

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082918\
 Data File : BE097395.D
 Acq On : 29 Aug 2018 18:39
 Operator : SJ/JU
 Sample : J4596-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 30 02:12:36 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 : Thu Aug 30 02:12:09 2018
 Response via : Initial Calibration

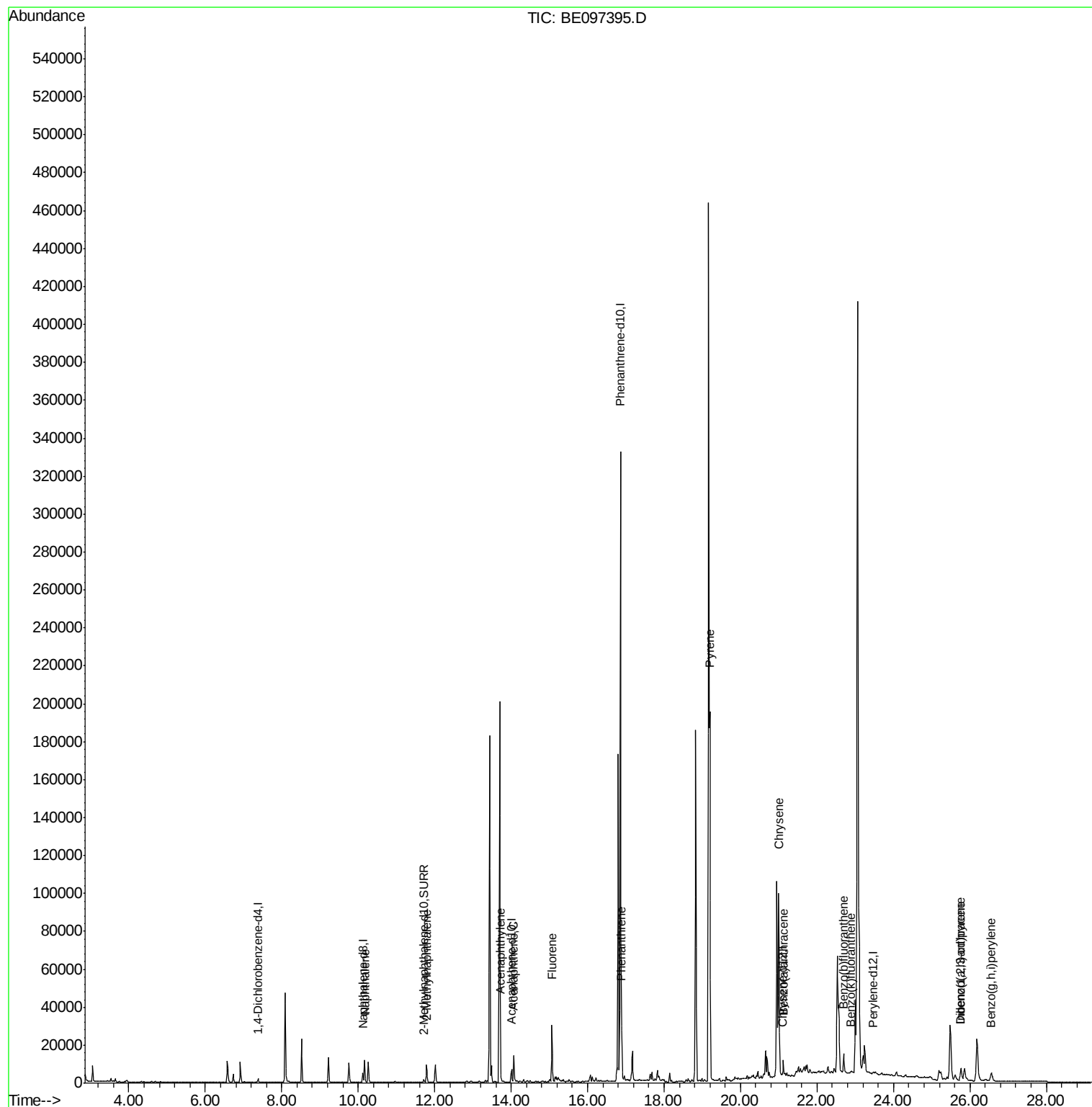
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	936	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4998	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3478	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	372310	0.40	ng/ul	0.10
16) Chrysene-d12	21.10	240	44	0.40	ng/ul	0.13
20) Perylene-d12	23.47	264	336	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1665	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	43	0.00	ng/ul	0.10
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	17301	1.420	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	8142	1.057	ng/ul	97
7) Acenaphthylene	13.72	152	2665	0.210	ng/ul#	91
8) Acenaphthene	14.07	153	8015	0.735	ng/ul	96
9) Fluorene	15.07	166	18307	1.467	ng/ul#	93
12) Phenanthrene	16.89	178	28232	0.029	ng/ul#	89
17) Pyrene	19.19	202	202279	1708.387	ng/ul#	80
18) Benzo(a)anthracene	21.12	228	5831	51.589	ng/ul#	55
19) Chrysene	21.00	228	86176	661.738	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	13653	15.173	ng/ul	92
22) Benzo(k)fluoranthene	22.89	252	1111	1.107	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.76	276	2630	2.438	ng/ul#	83
25) Dibenzo(a,h)anthracene	25.77	278	9872	10.799	ng/ul	96
26) Benzo(g,h,i)perylene	26.56	276	9688	10.532	ng/ul#	92

