

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE083118\
 Data File : BE097404.D
 Acq On : 31 Aug 2018 13:58
 Operator : SJ/JU
 Sample : J4596-08MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z29MSD

Quant Time: Aug 31 14:48:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 11:16:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	728	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	3729	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2427	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	7405	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9579	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9648	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.72	152	1018	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	4856	0.20	ng/ul	0.00

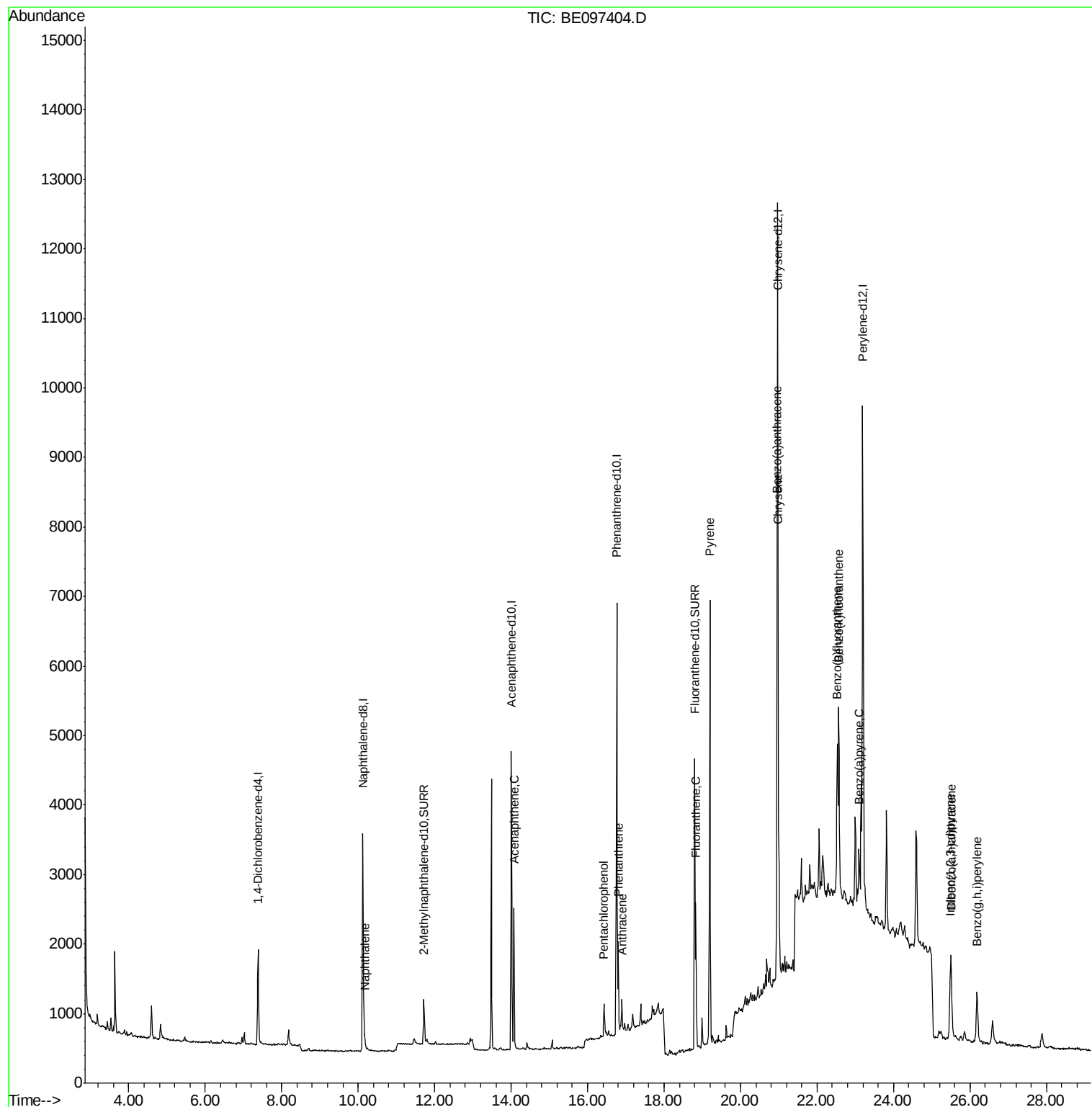
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.17	128	233	0.026	ng/ul#	55
8) Acenaphthene	14.07	153	1217	0.160	ng/ul	95
11) Pentachlorophenol	16.43	266	307	0.421	ng/ul	98
12) Phenanthrene	16.80	178	1402	0.074	ng/ul#	92
13) Anthracene	16.89	178	542	0.034	ng/ul#	81
15) Fluoranthene	18.83	202	2342	0.096	ng/ul	85
17) Pyrene	19.20	202	7208	0.280	ng/ul#	81
18) Benzo(a)anthracene	20.95	228	1550	0.063	ng/ul#	74
19) Chrysene	20.98	228	2899	0.102	ng/ul#	76
21) Benzo(b)fluoranthene	22.53	252	3244	0.126	ng/ul#	73
22) Benzo(k)fluoranthene	22.57	252	1493	0.052	ng/ul#	1
23) Benzo(a)pyrene	23.10	252	1195	0.050	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.48	276	1556	0.050	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.51	278	823	0.031	ng/ul#	1
26) Benzo(g,h,i)perylene	26.19	276	1606	0.061	ng/ul#	82

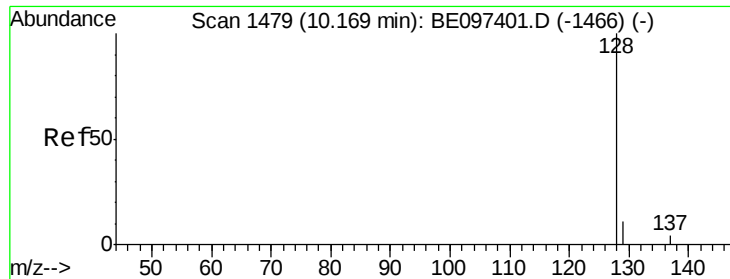
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE083118\
Data File : BE097404.D
Acq On : 31 Aug 2018 13:58
Operator : SJ/JU
Sample : J4596-08MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z29MSD

