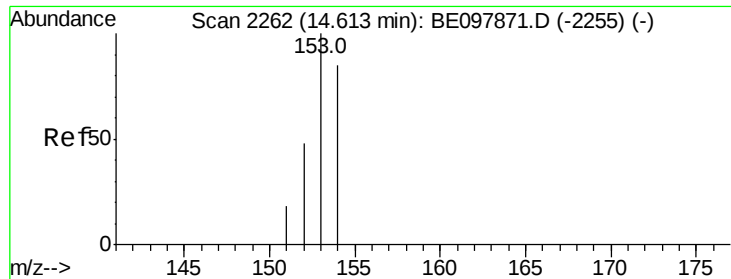
141 91.2 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.028 ng/ul

RT: 14.62 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Instrument :

BNA_E

ClientSampleId :

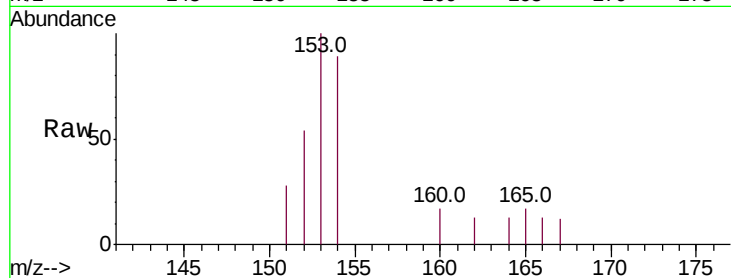
Tot Ion:153 Resp: 786

Ion Ratio Lower Upper

153 100

152 54.3 41.2 61.8

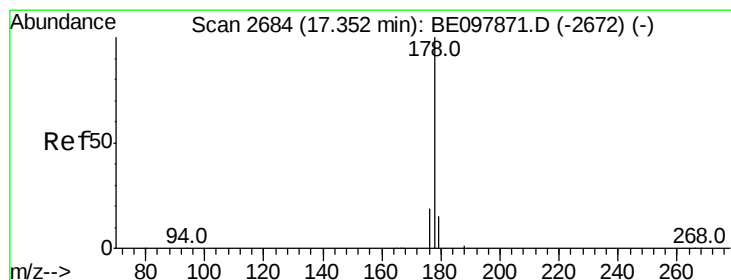
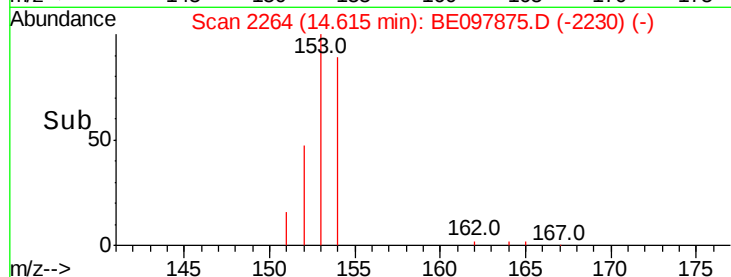
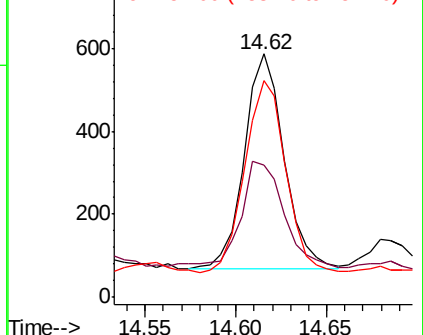
154 89.1 68.6 103.0



