

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
 Data File : BE097880.D
 Acq On : 12 Oct 2018 10:28
 Operator : SJ/JU
 Sample : J5183-19
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 14:27:28 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 04:56:57 2018
 Response via : Initial Calibration

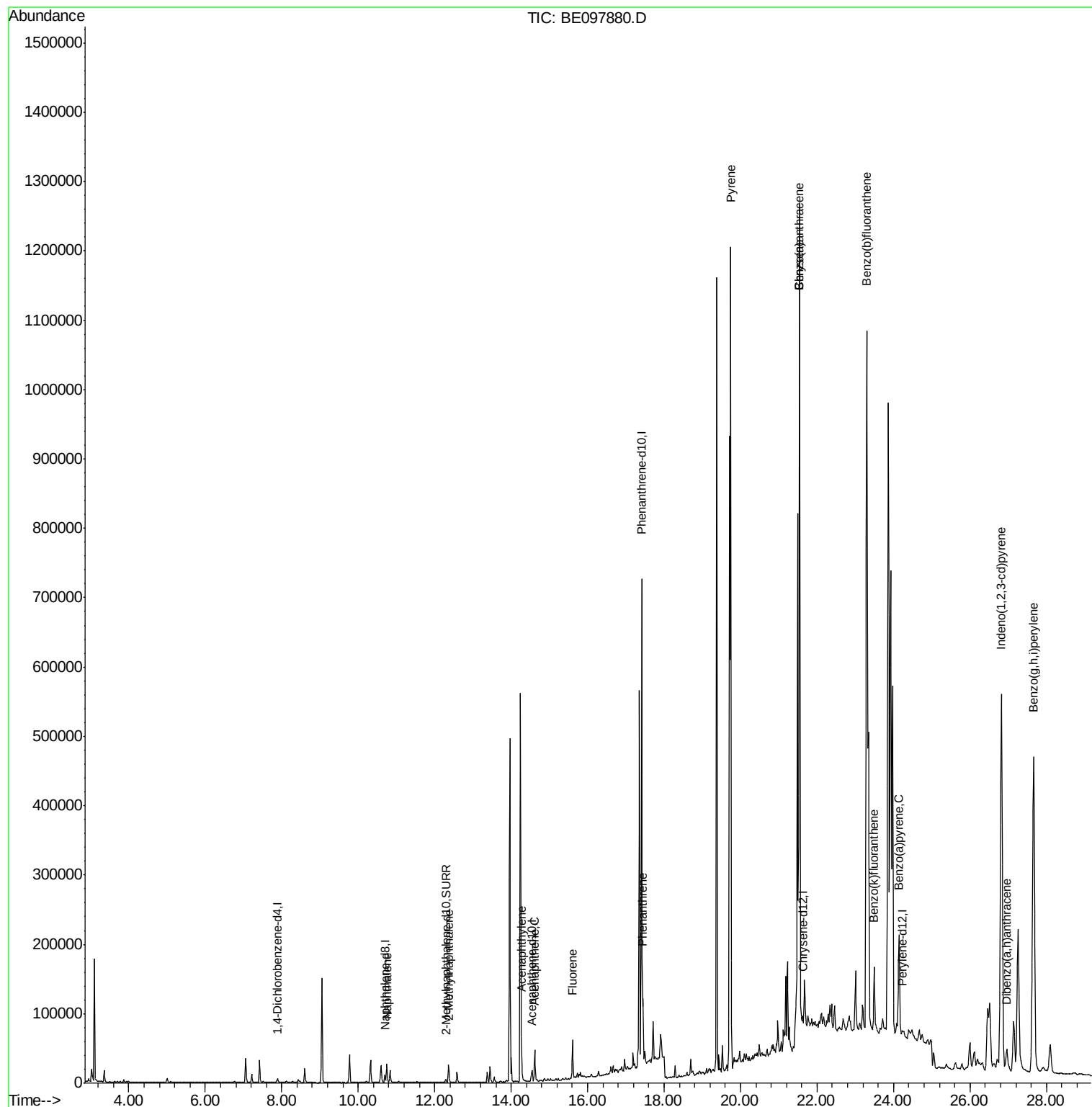
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2399	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11930	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	8830	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.42	188	882993	0.40	ng/ul	0.11
16) Chrysene-d12	21.64	240	1027	0.40	ng/ul	0.14
20) Perylene-d12	24.23	264	6241	0.40	ng/ul	0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5592	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.45	212	1009	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	39533	1.362	ng/ul	100
5) 2-Methylnaphthalene	12.36	142	21250	1.012	ng/ul	100
7) Acenaphthylene	14.27	152	56530	1.692	ng/ul	96
8) Acenaphthene	14.61	153	26514	1.023	ng/ul	98
9) Fluorene	15.61	166	35641	1.054	ng/ul	98
12) Phenanthrene	17.44	178	111500	0.053	ng/ul	95
17) Pyrene	19.74	202	1357940	443.848	ng/ul	97
18) Benzo(a)anthracene	21.54	228	1240714	399.560	ng/ul	93
19) Chrysene	21.54	228	1240714	444.703	ng/ul	94
21) Benzo(b)fluoranthene	23.30	252	2317681	138.951	ng/ul	98
22) Benzo(k)fluoranthene	23.50	252	150520	8.430	ng/ul#	59
23) Benzo(a)pyrene	24.15	252	225166	13.750	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	26.82	276	1022572	55.005	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.96	278	54146	3.524	ng/ul#	56
26) Benzo(g,h,i)perylene	27.67	276	1178831	72.775	ng/ul	99

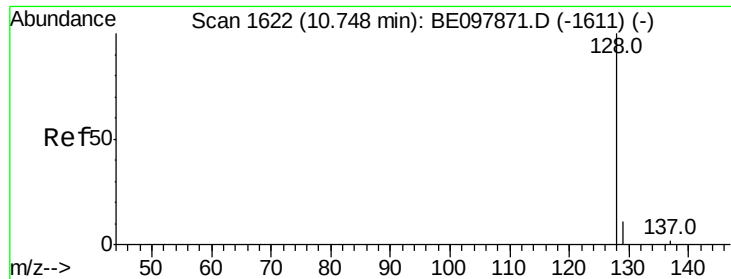
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
Data File : BE097880.D
Acq On : 12 Oct 2018 10:28
Operator : SJ/JU
Sample : J5183-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 12 14:27:28 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 04:56:57 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.362 ng/ul

