

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 06 03:51:55 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 : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration

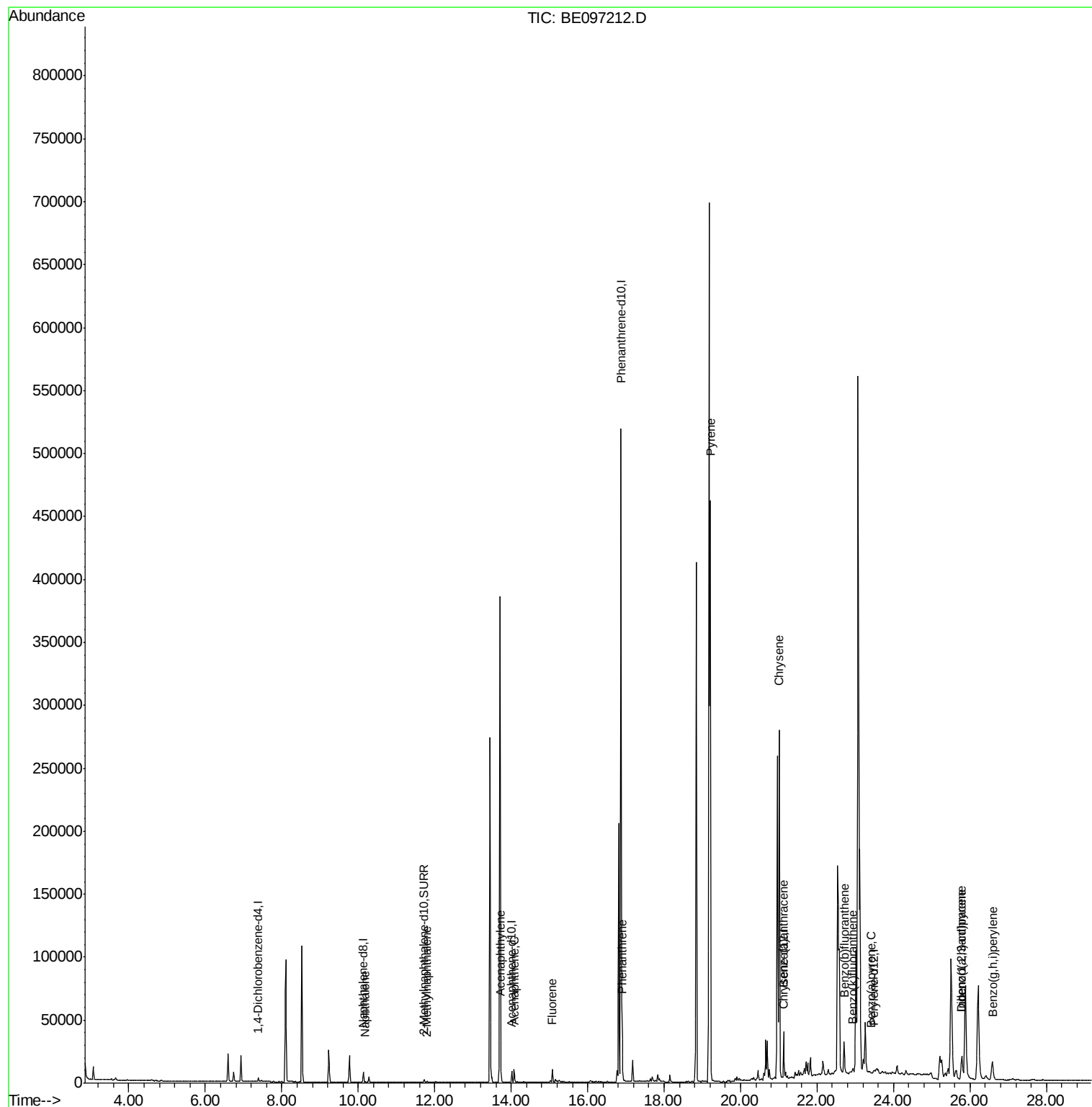
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1513	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	8150	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4987	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	595360	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	149	0.40	ng/ul	0.14
20) Perylene-d12	23.48	264	960	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3059	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	75	0.00	ng/ul	0.10
Target Compounds						
					Ovalue	
3) Naphthalene	10.18	128	1114	0.056	ng/ul#	90
5) 2-Methylnaphthalene	11.80	142	501	0.038	ng/ul	96
7) Acenaphthylene	13.73	152	1316	0.061	ng/ul#	87
8) Acenaphthene	14.08	153	5506	0.353	ng/ul	95
9) Fluorene	15.08	166	6012	0.335	ng/ul	95
12) Phenanthrene	16.90	178	30781	0.020	ng/ul#	90
17) Pyrene	19.21	202	482284	1207.964	ng/ul#	79
18) Benzo(a)anthracene	21.13	228	25106	58.966	ng/ul#	51
19) Chrysene	21.01	228	229102	522.179	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	32341	12.360	ng/ul	91
22) Benzo(k)fluoranthene	22.94	252	4452	1.578	ng/ul#	1
23) Benzo(a)pyrene	23.41	252	430	0.164	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.79	276	7842	2.393	ng/ul#	83
25) Dibenzo(a,h)anthracene	25.79	278	29712	11.081	ng/ul#	91
26) Benzo(g,h,i)perylene	26.59	276	33673	11.891	ng/ul	93

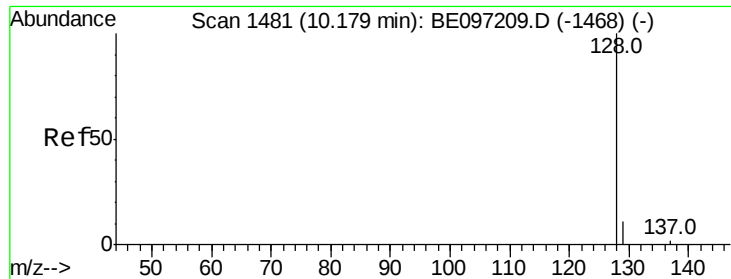
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.056 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097212.D

