

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 07:49:09 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 07:48:38 2018
 Response via : Initial Calibration

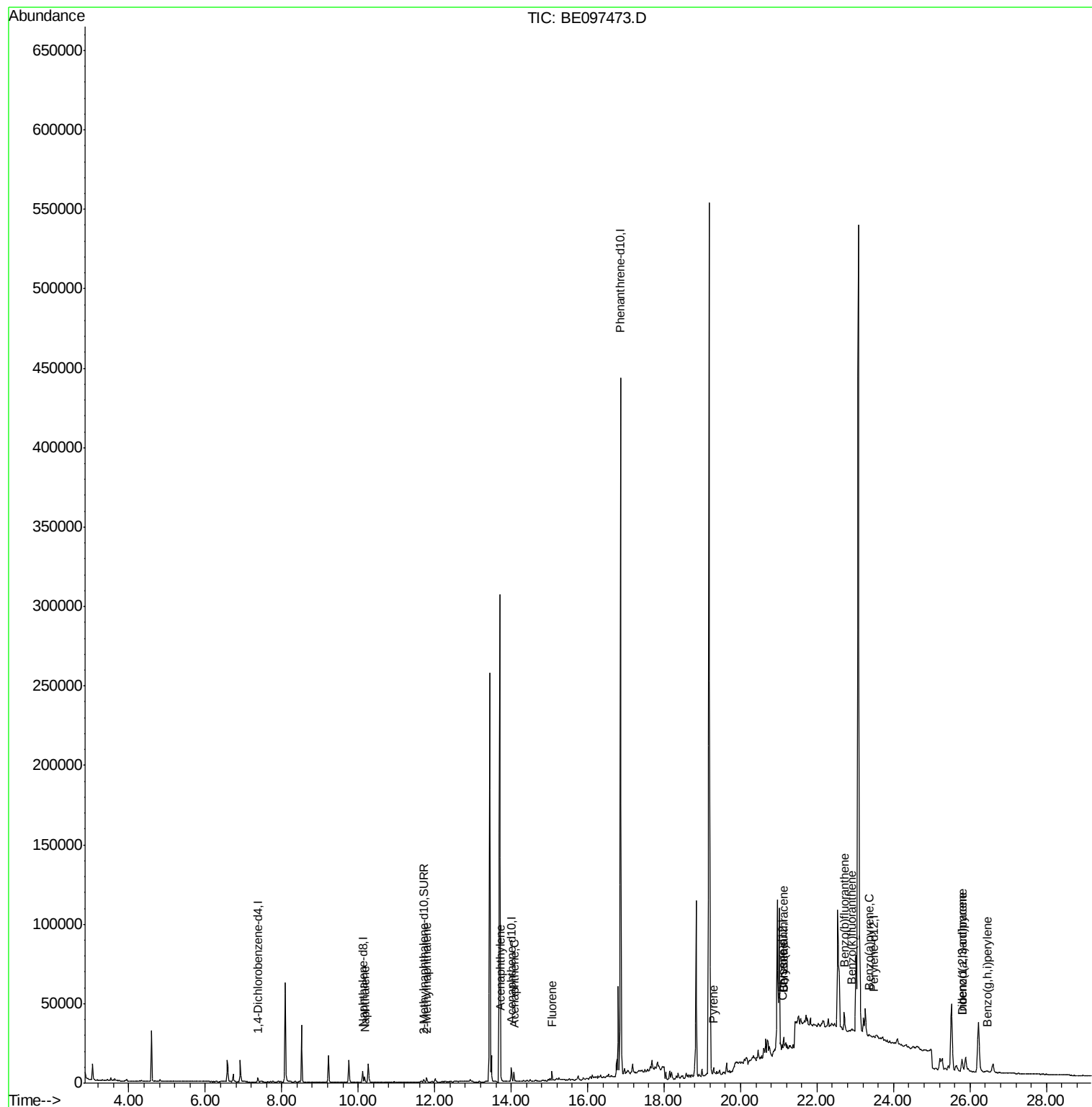
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1182	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6755	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4819	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	499064	0.40	ng/ul	0.10
16) Chrysene-d12	21.10	240	206	0.40	ng/ul	0.13
20) Perylene-d12	23.49	264	666	0.40	ng/ul	0.29
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2500	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	713	0.00	ng/ul	0.11
Target Compounds						
					Ovalue	
3) Naphthalene	10.17	128	4935	0.300	ng/ul#	94
5) 2-Methylnaphthalene	11.79	142	2469	0.237	ng/ul	96
7) Acenaphthylene	13.73	152	5988	0.341	ng/ul	98
8) Acenaphthene	14.07	153	3452	0.229	ng/ul	96
9) Fluorene	15.07	166	3405	0.197	ng/ul	92
17) Pyrene	19.29	202	4116	7.425	ng/ul#	70
18) Benzo(a)anthracene	21.13	228	7404	13.991	ng/ul#	1
19) Chrysene	21.13	228	7404	12.144	ng/ul#	1
21) Benzo(b)fluoranthene	22.71	252	15919	8.925	ng/ul#	9
22) Benzo(k)fluoranthene	22.91	252	2662	1.338	ng/ul#	1
23) Benzo(a)pyrene	23.37	252	1383	0.838	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.80	276	3244	1.517	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.80	278	11918	6.577	ng/ul#	55
26) Benzo(g,h,i)perylene	26.46	276	1278	0.701	ng/ul#	1