RT: 10.75 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE097880.D

Acq: 12 Oct 2018 10:28

Instrument :

BNA_E

ClientSampleId :

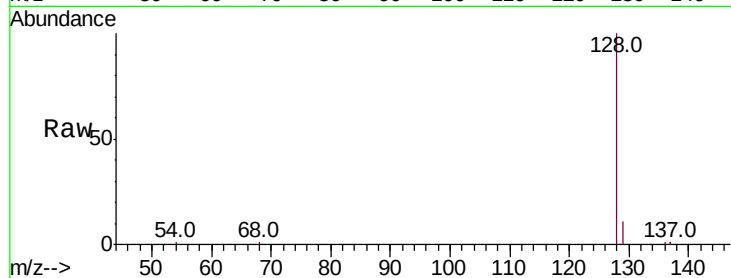
Tot Ion:128 Resp: 39533

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

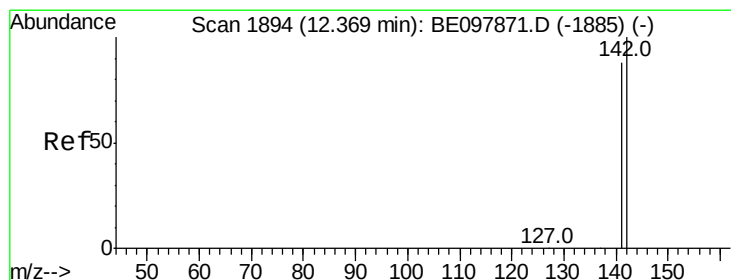
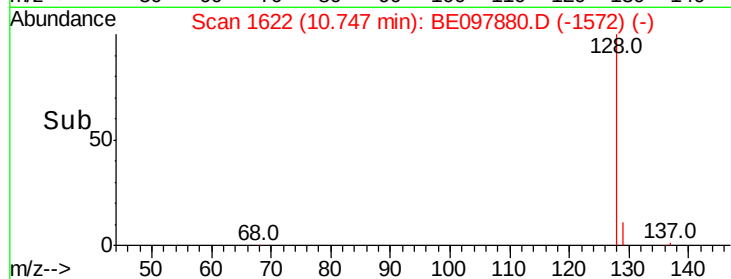
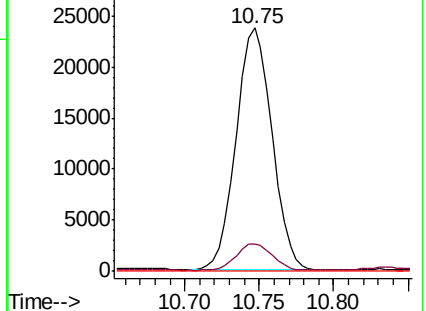
127 0.0 0.0 0.0



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: 1.012 ng/ul

RT: 12.36 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BE097880.D

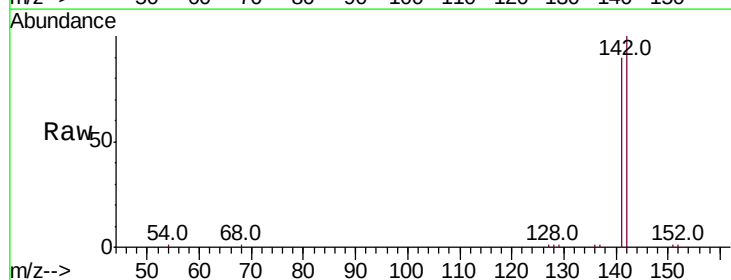
Acq: 12 Oct 2018 10:28

Tgt Ion:142 Resp: 21250

Ion Ratio Lower Upper

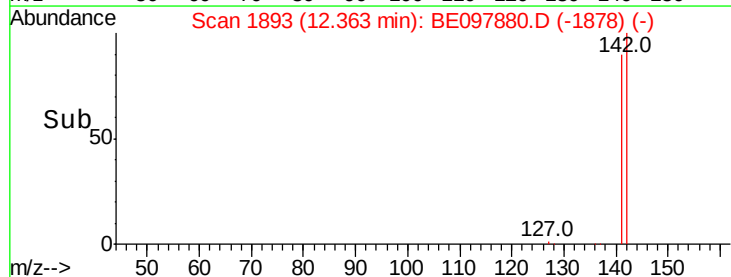
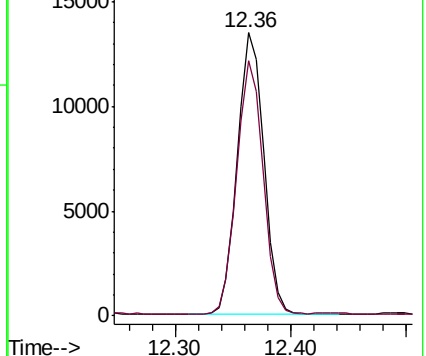
142 100

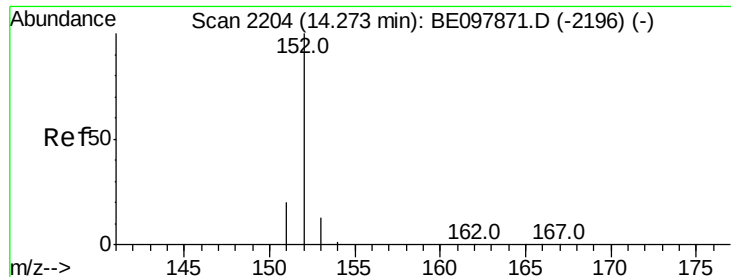
141 89.2 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.692 ng/ul

RT: 14.27 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE097880.D

Acq: 12 Oct 2018 10:28

Instrument :

