

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097188.D
 Acq On : 3 Aug 2018 20:32
 Operator : SJ/JU
 Sample : J4171-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 03 23:40:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 03 23:39:09 2018
 Response via : Initial Calibration

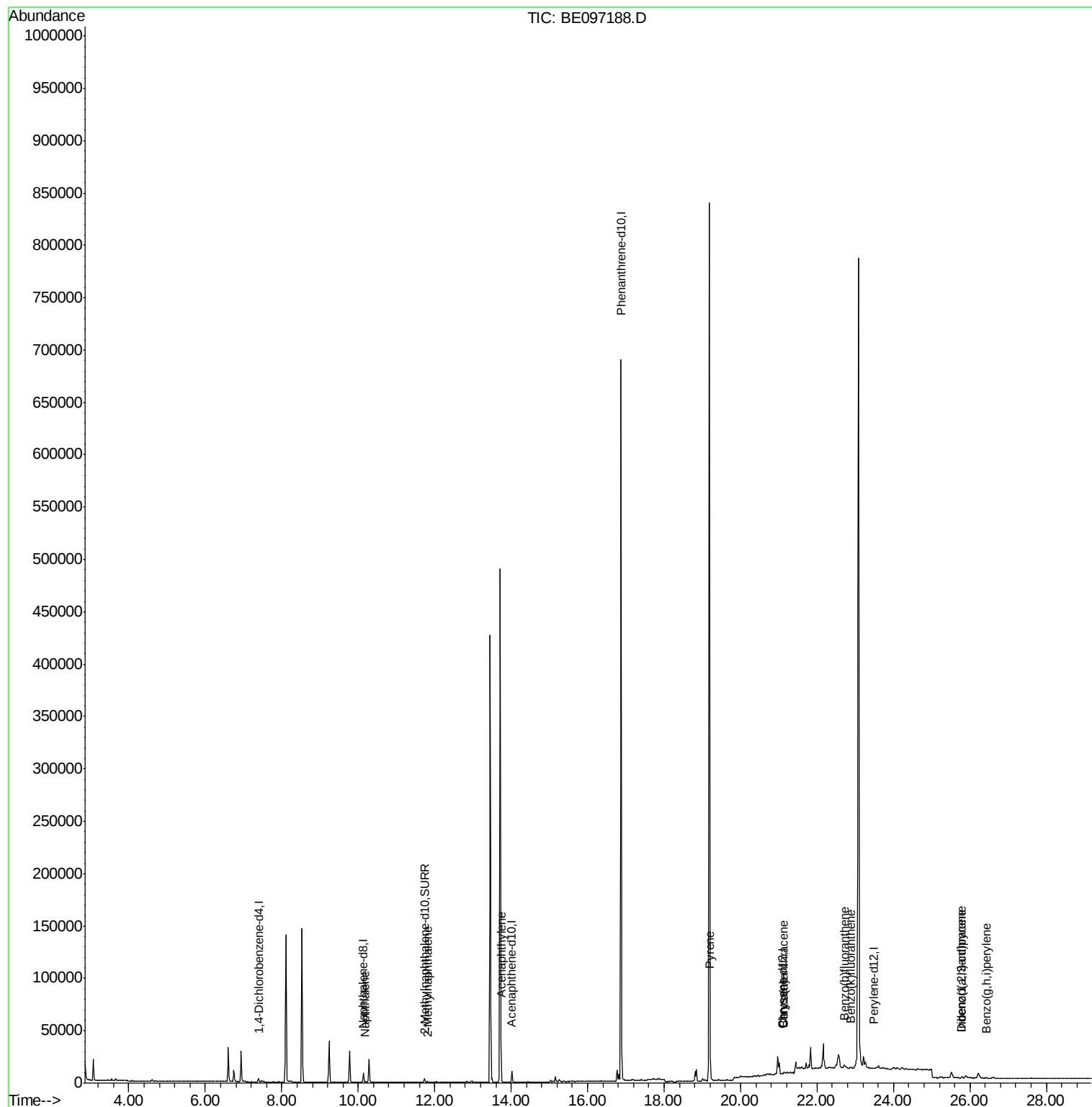
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1684	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	8823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5784	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	772922	0.40	ng/ul	0.10
16) Chrysene-d12	21.10	240	23	0.40	ng/ul	0.12
20) Perylene-d12	23.48	264	153	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4276	0.30	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.18	128	1253	0.059	ng/ul#	89
5) 2-Methylnaphthalene	11.81	142	626	0.044	ng/ul	96
7) Acenaphthylene	13.74	152	1447	0.058	ng/ul#	81
17) Pyrene	19.21	202	17242	279.768	ng/ul#	84
18) Benzo(a)anthracene	21.13	228	1084	16.493	ng/ul#	1
19) Chrysene	21.13	228	1084	16.006	ng/ul#	1
21) Benzo(b)fluoranthene	22.72	252	3157	7.571	ng/ul#	1
22) Benzo(k)fluoranthene	22.89	252	1313	2.920	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.78	276	489	0.936	ng/ul#	29
25) Dibenzo(a,h)anthracene	25.79	278	1609	3.765	ng/ul#	1
26) Benzo(g,h,i)perylene	26.44	276	145	0.321	ng/ul#	1