Acq: 4 Aug 2018 22:21

Instrument :

BNA_E

ClientSampleId :

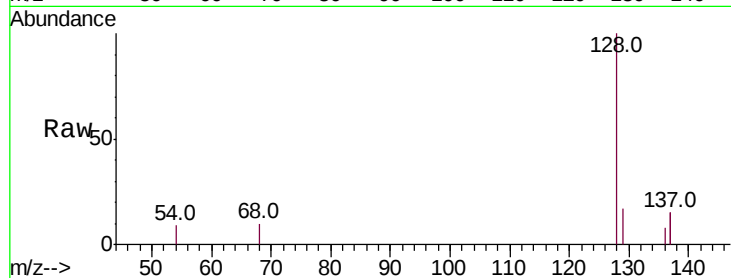
Tot Ion:128 Resp: 1114

Ion Ratio Lower Upper

128 100

129 17.4 11.3 16.9#

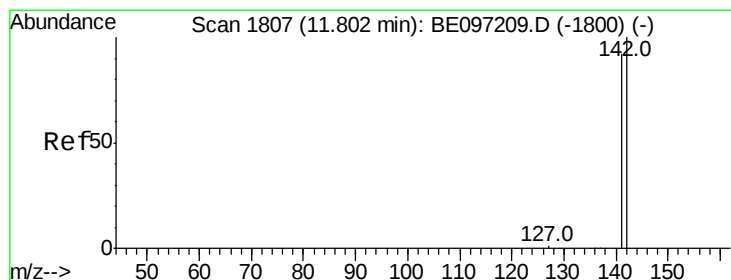
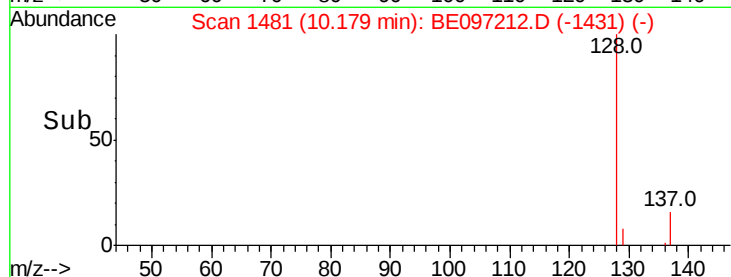
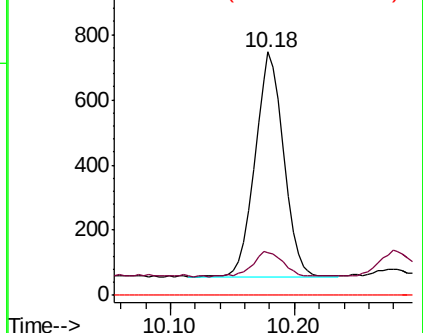
127 0.0 4.0 6.0#



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: 0.038 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE097212.D

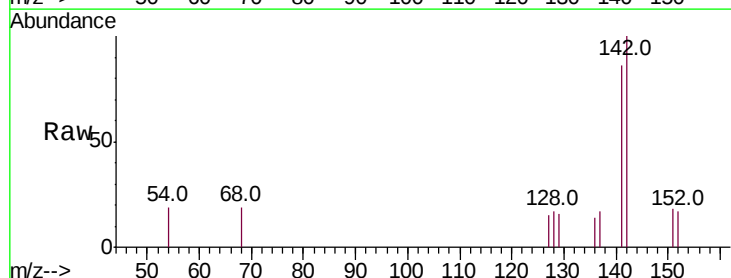
Acq: 4 Aug 2018 22:21

Tgt Ion:142 Resp: 501

Ion Ratio Lower Upper

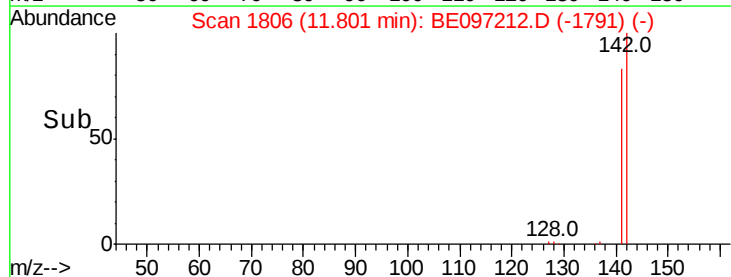
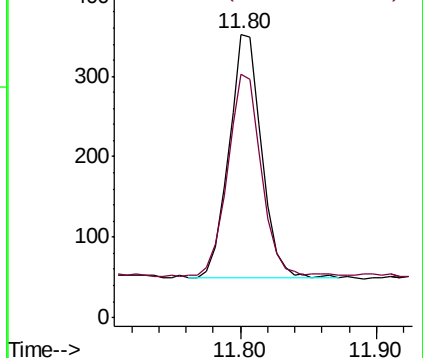
142 100

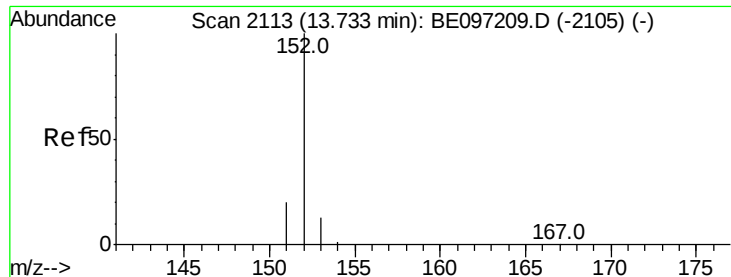
141 87.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.061 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097212.D

Acq: 4 Aug 2018 22:21

Instrument :

BNA_E

ClientSampleId :