Quant Time: Aug 31 14:48:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 11:16:59 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE097404.D

Acq: 31 Aug 2018 13:58

Instrument :

BNA_E

ClientSampleId :

A3Z29MSD

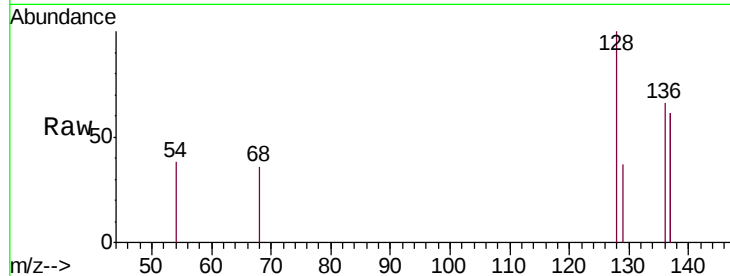
Tgt Ion:128 Resp: 233

Ion Ratio Lower Upper

128 100

129 37.0 11.3 16.9#

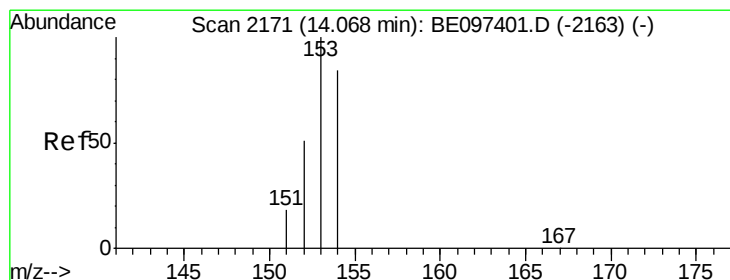
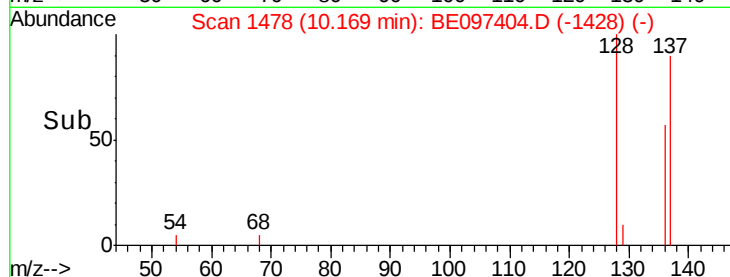
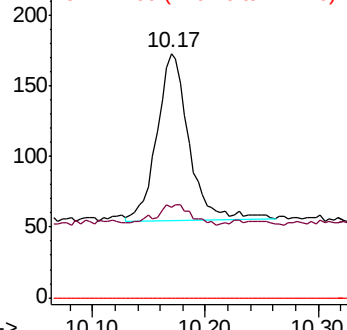
127 0.0 4.0 6.0#



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



#8

Acenaphthene

Concen: 0.160 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE097404.D

Acq: 31 Aug 2018 13:58

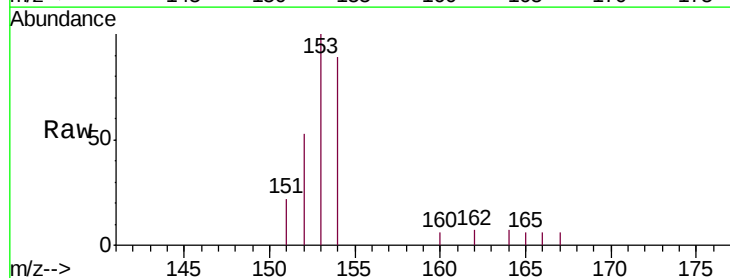
Tgt Ion:153 Resp: 1217

Ion Ratio Lower Upper

153 100

152 52.6 36.0 54.0

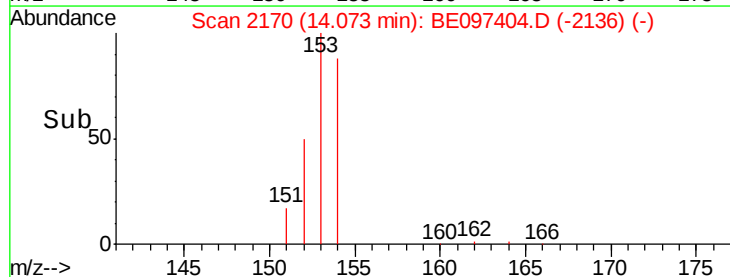
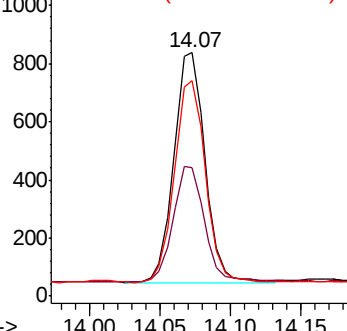
154 88.7 72.0 108.0