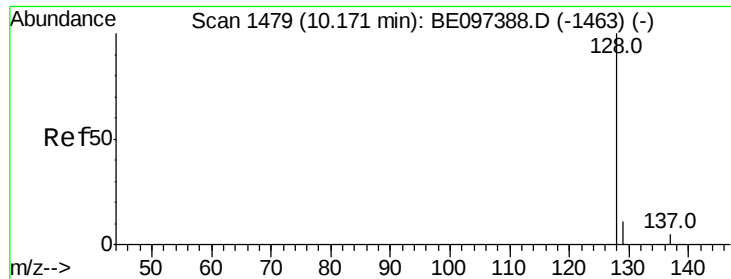
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.420 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE097395.D

Acq: 29 Aug 2018 18:39

Instrument :

BNA_E

ClientSampleId :

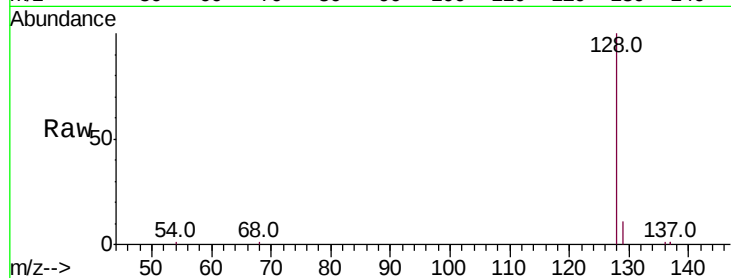
Tot Ion:128 Resp: 17301

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9#

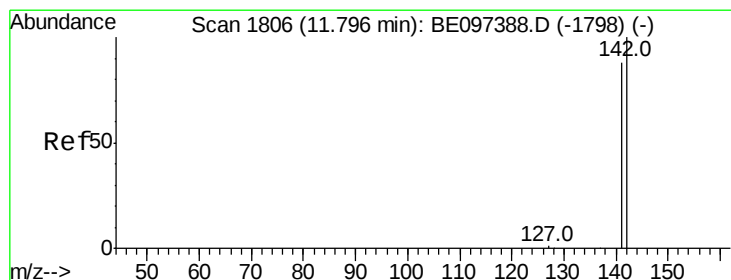
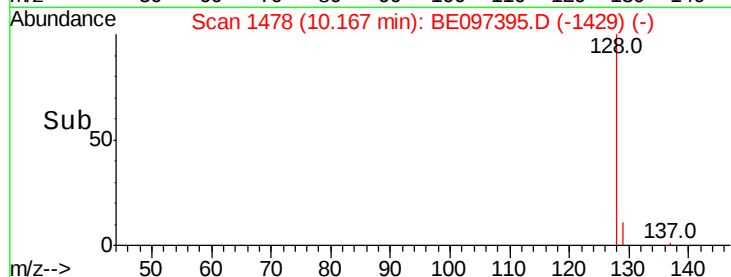
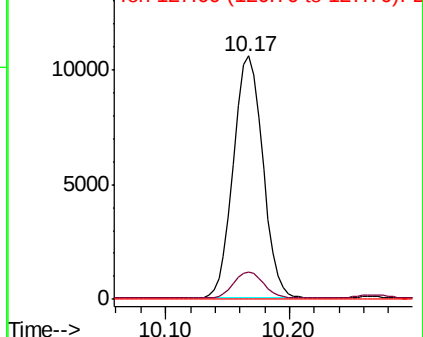
127 0.0 4.0 6.0#



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: 1.057 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BE097395.D

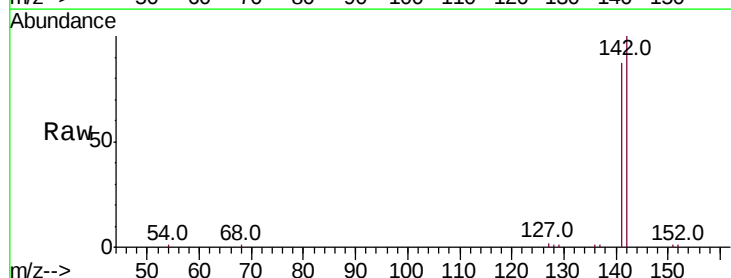
Acq: 29 Aug 2018 18:39

Tgt Ion:142 Resp: 8142

Ion Ratio Lower Upper

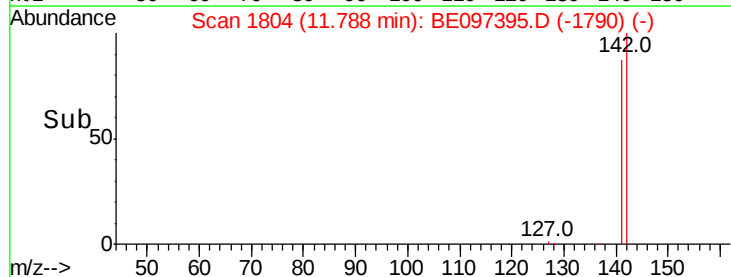
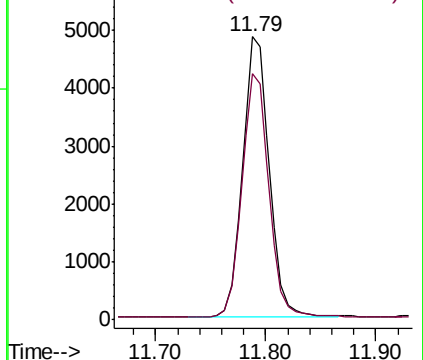
142 100