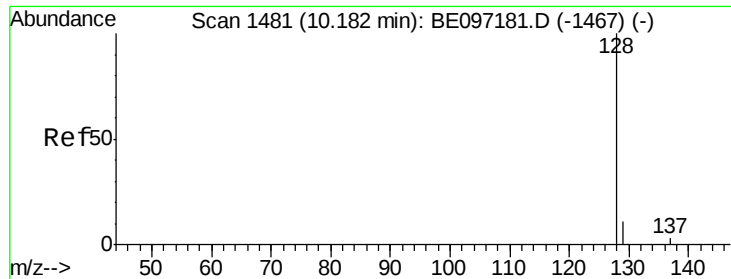
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.059 ng/ul

RT: 10.18 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE097188.D

Acq: 3 Aug 2018 20:32

Instrument :

BNA_E

ClientSampleId :

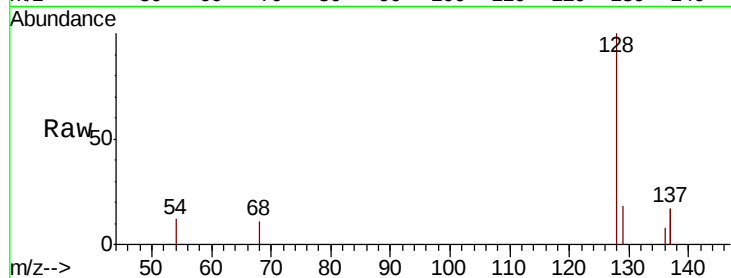
Tot Ion:128 Resp: 1253

Ion Ratio Lower Upper

128 100

129 18.2 11.3 16.9#

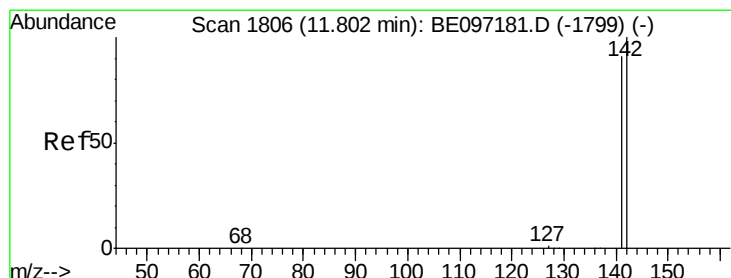
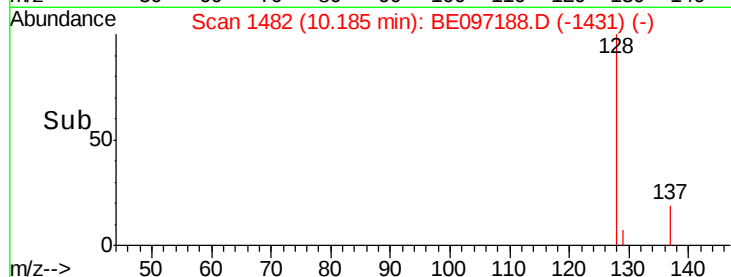
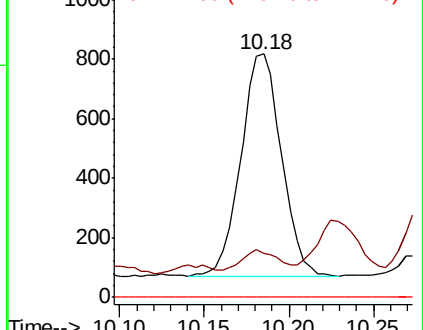
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.044 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BE097188.D