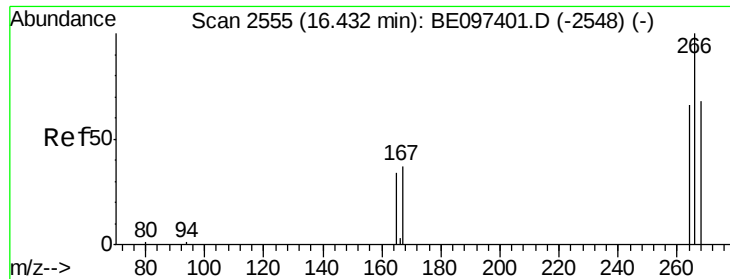


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

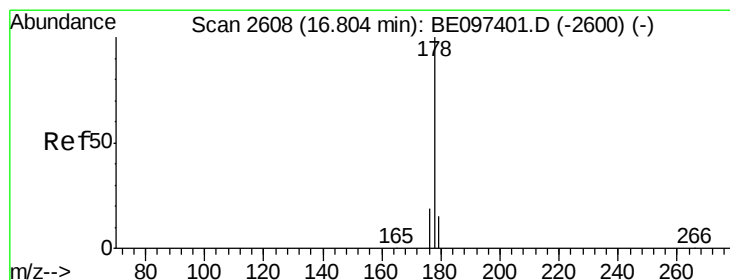
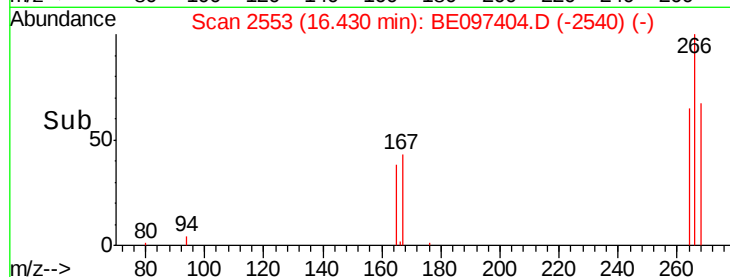
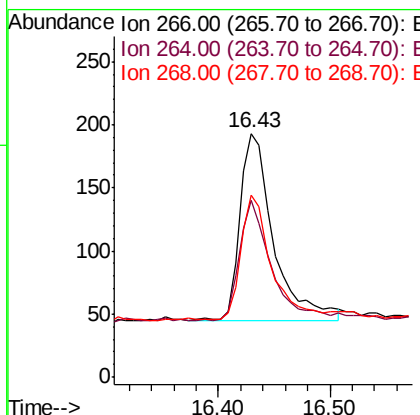
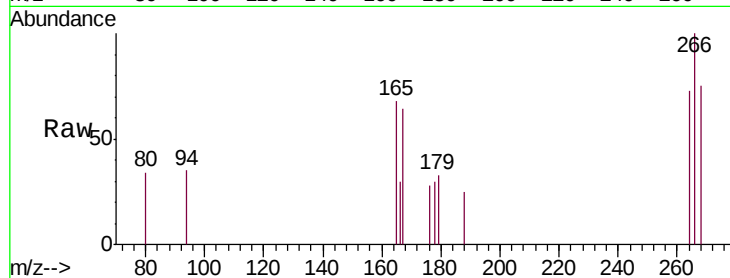




#11
 Pentachlorophenol
 Concen: 0.421 ng/ul
 RT: 16.43 min Scan# 2553
 Delta R.T. -0.01 min
 Lab File: BE097404.D
 Acq: 31 Aug 2018 13:58

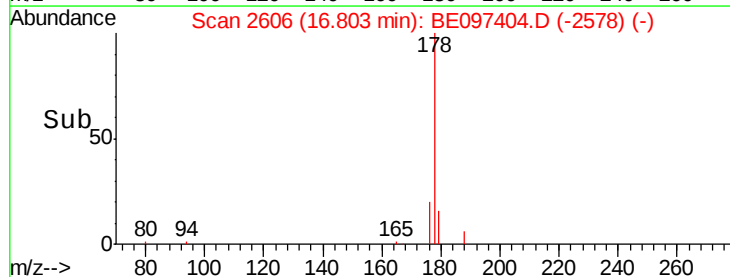
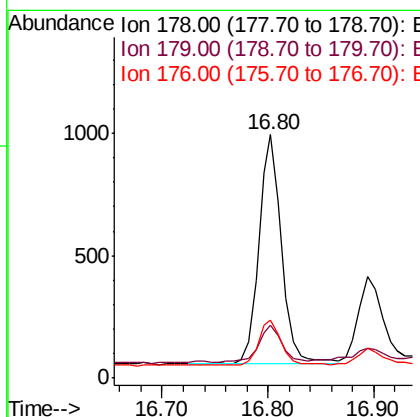
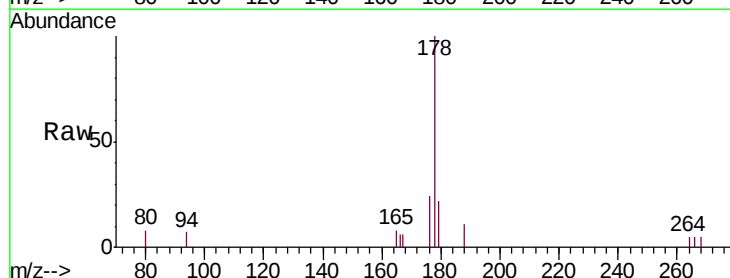
Instrument :
 BNA_E
 ClientSampleId :
 A3Z29MSD

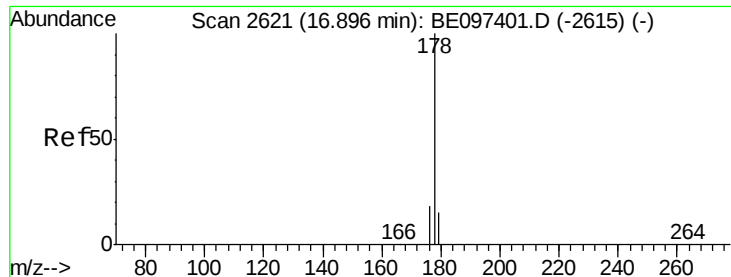
Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.9	47.9	71.9
268	60.6	49.8	74.8



#12
 Phenanthrene
 Concen: 0.074 ng/ul
 RT: 16.80 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BE097404.D
 Acq: 31 Aug 2018 13:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.7	18.4	27.6
176	23.9	13.6	20.4





#13

Anthracene

Concen: 0.034 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. -0.00 min

Lab File: BE097404.D

Acq: 31 Aug 2018 13:58

Instrument :

BNA_E

ClientSampleId :

