

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097870.D
 Acq On : 11 Oct 2018 22:59
 Operator : SJ/JU
 Sample : J5184-04DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 03:59:28 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 03:56:08 2018
 Response via : Initial Calibration

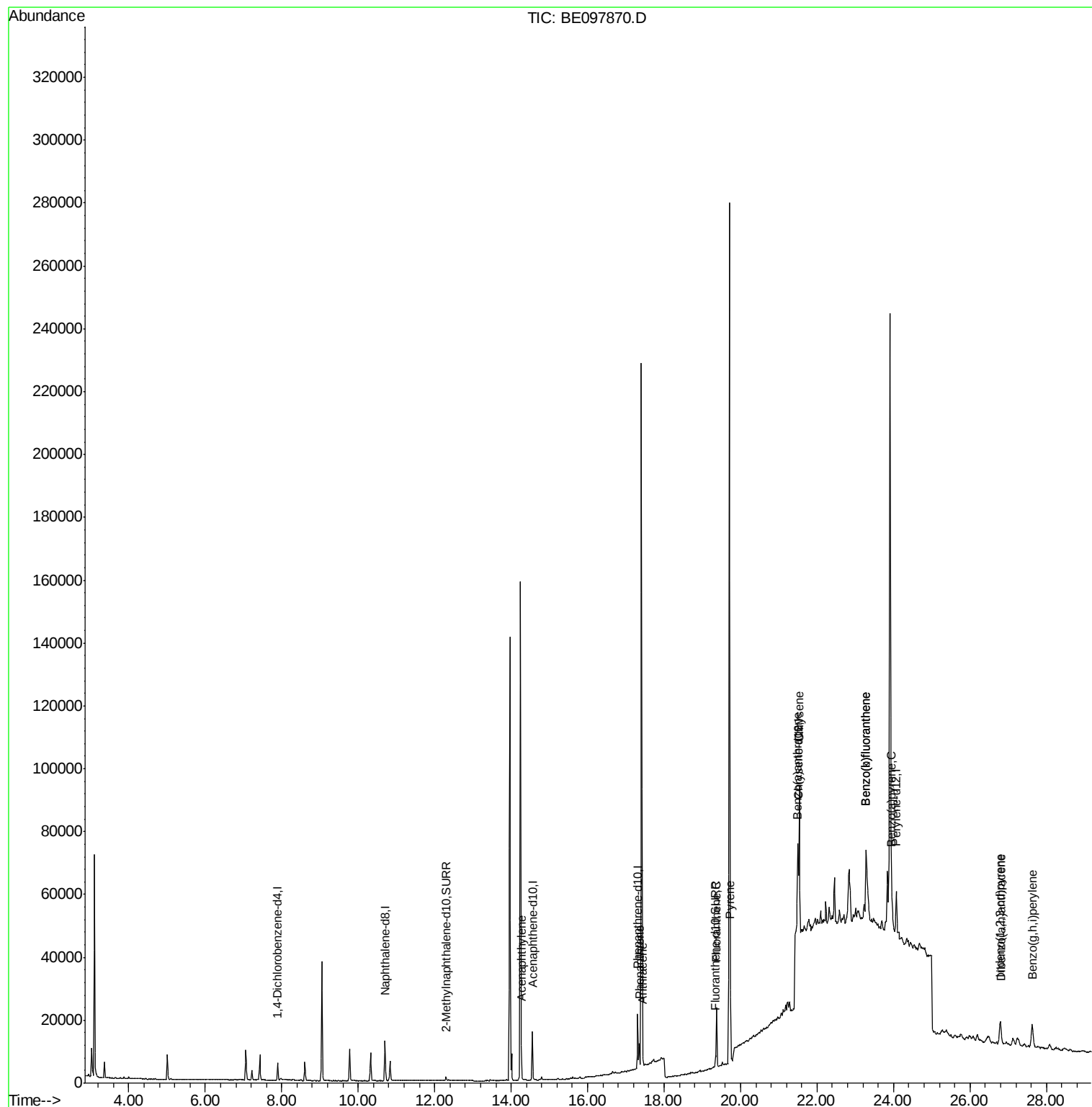
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2565	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13210	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.56	164	8866	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.31	188	20922	0.40	ng/ul	0.01
16) Chrysene-d12	21.50	240	21257	0.40	ng/ul	0.02
20) Perylene-d12	24.07	264	22010	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1492	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	4244	0.06	ng/ul	0.01
Target Compounds				Ovalue		
7) Acenaphthylene	14.27	152	969	0.029	ng/ul#	50
12) Phenanthrene	17.35	178	8385	0.169	ng/ul#	85
13) Anthracene	17.44	178	2039	0.044	ng/ul#	48
15) Fluoranthene	19.37	202	21956	0.345	ng/ul	95
17) Pyrene	19.73	202	28840	0.455	ng/ul#	93
18) Benzo(a)anthracene	21.48	228	21050	0.328	ng/ul#	57
19) Chrysene	21.54	228	49572	0.858	ng/ul#	82
21) Benzo(b)fluoranthene	23.29	252	40074	0.681	ng/ul#	1
22) Benzo(k)fluoranthene	23.29	252	39964	0.635	ng/ul#	1
23) Benzo(a)pyrene	23.96	252	17082	0.296	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.79	276	14366	0.219	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.82	278	3856	0.071	ng/ul#	1
26) Benzo(g,h,i)perylene	27.62	276	17439	0.305	ng/ul#	32

