

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097869.D
 Acq On : 11 Oct 2018 22:23
 Operator : SJ/JU
 Sample : J5183-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 03:59:22 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

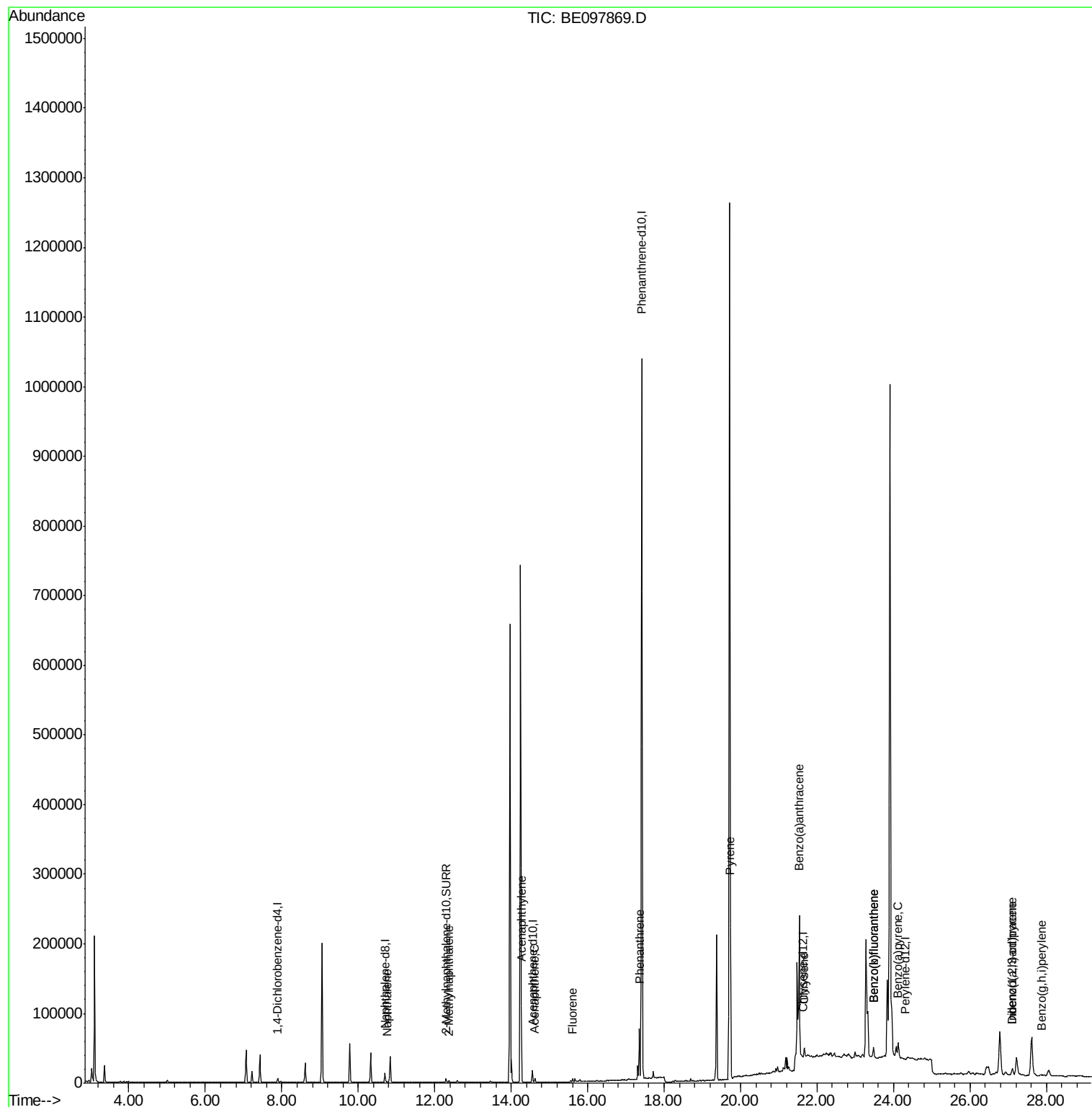
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2774	0.40	ng/ul	0.01
2) Naphthalene-d8	10.70	136	14102	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.55	164	10136	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.42	188	1211229	0.40	ng/ul	0.12
16) Chrysene-d12	21.64	240	122	0.40	ng/ul	0.16
20) Perylene-d12	24.31	264	60	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	7182	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.40	212	89	0.00	ng/ul	0.07
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	3411	0.099	ng/ul	94
5) 2-Methylnaphthalene	12.37	142	2673	0.108	ng/ul	99
7) Acenaphthylene	14.27	152	1792	0.047	ng/ul#	72
8) Acenaphthene	14.62	153	3743	0.126	ng/ul	98
9) Fluorene	15.61	166	2859	0.074	ng/ul#	91
12) Phenanthrene	17.35	178	80411	0.028	ng/ul	97
17) Pyrene	19.74	202	275114	756.966	ng/ul	99
18) Benzo(a)anthracene	21.54	228	215768	584.936	ng/ul	93
19) Chrysene	21.66	228	11503	34.707	ng/ul#	21
21) Benzo(b)fluoranthene	23.48	252	19955	124.440	ng/ul#	1
22) Benzo(k)fluoranthene	23.48	252	19955	116.254	ng/ul#	1
23) Benzo(a)pyrene	24.12	252	30081	191.065	ng/ul#	15
24) Indeno(1,2,3-cd)pyrene	27.11	276	3982	22.280	ng/ul#	100
25) Dibenzo(a,h)anthracene	27.11	278	16294	110.308	ng/ul#	17
26) Benzo(g,h,i)perylene	27.87	276	1503	9.651	ng/ul#	1