A3Z29MSD

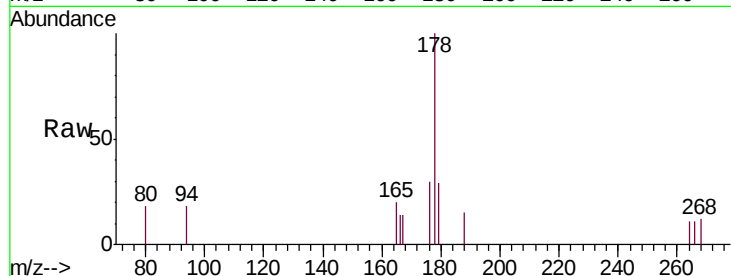
Tgt Ion:178 Resp: 542

Ion Ratio Lower Upper

178 100

179 29.4 18.1 27.1#

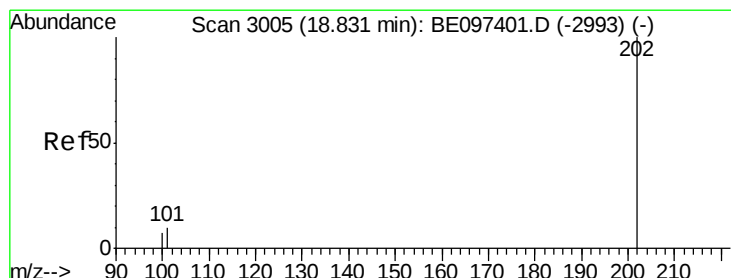
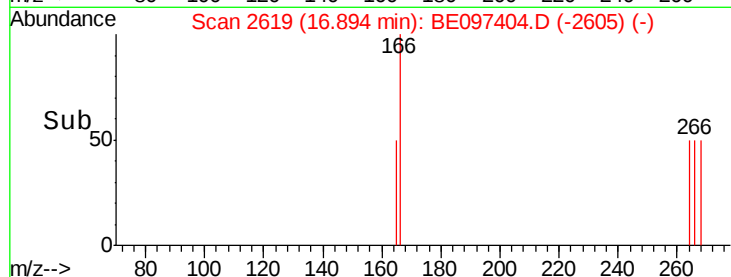
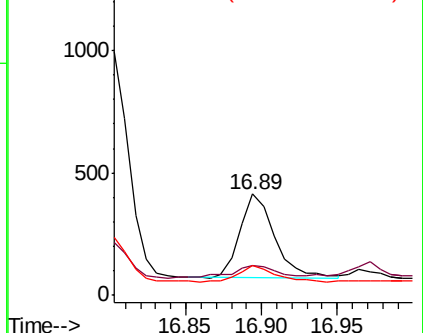
176 29.6 14.7 22.1#



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: 0.096 ng/ul

RT: 18.83 min Scan# 3004

Delta R.T. -0.00 min

Lab File: BE097404.D

Acq: 31 Aug 2018 13:58

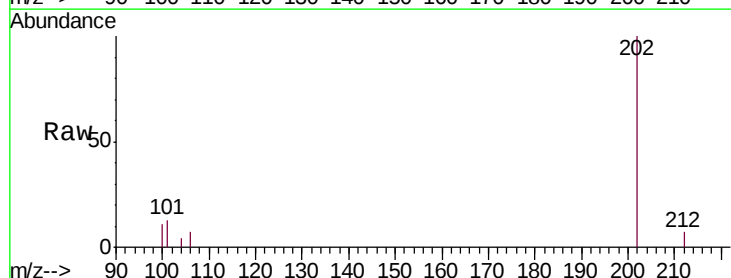
Tgt Ion:202 Resp: 2342

Ion Ratio Lower Upper

202 100

101 12.8 0.0 30.3

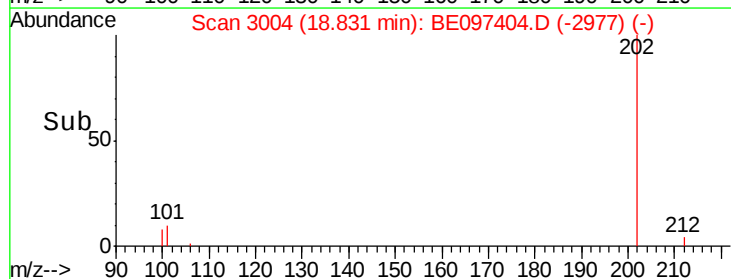
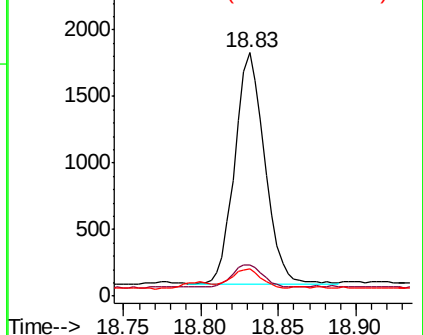
100 11.0 0.0 39.5