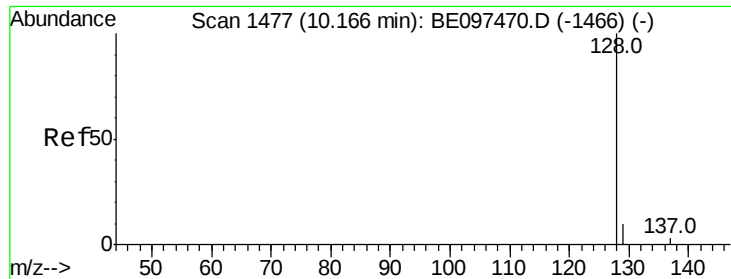
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.300 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Instrument :

BNA_E

ClientSampleId :

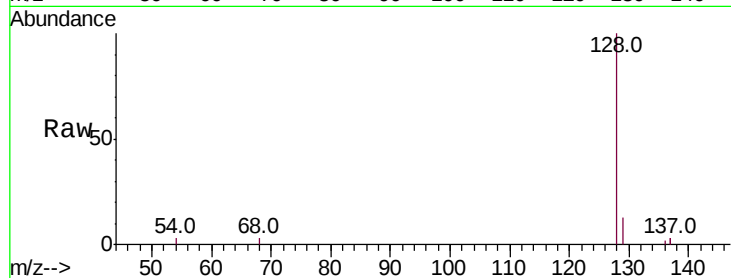
Tot Ion:128 Resp: 4935

Ion Ratio Lower Upper

128 100

129 12.8 11.3 16.9

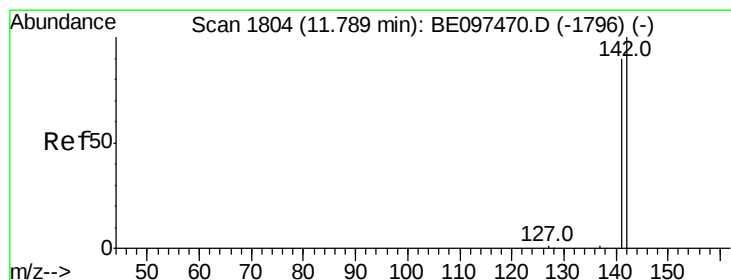
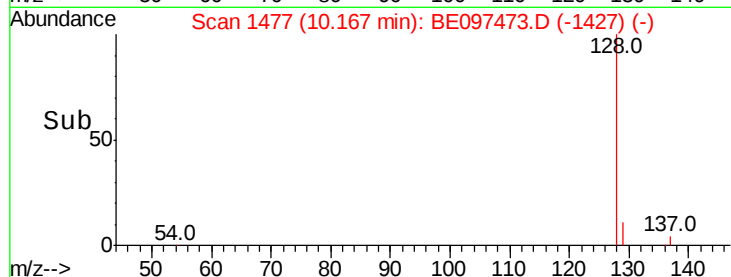
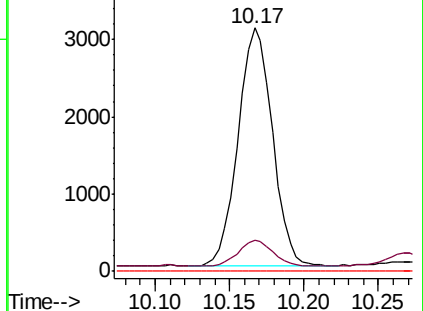
127 0.0 4.0 6.0#