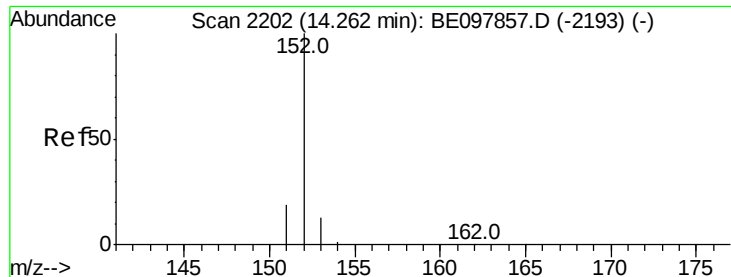
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 14.27 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

Instrument :

BNA_E

ClientSampleId :

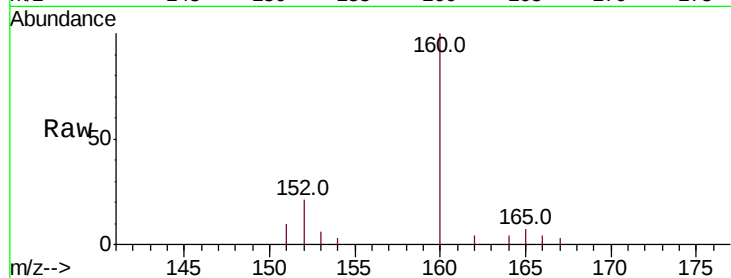
Tot Ion:152 Resp: 969

Ion Ratio Lower Upper

152 100

151 46.4 15.0 22.6#

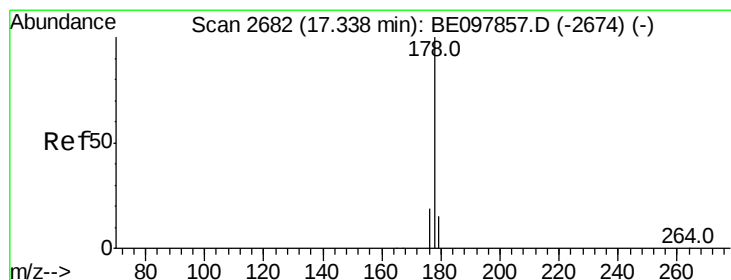
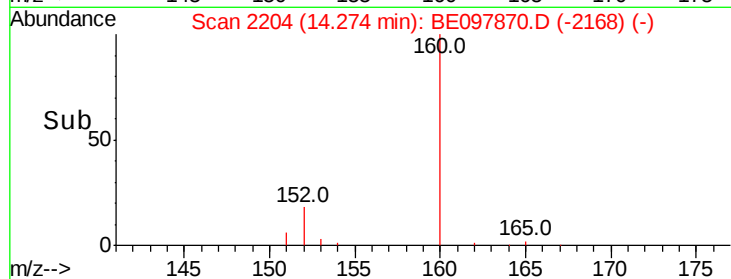
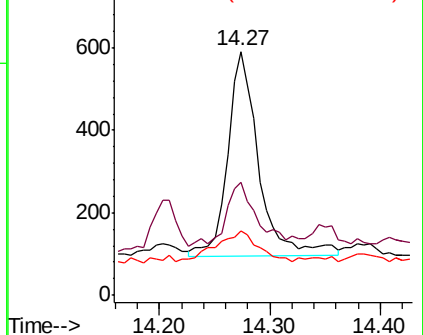
153 26.4 10.5 15.7#



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



#12

Phenanthrene

Concen: 0.169 ng/ul

RT: 17.35 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

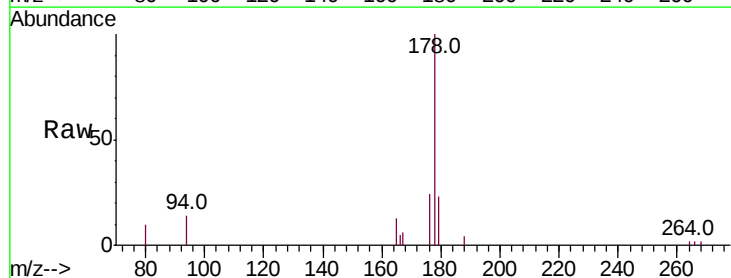
Tgt Ion:178 Resp: 8385

Ion Ratio Lower Upper

178 100

179 23.5 12.8 19.2#

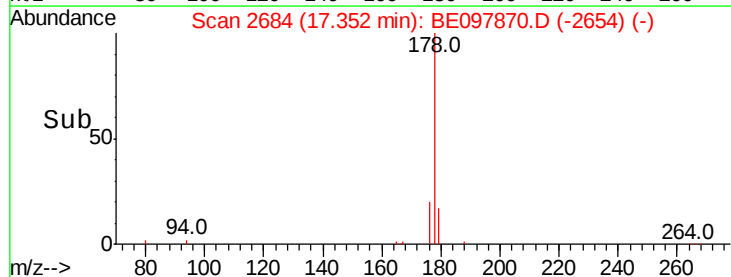
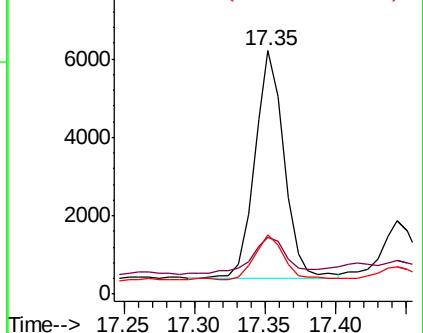
176 24.2 14.9 22.3#

