

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097466.D
 Acq On : 13 Sep 2018 00:35
 Operator : SJ/JU
 Sample : J4792-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 01:53:55 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 Sep 13 01:51:24 2018
 Response via : Initial Calibration

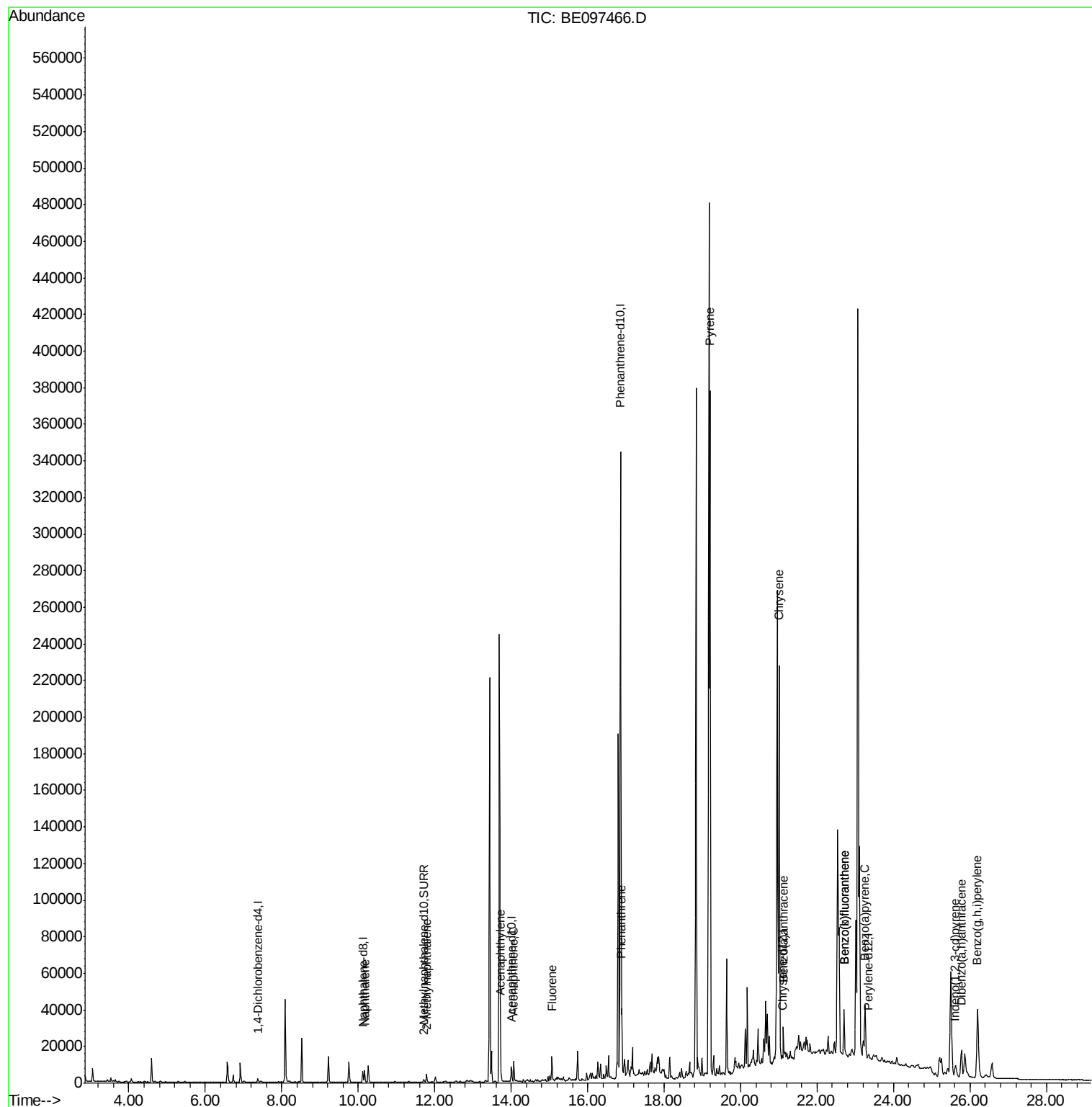
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1034	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5964	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4310	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	393953	0.40	ng/ul	0.10
16) Chrysene-d12	21.08	240	94	0.40	ng/ul	0.11
20) Perylene-d12	23.33	264	1102	0.40	ng/ul	0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1909	0.21	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	9644	0.663	ng/ul#	92
5) 2-Methylnaphthalene	11.79	142	3653	0.397	ng/ul	98
7) Acenaphthylene	13.72	152	9457	0.602	ng/ul	99
8) Acenaphthene	14.07	153	6478	0.480	ng/ul	97
9) Fluorene	15.07	166	8011	0.518	ng/ul	93
12) Phenanthrene	16.89	178	42528	0.042	ng/ul#	91
17) Pyrene	19.20	202	387877	1533.396	ng/ul#	80
18) Benzo(a)anthracene	21.12	228	14057	58.214	ng/ul#	52
19) Chrysene	21.00	228	190305	684.029	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	33235	11.262	ng/ul	89
22) Benzo(k)fluoranthene	22.70	252	33198	10.088	ng/ul#	87
23) Benzo(a)pyrene	23.25	252	37963	13.905	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.62	276	2883	0.815	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.78	278	22717	7.577	ng/ul	98
26) Benzo(g,h,i)perylene	26.20	276	80830	26.793	ng/ul#	92