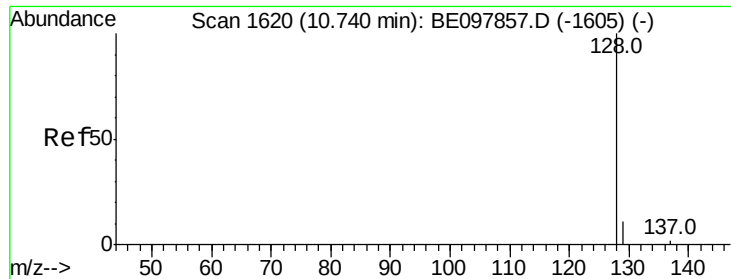
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.099 ng/ul

RT: 10.75 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Instrument :

BNA_E

ClientSampleId :

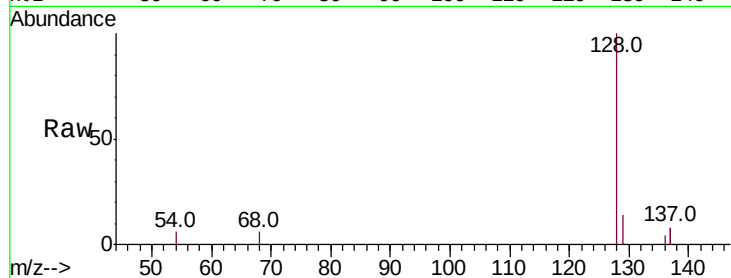
Tot Ion:128 Resp: 3411

Ion Ratio Lower Upper

128 100

129 13.6 9.1 13.7

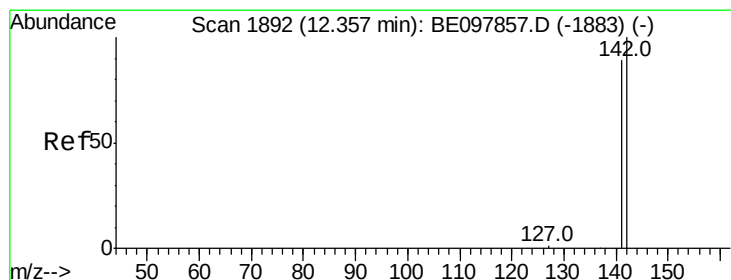
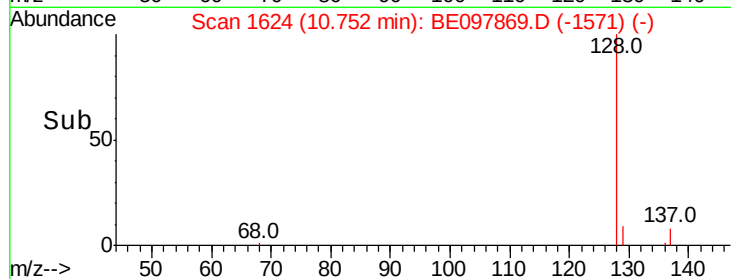
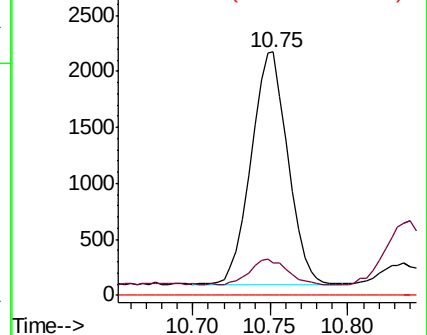
127 0.0 0.0 0.0



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: 0.108 ng/ul

RT: 12.37 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BE097869.D

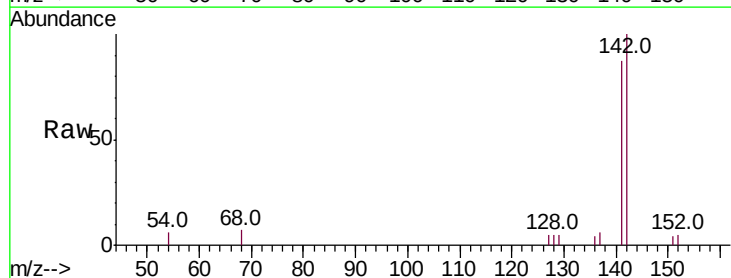
Acq: 11 Oct 2018 22:23

Tgt Ion:142 Resp: 2673

Ion Ratio Lower Upper

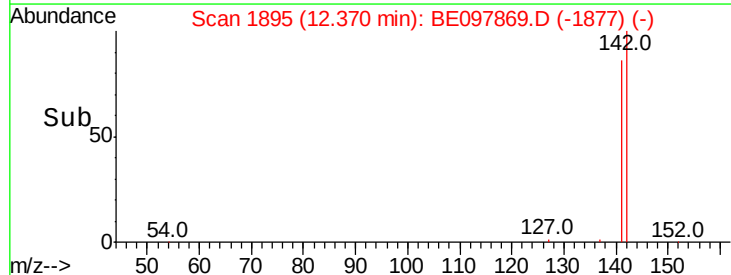
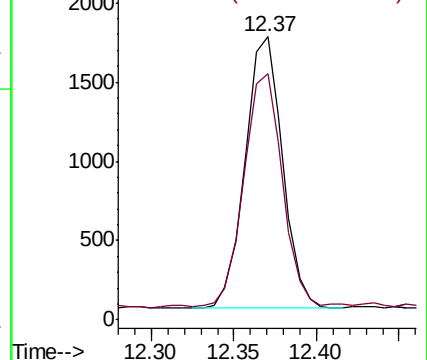
142 100

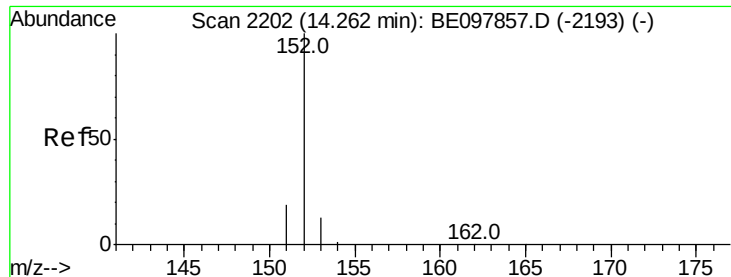
141 90.4 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.047 ng/ul

RT: 14.27 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Instrument :

BNA_E

ClientSampleId :