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



#12

Phenanthrene

Concen: 0.322 ng/ul

RT: 17.35 min Scan# 2685

Delta R.T. -0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

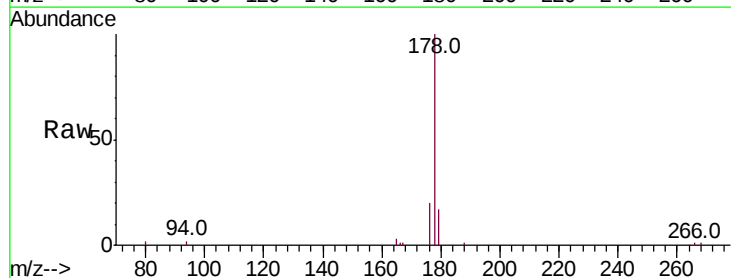
Tgt Ion:178 Resp: 17715

Ion Ratio Lower Upper

178 100

179 16.8 12.8 19.2

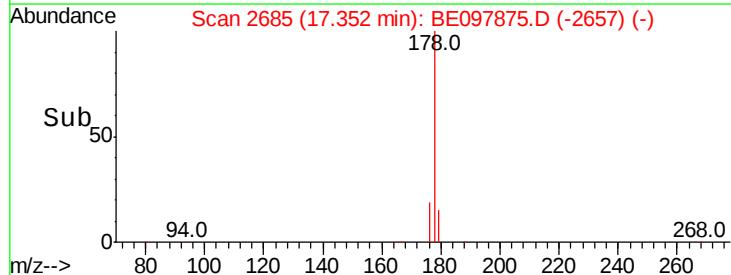
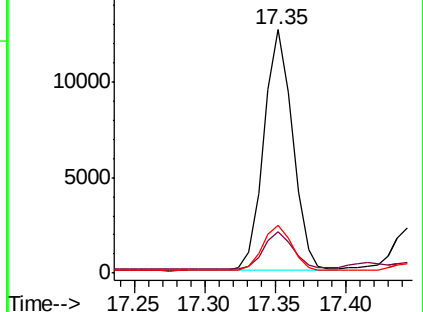
176 19.9 14.9 22.3

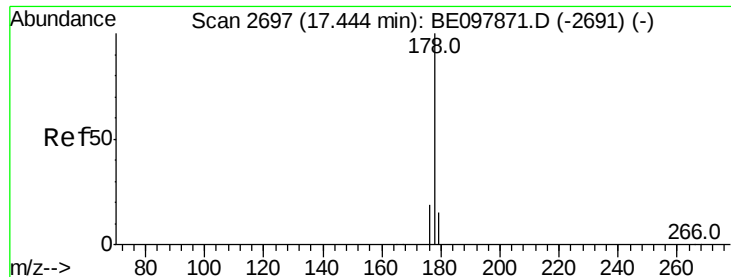


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.061 ng/ul

RT: 17.44 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Instrument :

BNA_E

ClientSampleId :

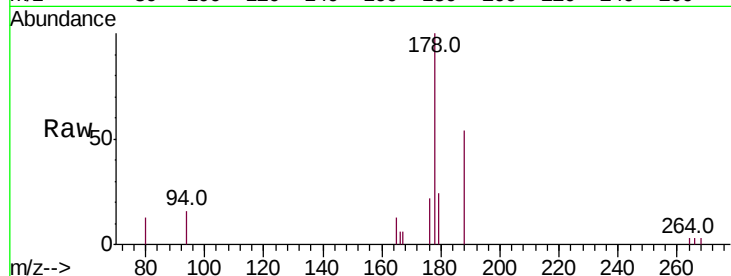
Tot Ion:178 Resp: 3097

Ion Ratio Lower Upper

178 100

179 24.0 12.9 19.3#

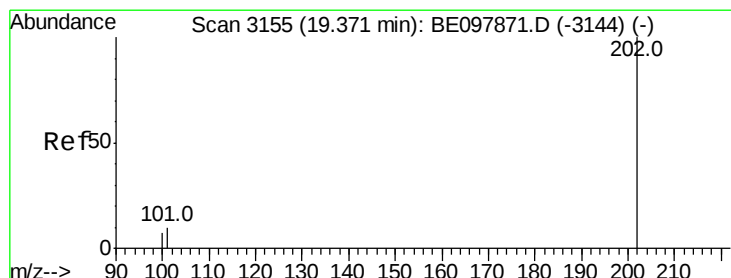
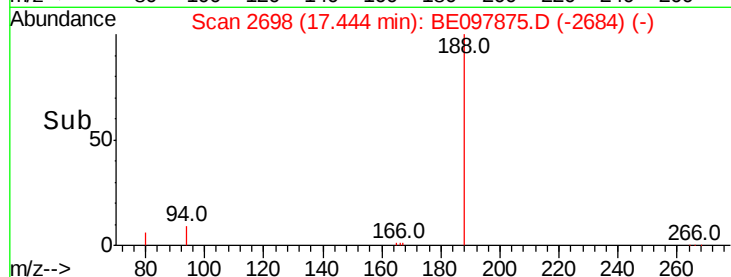
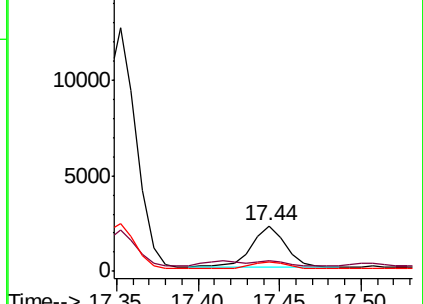
176 21.9 15.5 23.3