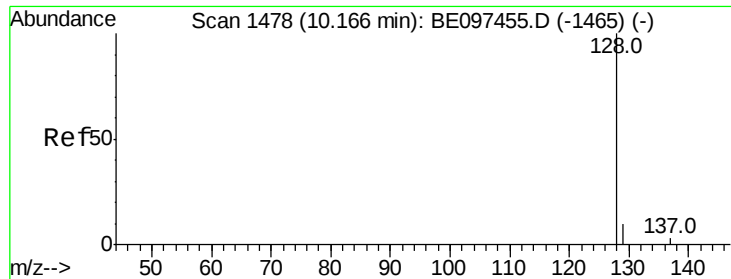
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 13 01:51:24 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.663 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

ClientSampleId :

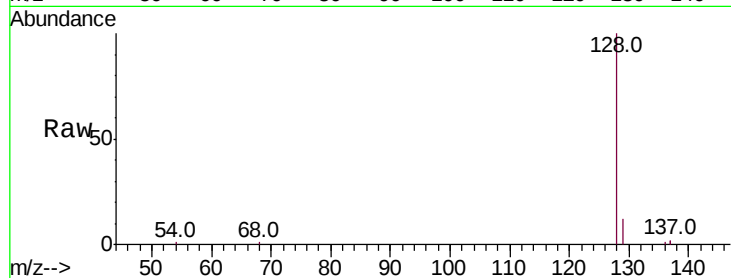
Tot Ion:128 Resp: 9644

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

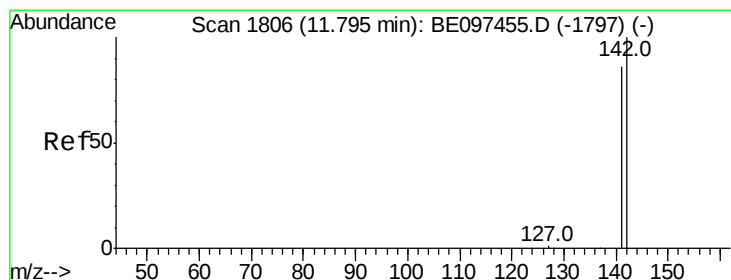
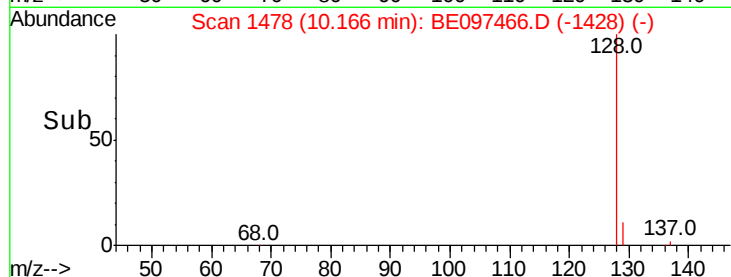
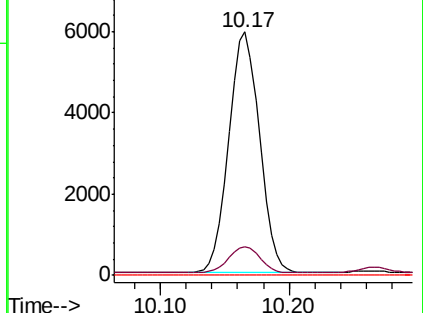
127 0.0 4.0 6.0#



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: 0.397 ng/ul

RT: 11.79 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BE097466.D

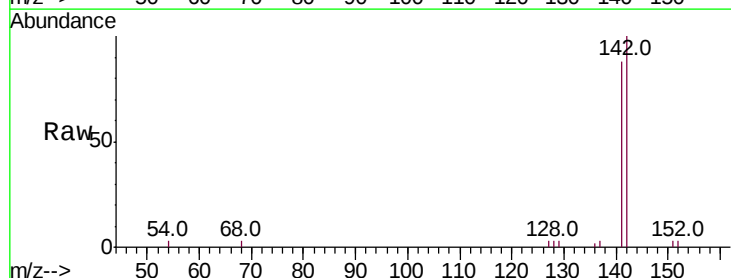
Acq: 13 Sep 2018 00:35

Tgt Ion:142 Resp: 3653

Ion Ratio Lower Upper

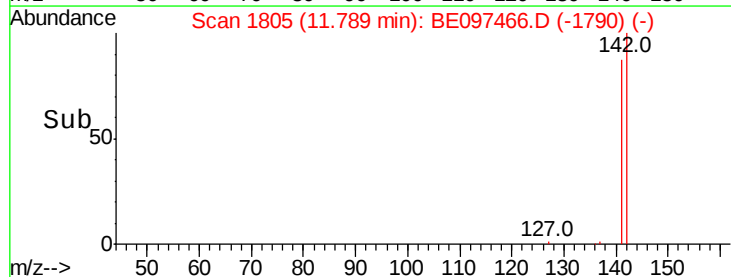
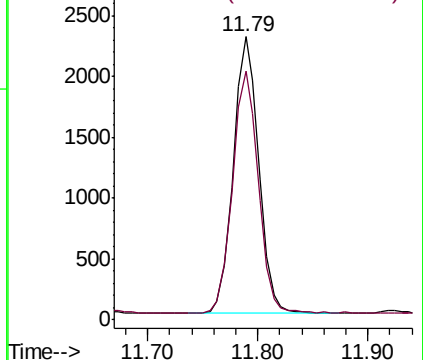
142 100

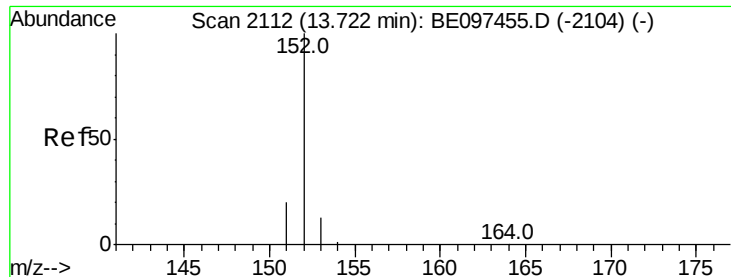
141 88.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.602 ng/ul