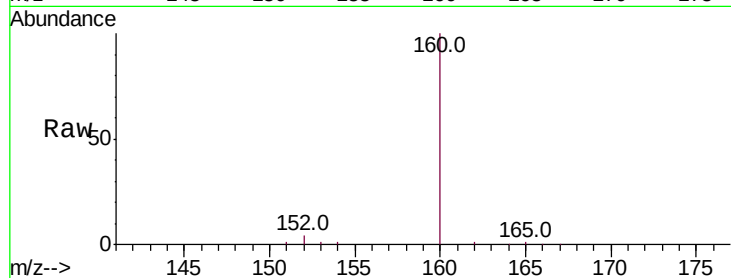
Tot Ion:152 Resp: 1792

Ion Ratio Lower Upper

152 100

151 31.2 15.0 22.6#

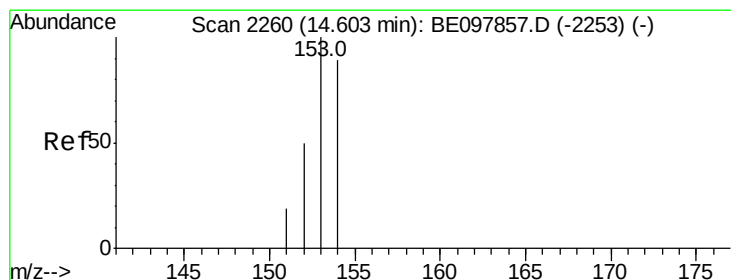
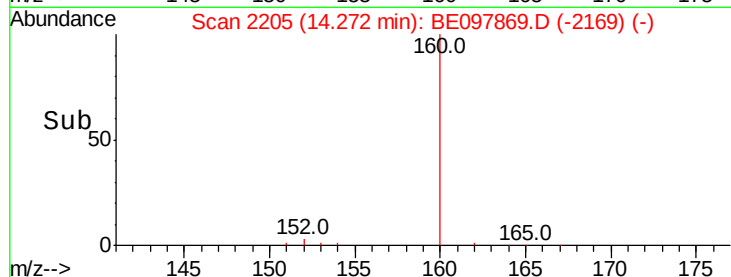
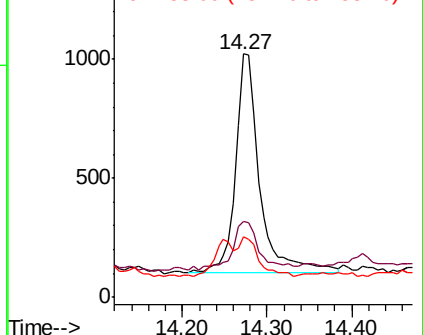
153 24.6 10.5 15.7#



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: 0.126 ng/ul

RT: 14.62 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

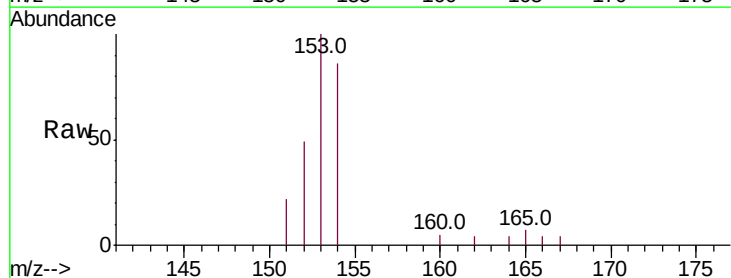
Tgt Ion:153 Resp: 3743

Ion Ratio Lower Upper

153 100

152 49.2 41.2 61.8

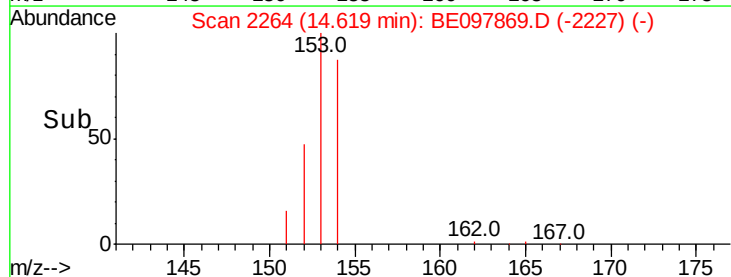
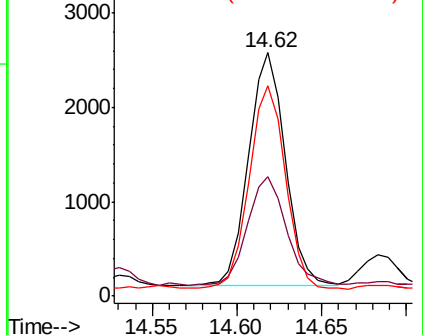
154 86.3 68.6 103.0