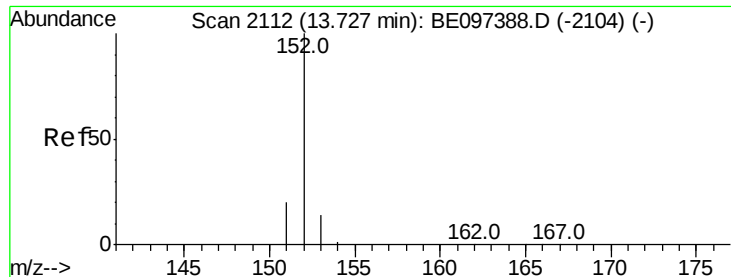
141 87.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.210 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BE097395.D

Acq: 29 Aug 2018 18:39

Instrument :

BNA_E

ClientSampleId :

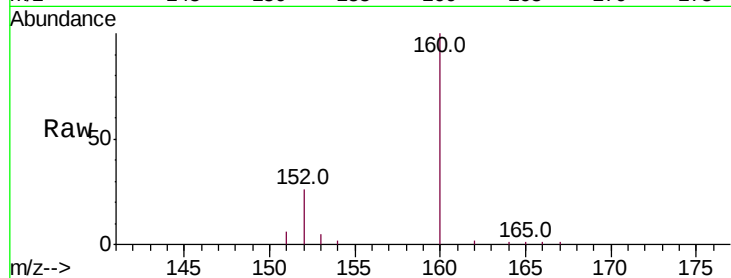
Tot Ion:152 Resp: 2665

Ion Ratio Lower Upper

152 100

151 24.4 17.1 25.7

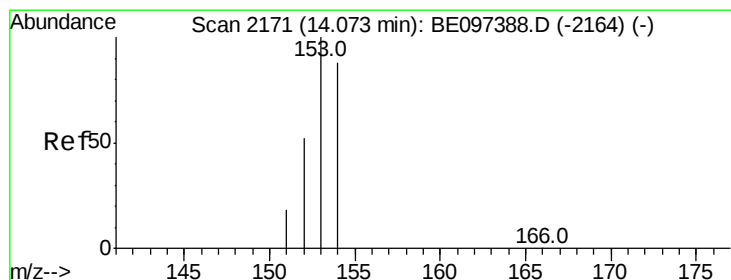
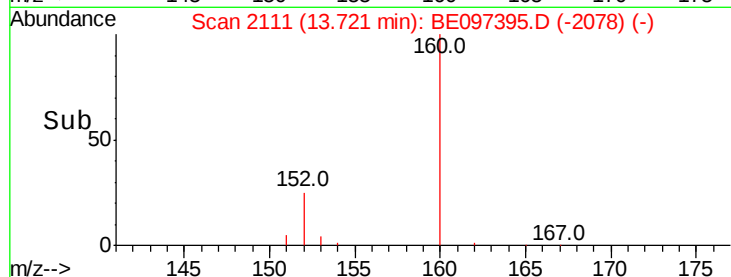
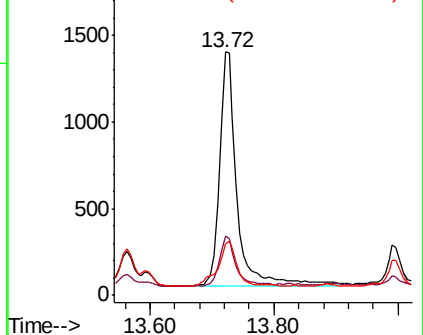
153 21.2 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.735 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BE097395.D

Acq: 29 Aug 2018 18:39

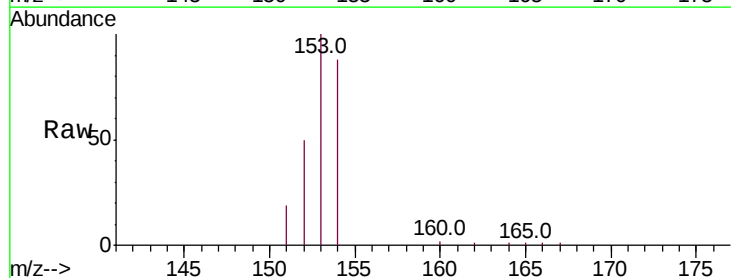
Tgt Ion:153 Resp: 8015

Ion Ratio Lower Upper

153 100

152 50.4 36.0 54.0

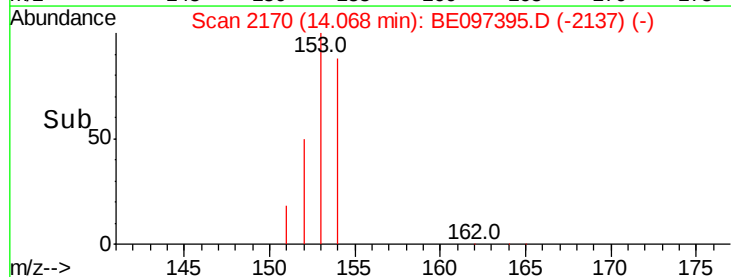
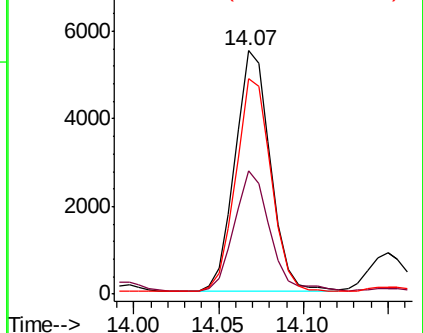
154 88.3 72.0 108.0