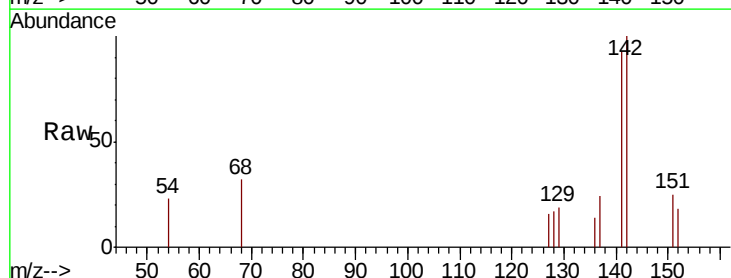
Acq: 3 Aug 2018 20:32

Tgt Ion:142 Resp: 626

Ion Ratio Lower Upper

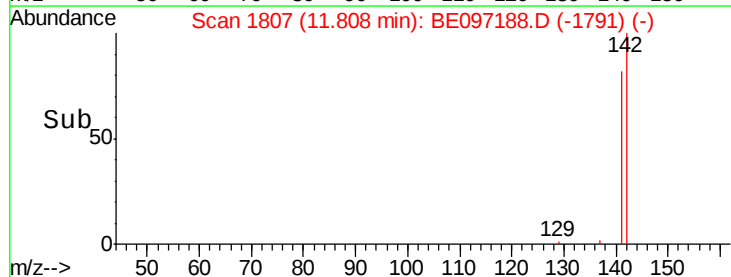
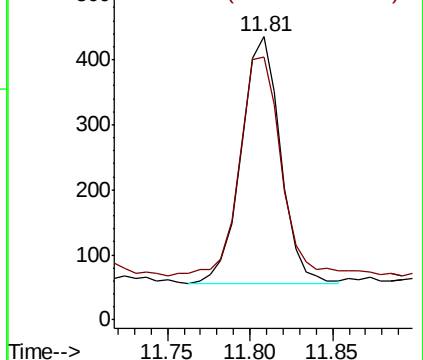
142 100

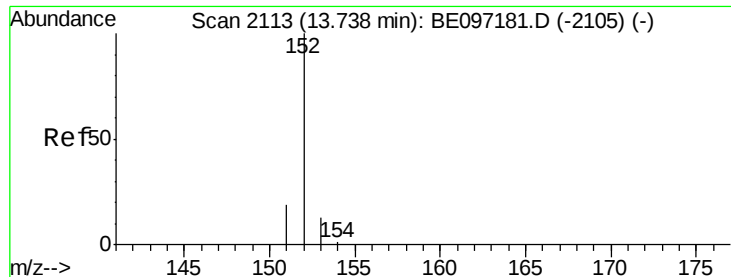
141 94.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.058 ng/ul

RT: 13.74 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097188.D

Acq: 3 Aug 2018 20:32

Instrument :

BNA_E

ClientSampleId :