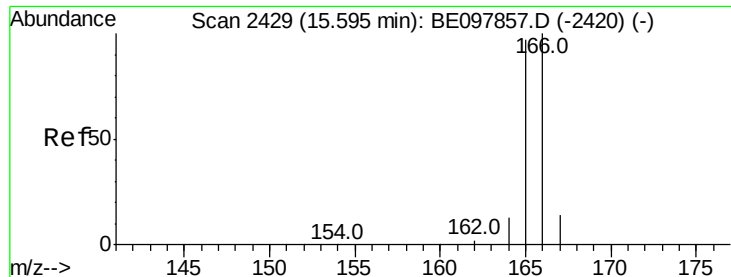


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

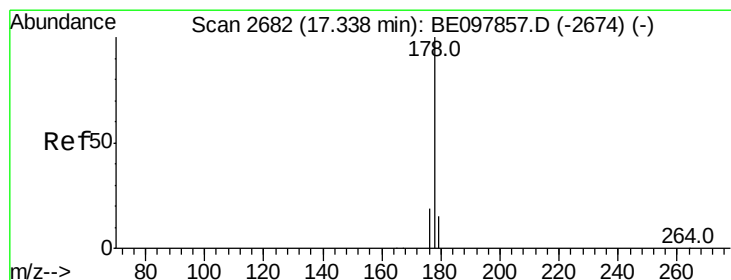
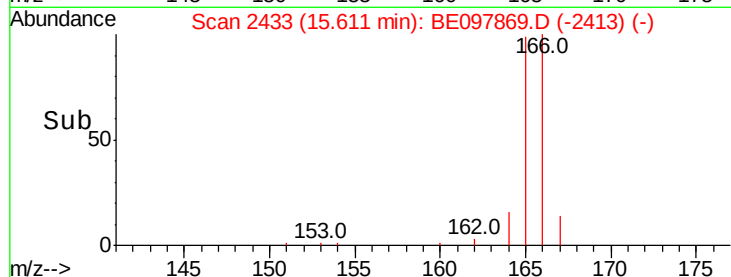
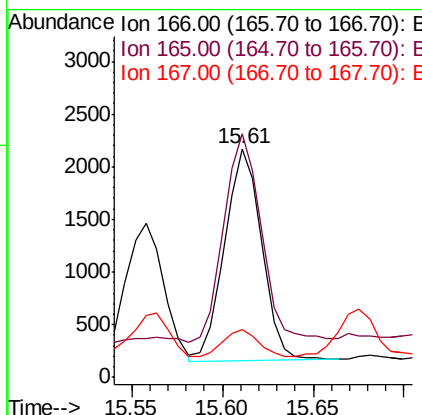
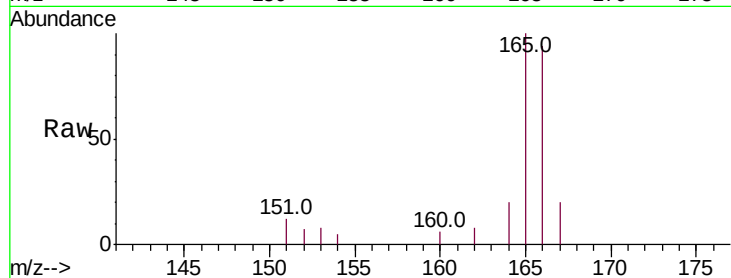




#9
Fluorene
 Concen: 0.074 ng/ul
 RT: 15.61 min Scan# 2433
 Delta R.T. 0.02 min
 Lab File: BE097869.D
 Acq: 11 Oct 2018 22:23

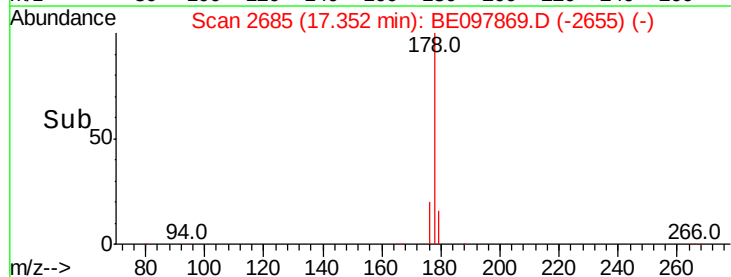
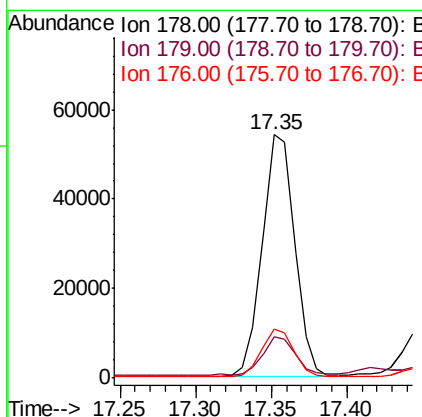
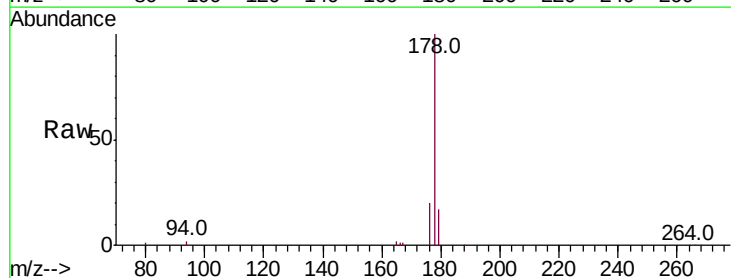
Instrument :
 BNA_E
 ClientSampleId :

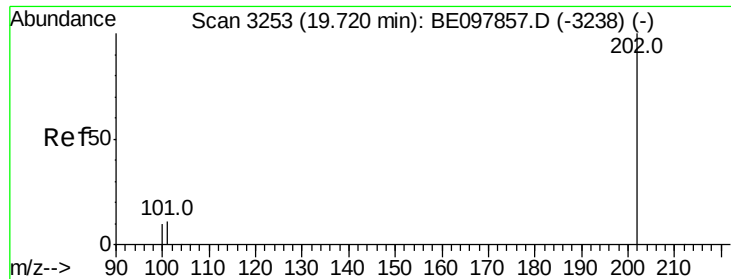
Tot Ion:166 Resp: 2859
 Ion Ratio Lower Upper
 166 100
 165 106.4 79.2 118.8
 167 20.9 11.3 16.9#



#12
Phenanthrene
 Concen: 0.028 ng/ul
 RT: 17.35 min Scan# 2685
 Delta R.T. 0.01 min
 Lab File: BE097869.D
 Acq: 11 Oct 2018 22:23

Tgt Ion:178 Resp: 80411
 Ion Ratio Lower Upper
 178 100
 179 16.7 12.8 19.2
 176 20.2 14.9 22.3