RT: 13.72 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

ClientSampleId :

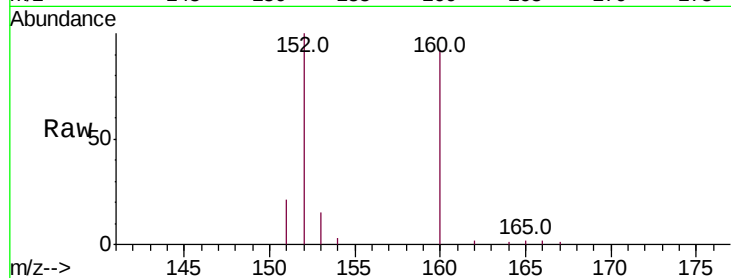
Tot Ion:152 Resp: 9457

Ion Ratio Lower Upper

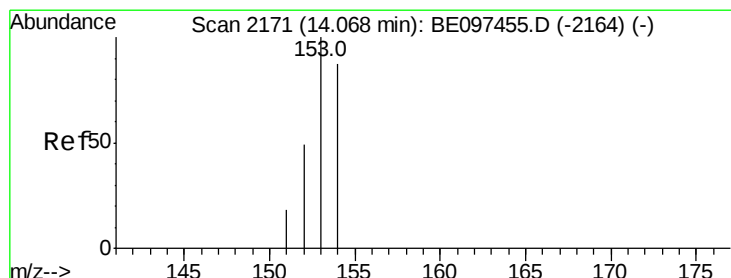
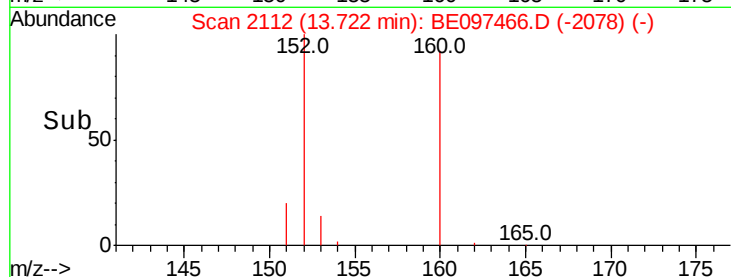
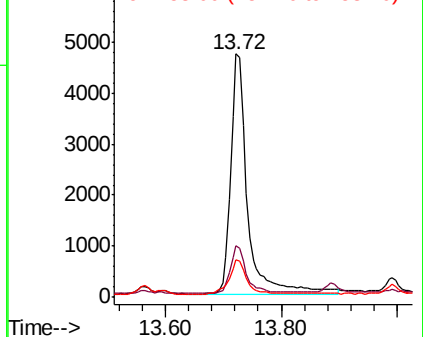
152 100

151 21.3 17.1 25.7

153 15.2 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: 0.480 ng/ul

RT: 14.07 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

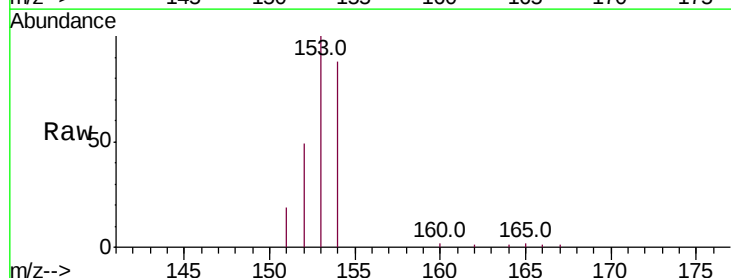
Tgt Ion:153 Resp: 6478

Ion Ratio Lower Upper

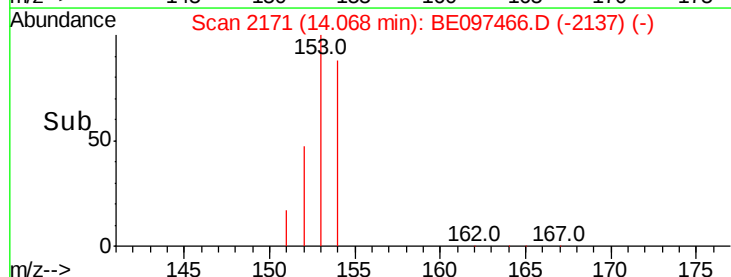
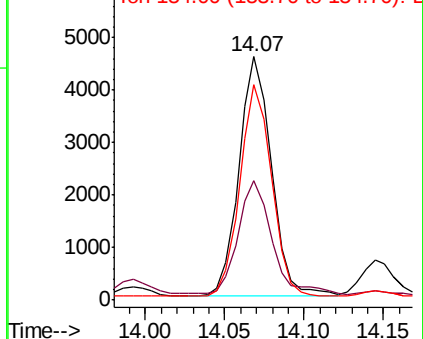
153 100

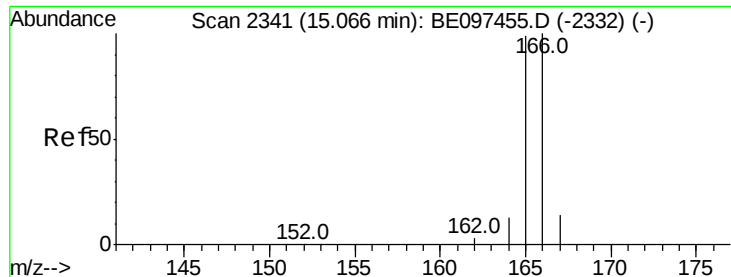
152 49.3 36.0 54.0

154 88.4 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: 0.518 ng/ul

RT: 15.07 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

ClientSampleId :