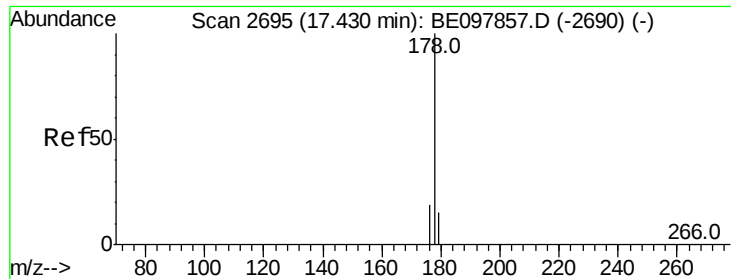


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.044 ng/ul

RT: 17.44 min Scan# 2697

Delta R.T. 0.01 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

Instrument :

BNA_E

ClientSampleId :

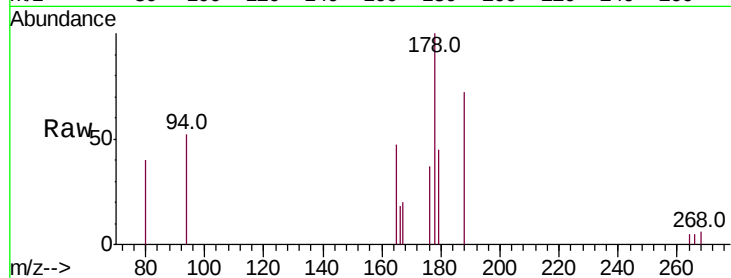
Tot Ion:178 Resp: 2039

Ion Ratio Lower Upper

178 100

179 45.2 12.9 19.3#

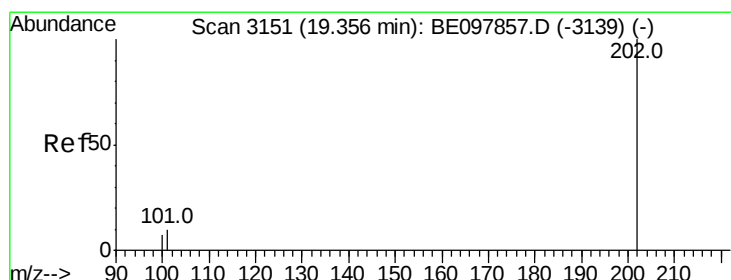
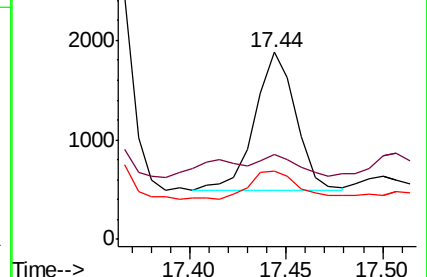
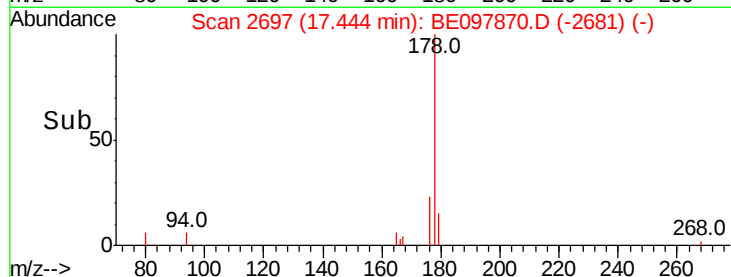
176 36.6 15.5 23.3#