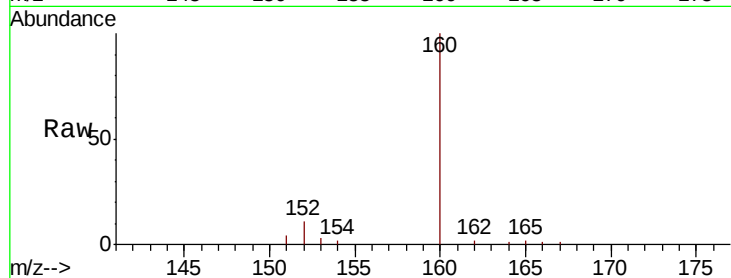
Tot Ion:152 Resp: 1447

Ion Ratio Lower Upper

152 100

151 31.8 17.1 25.7#

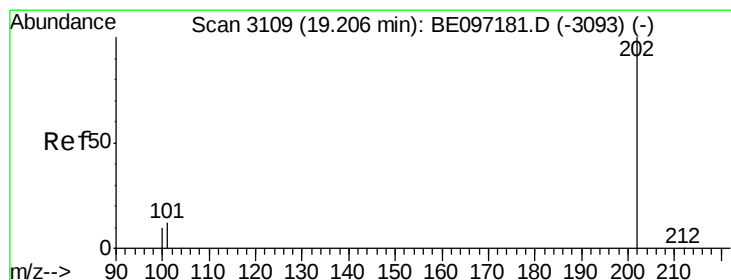
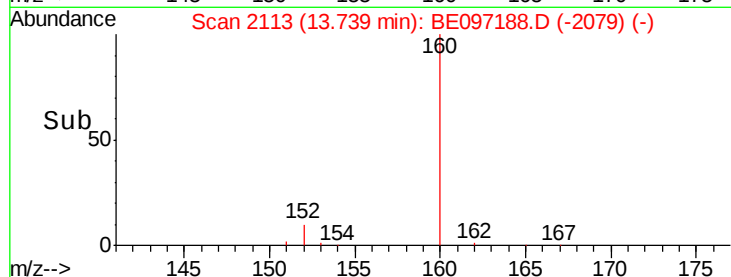
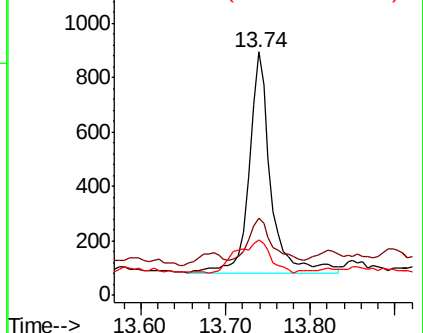
153 22.5 12.8 19.2#



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



#17

Pyrene

Concen: 279.768 ng/ul

RT: 19.21 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BE097188.D

Acq: 3 Aug 2018 20:32

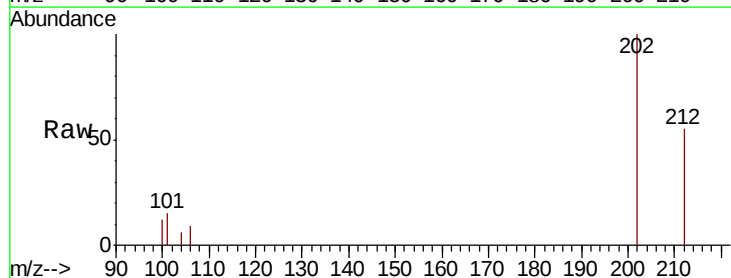
Tgt Ion:202 Resp: 17242

Ion Ratio Lower Upper

202 100

101 15.5 18.2 27.4#

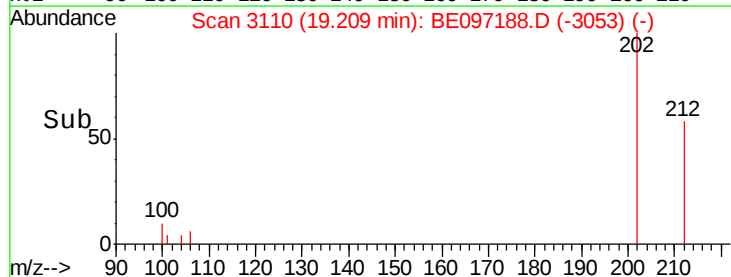
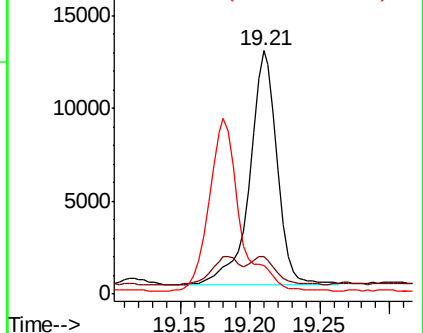
100 11.8 15.6 23.4#