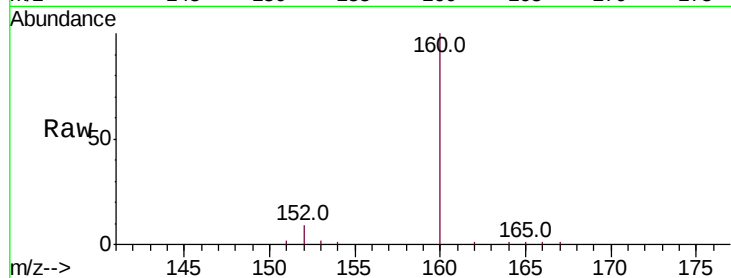
Tot Ion:152 Resp: 1316

Ion Ratio Lower Upper

152 100

151 27.2 17.1 25.7#

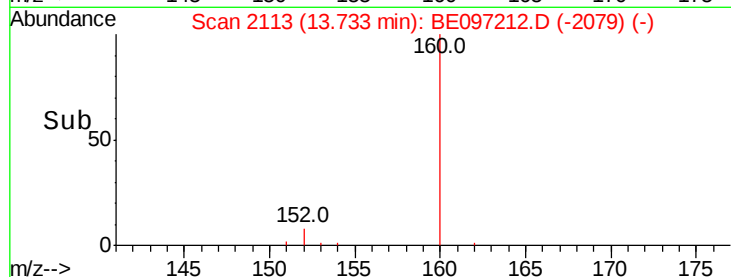
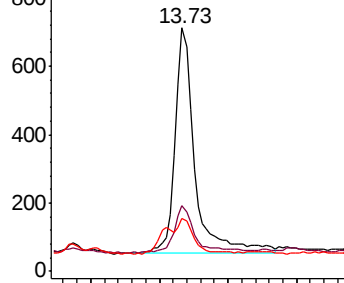
153 21.8 12.8 19.2#



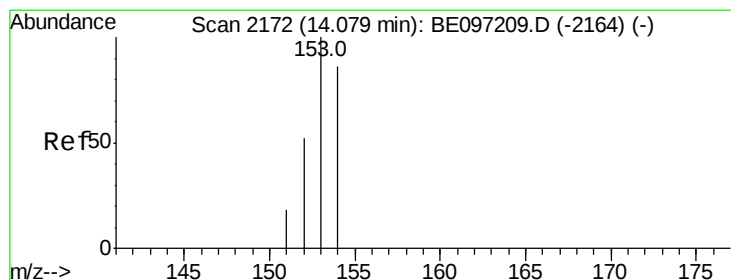
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.353 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097212.D

Acq: 4 Aug 2018 22:21

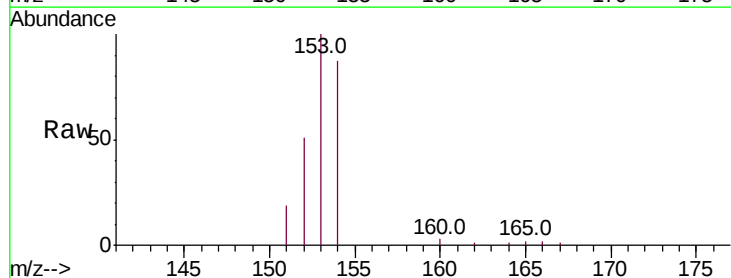
Tgt Ion:153 Resp: 5506

Ion Ratio Lower Upper

153 100

152 51.0 36.0 54.0

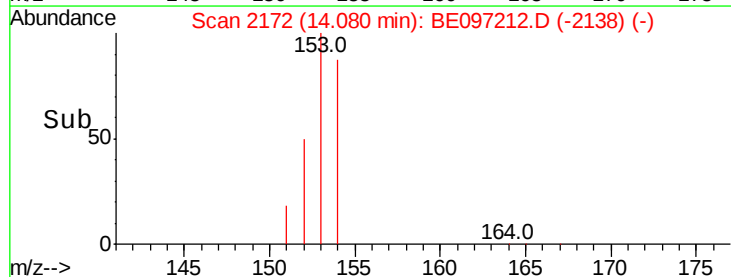
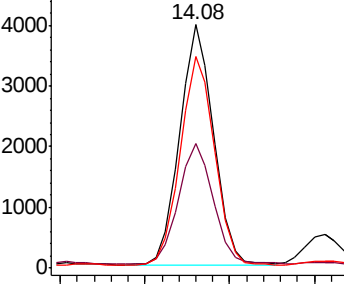
154 86.9 72.0 108.0

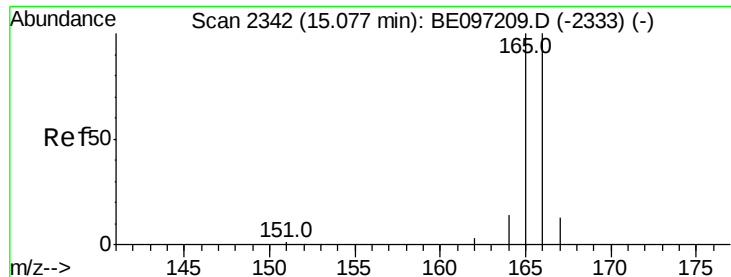


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.335 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE097212.D

Acq: 4 Aug 2018 22:21

Instrument :

BNA_E

ClientSampleId :