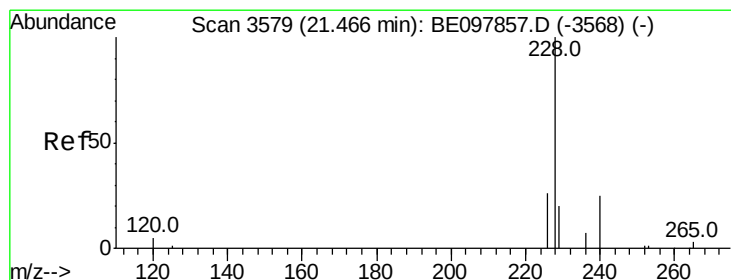
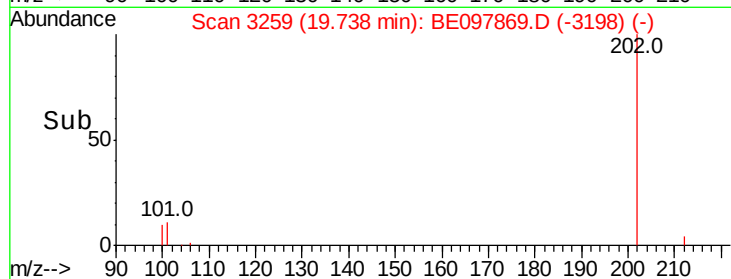
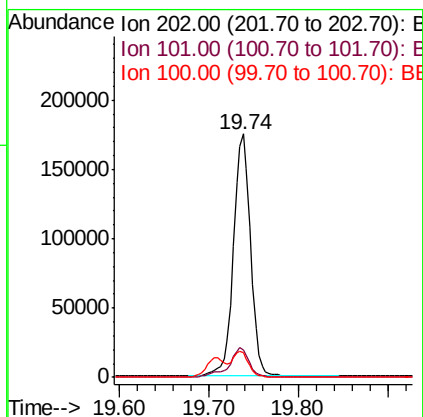
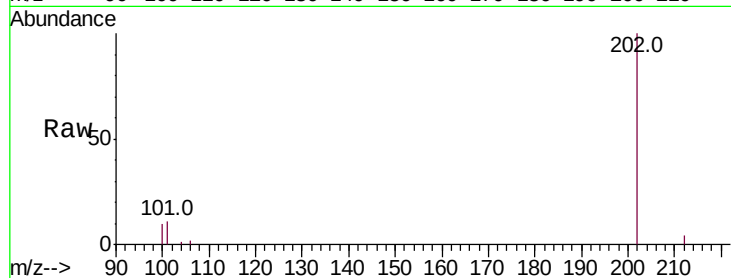




#17
Pvrene
Concen: 756.966 ng/ul
RT: 19.74 min Scan# 3259
Delta R.T. 0.02 min
Lab File: BE097869.D
Acq: 11 Oct 2018 22:23

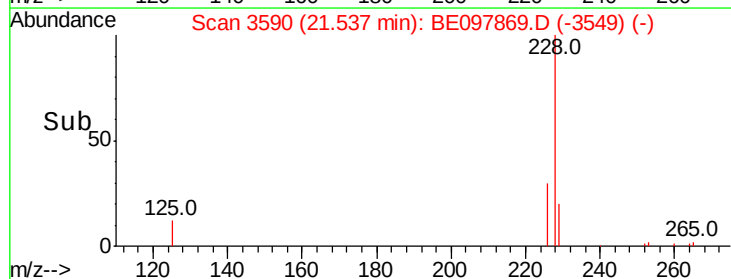
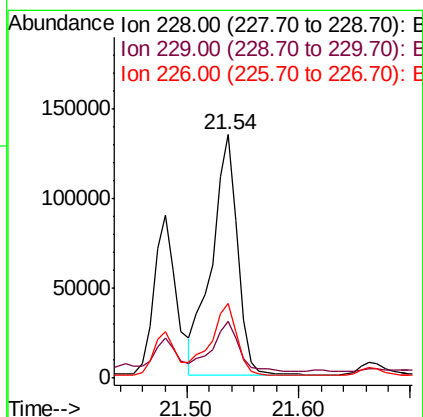
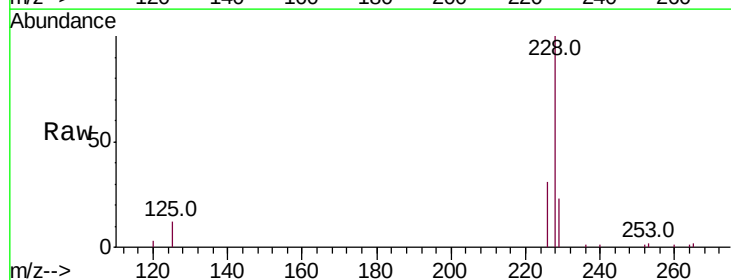
Instrument :
BNA_E
ClientSampleId :

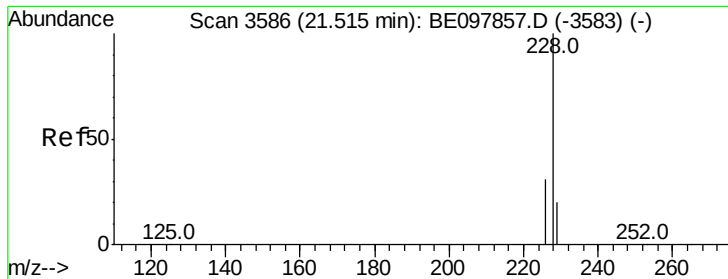
Tot Ion:202 Resp: 275114
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 10.0 7.9 11.9



#18
Benzo(a)anthracene
Concen: 584.936 ng/ul
RT: 21.54 min Scan# 3590
Delta R.T. 0.07 min
Lab File: BE097869.D
Acq: 11 Oct 2018 22:23

Tgt Ion:228 Resp: 215768
Ion Ratio Lower Upper
228 100
229 23.3 16.4 24.6
226 30.7 21.5 32.3





#19

Chrysene

Concen: 34.707 ng/ul

RT: 21.66 min Scan# 3608

Delta R.T. 0.15 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Instrument :

BNA_E

ClientSampled :