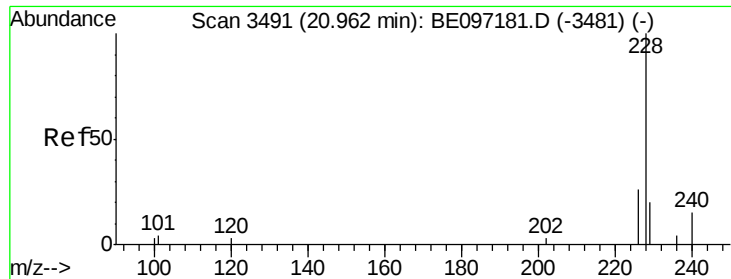


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

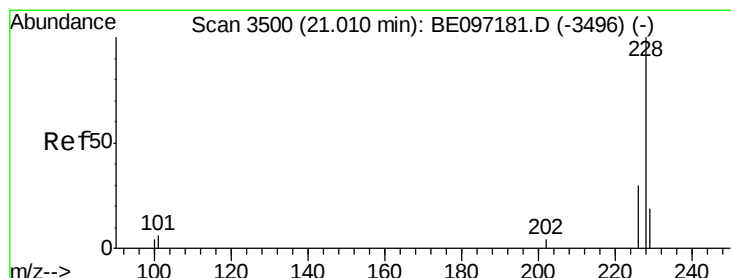
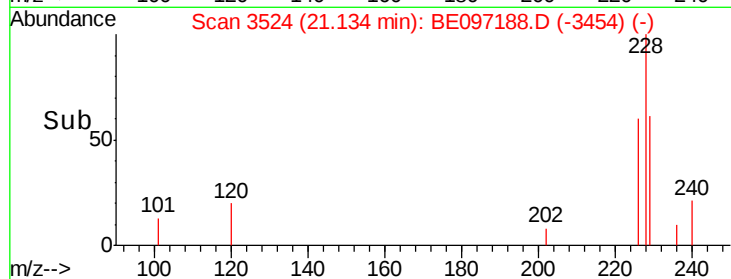
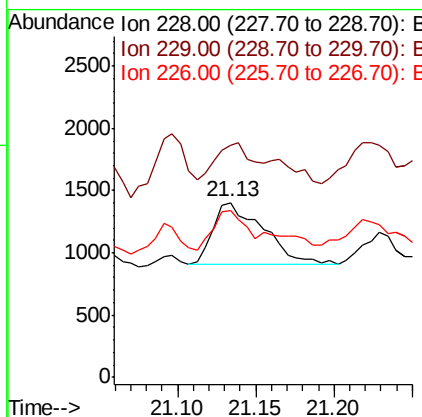
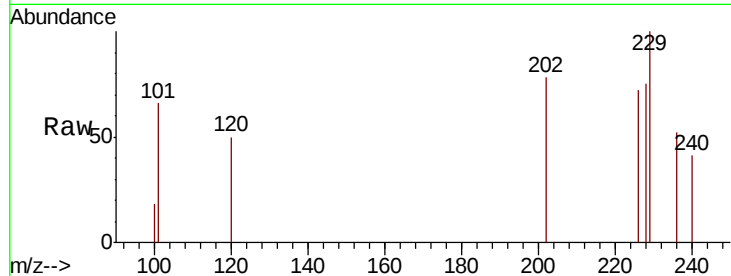




#18
Benzo(a)anthracene
Concen: 16.493 ng/ul
RT: 21.13 min Scan# 3524
Delta R.T. 0.17 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

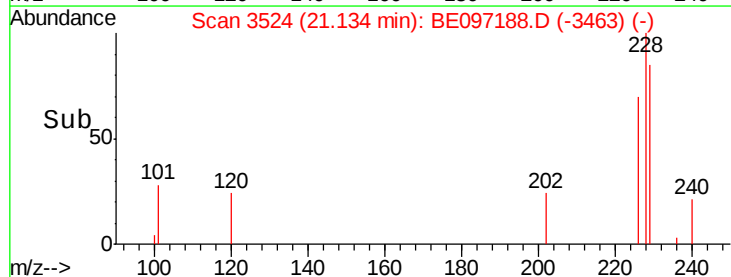
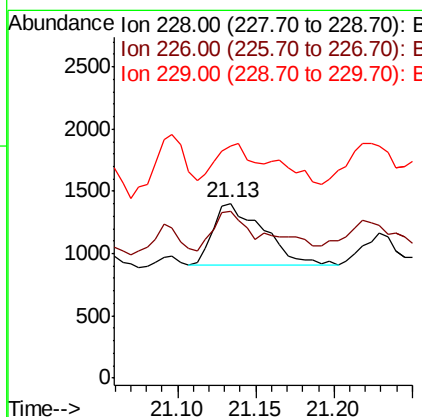
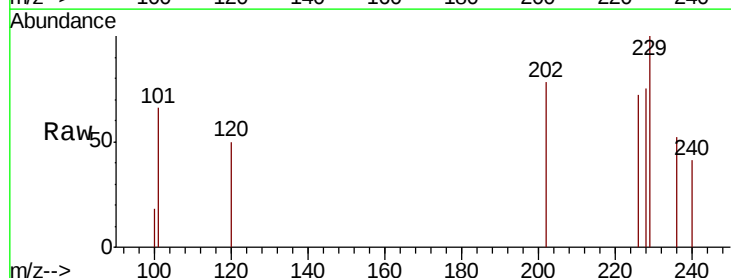
Instrument :
BNA_E
ClientSampleId :