BNA_E

ClientSampleId :

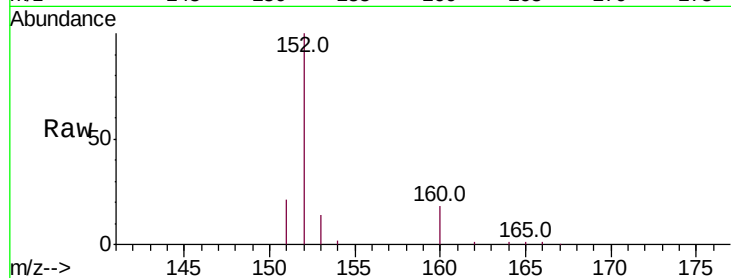
Tot Ion:152 Resp: 56530

Ion Ratio Lower Upper

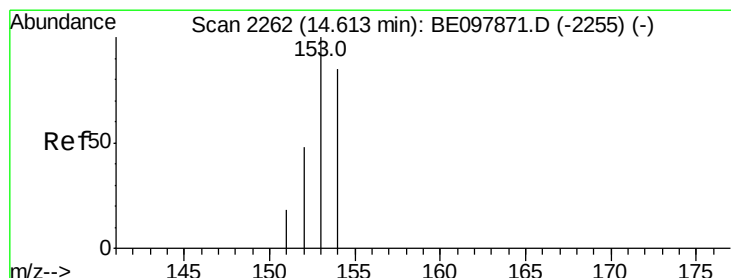
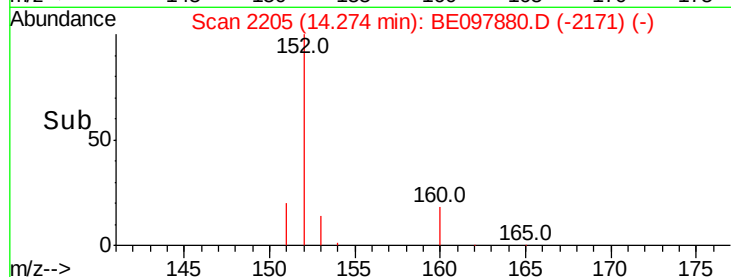
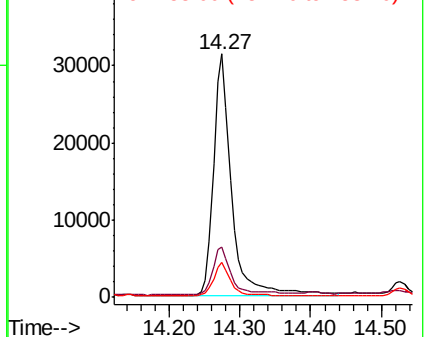
152 100

151 20.7 15.0 22.6

153 14.2 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: 1.023 ng/ul

RT: 14.61 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BE097880.D

Acq: 12 Oct 2018 10:28

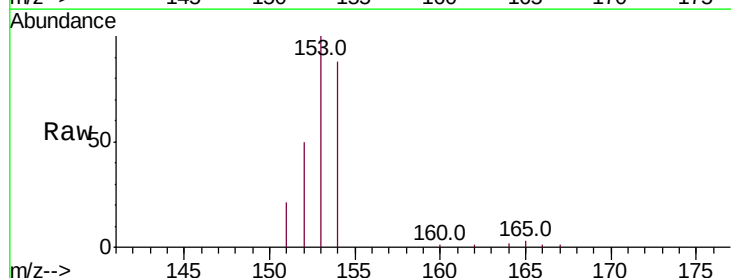
Tgt Ion:153 Resp: 26514

Ion Ratio Lower Upper

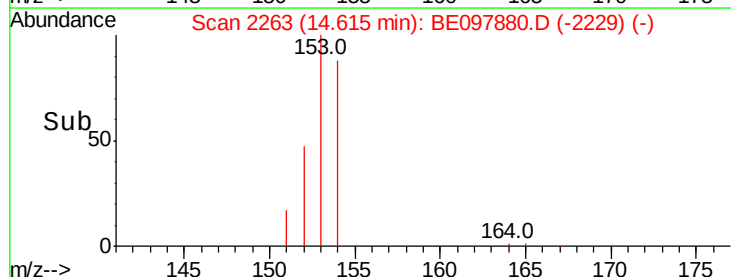
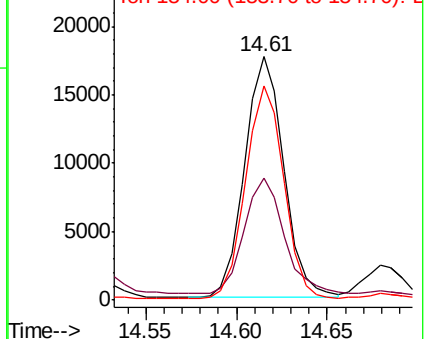
153 100