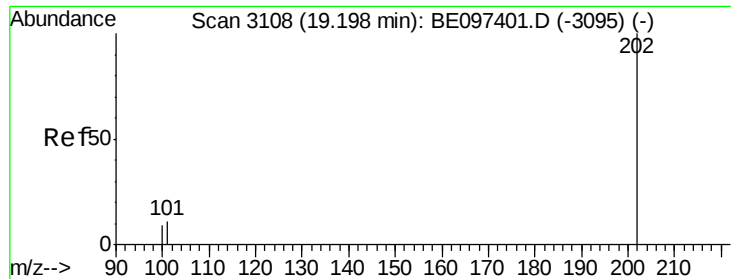


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

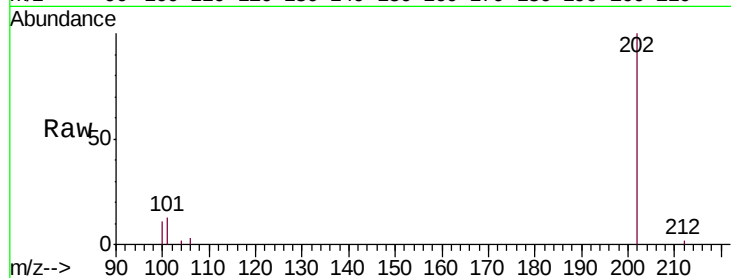




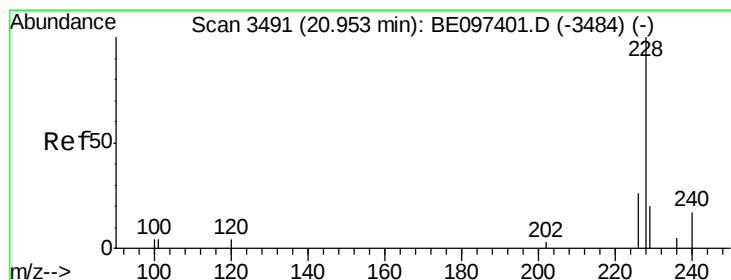
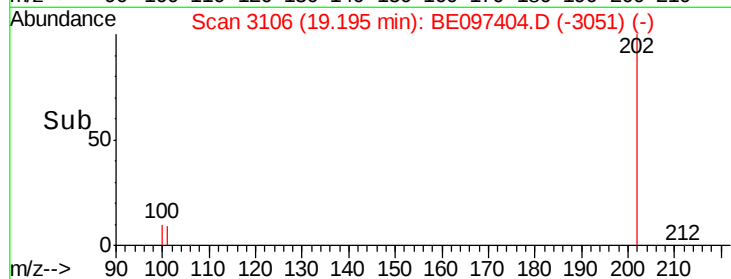
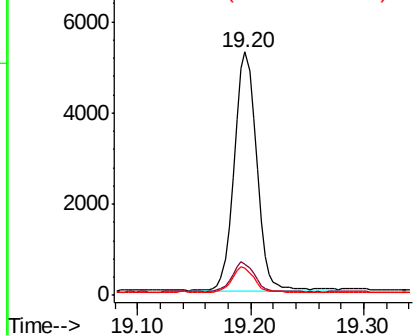
#17
Pyrene
Concen: 0.280 ng/ul
RT: 19.20 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097404.D
Acq: 31 Aug 2018 13:58

Instrument :
BNA_E
ClientSampleId :
A3Z29MSD

Tgt Ion:202 Resp: 7208
Ion Ratio Lower Upper
202 100
101 13.0 18.2 27.4#
100 11.2 15.6 23.4#

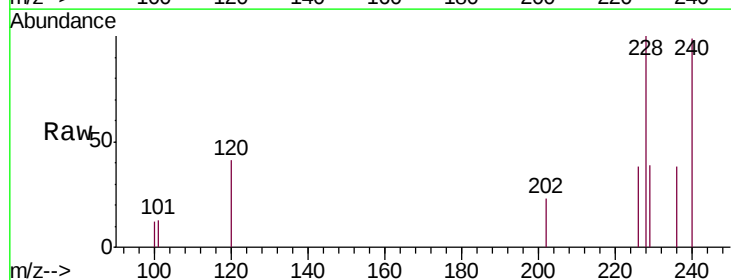


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE

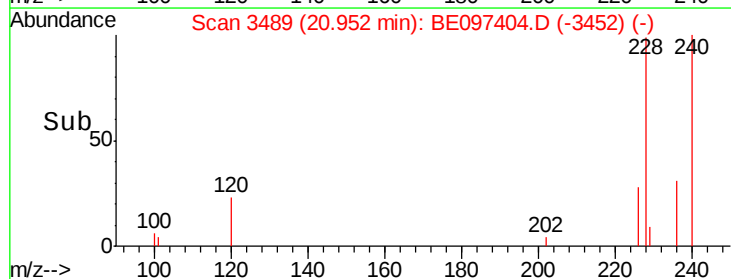
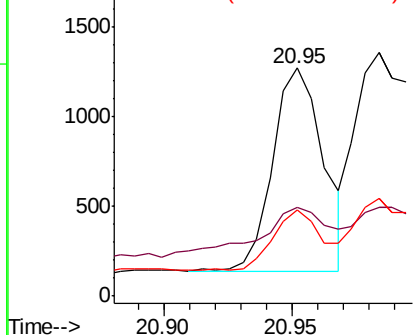


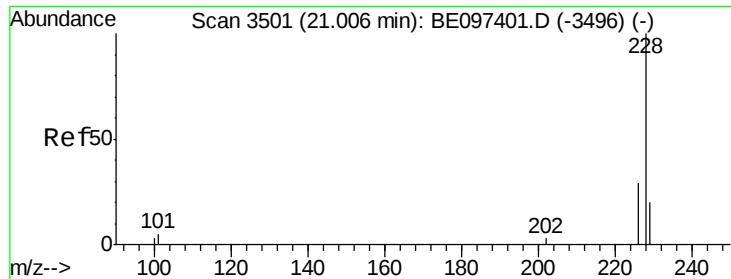
#18
Benzo(a)anthracene
Concen: 0.063 ng/ul
RT: 20.95 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BE097404.D
Acq: 31 Aug 2018 13:58

Tgt Ion:228 Resp: 1550
Ion Ratio Lower Upper
228 100
229 38.8 22.8 34.2#
226 37.6 17.0 25.6#



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: 0.102 ng/ul

RT: 20.98 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BE097404.D

Acq: 31 Aug 2018 13:58

Instrument :

BNA_E

ClientSampleId :