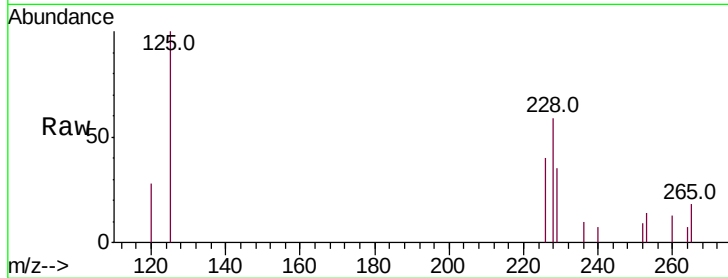
Tot Ion:228 Resp: 11503

Ion Ratio Lower Upper

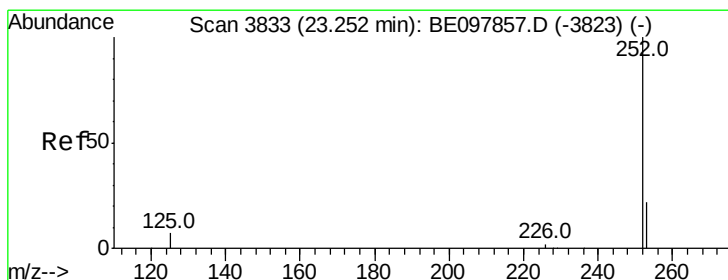
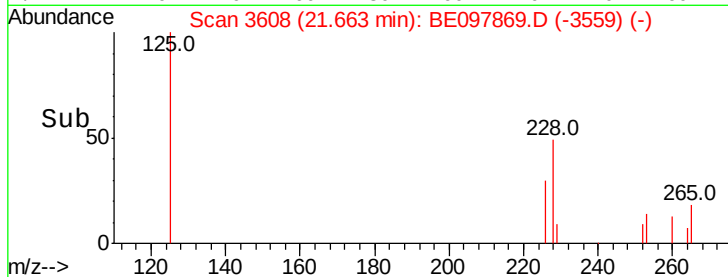
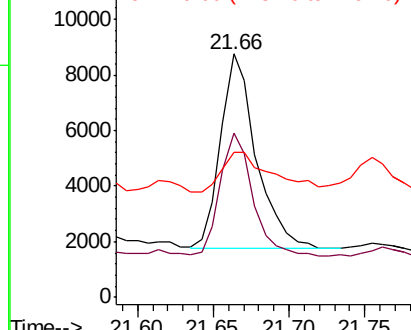
228 100

226 67.6 23.0 34.4#

229 59.5 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: 124.440 ng/ul

RT: 23.48 min Scan# 3866

Delta R.T. 0.23 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

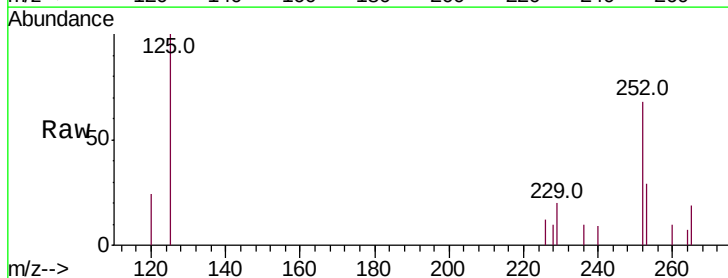
Tgt Ion:252 Resp: 19955

Ion Ratio Lower Upper

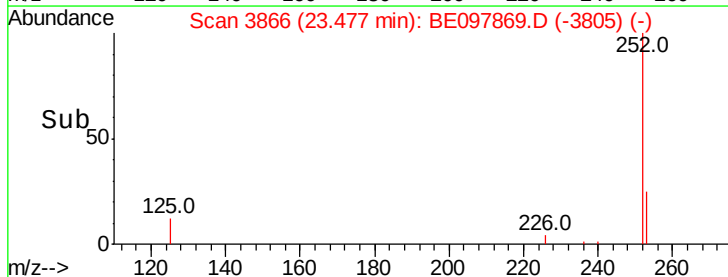
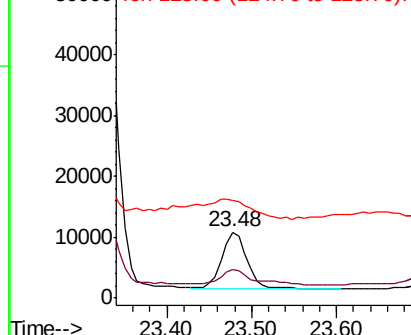
252 100

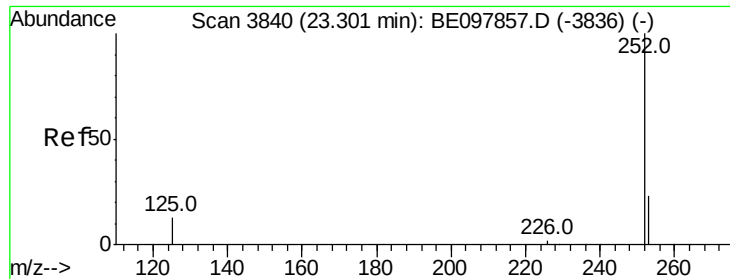
253 42.9 0.0 47.0

125 147.7 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: 116.254 ng/ul

RT: 23.48 min Scan# 3866

Delta R.T. 0.18 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Instrument :

BNA_E

ClientSampleId :