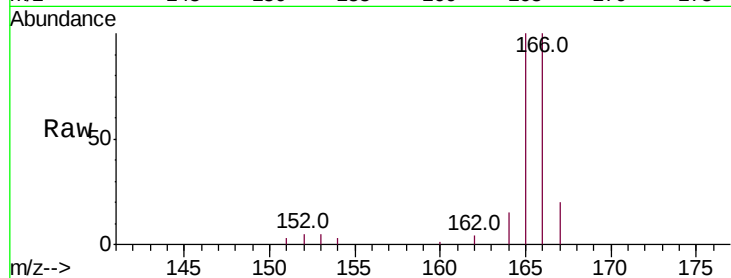
Tot Ion:166 Resp: 8011

Ion Ratio Lower Upper

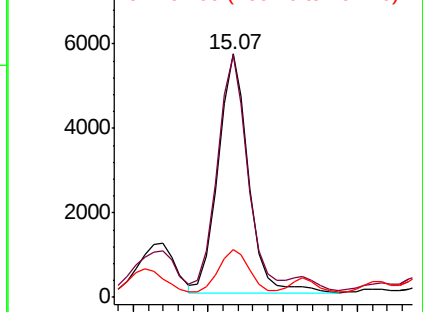
166 100

165 99.7 73.4 110.2

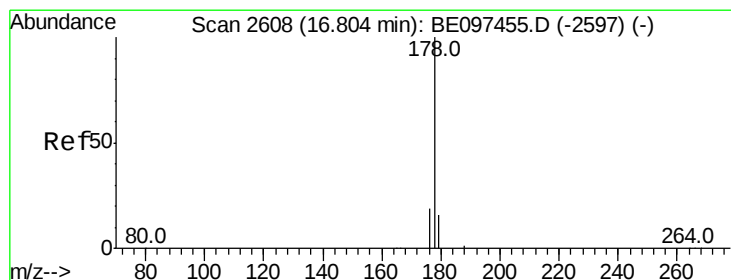
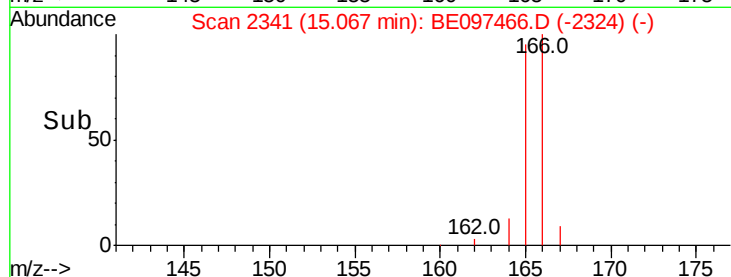
167 19.8 14.6 22.0



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



Time-->



#12

Phenanthrene

Concen: 0.042 ng/ul

RT: 16.89 min Scan# 2620

Delta R.T. 0.08 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

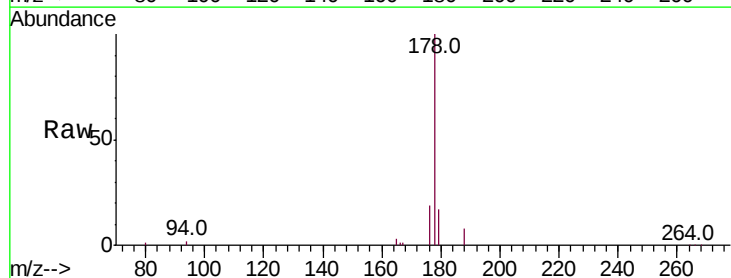
Tgt Ion:178 Resp: 42528

Ion Ratio Lower Upper

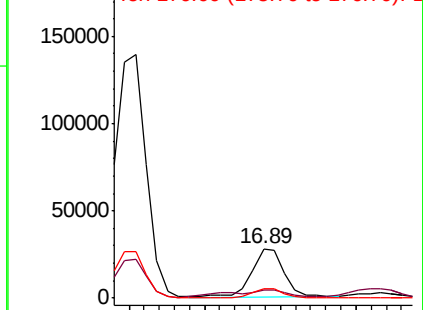
178 100

179 17.1 18.4 27.6#

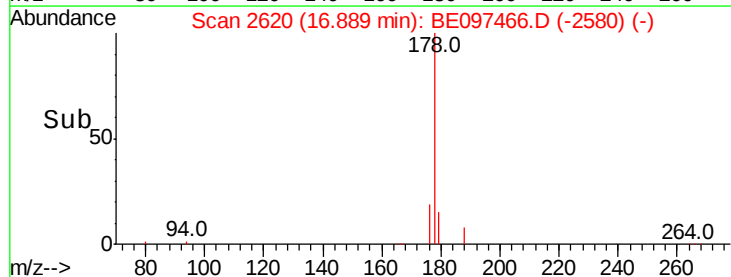
176 19.1 13.6 20.4

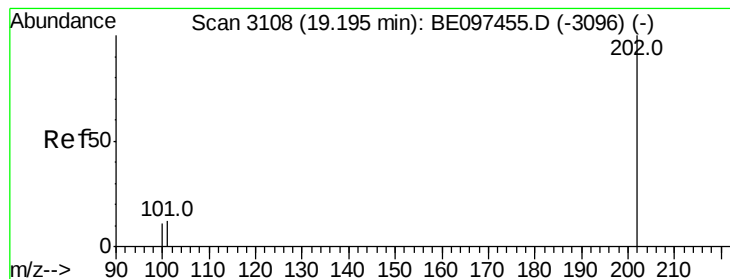


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#17

Pvrene

Concen: 1533.396 ng/ul

RT: 19.20 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

ClientSampleId :