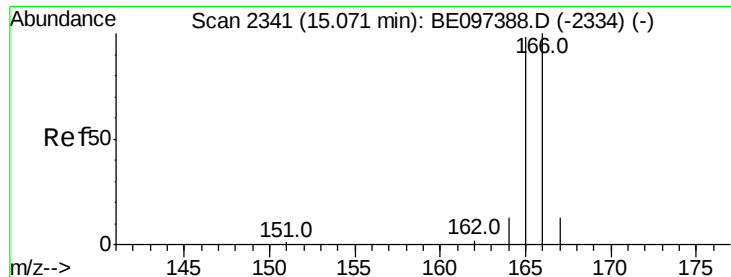


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.467 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BE097395.D

Acq: 29 Aug 2018 18:39

Instrument :

BNA_E

ClientSampleId :

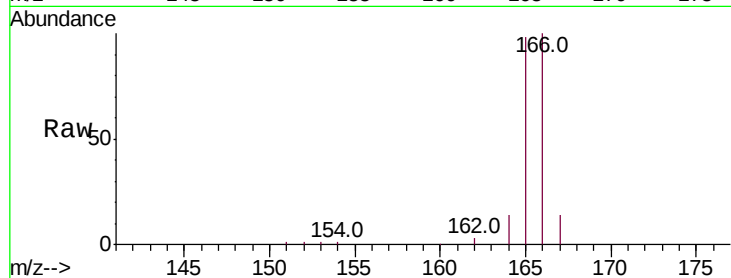
Tot Ion:166 Resp: 18307

Ion Ratio Lower Upper

166 100

165 98.3 73.4 110.2

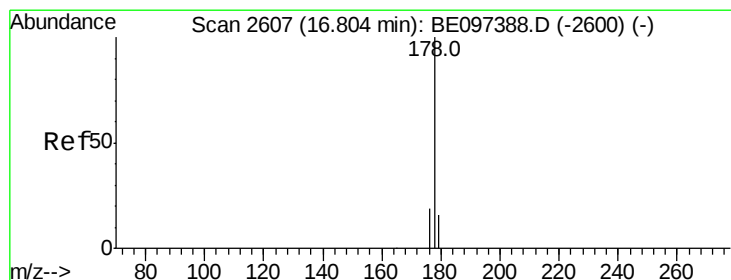
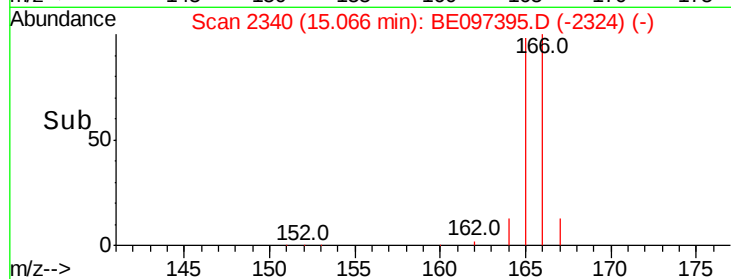
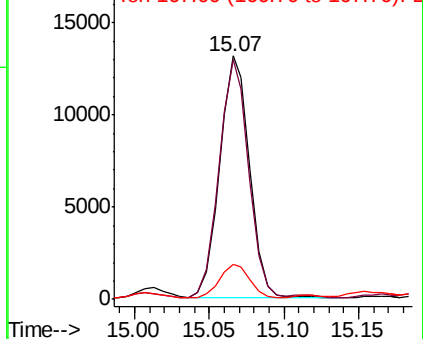
167 14.4 14.6 22.0#



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: 0.029 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. 0.08 min

Lab File: BE097395.D

Acq: 29 Aug 2018 18:39

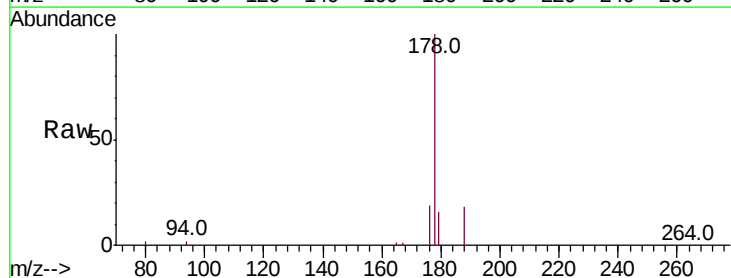
Tgt Ion:178 Resp: 28232

Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

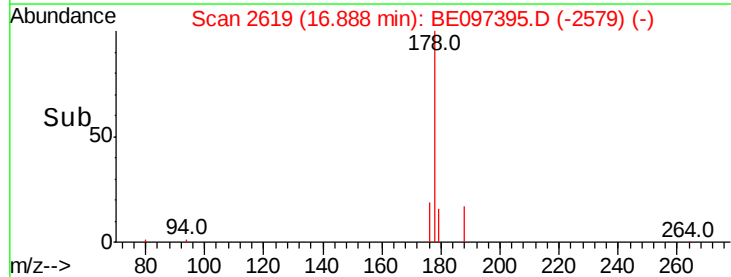
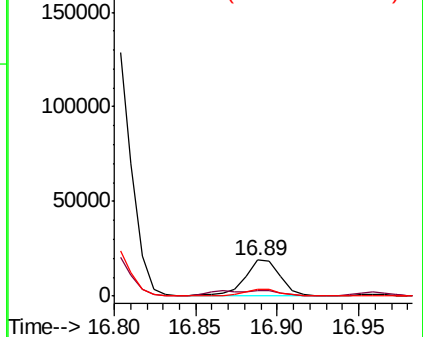
176 19.5 13.6 20.4