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: 0.345 ng/ul

RT: 19.37 min Scan# 3156

Delta R.T. 0.02 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

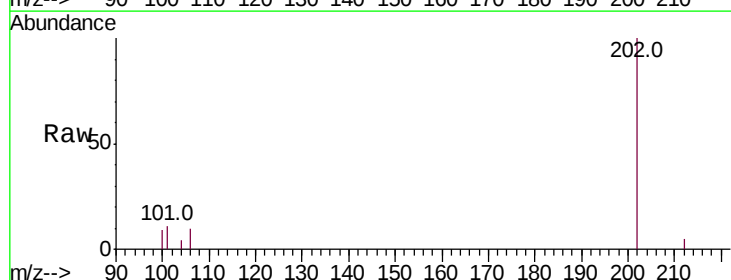
Tgt Ion:202 Resp: 21956

Ion Ratio Lower Upper

202 100

101 11.1 0.0 29.3

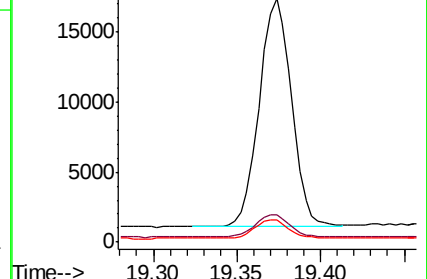
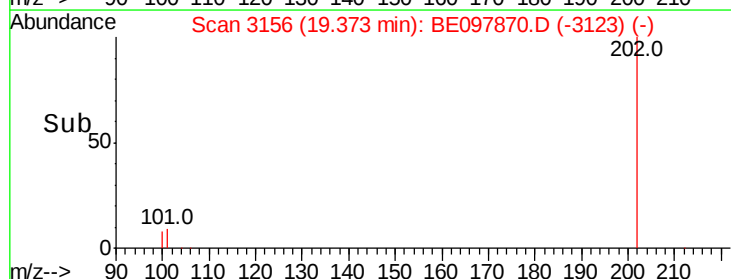
100 9.0 0.0 27.5

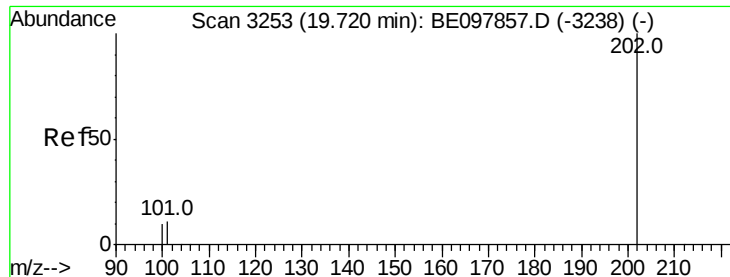


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.455 ng/ul

RT: 19.73 min Scan# 3257

Delta R.T. 0.01 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

Instrument :

BNA_E

ClientSampled :

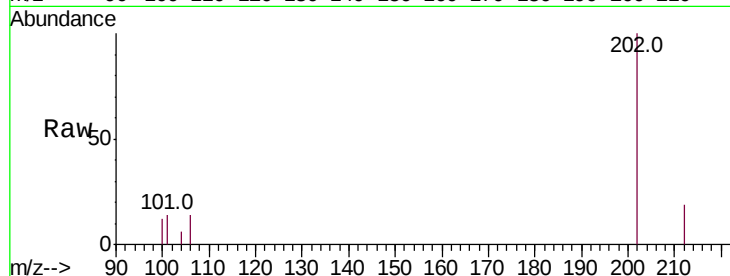
Tot Ion:202 Resp: 28840

Ion Ratio Lower Upper

202 100

101 14.1 8.8 13.2#

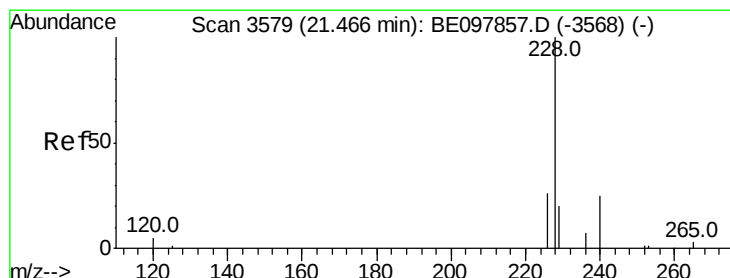
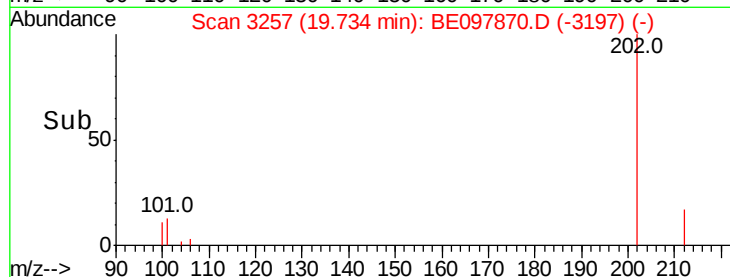
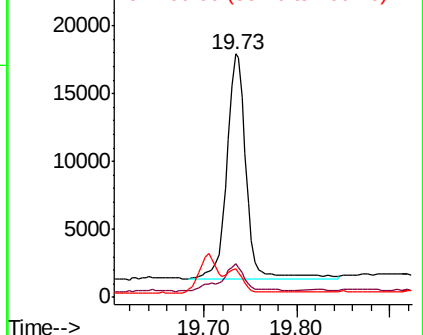
100 11.7 7.9 11.9