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: 0.737 ng/ul

RT: 19.37 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

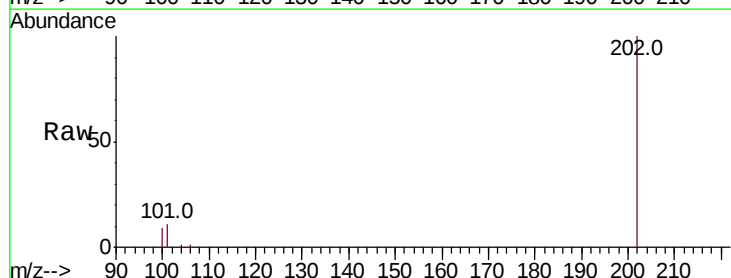
Tgt Ion:202 Resp: 52079

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.3

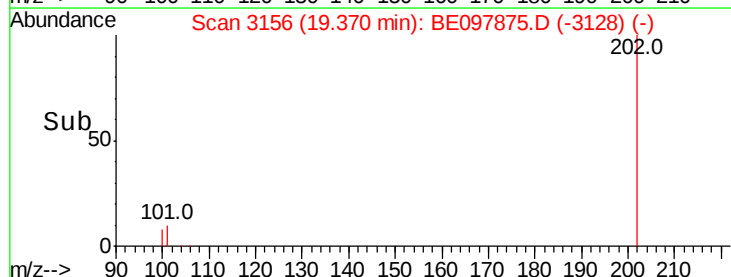
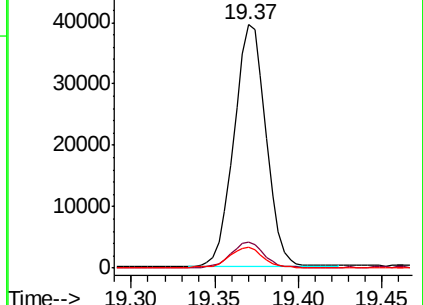
100 8.5 0.0 27.5