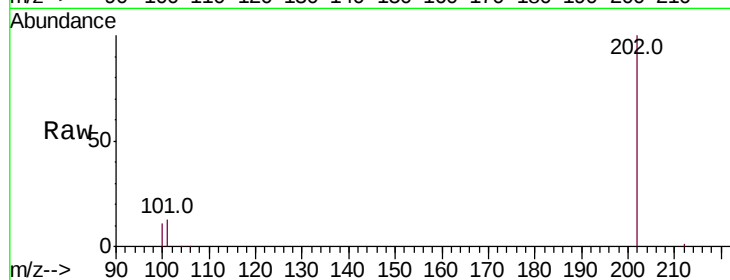
Tot Ion:202 Resp: 387877

Ion Ratio Lower Upper

202 100

101 13.0 18.2 27.4#

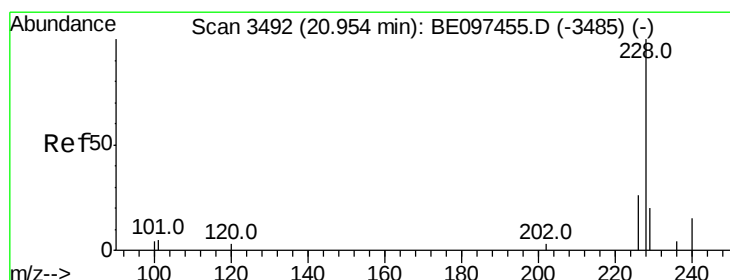
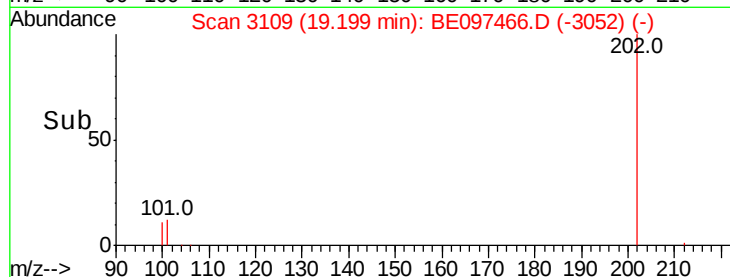
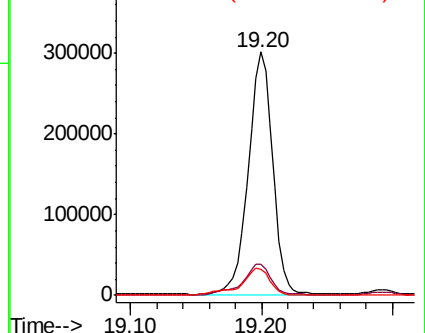
100 10.9 15.6 23.4#



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: 58.214 ng/ul

RT: 21.12 min Scan# 3523

Delta R.T. 0.17 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

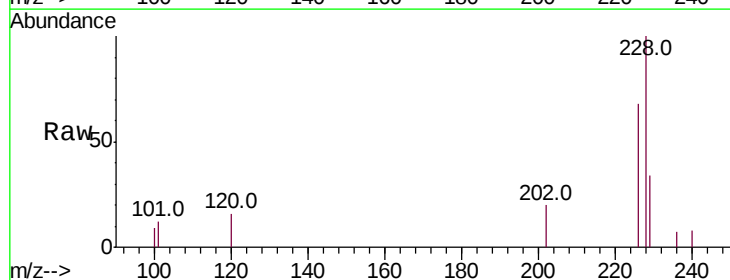
Tgt Ion:228 Resp: 14057

Ion Ratio Lower Upper

228 100

229 33.6 22.8 34.2

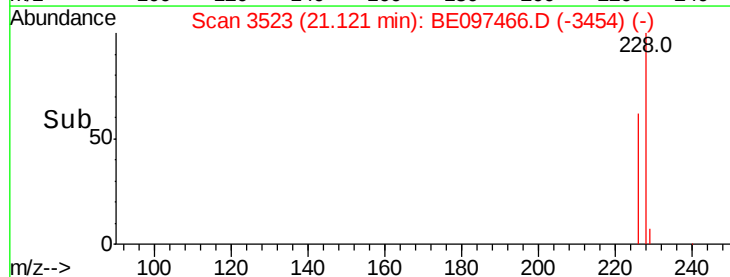
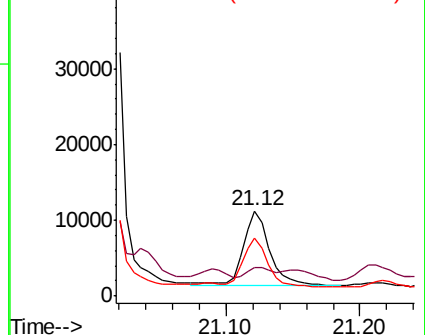
226 67.9 17.0 25.6#

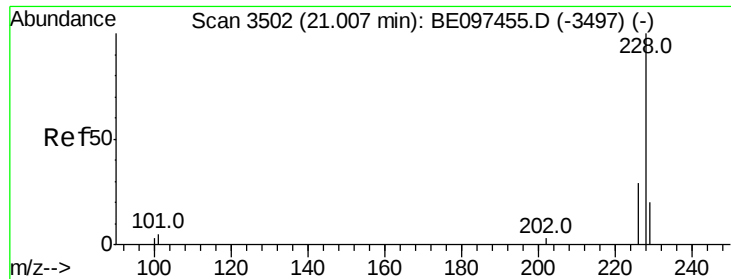


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 684.029 ng/ul

RT: 21.00 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

ClientSampled :