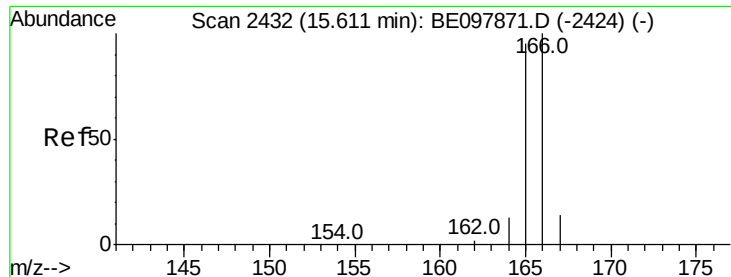
152 50.1 41.2 61.8

154 87.8 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

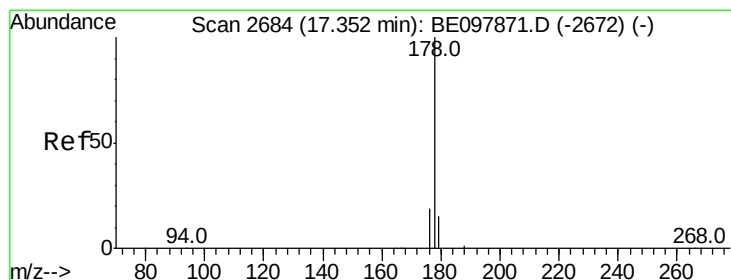
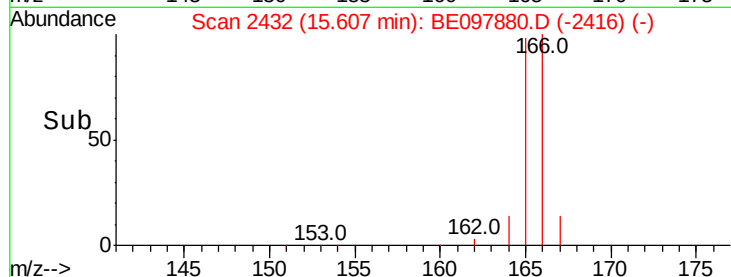
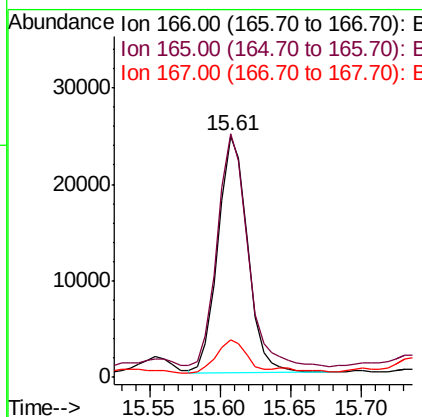
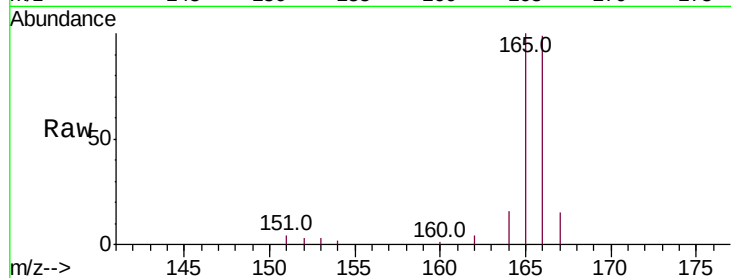




#9
Fluorene
 Concen: 1.054 ng/ul
 RT: 15.61 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BE097880.D
 Acq: 12 Oct 2018 10:28

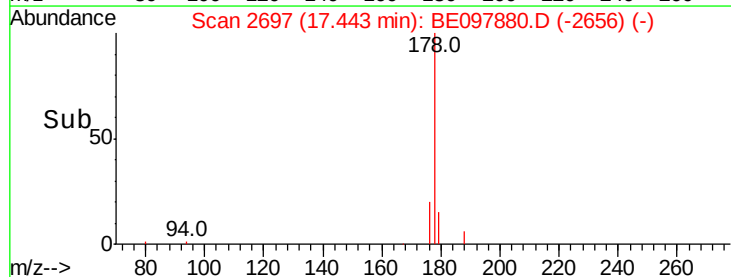
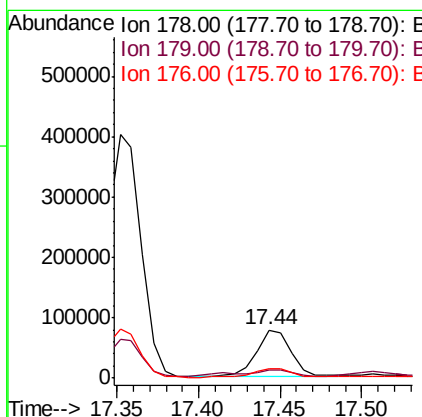
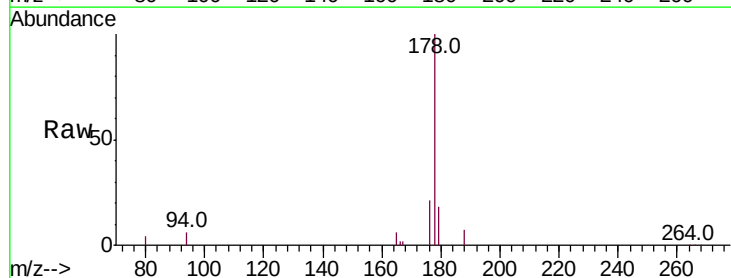
Instrument :
 BNA_E
 ClientSampleId :

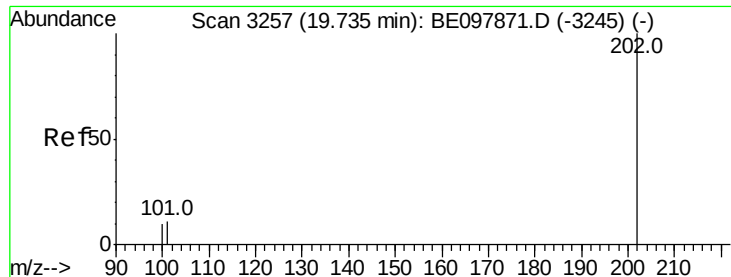
Tot Ion:166 Resp: 35641
 Ion Ratio Lower Upper
 166 100
 165 100.8 79.2 118.8
 167 15.5 11.3 16.9



#12
Phenanthrene
 Concen: 0.053 ng/ul
 RT: 17.44 min Scan# 2697
 Delta R.T. 0.09 min
 Lab File: BE097880.D
 Acq: 12 Oct 2018 10:28

Tgt Ion:178 Resp: 111500
 Ion Ratio Lower Upper
 178 100
 179 18.0 12.8 19.2
 176 20.8 14.9 22.3