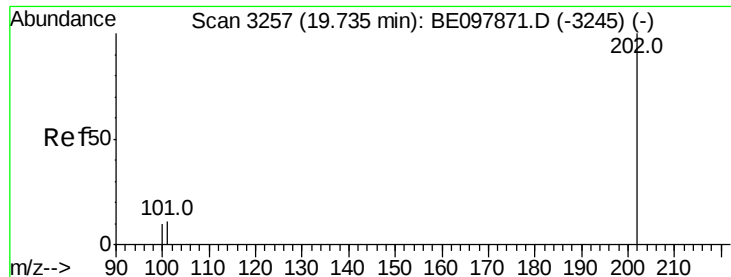


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

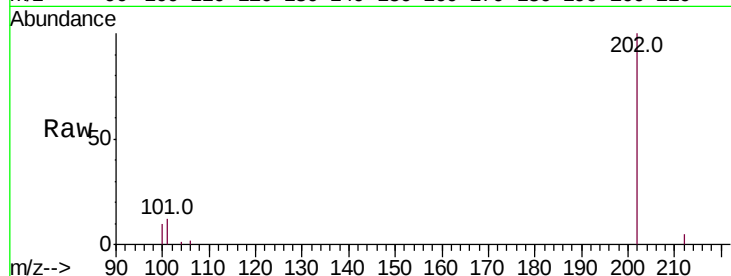




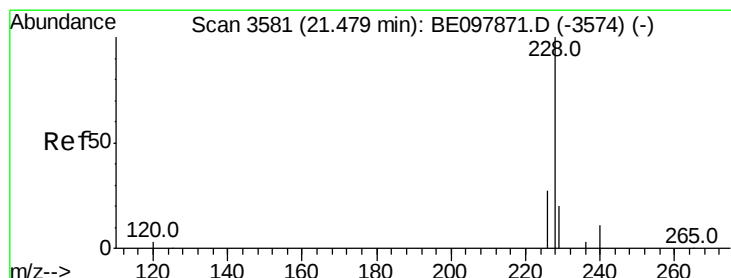
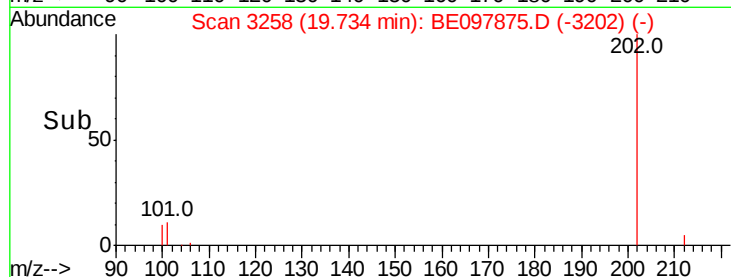
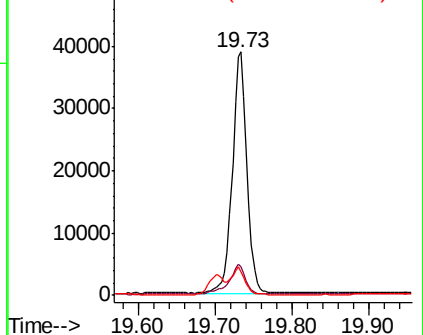
#17
Pvrene
Concen: 0.866 ng/ul
RT: 19.73 min Scan# 3258
Delta R.T. -0.00 min
Lab File: BE097875.D
Acq: 12 Oct 2018 2:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 62454
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 9.8 7.9 11.9

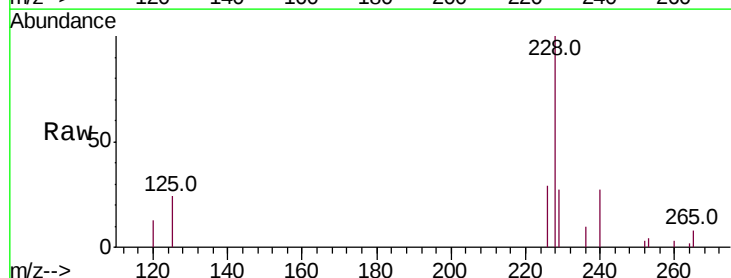


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE

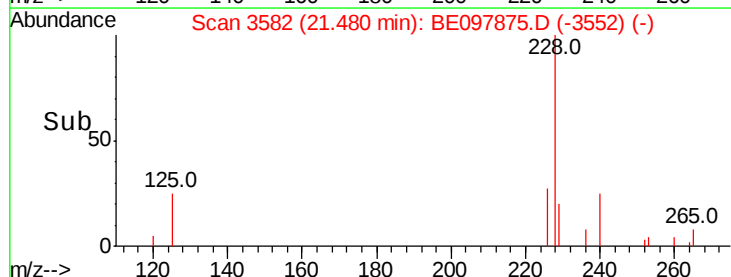
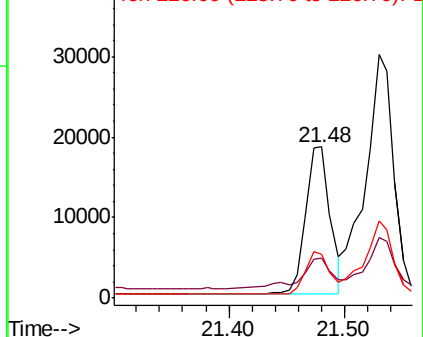


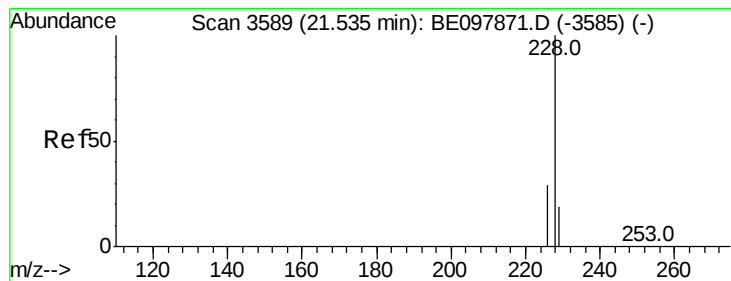
#18
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.48 min Scan# 3582
Delta R.T. 0.00 min
Lab File: BE097875.D
Acq: 12 Oct 2018 2:04

Tgt Ion:228 Resp: 31019
Ion Ratio Lower Upper
228 100
229 26.7 16.4 24.6#
226 29.1 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: 0.771 ng/ul

RT: 21.53 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Instrument :

BNA_E

ClientSampleId :