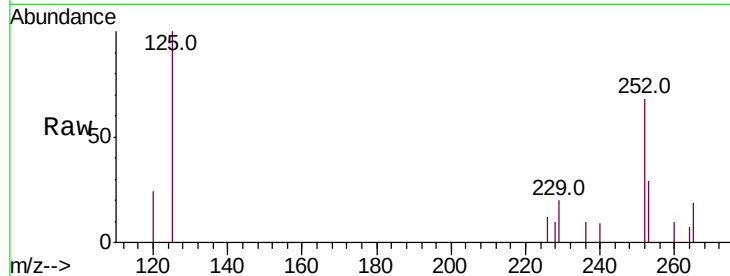
Tot Ion:252 Resp: 19955

Ion Ratio Lower Upper

252 100

253 42.9 17.8 26.6#

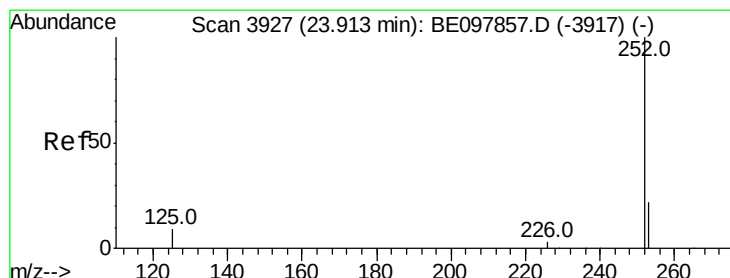
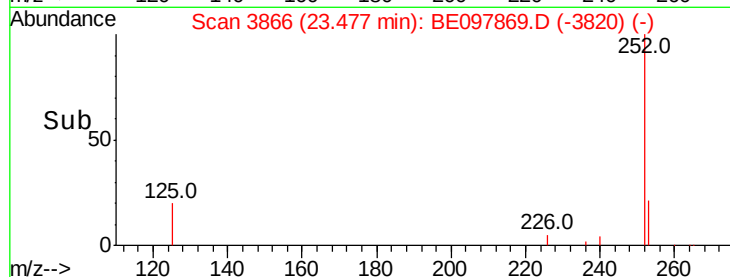
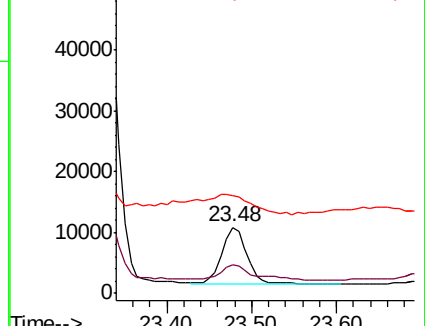
125 147.7 9.4 14.0#



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: 191.065 ng/ul

RT: 24.12 min Scan# 3958

Delta R.T. 0.21 min

Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

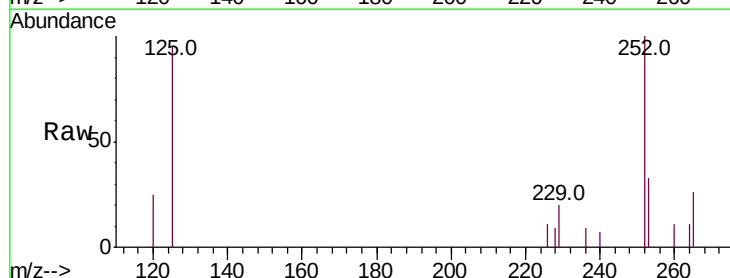
Tgt Ion:252 Resp: 30081

Ion Ratio Lower Upper

252 100

253 32.7 18.2 27.4#

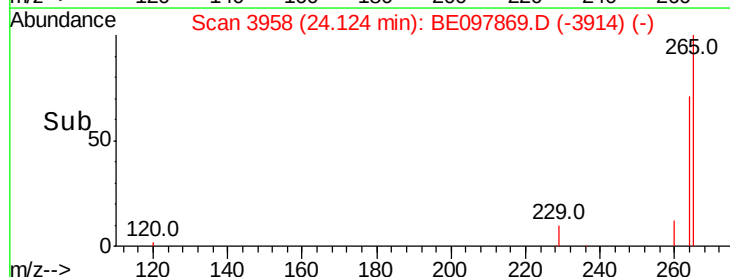
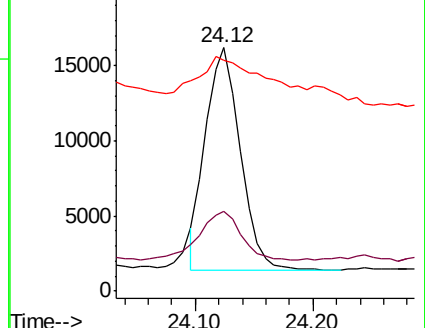
125 94.6 8.3 12.5#