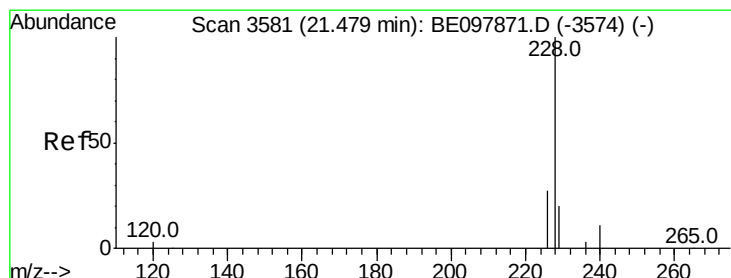
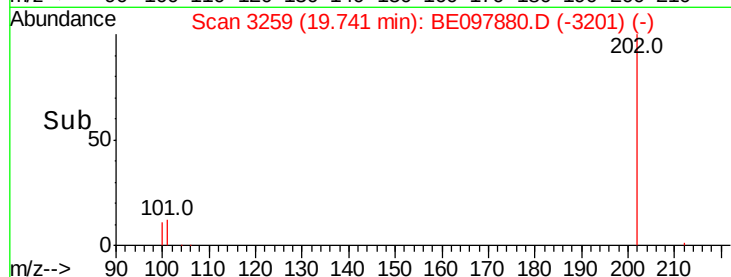
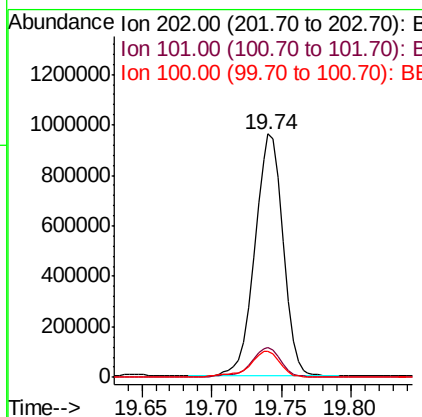
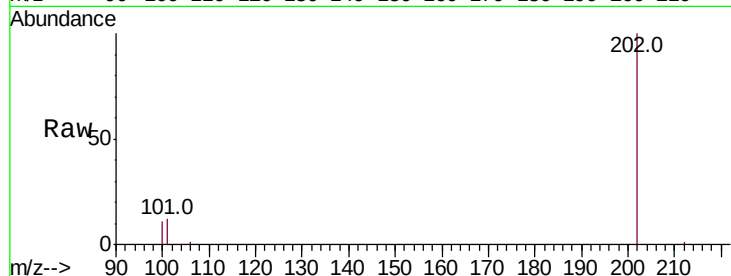




#17
Pvrene
Concen: 443.848 ng/ul
RT: 19.74 min Scan# 3259
Delta R.T. 0.01 min
Lab File: BE097880.D
Acq: 12 Oct 2018 10:28

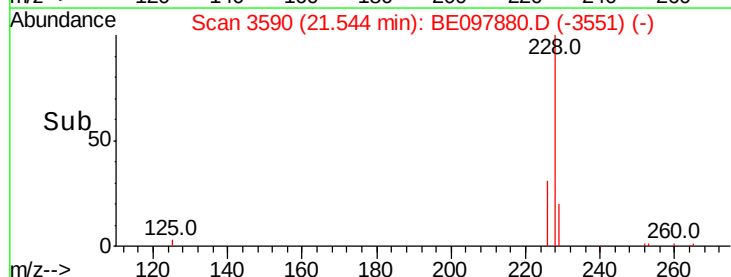
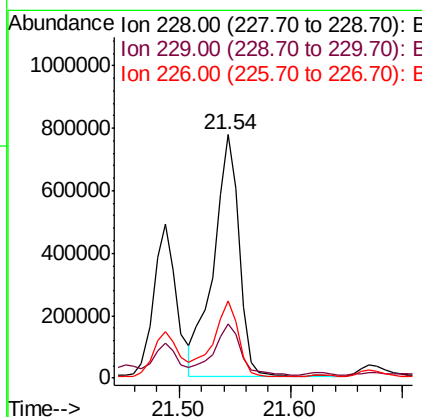
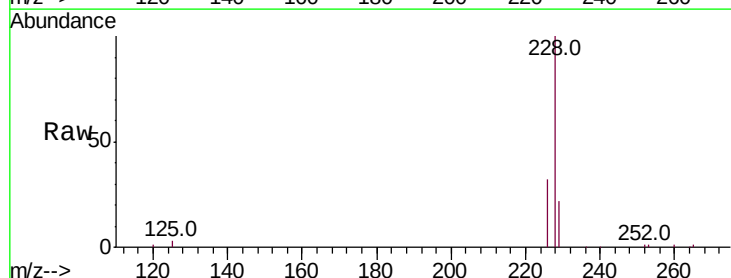
Instrument :
BNA_E
ClientSampleId :

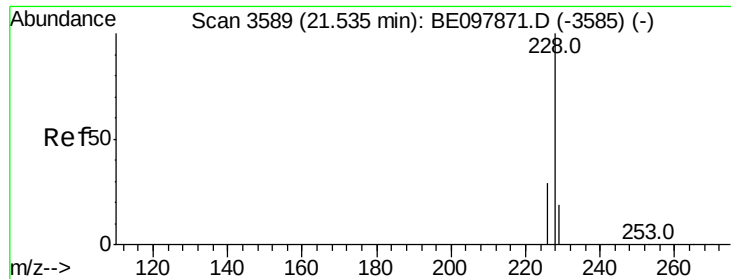
Tot Ion:202 Resp: 1357940
Ion Ratio Lower Upper
202 100
101 12.3 8.8 13.2
100 10.8 7.9 11.9



#18
Benzo(a)anthracene
Concen: 399.560 ng/ul
RT: 21.54 min Scan# 3590
Delta R.T. 0.06 min
Lab File: BE097880.D
Acq: 12 Oct 2018 10:28

Tgt Ion:228 Resp: 1240714
Ion Ratio Lower Upper
228 100
229 22.4 16.4 24.6
226 31.6 21.5 32.3





#19

Chrysene

Concen: 444.703 ng/ul

RT: 21.54 min Scan# 3590

Delta R.T. 0.01 min

Lab File: BE097880.D

Acq: 12 Oct 2018 10:28

Instrument :

BNA_E

ClientSampleId :