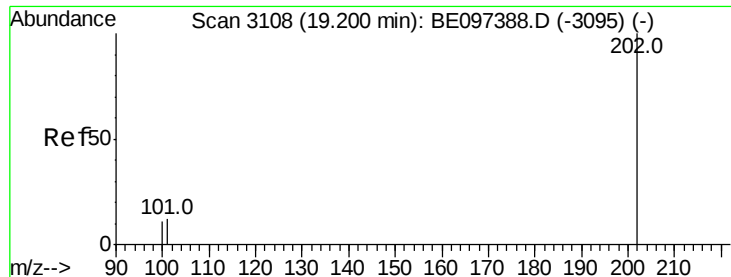


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

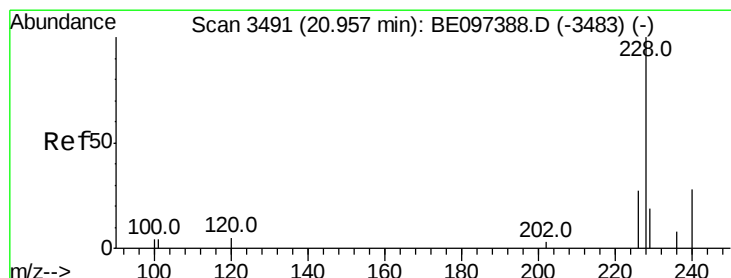
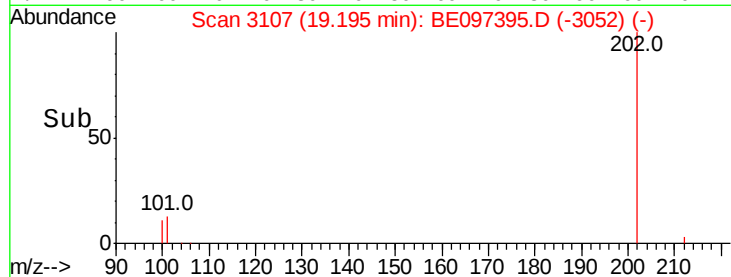
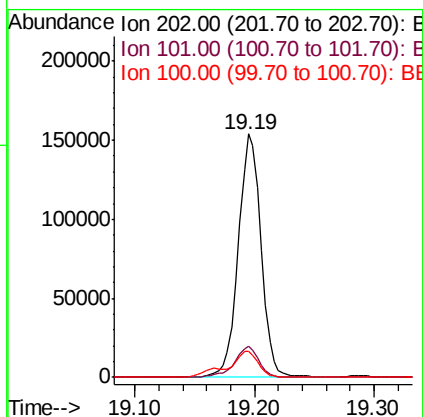
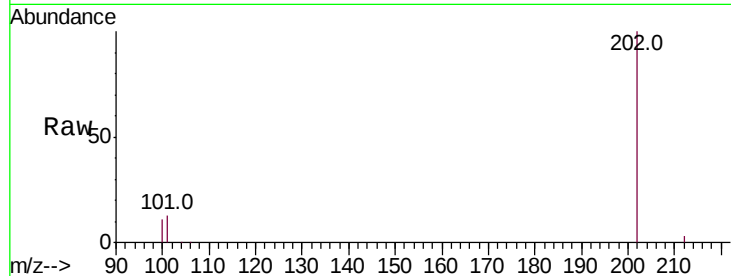




#17
Pvrene
Concen: 1708.387 ng/ul
RT: 19.19 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE097395.D
Acq: 29 Aug 2018 18:39

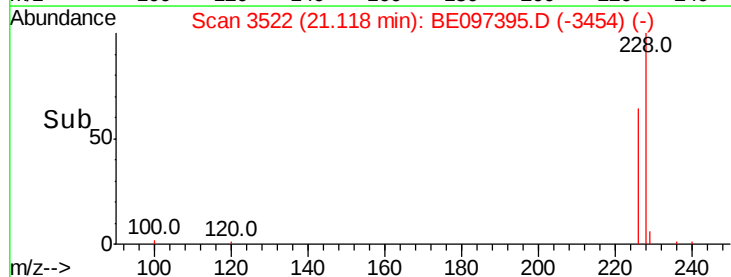
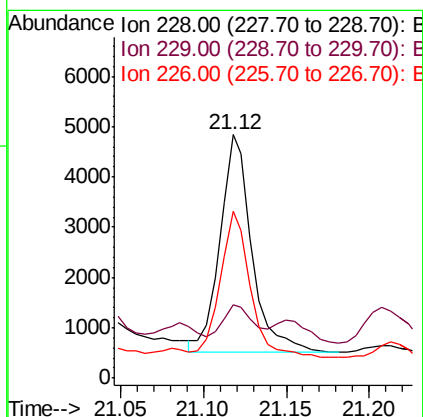
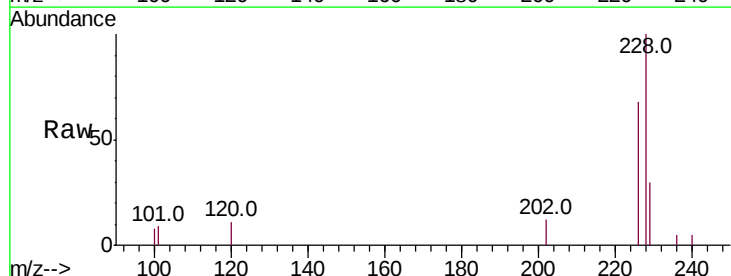
Instrument :
BNA_E
ClientSampleId :