A3Z29MSD

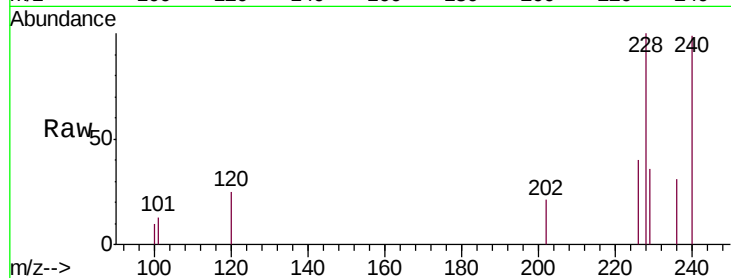
Tgt Ion:228 Resp: 2899

Ion Ratio Lower Upper

228 100

226 40.0 23.4 35.0#

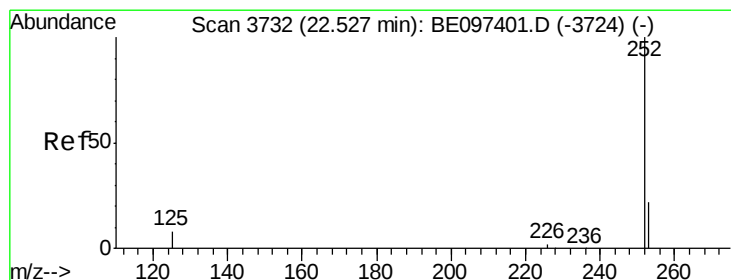
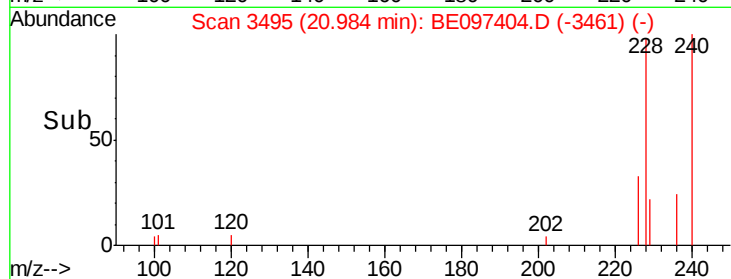
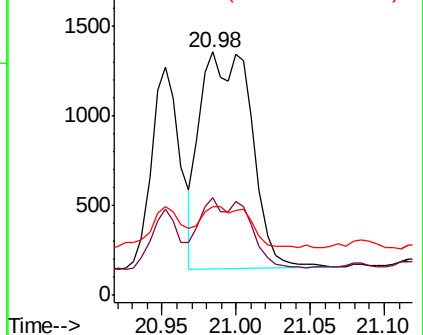
229 36.5 17.7 26.5#



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: 0.126 ng/ul

RT: 22.53 min Scan# 3730

Delta R.T. -0.00 min

Lab File: BE097404.D

Acq: 31 Aug 2018 13:58

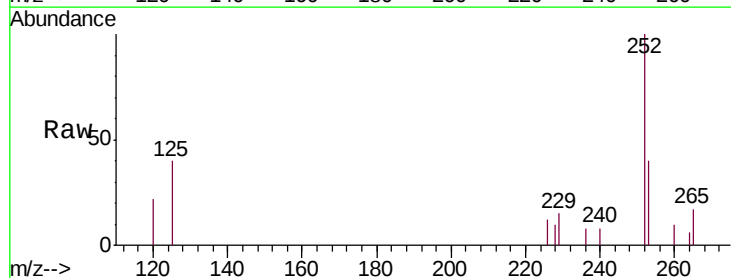
Tgt Ion:252 Resp: 3244

Ion Ratio Lower Upper

252 100

253 39.8 0.0 64.2

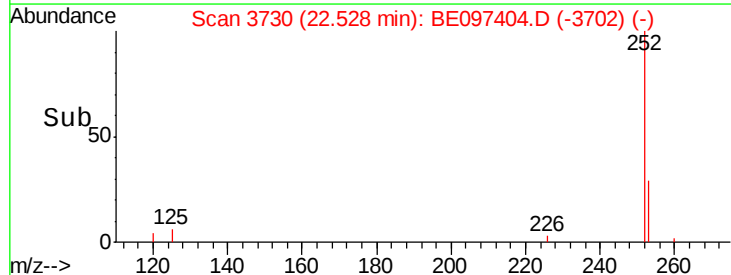
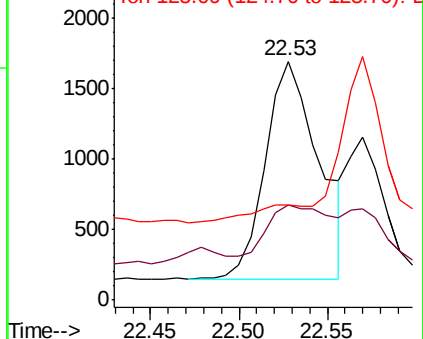
125 39.5 0.0 35.0#

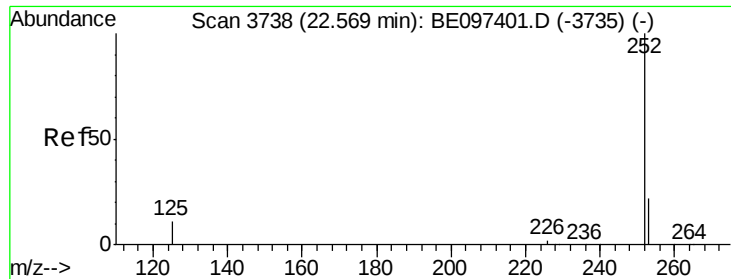


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.052 ng/ul

RT: 22.57 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BE097404.D

Acq: 31 Aug 2018 13:58

Instrument :

BNA_E

ClientSampleId :