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: 0.328 ng/ul

RT: 21.48 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

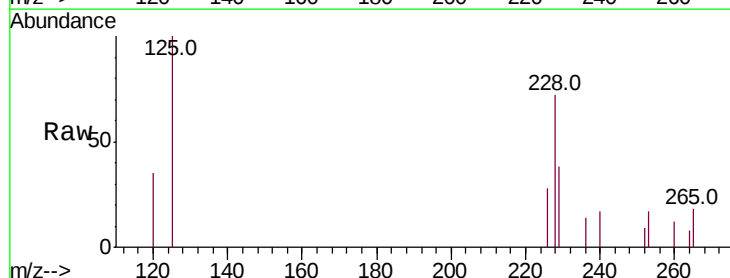
Tgt Ion:228 Resp: 21050

Ion Ratio Lower Upper

228 100

229 52.5 16.4 24.6#

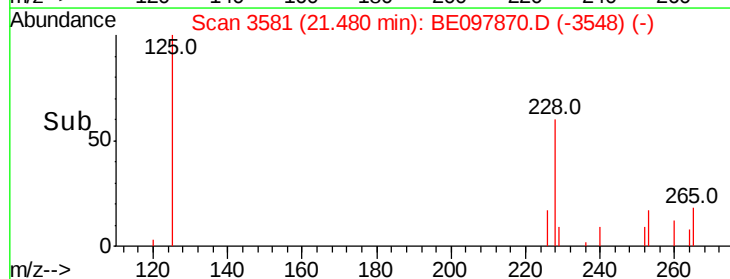
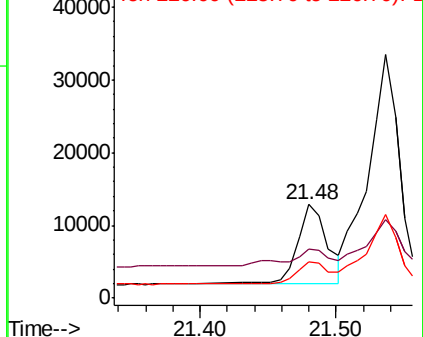
226 39.1 21.5 32.3#

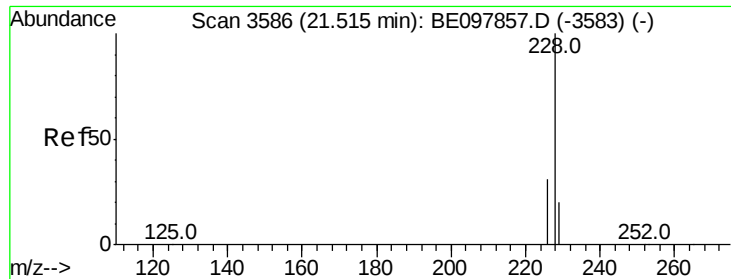


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.858 ng/ul

RT: 21.54 min Scan# 3589

Delta R.T. 0.02 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

Instrument :

BNA_E

ClientSampleId :

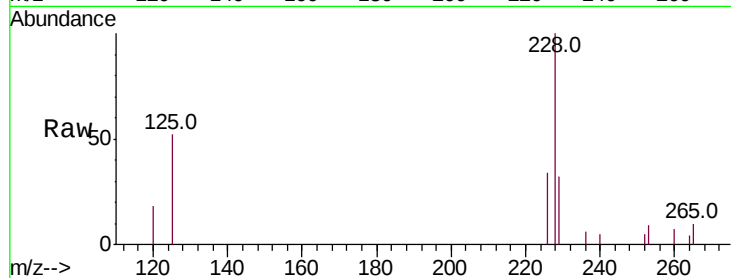
Tot Ion:228 Resp: 49572

Ion Ratio Lower Upper

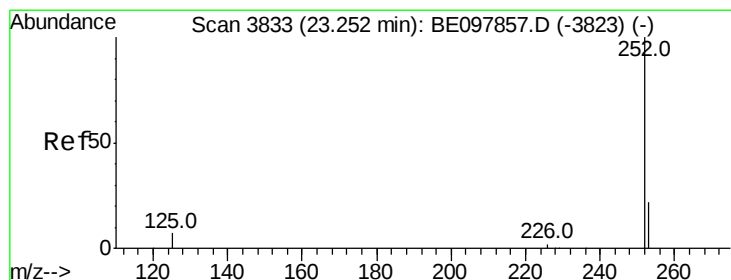
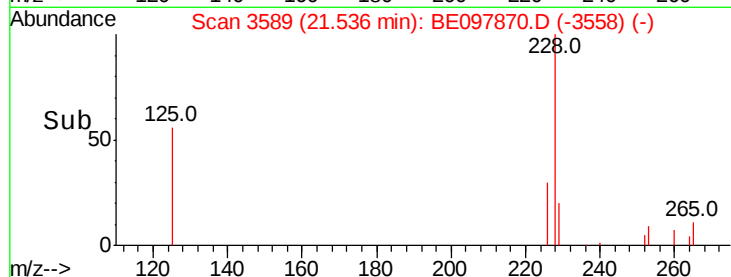
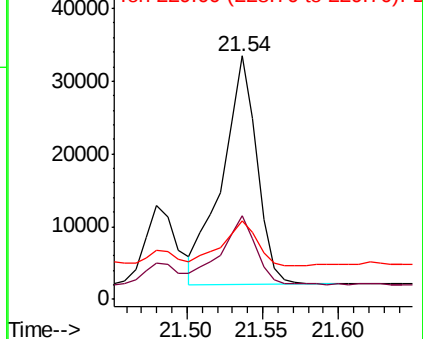
228 100