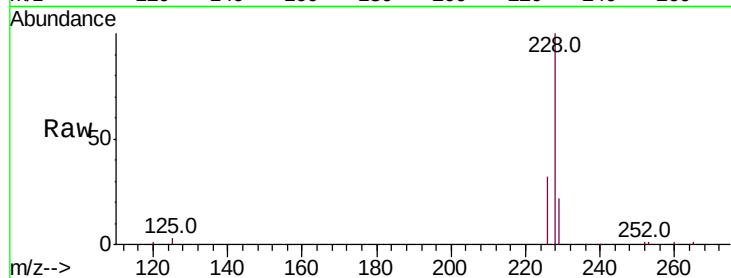
Tot Ion:228 Resp: 1240714

Ion Ratio Lower Upper

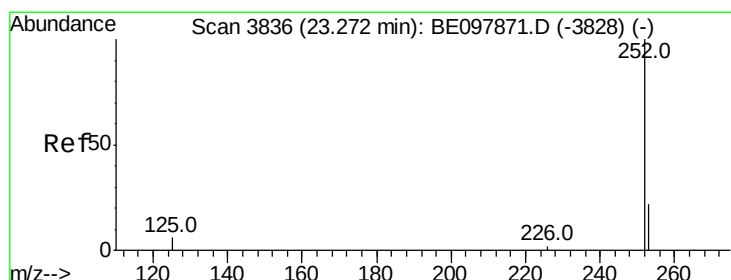
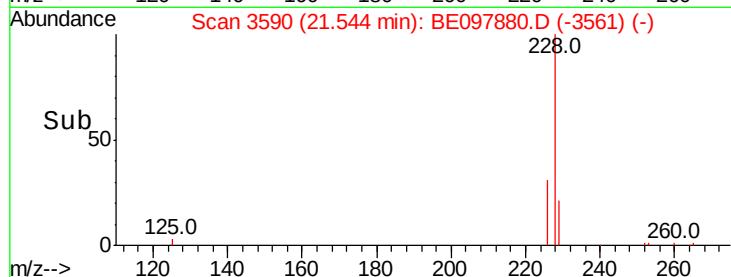
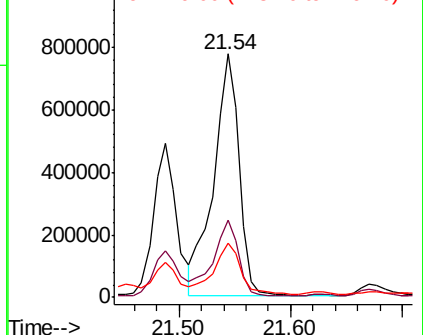
228 100

226 31.6 23.0 34.4

229 22.4 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: 138.951 ng/ul

RT: 23.30 min Scan# 3840

Delta R.T. 0.03 min

Lab File: BE097880.D

Acq: 12 Oct 2018 10:28

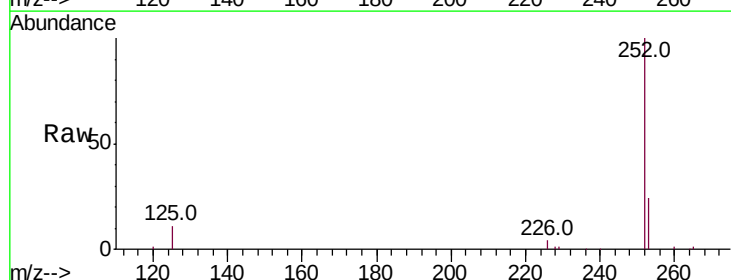
Tgt Ion:252 Resp: 2317681

Ion Ratio Lower Upper

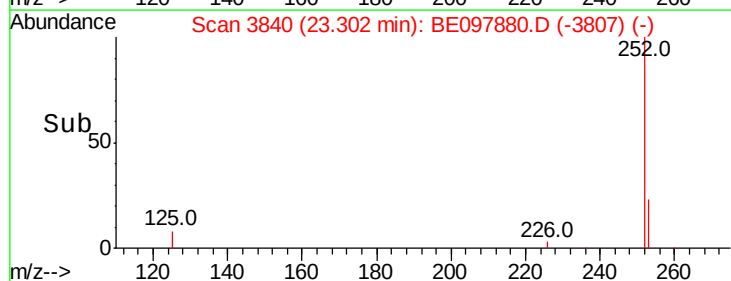
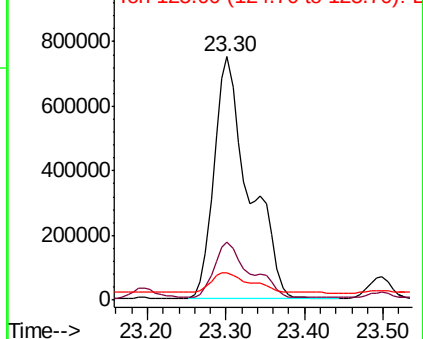
252 100

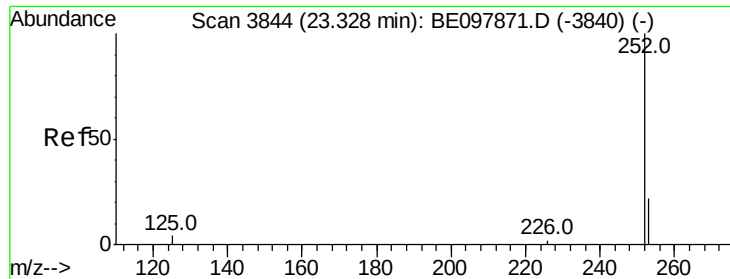
253 23.9 0.0 47.0

125 11.5 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: 8.430 ng/ul

RT: 23.50 min Scan# 3868

Delta R.T. 0.17 min

Lab File: BE097880.D

Acq: 12 Oct 2018 10:28

Instrument :

BNA_E

ClientSampleId :