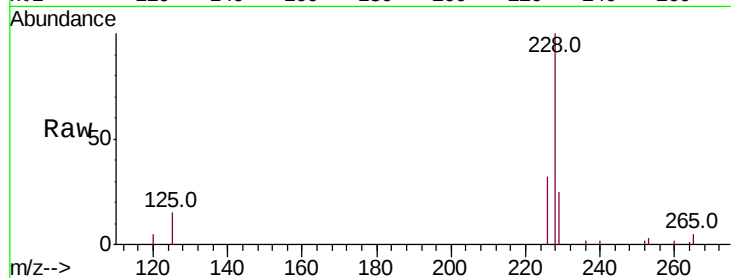
Tot Ion:228 Resp: 50687

Ion Ratio Lower Upper

228 100

226 31.9 23.0 34.4

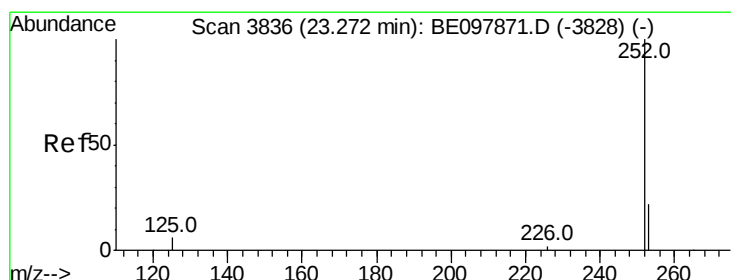
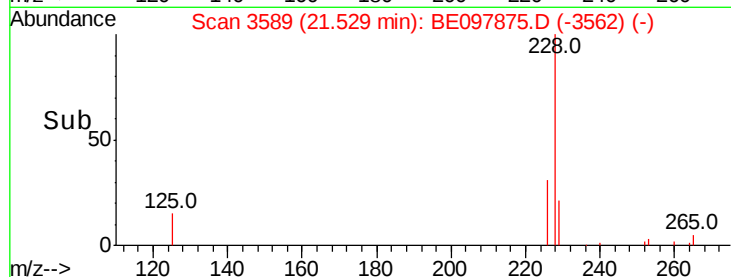
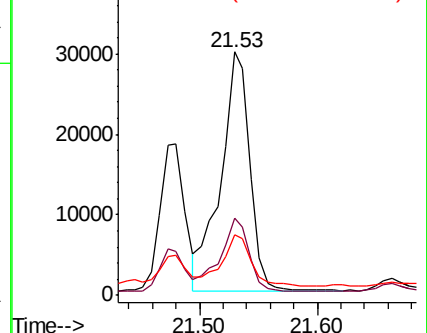
229 24.7 15.5 23.3#



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: 1.267 ng/ul

RT: 23.27 min Scan# 3837

Delta R.T. 0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

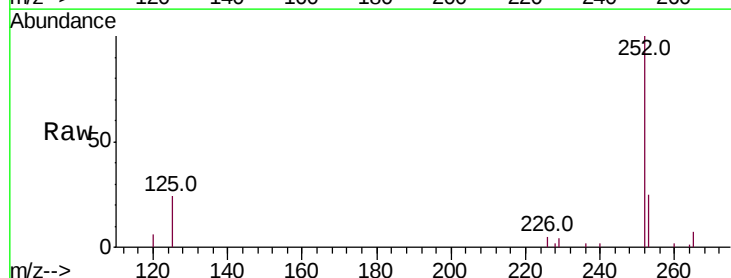
Tgt Ion:252 Resp: 86140

Ion Ratio Lower Upper

252 100

253 25.1 0.0 47.0

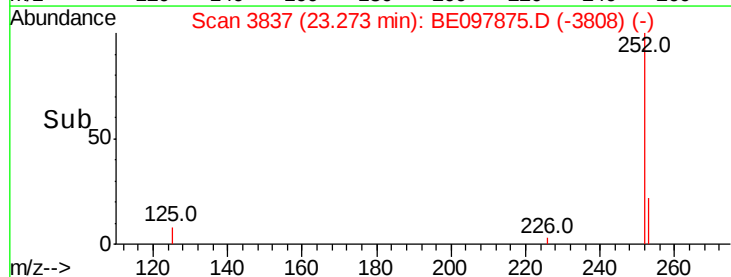
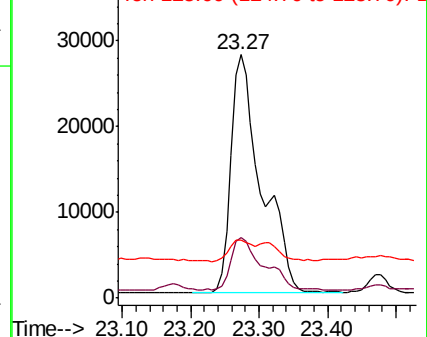
125 23.6 0.0 18.2#