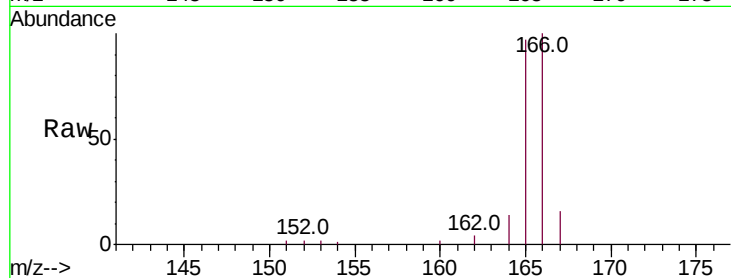
Tot Ion:166 Resp: 6012

Ion Ratio Lower Upper

166 100

165 97.0 73.4 110.2

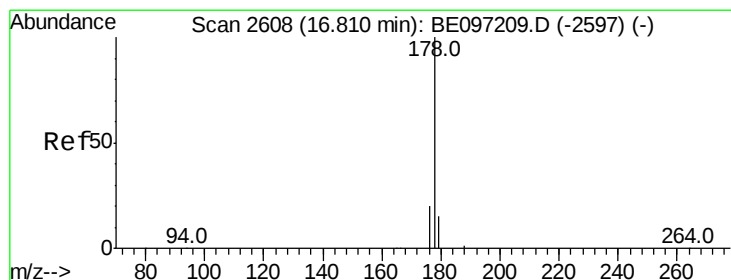
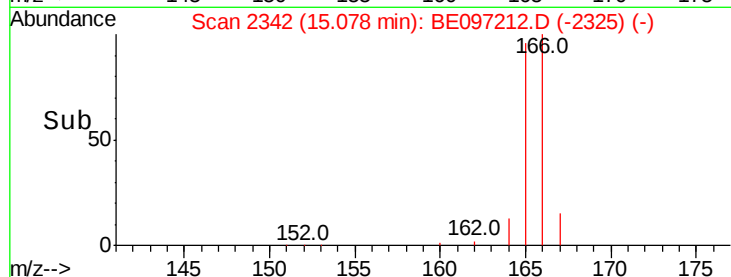
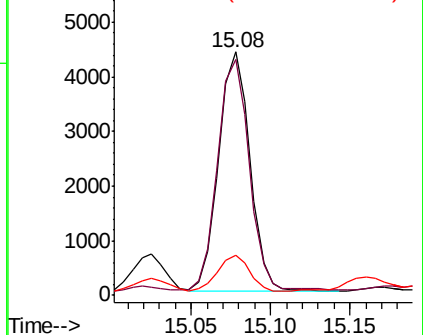
167 16.4 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.020 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. 0.09 min

Lab File: BE097212.D

Acq: 4 Aug 2018 22:21

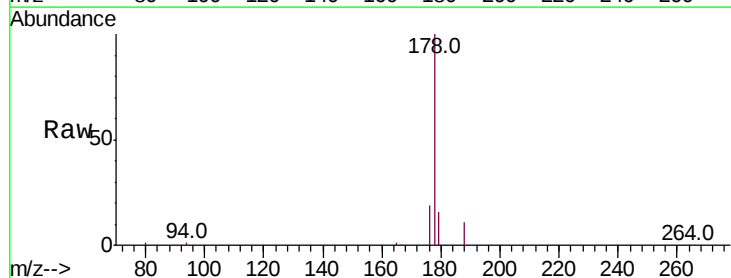
Tgt Ion:178 Resp: 30781

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

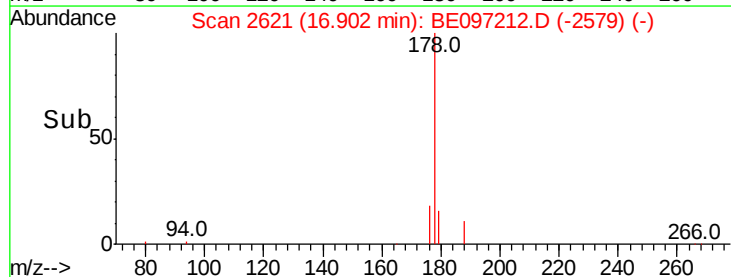
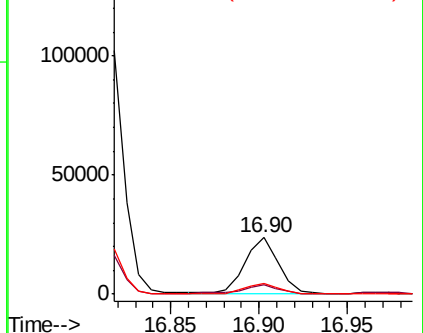
176 18.6 13.6 20.4