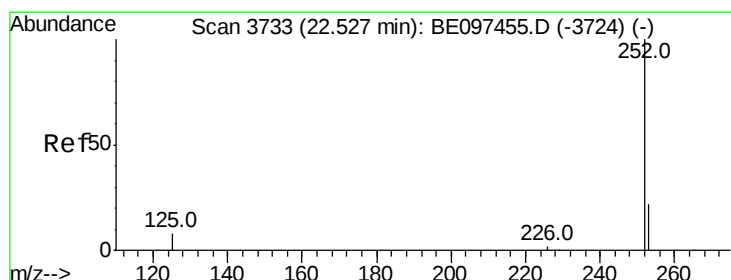
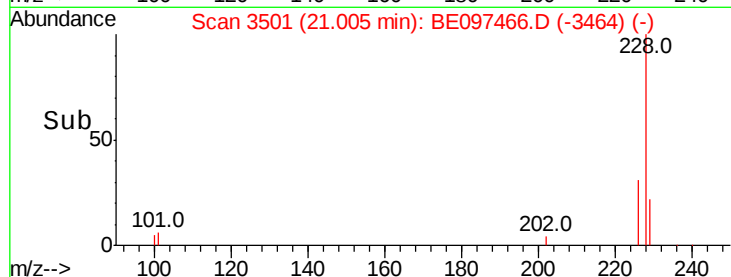
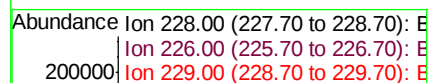
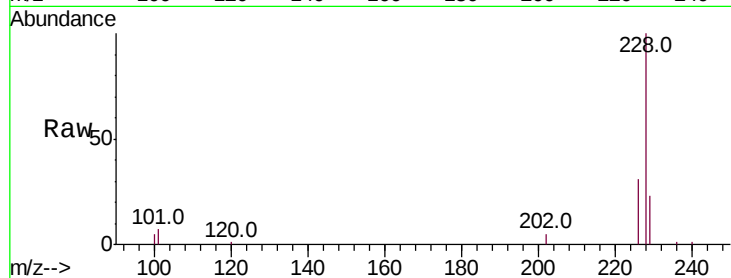
Tot Ion:228 Resp: 190305

Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.0

229 23.4 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 11.262 ng/ul

RT: 22.70 min Scan# 3757

Delta R.T. 0.18 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

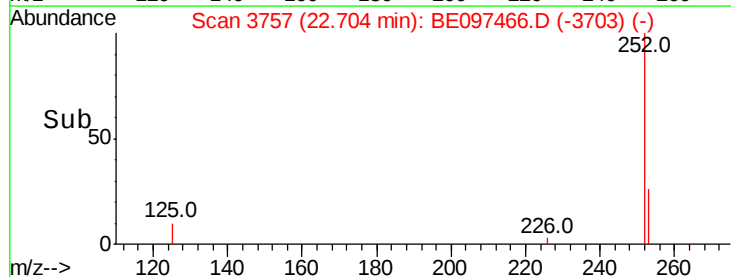
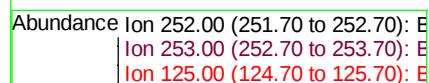
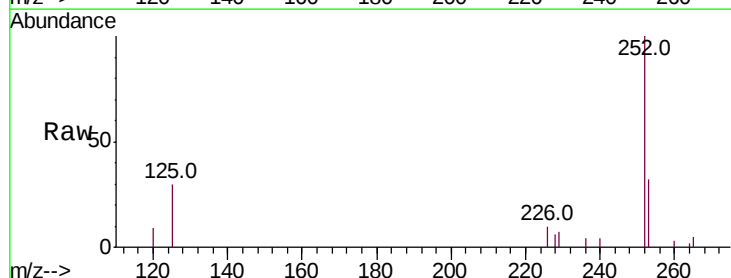
Tgt Ion:252 Resp: 33235

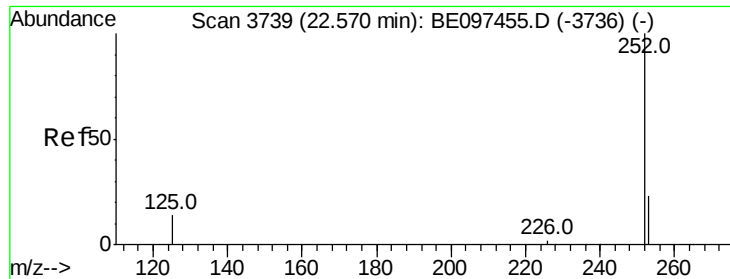
Ion Ratio Lower Upper

252 100

253 32.3 0.0 64.2

125 30.3 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 10.088 ng/ul

RT: 22.70 min Scan# 3757

Delta R.T. 0.13 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

ClientSampleId :