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: 0.237 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BE097473.D

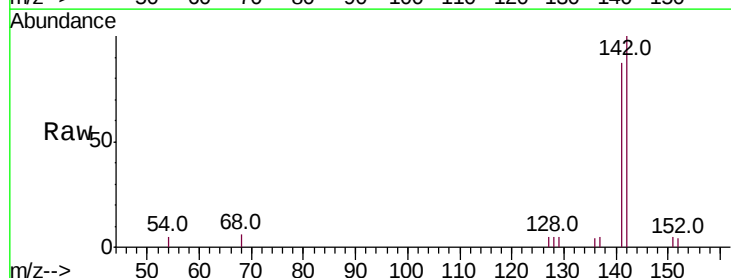
Acq: 13 Sep 2018 4:54

Tgt Ion:142 Resp: 2469

Ion Ratio Lower Upper

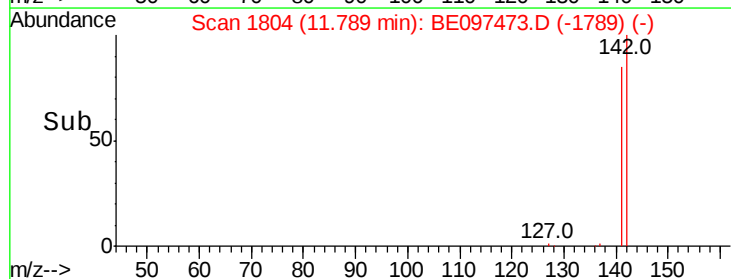
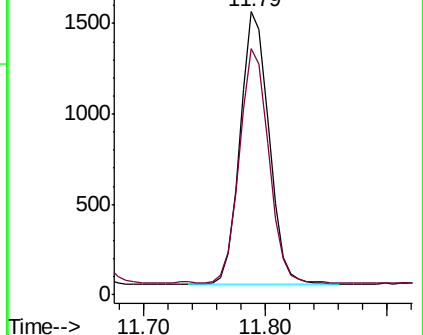
142 100

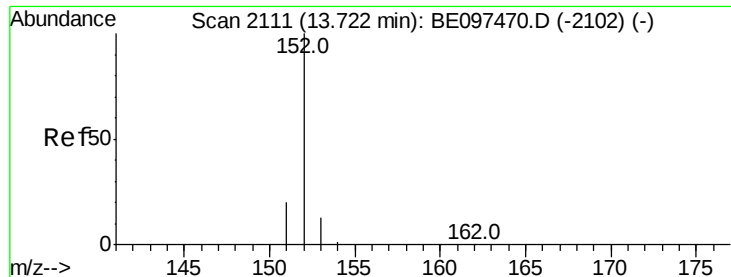
141 86.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.341 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Instrument :

BNA_E

ClientSampleId :