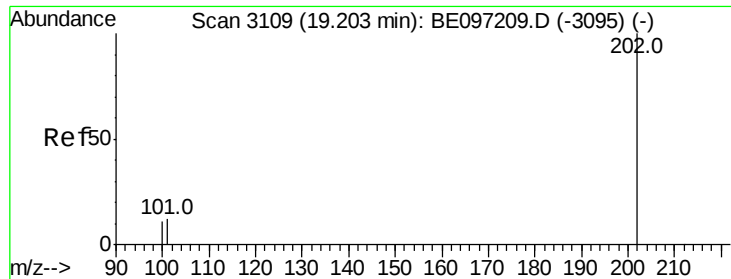


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

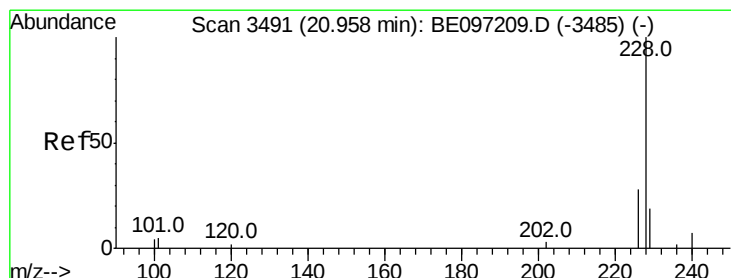
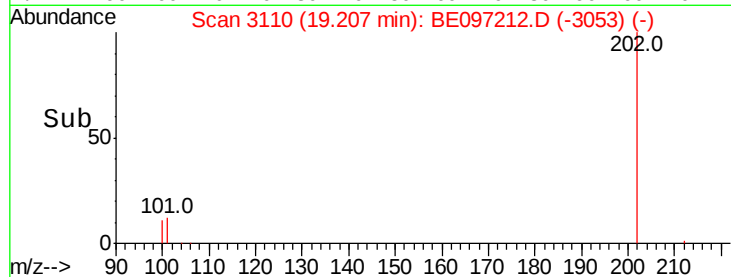
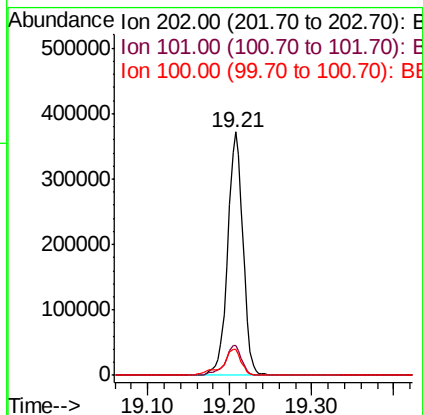
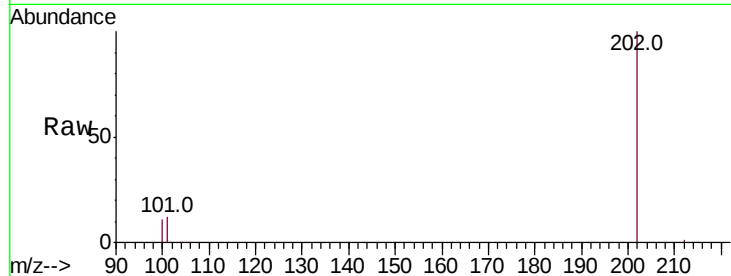




#17
Pvrene
Concen: 1207.964 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

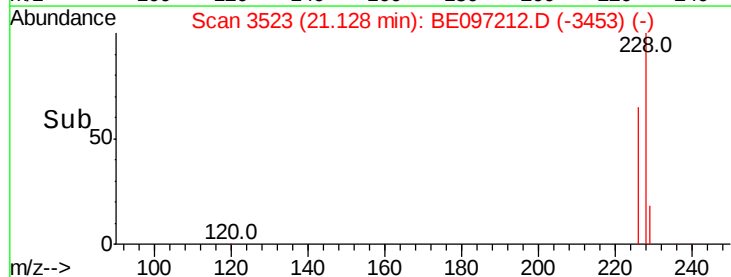
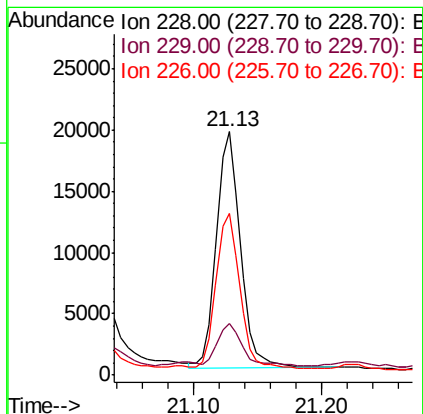
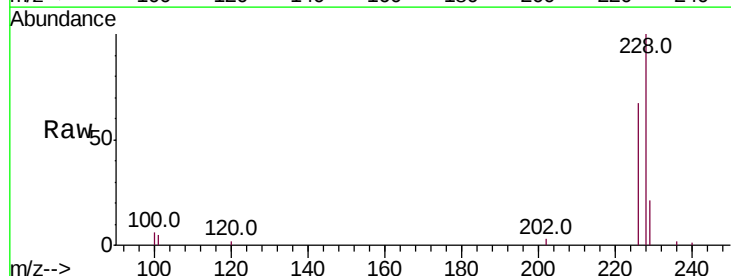
Instrument :
BNA_E
ClientSampleId :

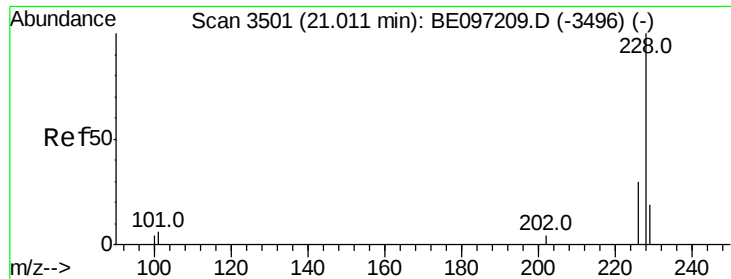
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	10.5	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 58.966 ng/ul
RT: 21.13 min Scan# 3523
Delta R.T. 0.17 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	22.8	34.2#
226	66.6	17.0	25.6#





#19

Chrysene

Concen: 522.179 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BE097212.D

Acq: 4 Aug 2018 22:21

Instrument :

BNA_E

ClientSampleId :