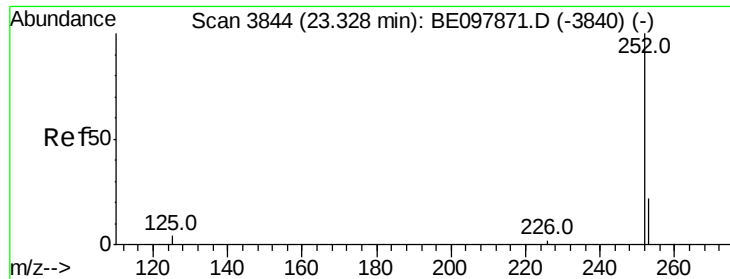


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.183 ng/ul

RT: 23.27 min Scan# 3837

Delta R.T. -0.06 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Instrument :

BNA_E

ClientSampleId :

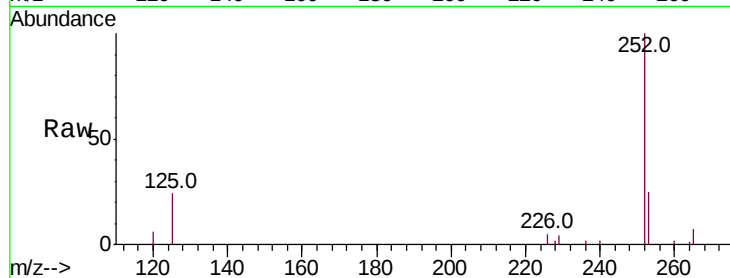
Tot Ion:252 Resp: 86140

Ion Ratio Lower Upper

252 100

253 25.1 17.8 26.6

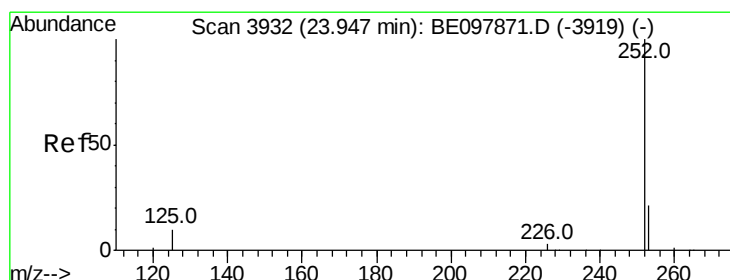
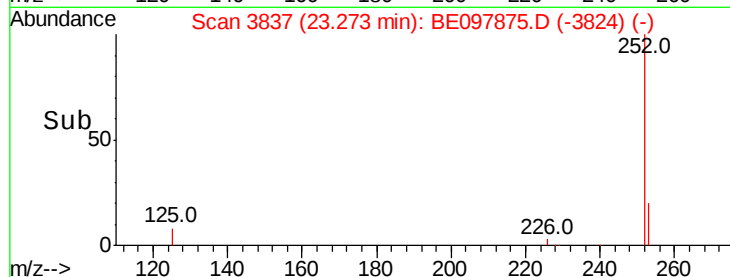
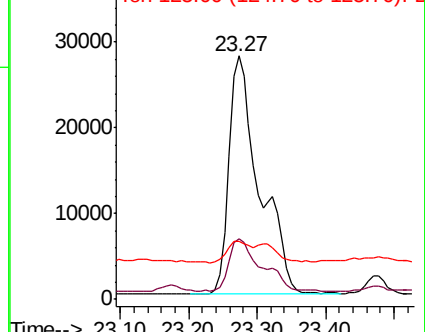
125 23.6 9.4 14.0#