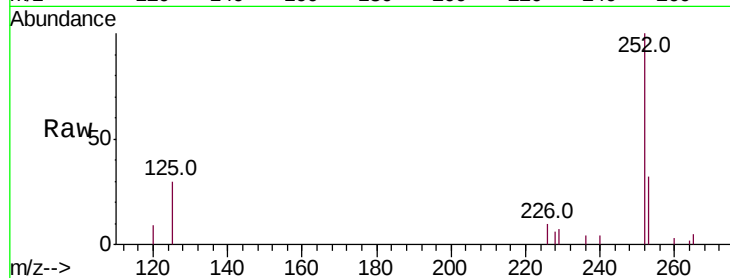
Tot Ion:252 Resp: 33198

Ion Ratio Lower Upper

252 100

253 32.3 24.5 36.7

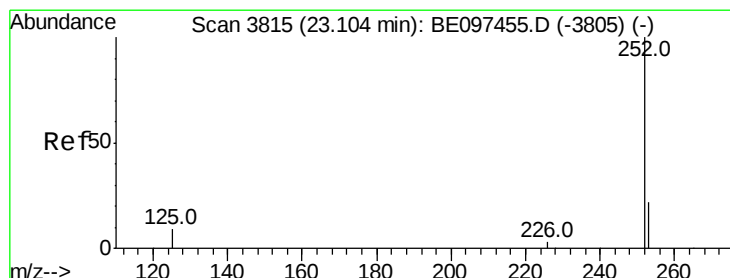
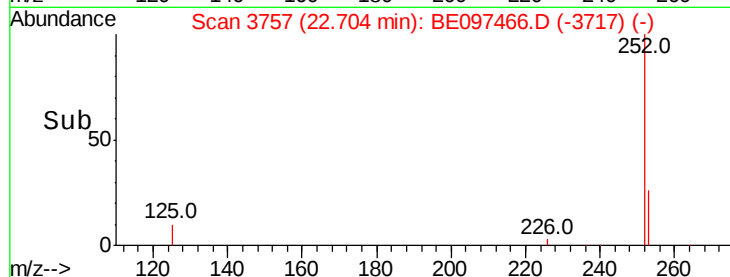
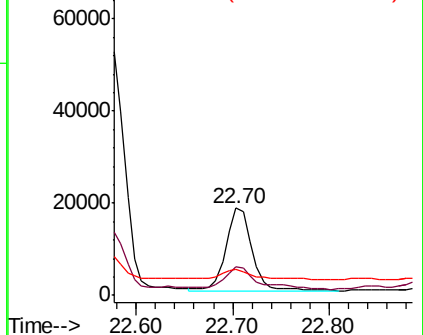
125 30.3 13.7 20.5#



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



#23

Benzo(a)pyrene

Concen: 13.905 ng/ul

RT: 23.25 min Scan# 3835

Delta R.T. 0.15 min

Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

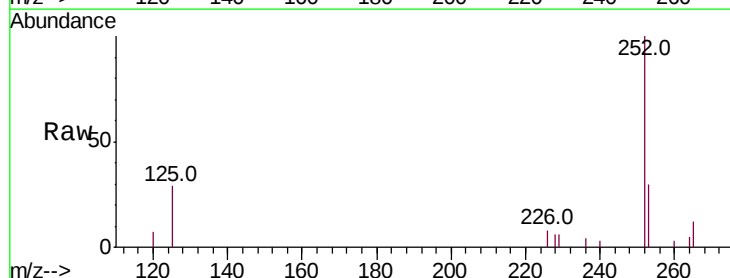
Tgt Ion:252 Resp: 37963

Ion Ratio Lower Upper

252 100

253 29.6 28.5 42.7

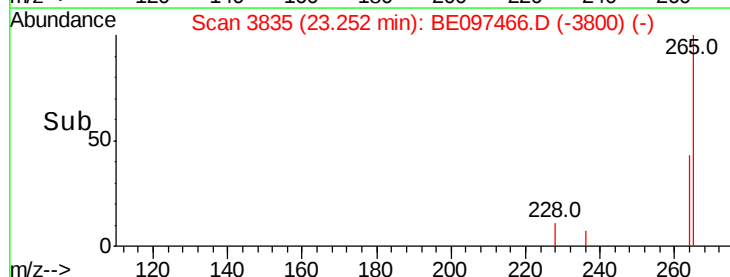
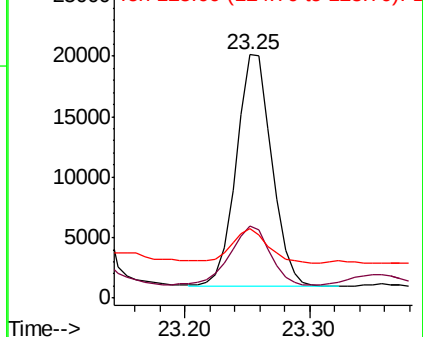
125 28.5 18.1 27.1#

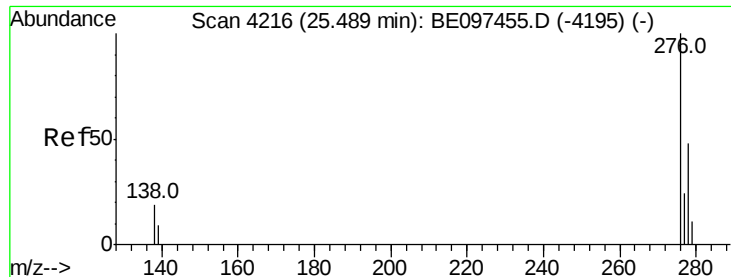


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



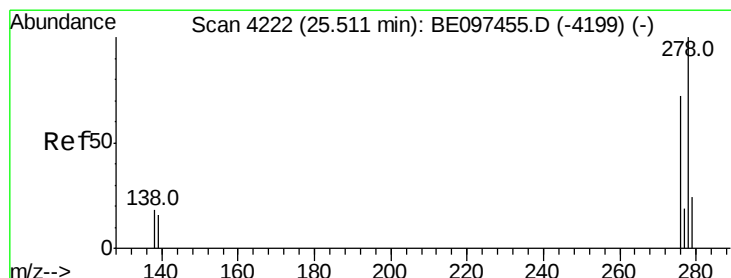
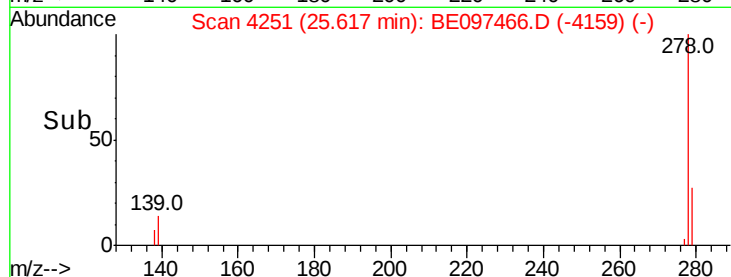
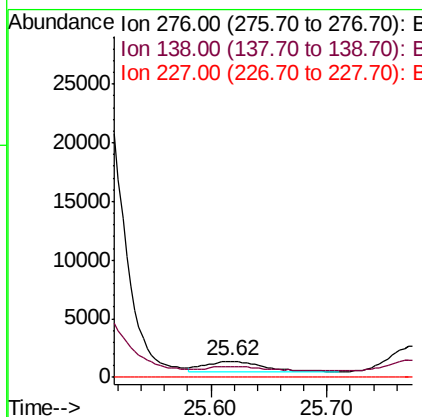
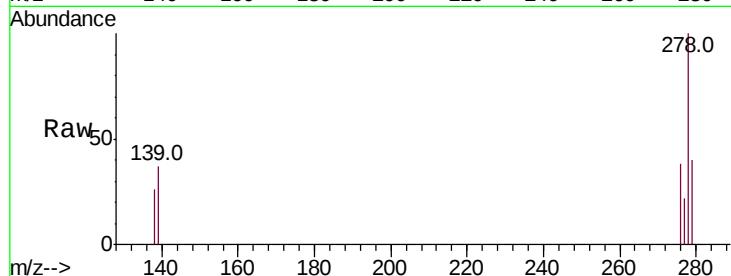