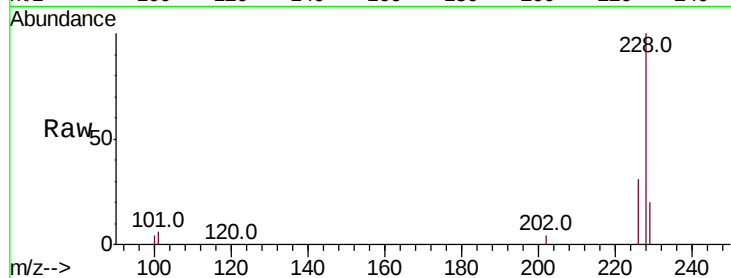
Tot Ion:228 Resp: 229102

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

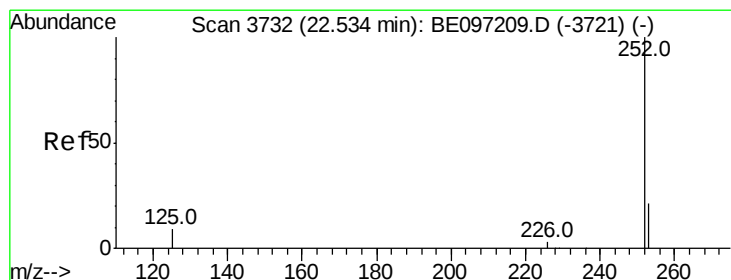
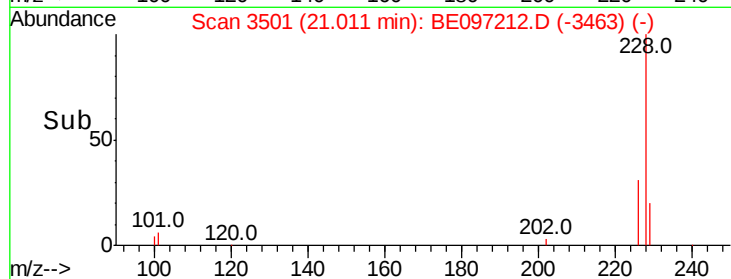
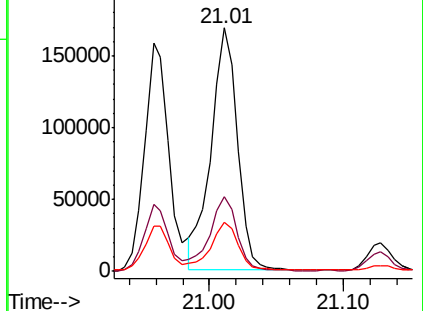
229 20.4 17.7 26.5



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: 12.360 ng/ul

RT: 22.71 min Scan# 3757

Delta R.T. 0.18 min

Lab File: BE097212.D

Acq: 4 Aug 2018 22:21

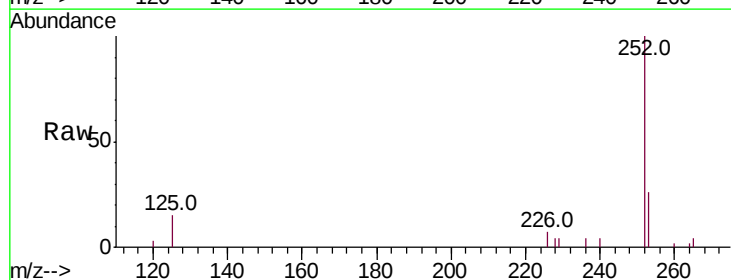
Tgt Ion:252 Resp: 32341

Ion Ratio Lower Upper

252 100

253 25.7 0.0 64.2

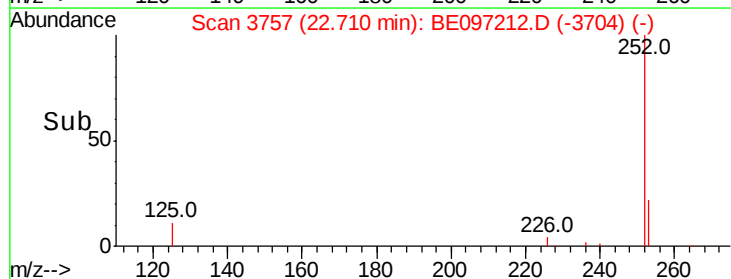
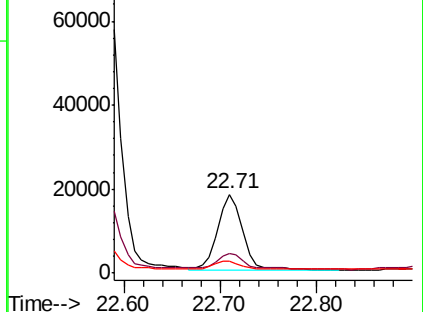
125 15.2 0.0 35.0

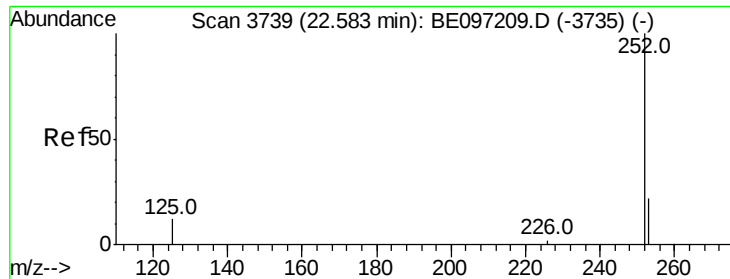


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

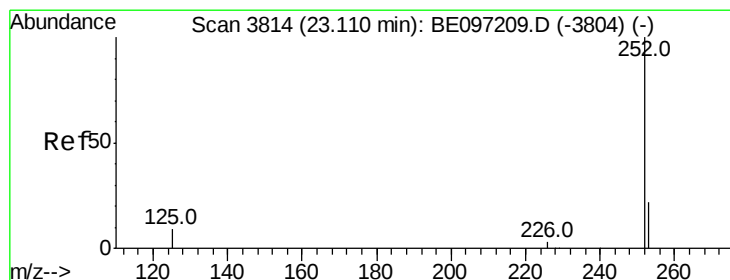
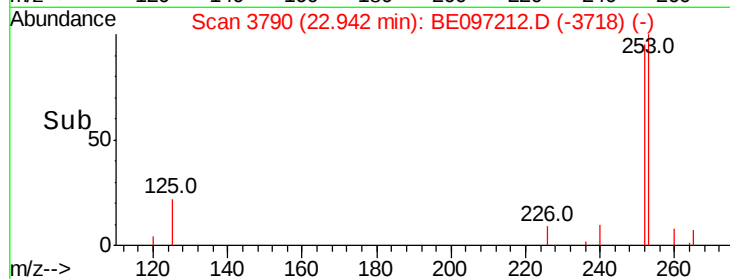
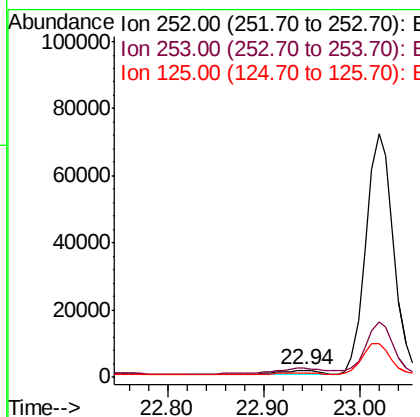
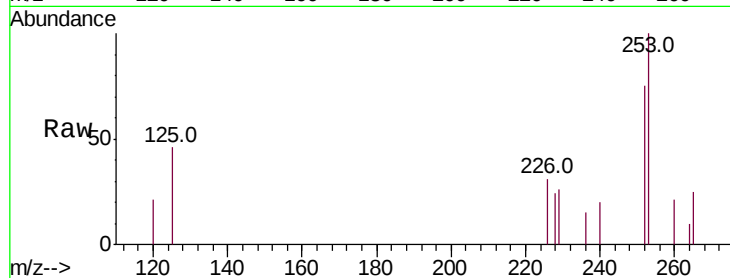