A3Z29MSD

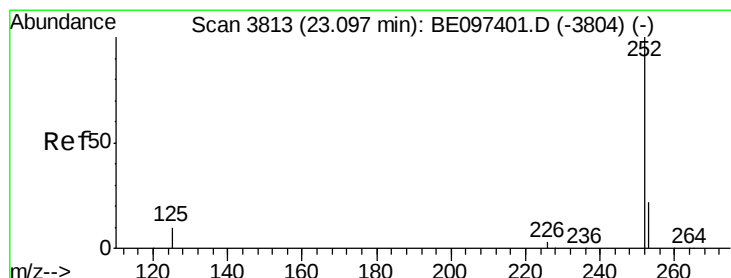
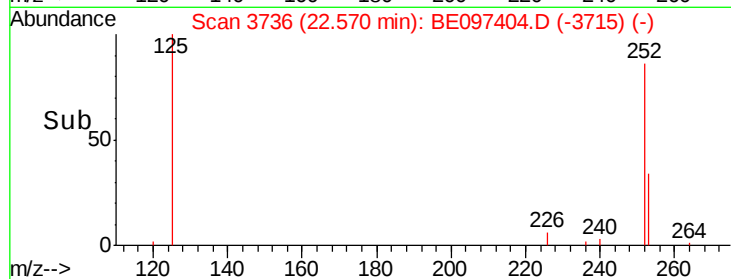
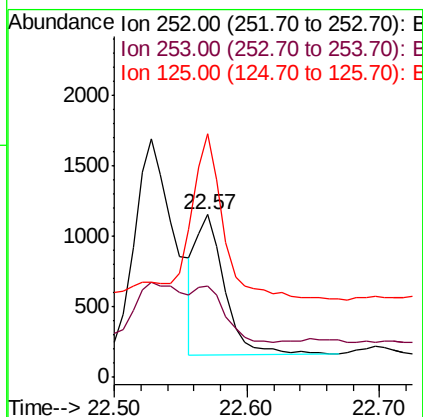
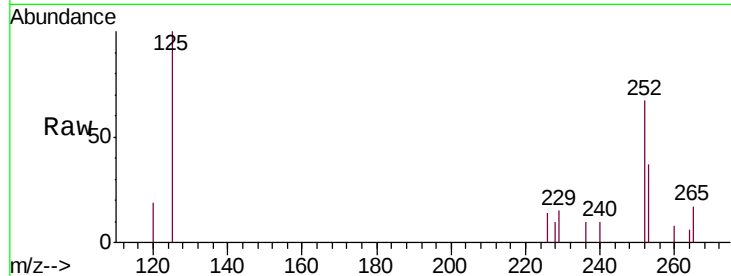
Tgt Ion:252 Resp: 1493

Ion Ratio Lower Upper

252 100

253 56.0 24.5 36.7#

125 149.7 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.050 ng/ul

RT: 23.10 min Scan# 3811

Delta R.T. -0.01 min

Lab File: BE097404.D

Acq: 31 Aug 2018 13:58

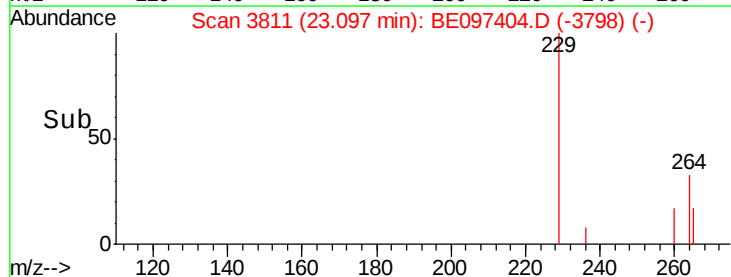
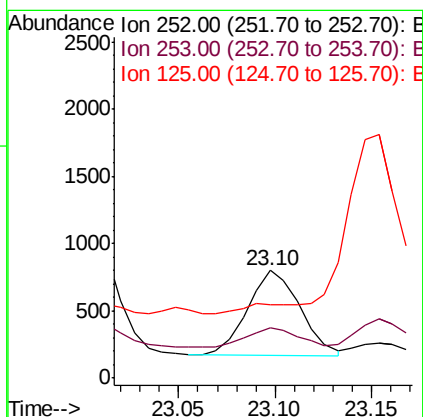
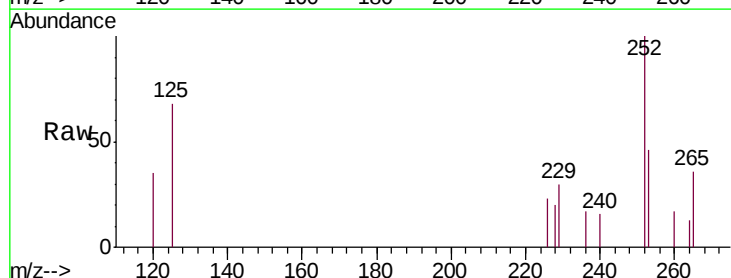
Tgt Ion:252 Resp: 1195