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.815 ng/ul
RT: 25.62 min Scan# 4251
Delta R.T. 0.13 min
Lab File: BE097466.D
Acq: 13 Sep 2018 00:35

Instrument :
BNA_E
ClientSampleId :

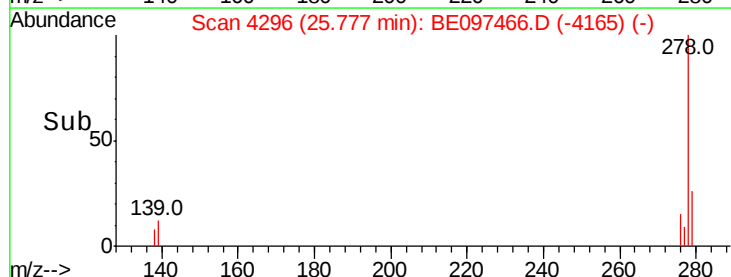
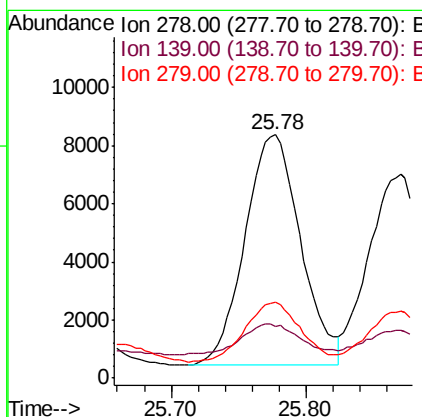
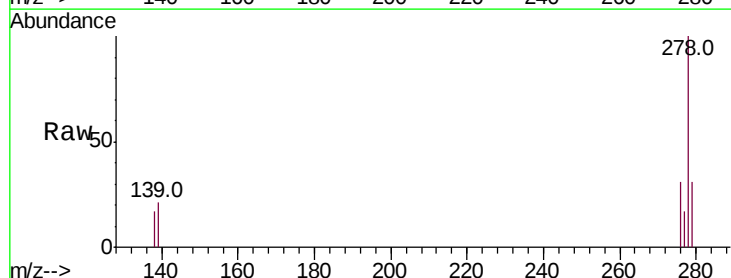
Tot Ion:276 Resp: 2883
Ion Ratio Lower Upper
276 100
138 46.7 28.0 42.0#
227 0.0 8.0 12.0#

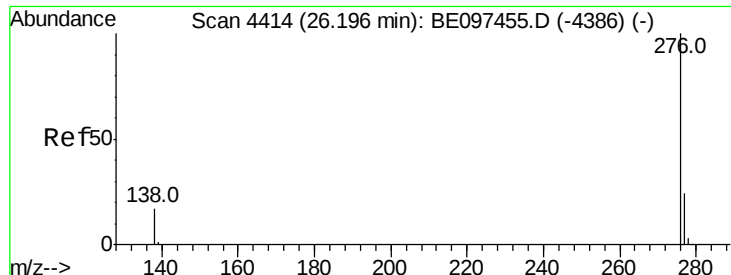


#25

Dibenzo(a,h)anthracene
Concen: 7.577 ng/ul
RT: 25.78 min Scan# 4296
Delta R.T. 0.27 min
Lab File: BE097466.D
Acq: 13 Sep 2018 00:35

Tgt Ion:278 Resp: 22717
Ion Ratio Lower Upper
278 100
139 21.4 17.4 26.0
279 31.2 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 26.793 ng/ul

RT: 26.20 min Scan# 4415

Delta R.T. 0.01 min

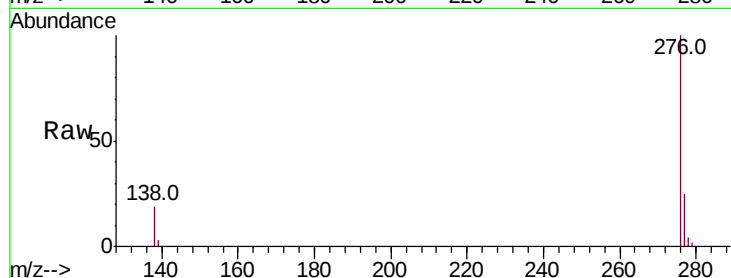
Lab File: BE097466.D

Acq: 13 Sep 2018 00:35

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	80830
Ion	Ratio	Lower	Upper
276	100		
138	19.5	21.8	32.8#
277	24.8	20.5	30.7