#22
Benzo(k)fluoranthene
Concen: 1.578 ng/ul
RT: 22.94 min Scan# 3790
Delta R.T. 0.36 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

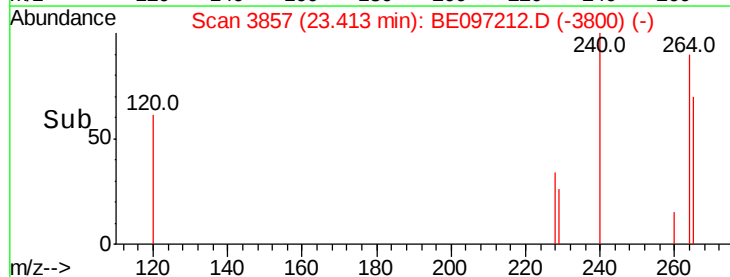
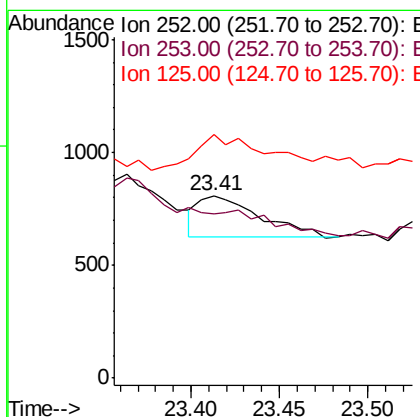
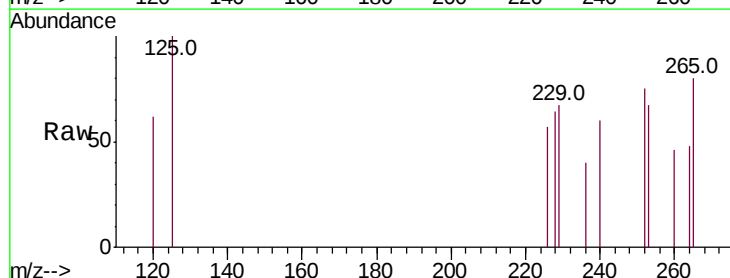
Instrument :
BNA_E
ClientSampleId :

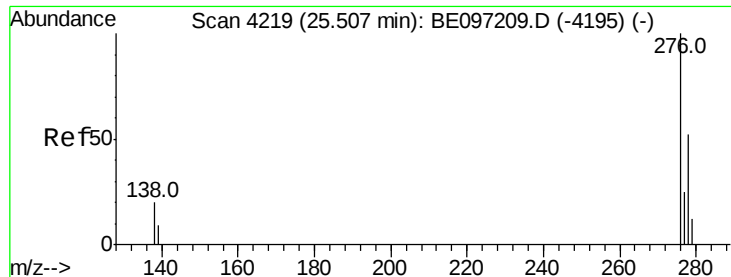
Tot Ion:252 Resp: 4452
Ion Ratio Lower Upper
252 100
253 133.2 24.5 36.7#
125 60.7 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 0.164 ng/ul
RT: 23.41 min Scan# 3857
Delta R.T. 0.30 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:252 Resp: 430
Ion Ratio Lower Upper
252 100
253 89.8 28.5 42.7#
125 133.2 18.1 27.1#



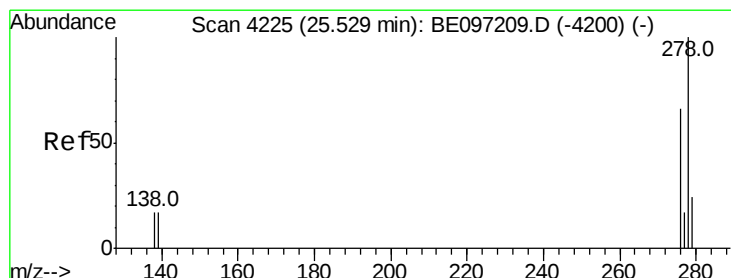
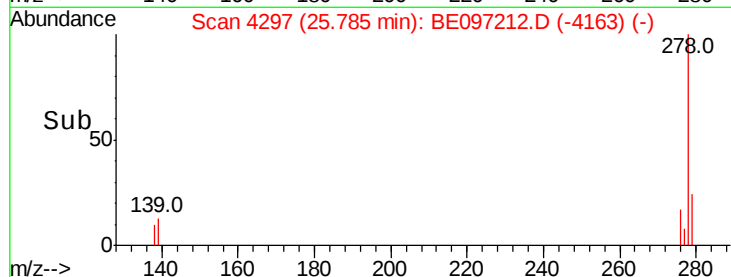
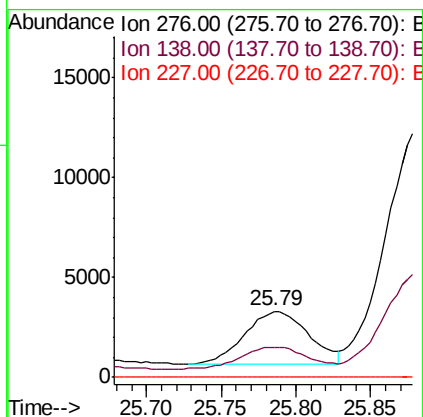
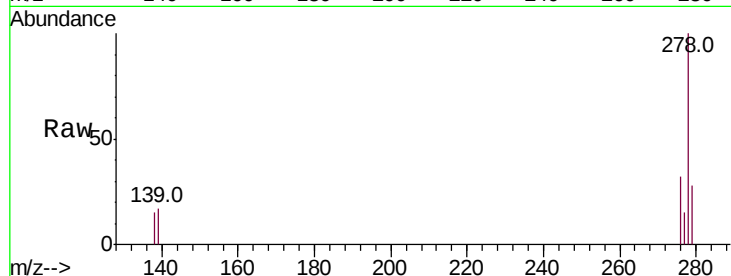