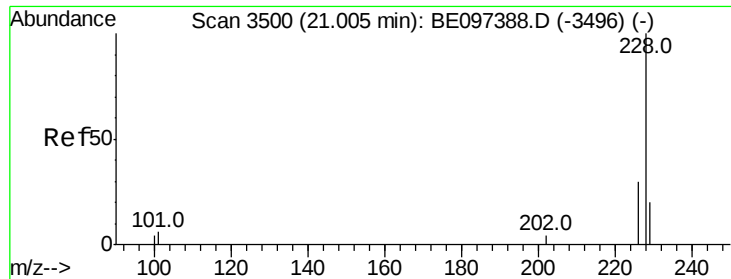
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	18.2	27.4#
100	10.8	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 51.589 ng/ul
RT: 21.12 min Scan# 3522
Delta R.T. 0.16 min
Lab File: BE097395.D
Acq: 29 Aug 2018 18:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	30.3	22.8	34.2
226	68.3	17.0	25.6#





#19

Chrysene

Concen: 661.738 ng/ul

RT: 21.00 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097395.D

Acq: 29 Aug 2018 18:39

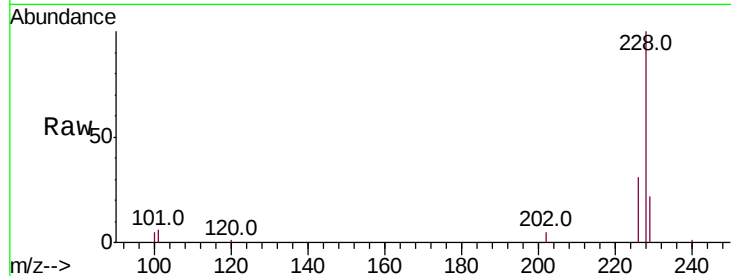
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 86176

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	22.5	17.7	26.5

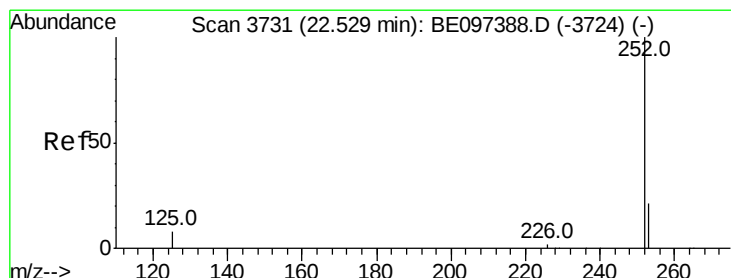
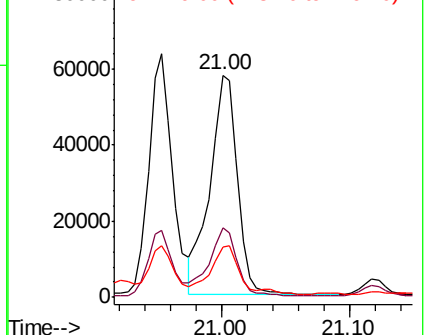
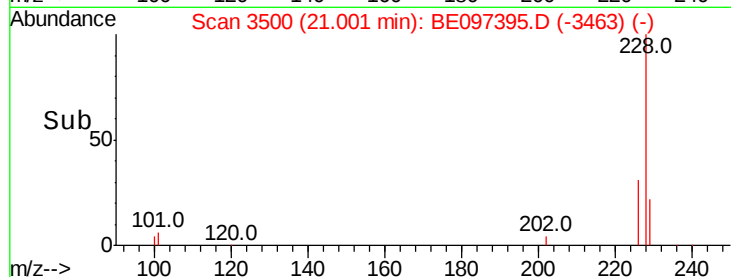