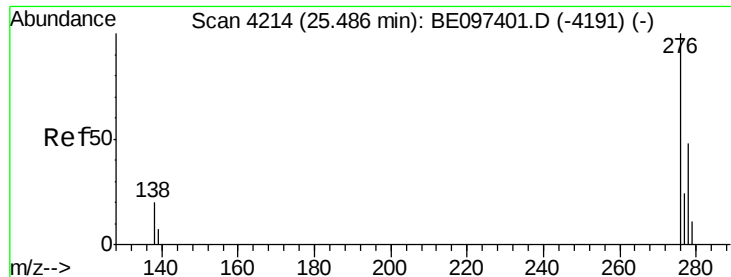
Ion Ratio Lower Upper

252 100

253 46.5 28.5 42.7#

125 68.2 18.1 27.1#



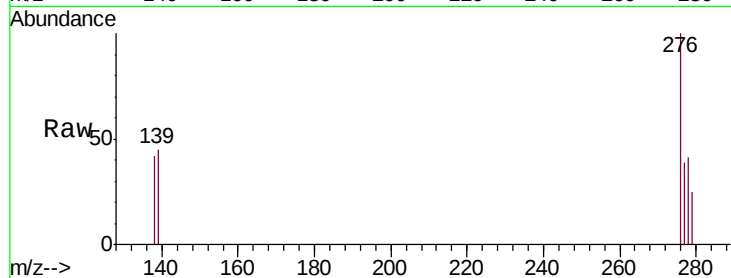


#24

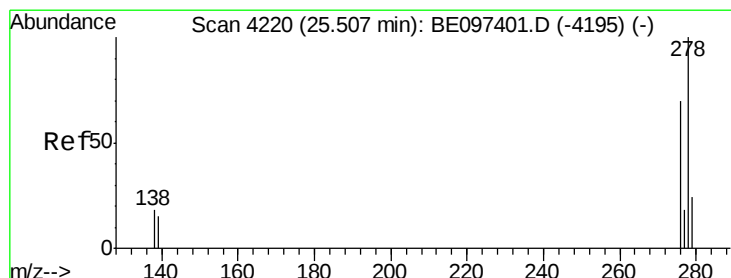
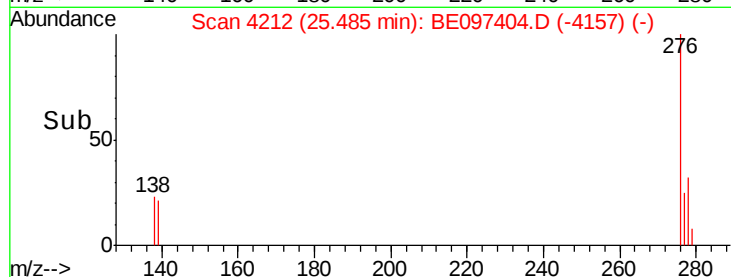
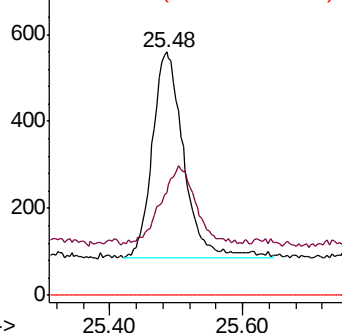
Indeno(1,2,3-cd)pyrene
 Concen: 0.050 ng/ul
 RT: 25.48 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: BE097404.D
 Acq: 31 Aug 2018 13:58

Instrument :
 BNA_E
 ClientSampleId :
 A3Z29MSD

Tgt Ion: 276 Resp: 1556
 Ion Ratio Lower Upper
 276 100
 138 41.1 28.0 42.0
 227 0.0 8.0 12.0#



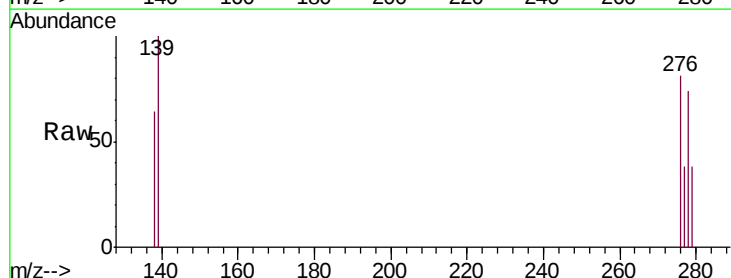
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E



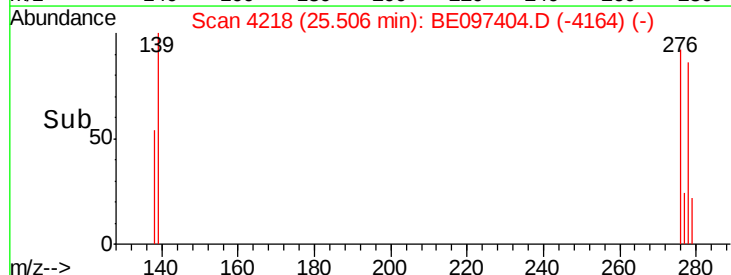
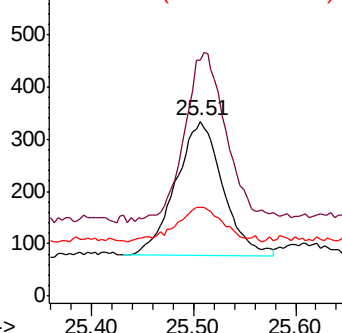
#25

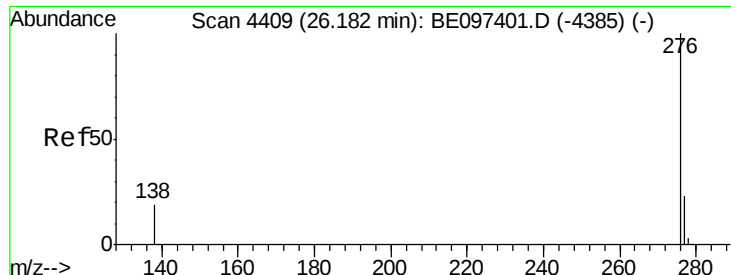
Dibenzo(a,h)anthracene
 Concen: 0.031 ng/ul
 RT: 25.51 min Scan# 4218
 Delta R.T. -0.01 min
 Lab File: BE097404.D
 Acq: 31 Aug 2018 13:58

Tgt Ion: 278 Resp: 823
 Ion Ratio Lower Upper
 278 100
 139 135.3 17.4 26.0#
 279 50.9 25.9 38.9#



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(g,h,i)perylene

Concen: 0.061 ng/ul

RT: 26.19 min Scan# 4409

Delta R.T. -0.01 min

Lab File: BE097404.D

Acq: 31 Aug 2018 13:58

Instrument :

BNA_E

ClientSampleId :

A3Z29MSD

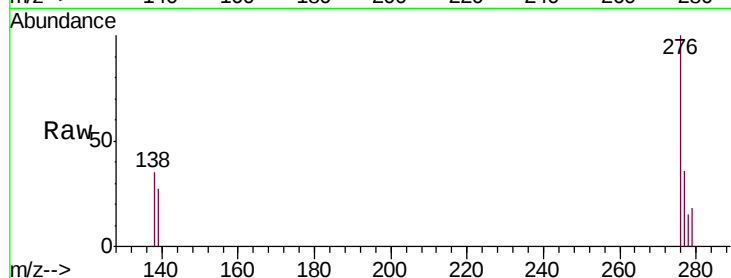
Tgt Ion: 276 Resp: 1606

Ion Ratio Lower Upper

276 100

138 35.0 21.8 32.8#

277 36.4 20.5 30.7#



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