#24

Indeno(1,2,3-cd)pyrene
Concen: 2.393 ng/ul
RT: 25.79 min Scan# 4297
Delta R.T. 0.28 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Instrument :
BNA_E
ClientSampleId :

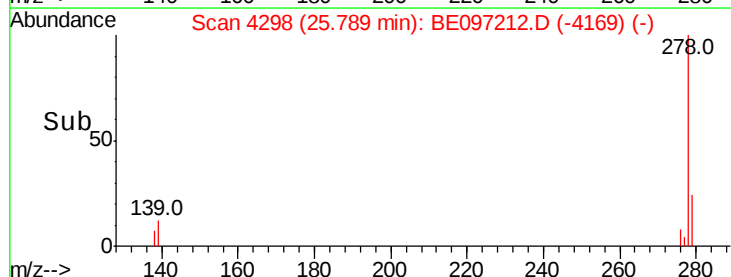
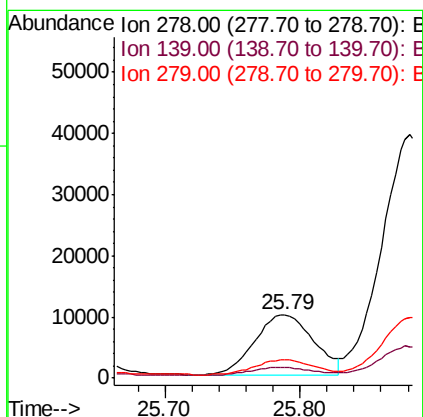
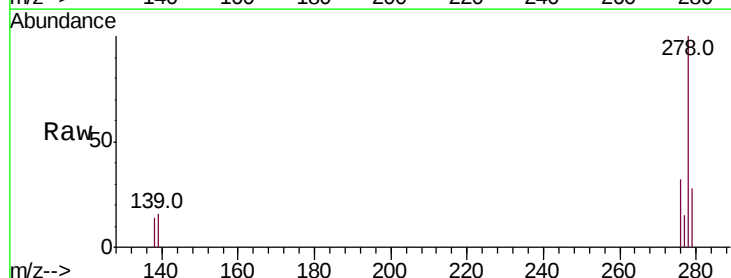
Tot Ion:276 Resp: 7842
Ion Ratio Lower Upper
276 100
138 42.9 28.0 42.0#
227 0.0 8.0 12.0#

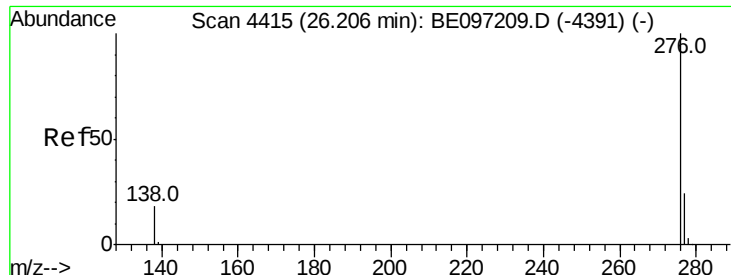


#25

Dibenzo(a,h)anthracene
Concen: 11.081 ng/ul
RT: 25.79 min Scan# 4298
Delta R.T. 0.26 min
Lab File: BE097212.D
Acq: 4 Aug 2018 22:21

Tgt Ion:278 Resp: 29712
Ion Ratio Lower Upper
278 100
139 16.5 17.4 26.0#
279 27.8 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 11.891 ng/ul

RT: 26.59 min Scan# 4522

Delta R.T. 0.38 min

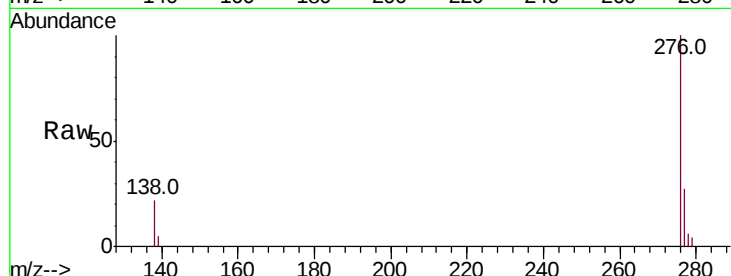
Lab File: BE097212.D

Acq: 4 Aug 2018 22:21

Instrument :

BNA_E

ClientSampleId :



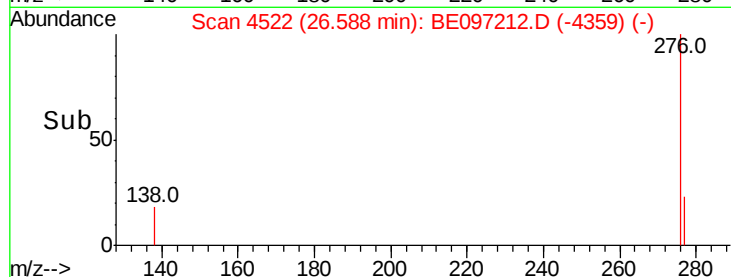
Tot Ion:276 Resp: 33673

Ion Ratio Lower Upper

276 100

138 21.9 21.8 32.8

277 27.2 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