Abundance

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: 15.173 ng/ul

RT: 22.70 min Scan# 3757

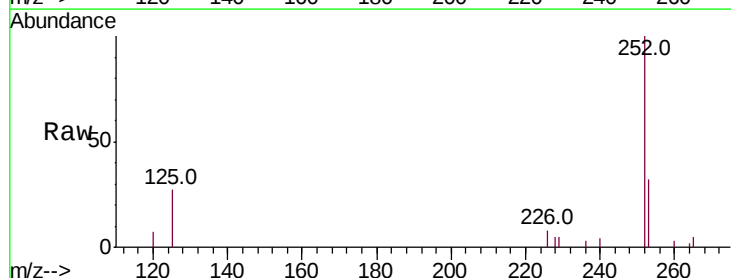
Delta R.T. 0.17 min

Lab File: BE097395.D

Acq: 29 Aug 2018 18:39

Tgt Ion:252 Resp: 13653

Ion	Ratio	Lower	Upper
252	100		
253	31.9	0.0	64.2
125	26.6	0.0	35.0

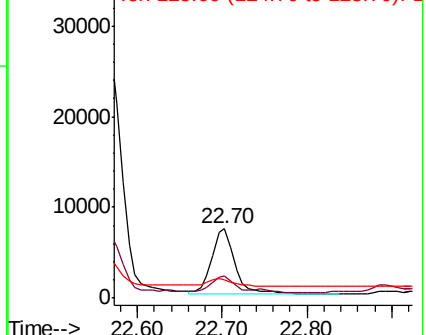
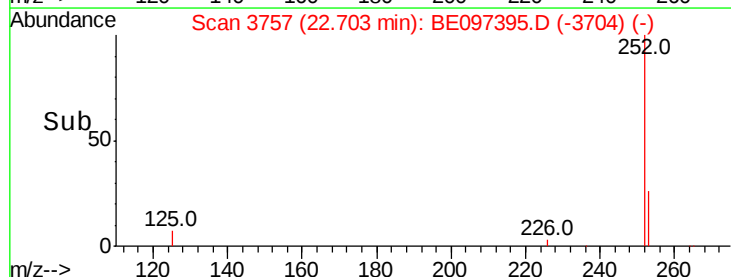


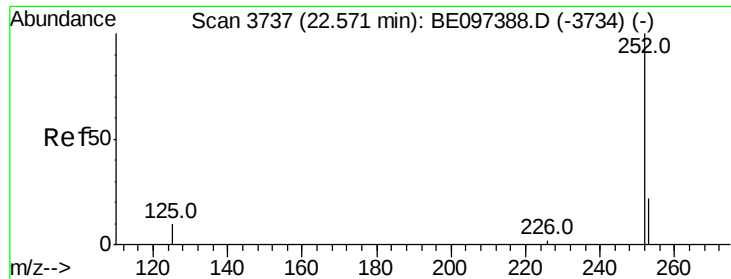
Abundance

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: 1.107 ng/ul

RT: 22.89 min Scan# 3784

Delta R.T. 0.32 min

Lab File: BE097395.D

Acq: 29 Aug 2018 18:39

Instrument :

BNA_E

ClientSampleId :

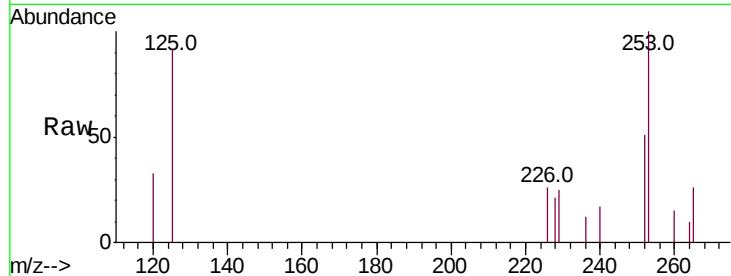
Tot Ion:252 Resp: 1111

Ion Ratio Lower Upper

252 100

253 194.6 24.5 36.7#

125 177.3 13.7 20.5#

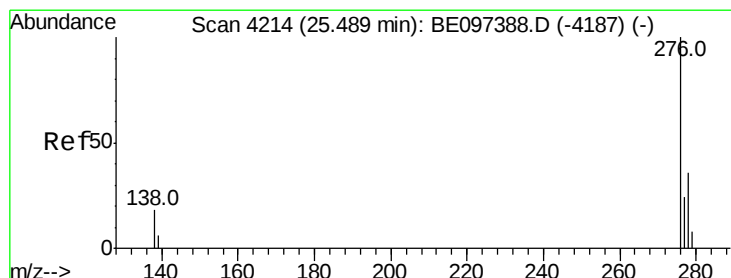
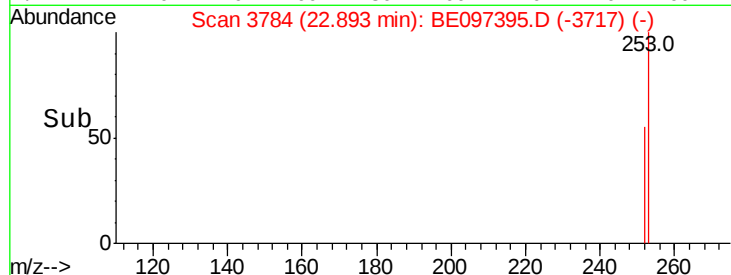
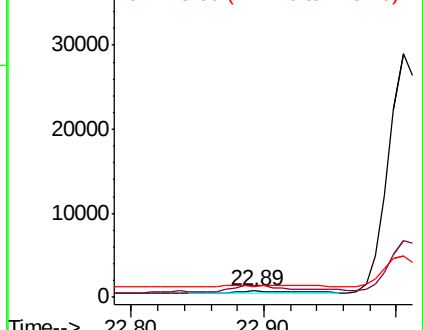