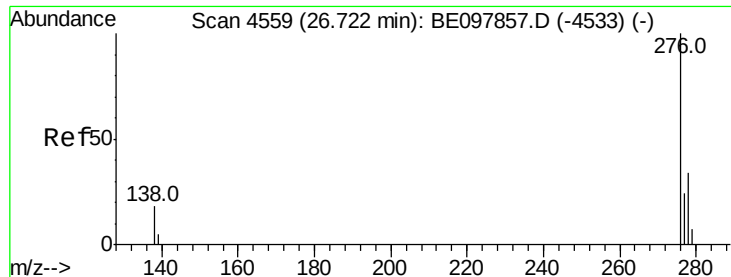


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



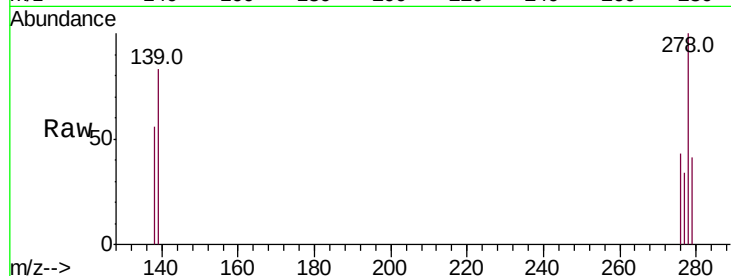


#24

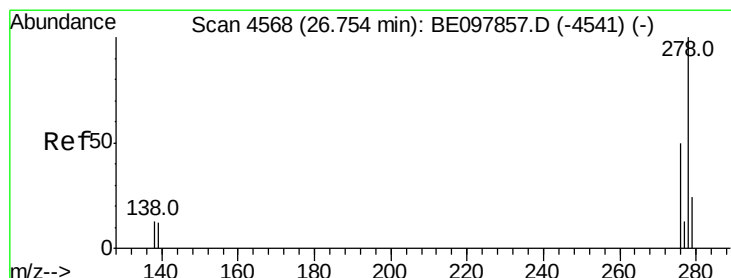
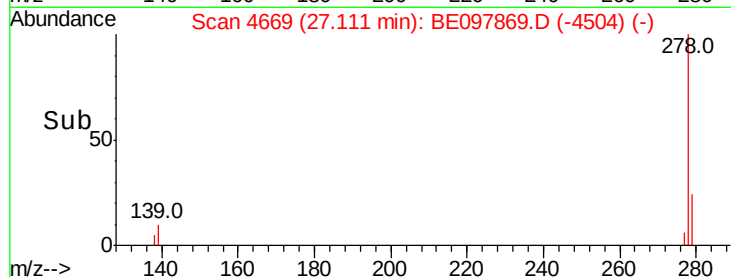
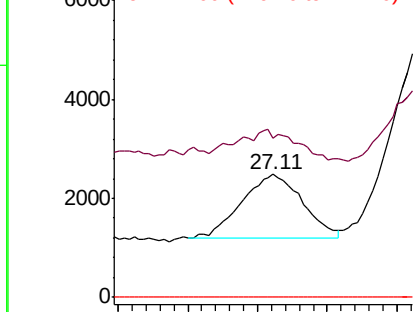
Indeno(1,2,3-cd)pyrene
Concen: 22.280 ng/ul
RT: 27.11 min Scan# 4669
Delta R.T. 0.39 min
Lab File: BE097869.D
Acq: 11 Oct 2018 22:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 3982
Ion Ratio Lower Upper
276 100
138 49.7 0.0 0.0#
227 0.0 0.0 0.0



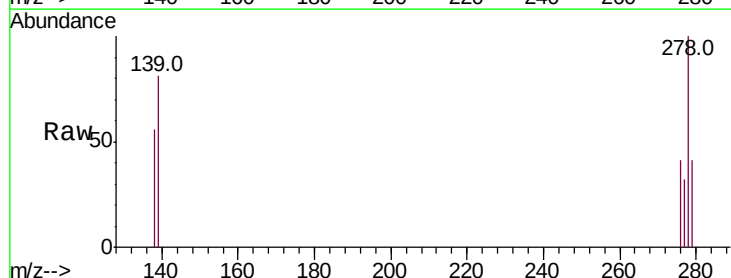
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



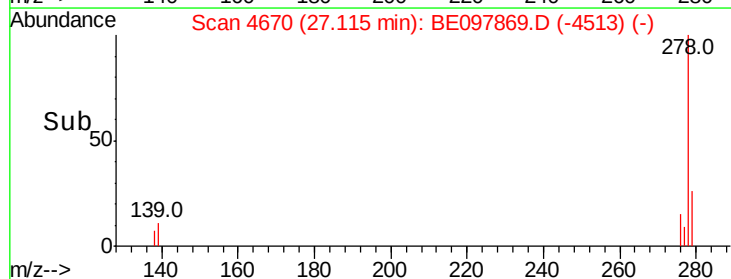
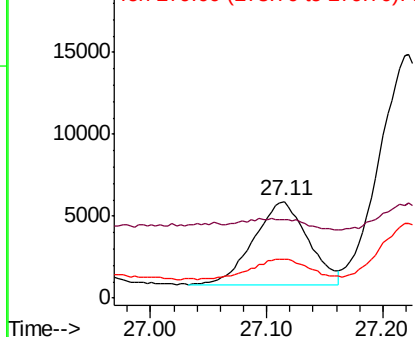
#25

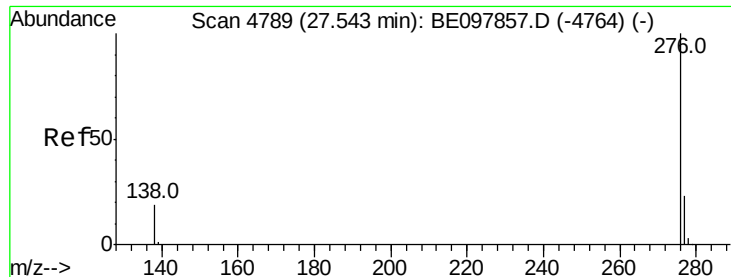
Dibenzo(a,h)anthracene
Concen: 110.308 ng/ul
RT: 27.11 min Scan# 4670
Delta R.T. 0.36 min
Lab File: BE097869.D
Acq: 11 Oct 2018 22:23

Tgt Ion:278 Resp: 16294
Ion Ratio Lower Upper
278 100
139 80.6 10.9 16.3#
279 40.6 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: 9.651 ng/ul

RT: 27.87 min Scan# 4883

Delta R.T. 0.33 min

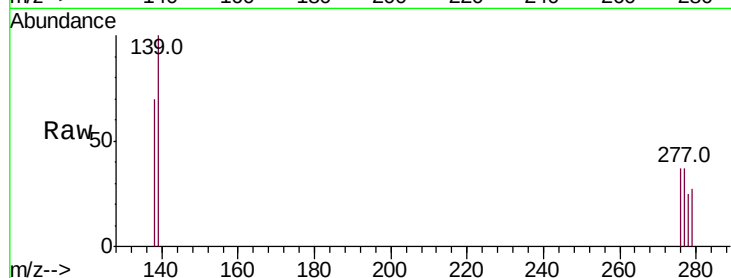
Lab File: BE097869.D

Acq: 11 Oct 2018 22:23

Instrument :

BNA_E

ClientSampleId :



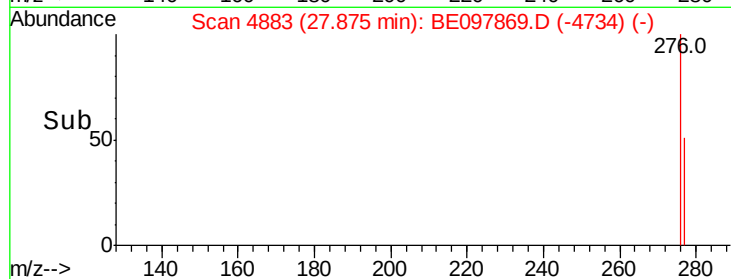
Tot Ion:276 Resp: 1503

Ion Ratio Lower Upper

276 100

138 187.8 14.3 21.5#

277 99.9 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