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: 0.414 ng/ul

RT: 23.95 min Scan# 3933

Delta R.T. 0.00 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

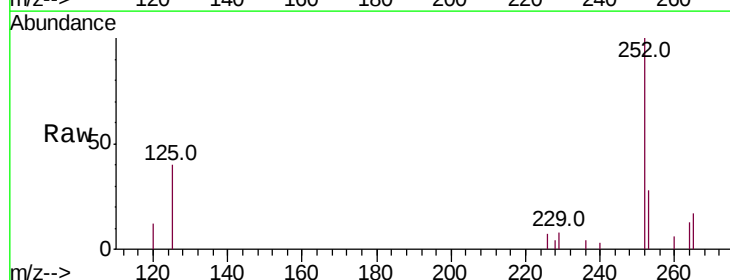
Tgt Ion:252 Resp: 27628

Ion Ratio Lower Upper

252 100

253 27.9 18.2 27.4#

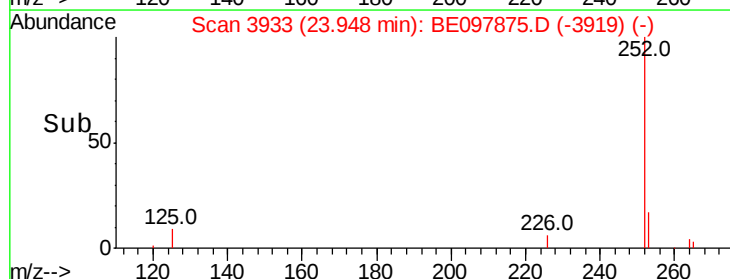
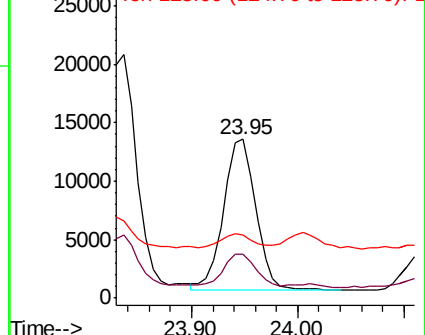
125 39.6 8.3 12.5#

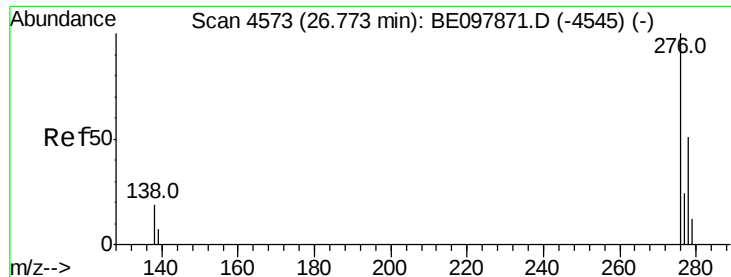


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



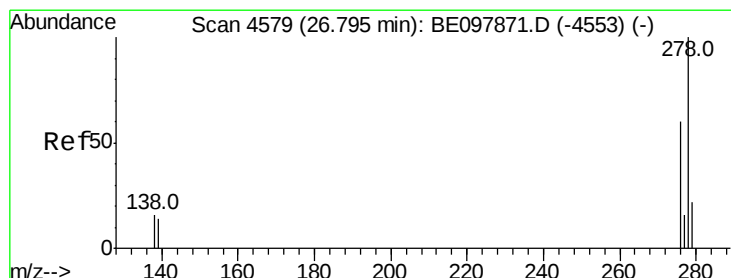
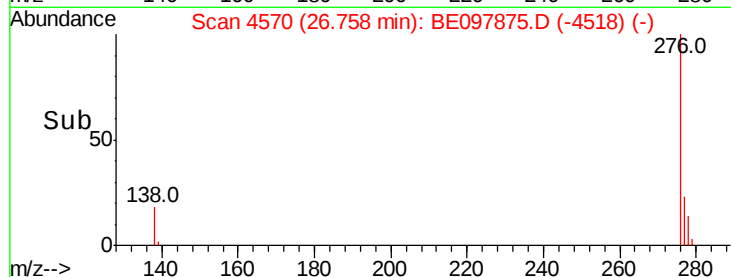
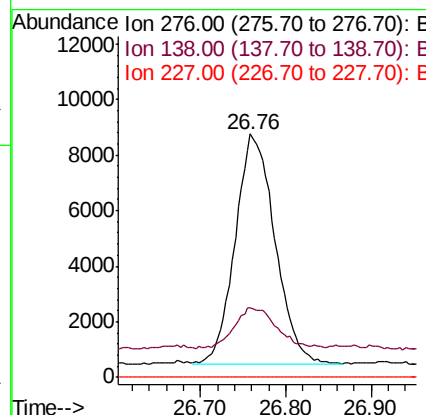
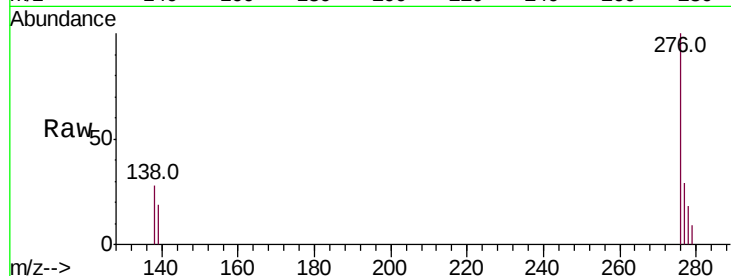