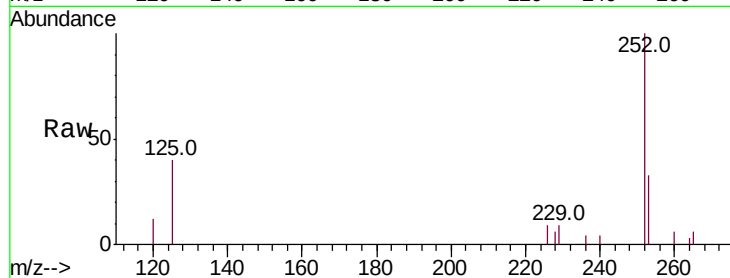
Tot Ion:252 Resp: 150520

Ion Ratio Lower Upper

252 100

253 33.1 17.8 26.6#

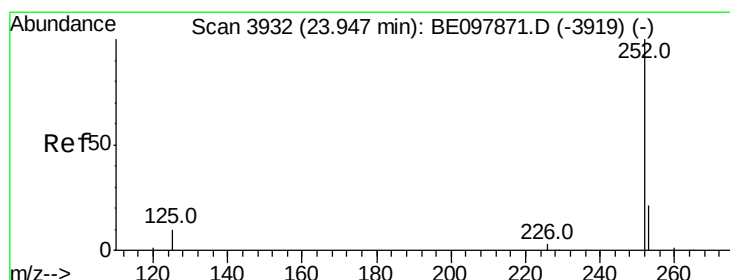
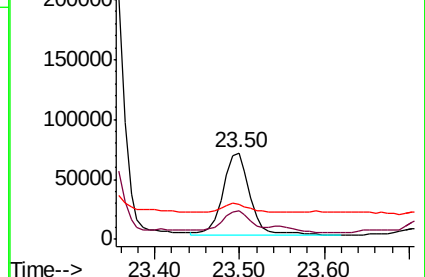
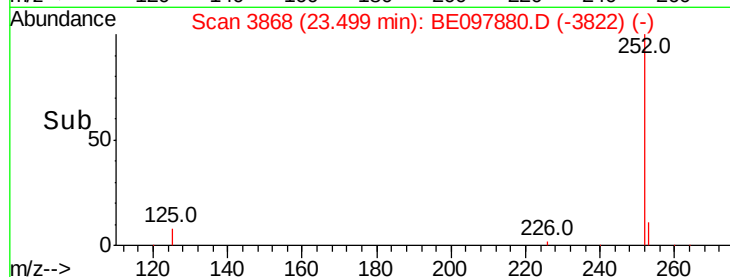
125 40.5 9.4 14.0#



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: 13.750 ng/ul

RT: 24.15 min Scan# 3960

Delta R.T. 0.20 min

Lab File: BE097880.D

Acq: 12 Oct 2018 10:28

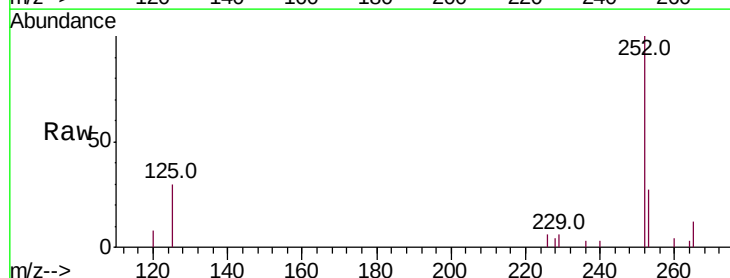
Tgt Ion:252 Resp: 225166

Ion Ratio Lower Upper

252 100

253 27.1 18.2 27.4

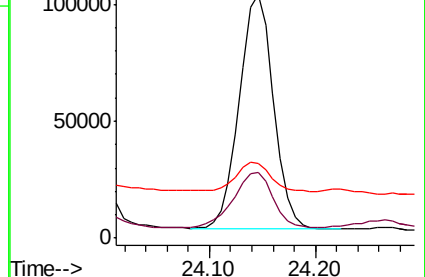
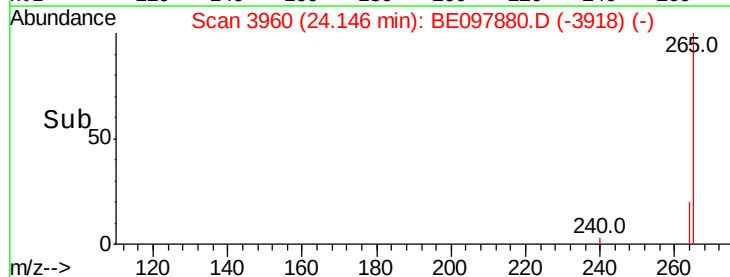
125 30.4 8.3 12.5#