226 34.4 23.0 34.4

229 32.2 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: 0.681 ng/ul

RT: 23.29 min Scan# 3838

Delta R.T. 0.04 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

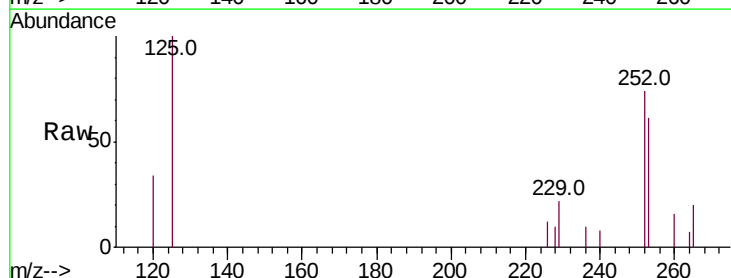
Tgt Ion:252 Resp: 40074

Ion Ratio Lower Upper

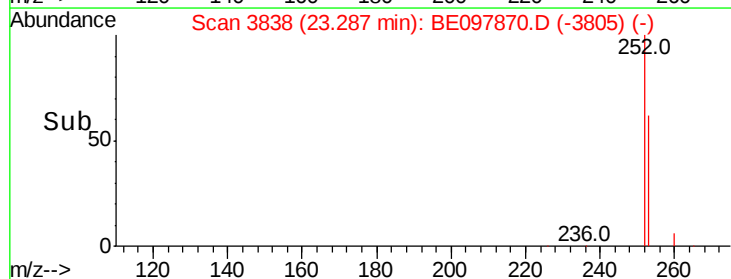
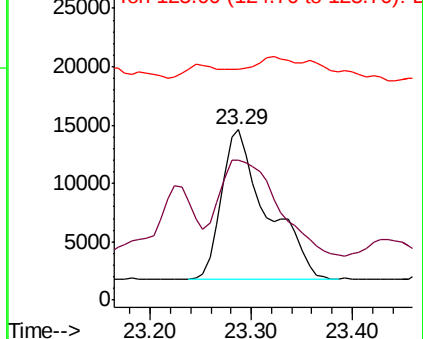
252 100

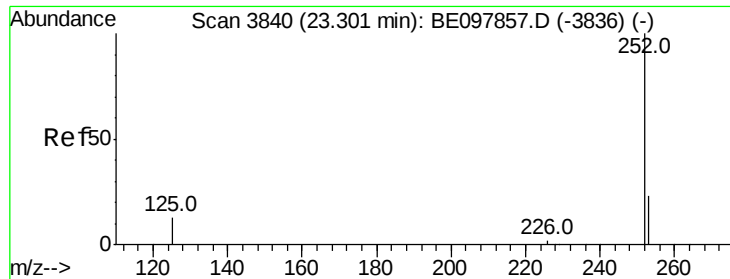
253 82.1 0.0 47.0#

125 135.6 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: 0.635 ng/ul

RT: 23.29 min Scan# 3838

Delta R.T. -0.01 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

Instrument :

BNA_E

ClientSampleId :

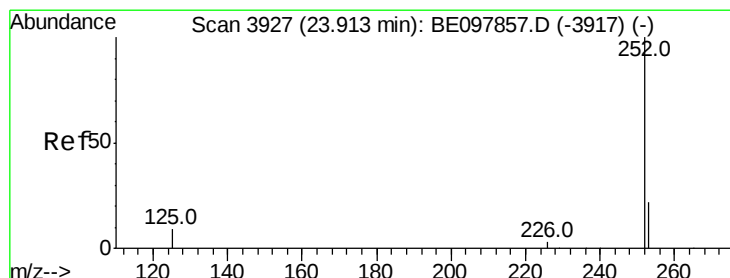
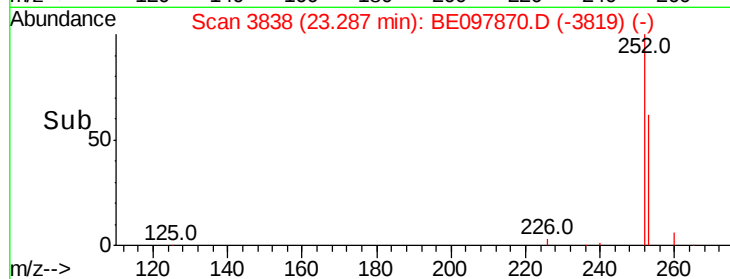
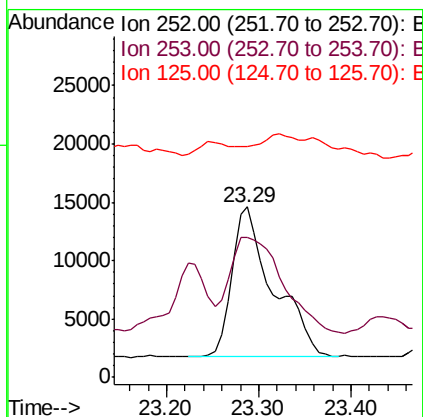
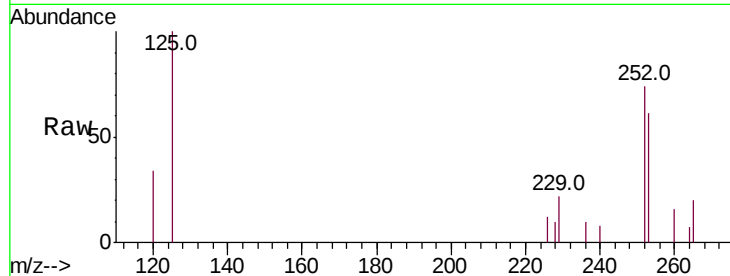
Tot Ion:252 Resp: 39964