Abundance

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: 2.438 ng/ul

RT: 25.76 min Scan# 4292

Delta R.T. 0.28 min

Lab File: BE097395.D

Acq: 29 Aug 2018 18:39

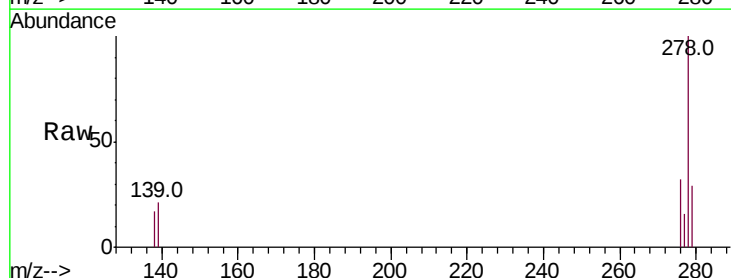
Tgt Ion:276 Resp: 2630

Ion Ratio Lower Upper

276 100

138 43.2 28.0 42.0#

227 0.0 8.0 12.0#

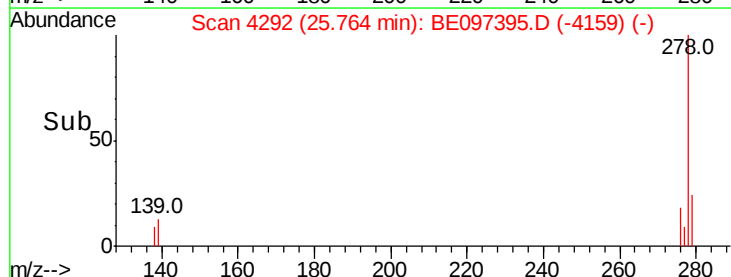
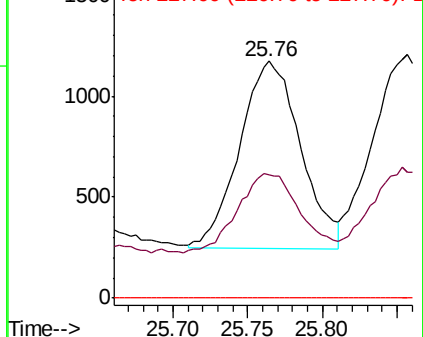


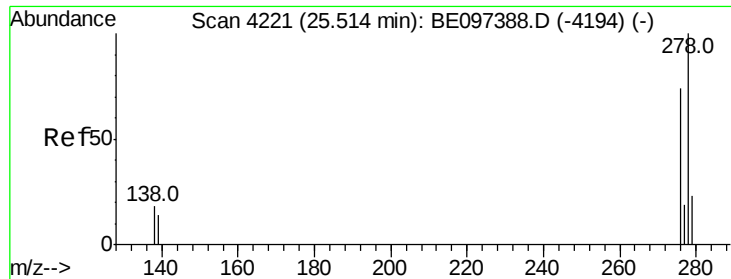
Abundance

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



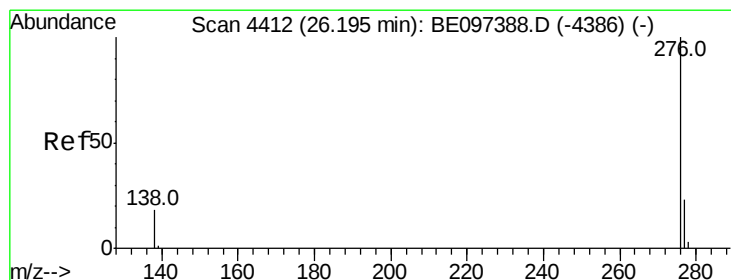
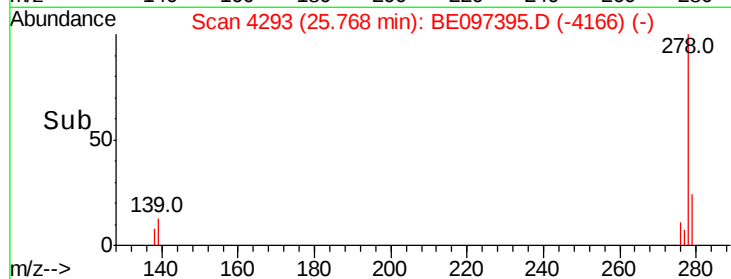
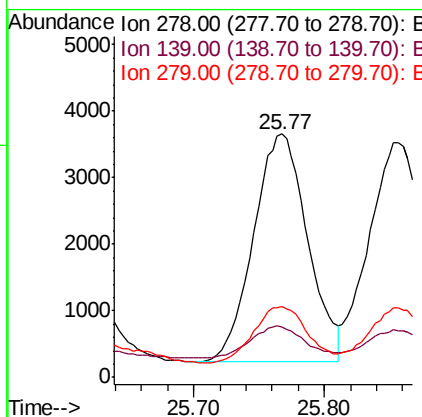
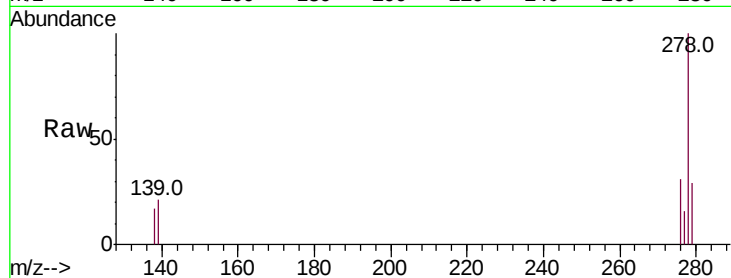


#25
Dibenzo(a,h)anthracene
Concen: 10.799 ng/ul
RT: 25.77 min Scan# 4293
Delta R.T. 0.25 min
Lab File: BE097395.D
Acq: 29 Aug 2018 18:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 9872

Ion	Ratio	Lower	Upper
278	100		
139	20.8	17.4	26.0
279	28.9	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 10.532 ng/ul
RT: 26.56 min Scan# 4515
Delta R.T. 0.36 min
Lab File: BE097395.D
Acq: 29 Aug 2018 18:39

Tgt Ion:276 Resp: 9688

Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.8	32.8
277	31.9	20.5	30.7#