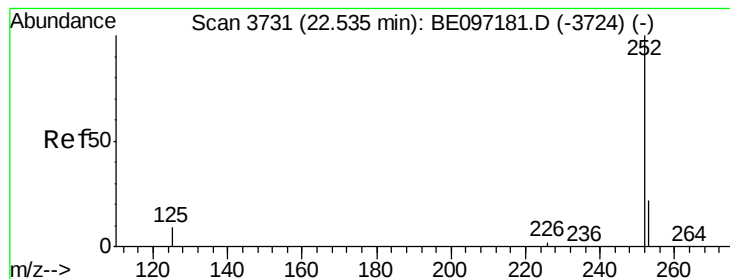
Tot Ion:228 Resp: 1084
Ion Ratio Lower Upper
228 100
229 133.1 22.8 34.2#
226 95.4 17.0 25.6#



#19
Chrysene
Concen: 16.006 ng/ul
RT: 21.13 min Scan# 3524
Delta R.T. 0.12 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:228 Resp: 1084
Ion Ratio Lower Upper
228 100
226 95.4 23.4 35.0#
229 133.1 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 7.571 ng/ul

RT: 22.72 min Scan# 3758

Delta R.T. 0.18 min

Lab File: BE097188.D

Acq: 3 Aug 2018 20:32

Instrument :

BNA_E

ClientSampleId :

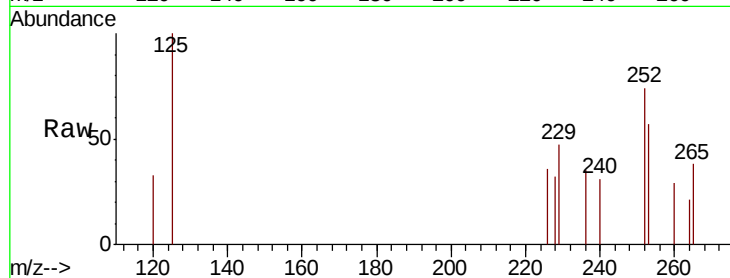
Tot Ion:252 Resp: 3157

Ion Ratio Lower Upper

252 100

253 76.1 0.0 64.2#

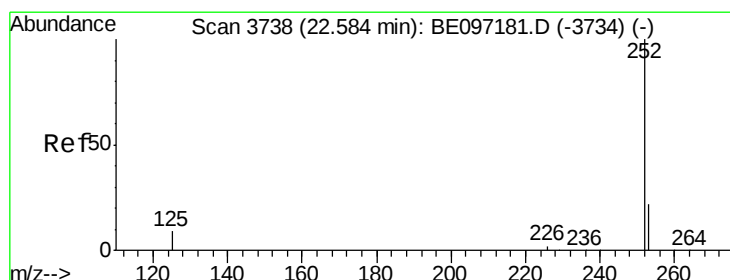
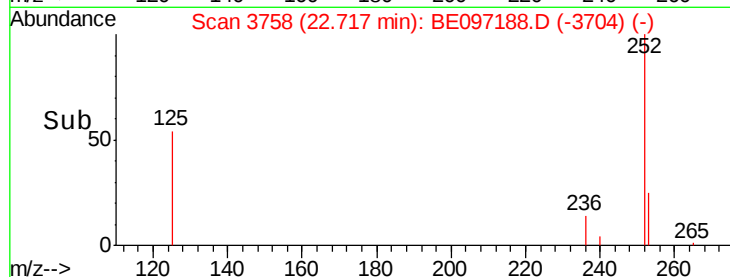
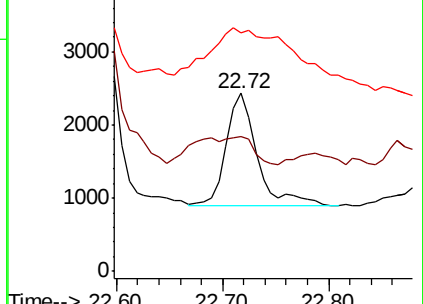
125 134.5 0.0 35.0#