Ion Ratio Lower Upper

252 100

253 82.1 17.8 26.6#

125 135.6 9.4 14.0#



#23

Benzo(a)pyrene

Concen: 0.296 ng/ul

RT: 23.96 min Scan# 3933

Delta R.T. 0.04 min

Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

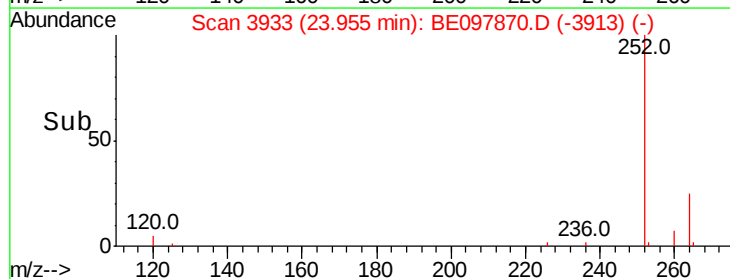
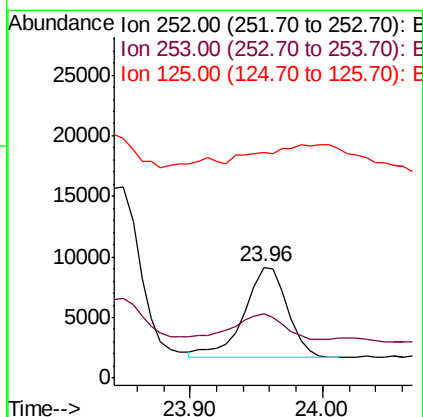
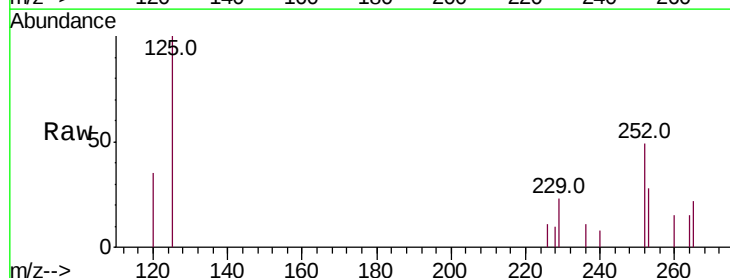
Tgt Ion:252 Resp: 17082

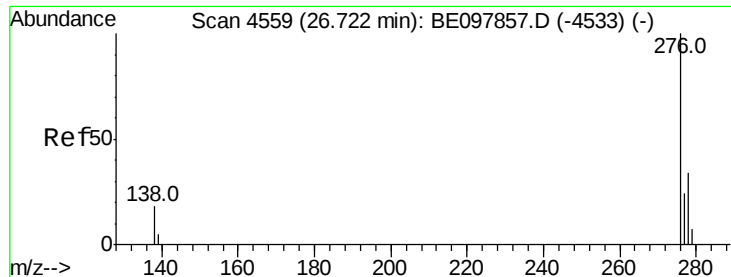
Ion Ratio Lower Upper

252 100

253 57.6 18.2 27.4#

125 203.3 8.3 12.5#



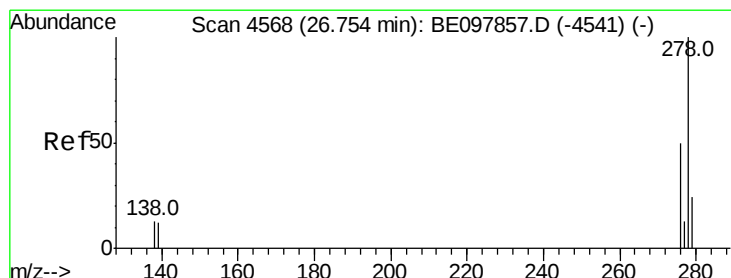
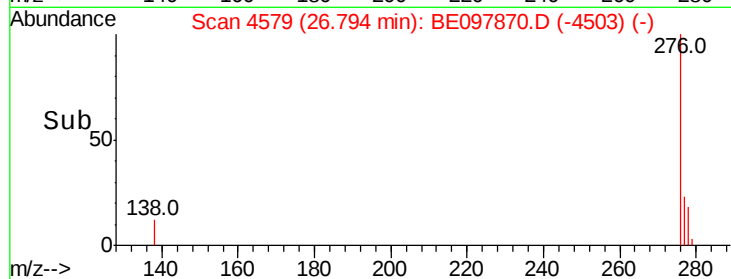
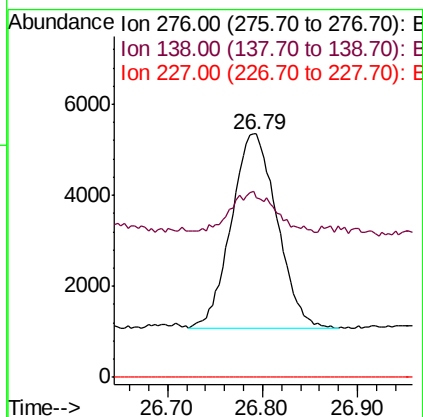
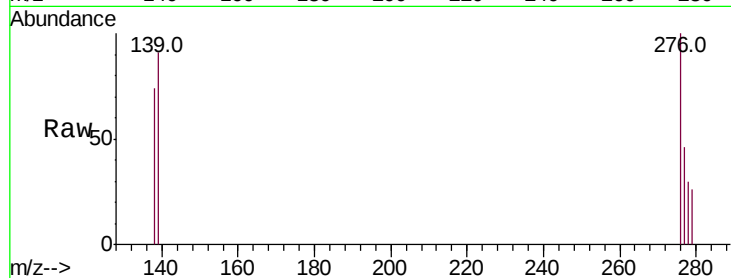