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 26.76 min Scan# 4570
Delta R.T. -0.01 min
Lab File: BE097875.D
Acq: 12 Oct 2018 2:04

Instrument :
BNA_E
ClientSampleId :

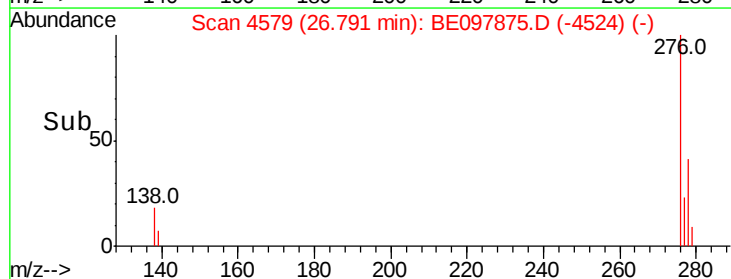
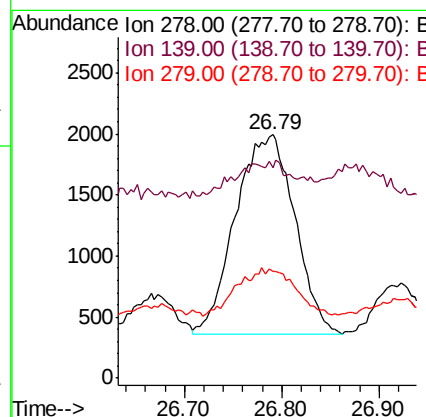
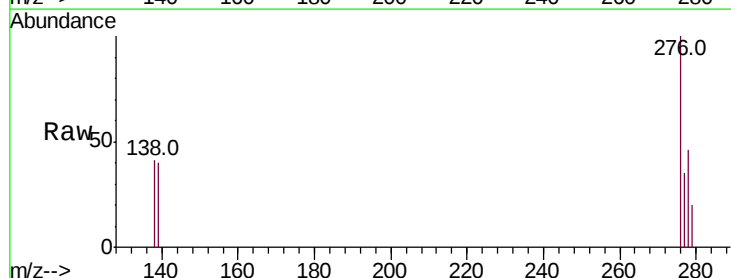
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	0.0	0.0#
227	0.0	0.0	0.0

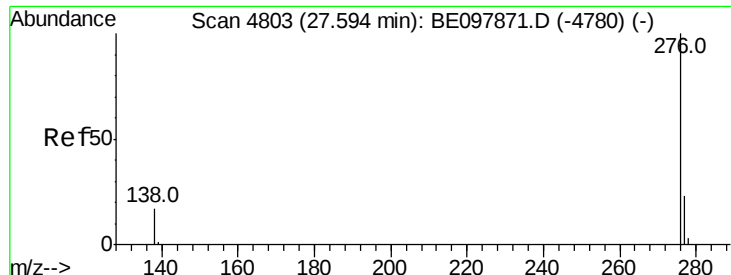


#25

Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 26.79 min Scan# 4579
Delta R.T. -0.00 min
Lab File: BE097875.D
Acq: 12 Oct 2018 2:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	86.2	10.9	16.3#
279	44.0	18.8	28.2#





#26

Benzo(a,h,i)perylene

Concen: 0.459 ng/ul

RT: 27.60 min Scan# 4806

Delta R.T. 0.01 min

Lab File: BE097875.D

Acq: 12 Oct 2018 2:04

Instrument :

BNA_E

ClientSampleId :

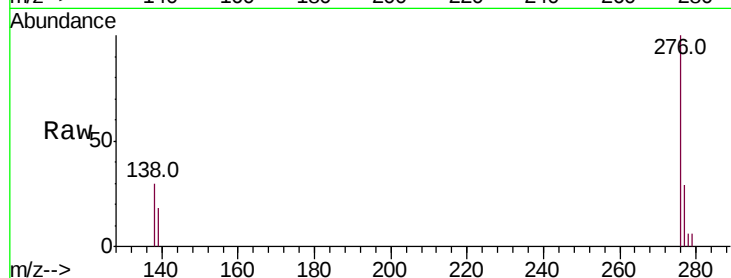
Tot Ion:276 Resp: 30330

Ion Ratio Lower Upper

276 100

138 29.8 14.3 21.5#

277 28.8 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