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: 2.920 ng/ul

RT: 22.89 min Scan# 3783

Delta R.T. 0.31 min

Lab File: BE097188.D

Acq: 3 Aug 2018 20:32

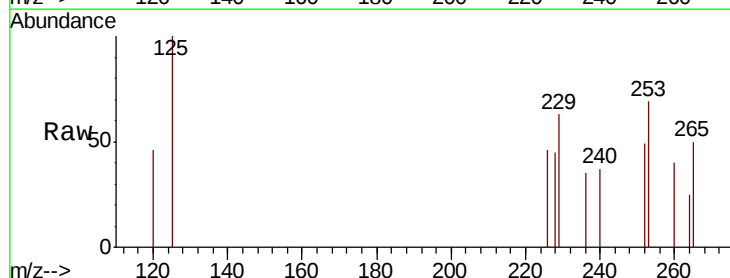
Tgt Ion:252 Resp: 1313

Ion Ratio Lower Upper

252 100

253 141.2 24.5 36.7#

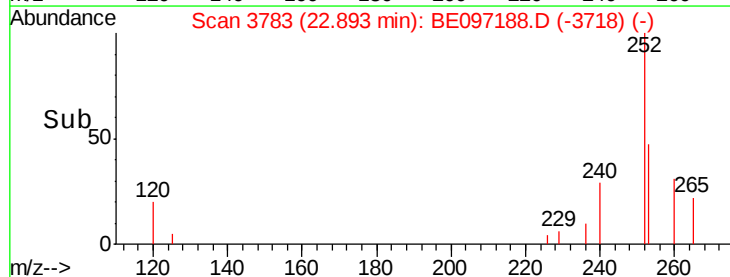
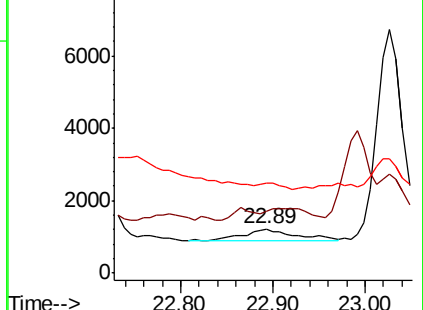
125 204.4 13.7 20.5#

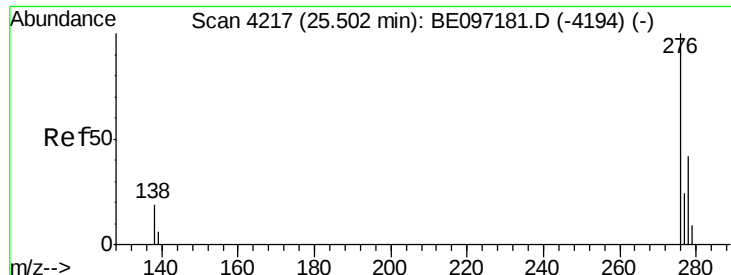


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



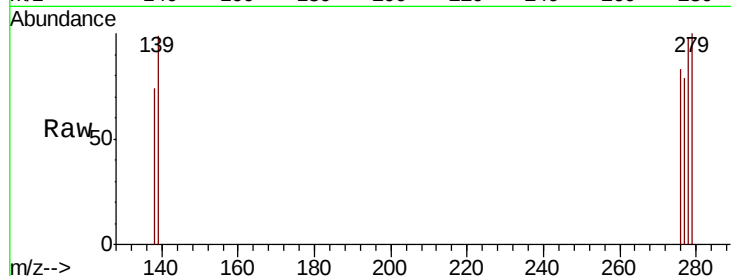


#24

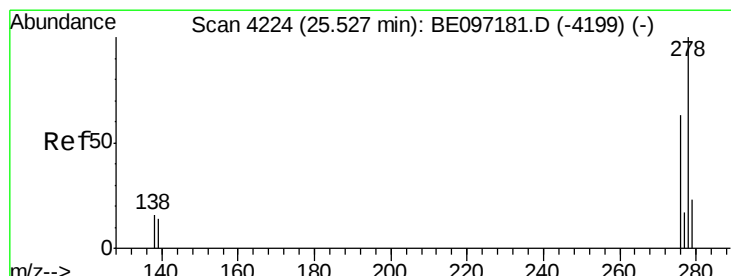
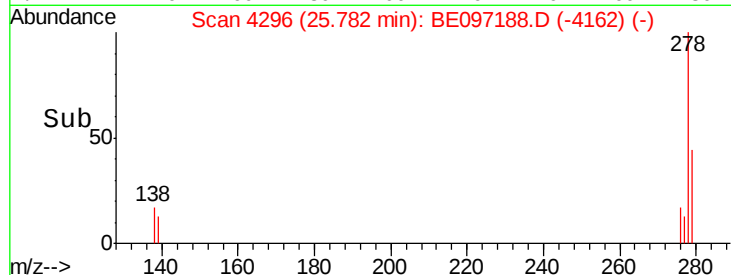
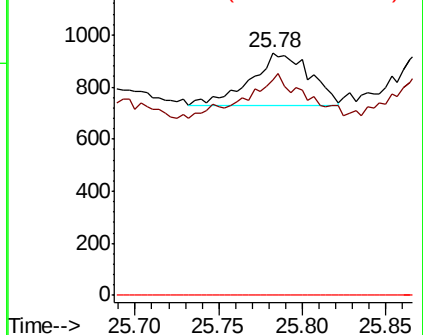
Indeno(1,2,3-cd)pyrene
Concen: 0.936 ng/ul
RT: 25.78 min Scan# 4296
Delta R.T. 0.28 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 489
Ion Ratio Lower Upper
276 100
138 83.2 28.0 42.0#
227 0.0 8.0 12.0#