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.219 ng/ul
RT: 26.79 min Scan# 4579
Delta R.T. 0.07 min
Lab File: BE097870.D
Acq: 11 Oct 2018 22:59

Instrument :
BNA_E
ClientSampleId :

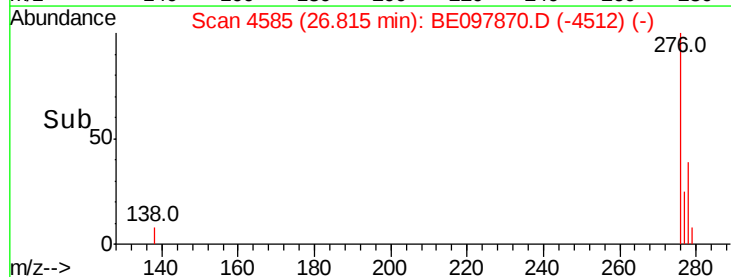
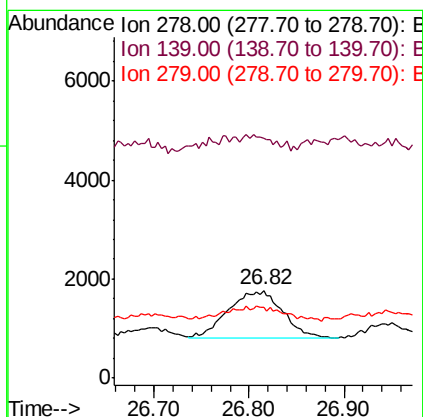
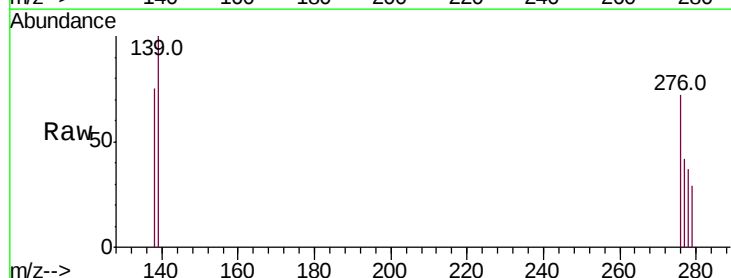
Tot Ion:276 Resp: 14366
Ion Ratio Lower Upper
276 100
138 20.7 0.0 0.0#
227 0.0 0.0 0.0

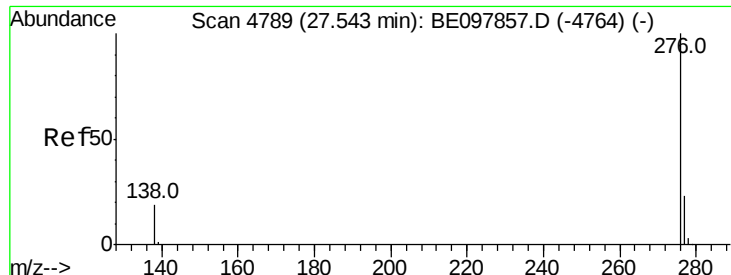


#25

Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 26.82 min Scan# 4585
Delta R.T. 0.06 min
Lab File: BE097870.D
Acq: 11 Oct 2018 22:59

Tgt Ion:278 Resp: 3856
Ion Ratio Lower Upper
278 100
139 273.0 10.9 16.3#
279 80.1 18.8 28.2#





#26

Benzo(a,h,i)perylene

Concen: 0.305 ng/ul

RT: 27.62 min Scan# 4812

Delta R.T. 0.08 min

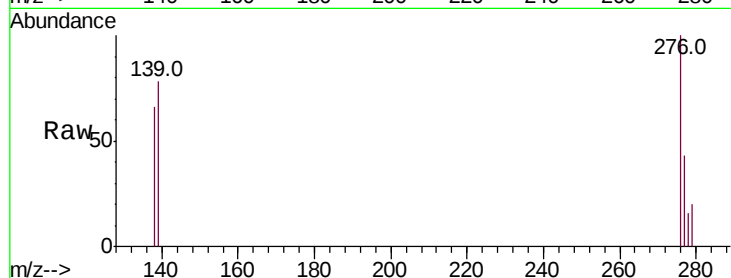
Lab File: BE097870.D

Acq: 11 Oct 2018 22:59

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 17439

Ion Ratio Lower Upper

276 100

138 65.6 14.3 21.5#

277 43.2 19.5 29.3#