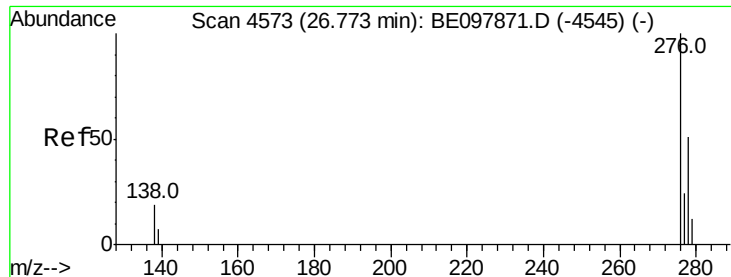


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



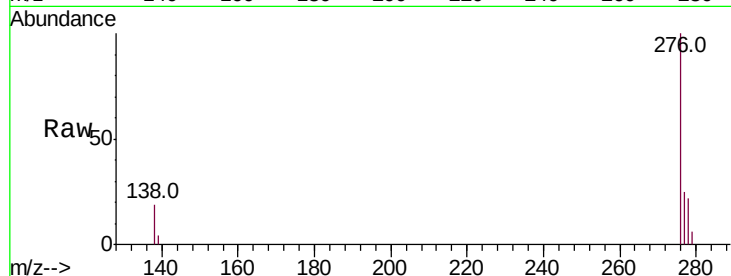


#24

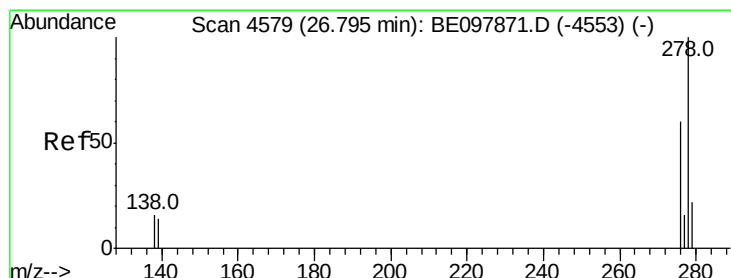
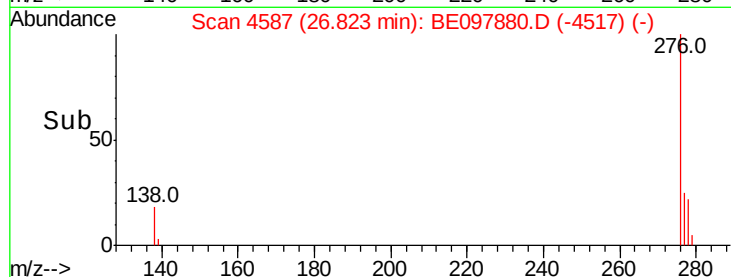
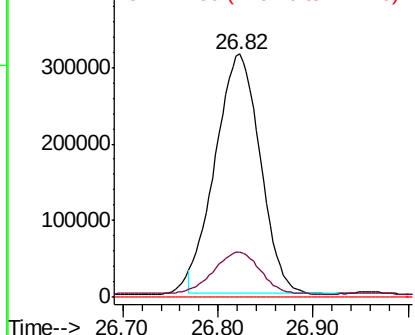
Indeno(1,2,3-cd)pyrene
Concen: 55.005 ng/ul
RT: 26.82 min Scan# 4587
Delta R.T. 0.05 min
Lab File: BE097880.D
Acq: 12 Oct 2018 10:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 1022572
Ion Ratio Lower Upper
276 100
138 17.9 0.0 0.0#
227 0.0 0.0 0.0



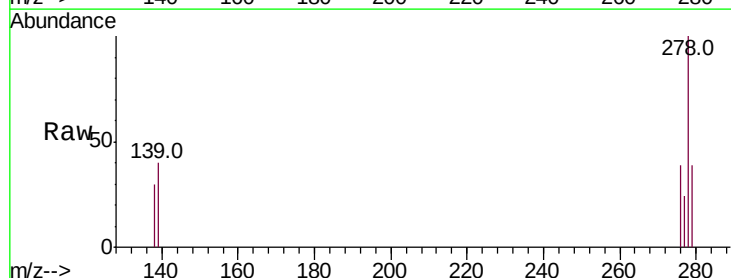
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



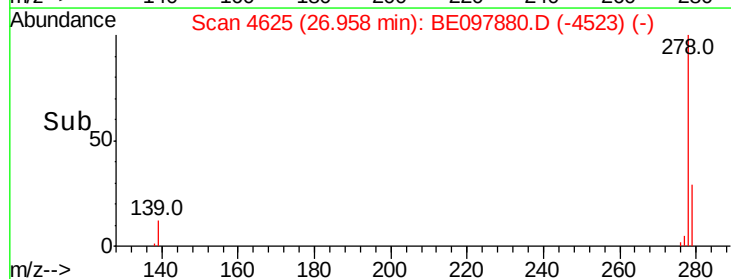
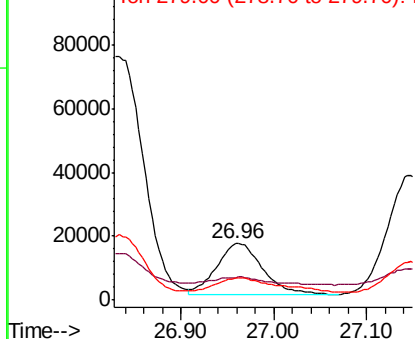
#25

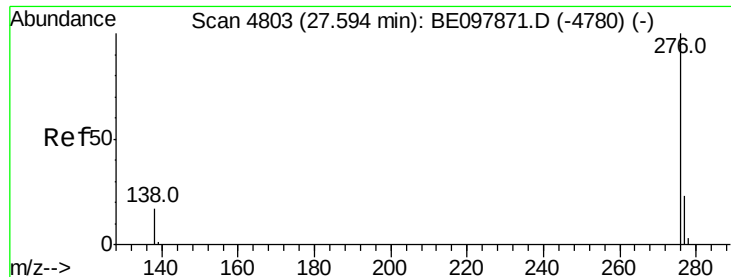
Dibenzo(a,h)anthracene
Concen: 3.524 ng/ul
RT: 26.96 min Scan# 4625
Delta R.T. 0.16 min
Lab File: BE097880.D
Acq: 12 Oct 2018 10:28

Tgt Ion:278 Resp: 54146
Ion Ratio Lower Upper
278 100
139 39.8 10.9 16.3#
279 38.9 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(a,h,i)perylene

Concen: 72.775 ng/ul

RT: 27.67 min Scan# 4824

Delta R.T. 0.07 min

Lab File: BE097880.D

Acq: 12 Oct 2018 10:28

Instrument :

BNA_E

ClientSampleId :

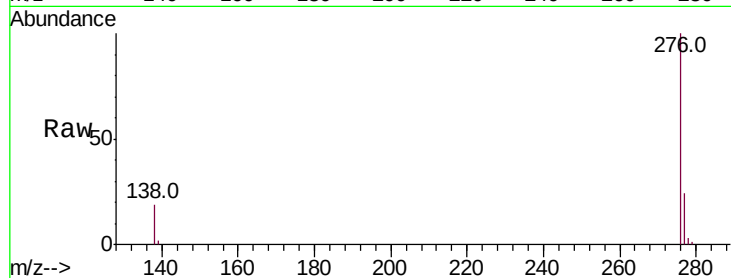
Tot Ion:276 Resp: 1178831

Ion Ratio Lower Upper

276 100

138 18.8 14.3 21.5

277 24.5 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