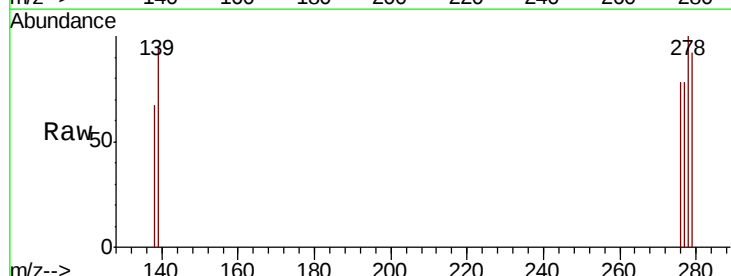
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



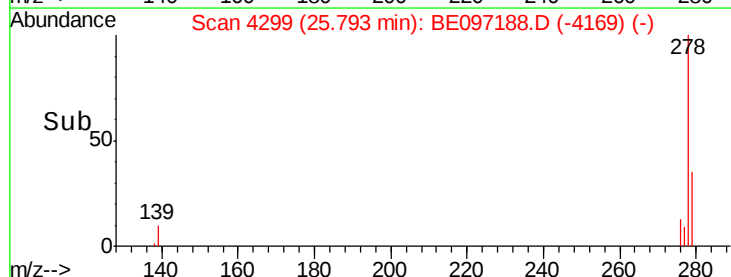
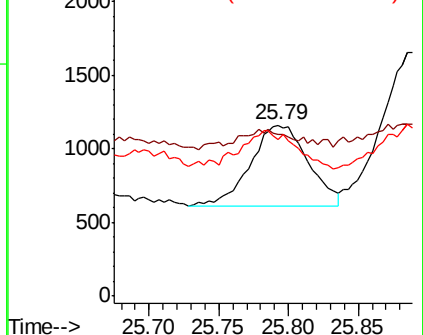
#25

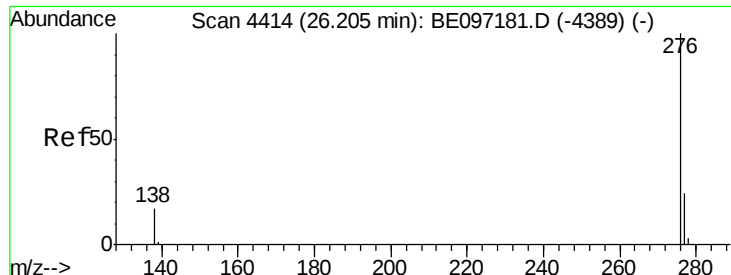
Dibenzo(a,h)anthracene
Concen: 3.765 ng/ul
RT: 25.79 min Scan# 4299
Delta R.T. 0.27 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:278 Resp: 1609
Ion Ratio Lower Upper
278 100
139 94.7 17.4 26.0#
279 91.6 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(a,h,i)perylene

Concen: 0.321 ng/ul

RT: 26.44 min Scan# 4481

Delta R.T. 0.24 min

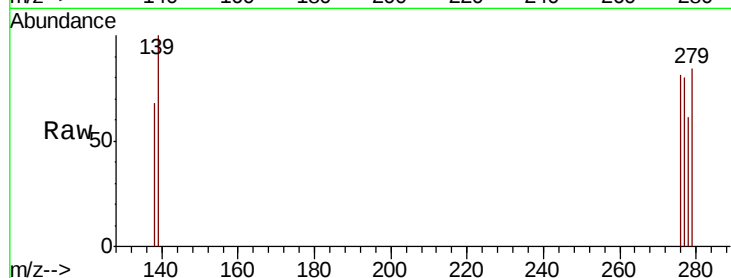
Lab File: BE097188.D

Acq: 3 Aug 2018 20:32

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 145

Ion Ratio Lower Upper

276 100

138 84.2 21.8 32.8#

277 99.8 20.5 30.7#