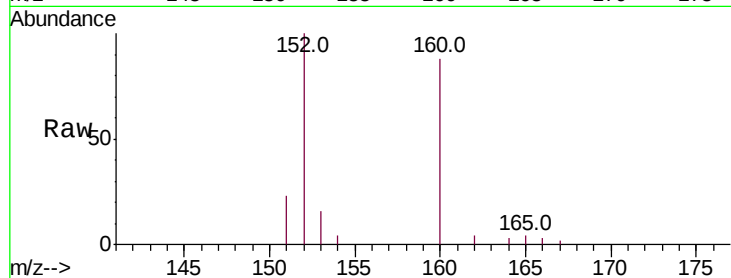
Tot Ion:152 Resp: 5988

Ion Ratio Lower Upper

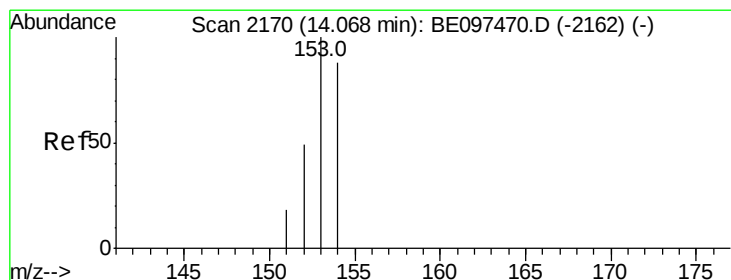
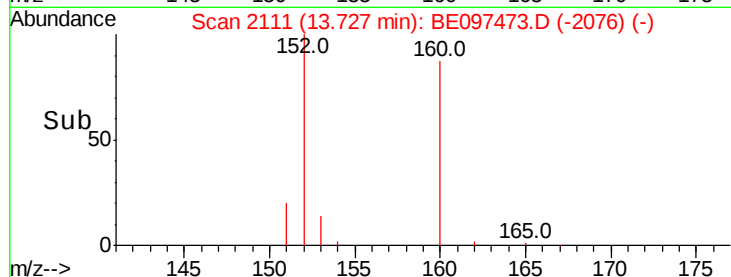
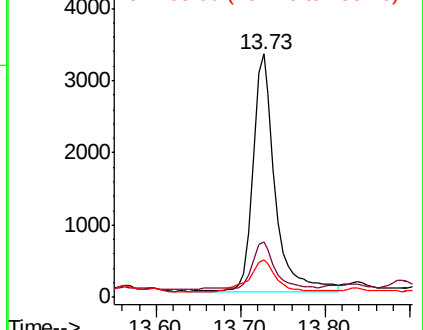
152 100

151 22.8 17.1 25.7

153 15.6 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: 0.229 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

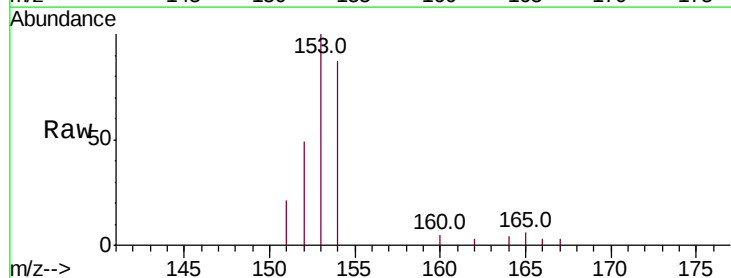
Tgt Ion:153 Resp: 3452

Ion Ratio Lower Upper

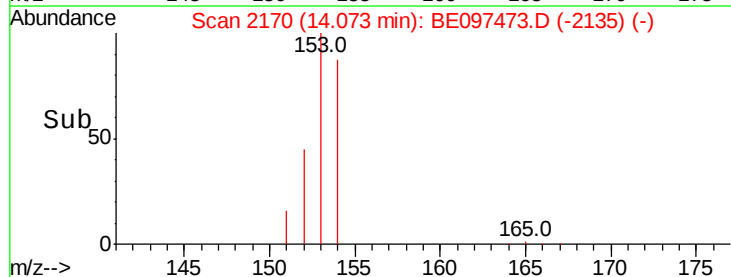
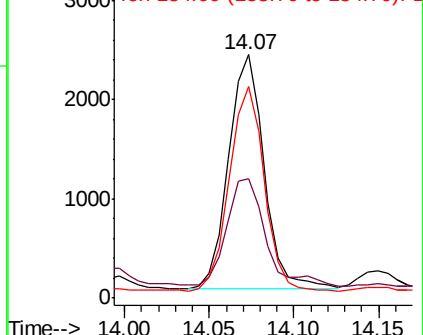
153 100

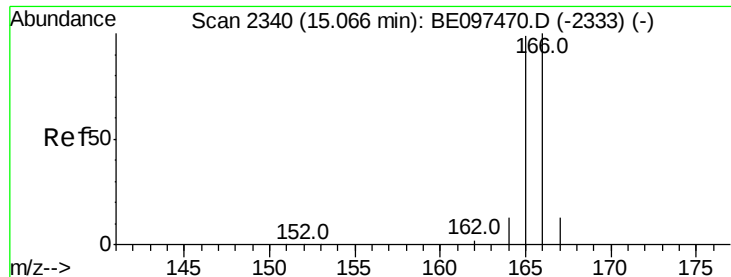
152 49.0 36.0 54.0

154 87.1 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

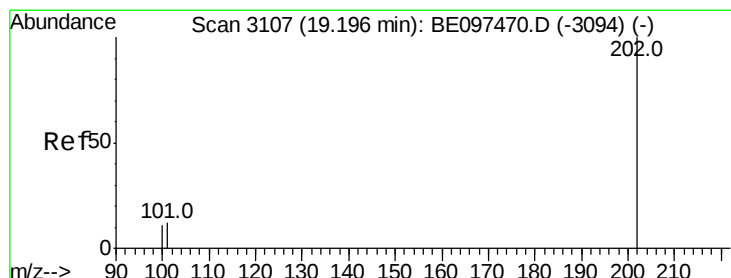
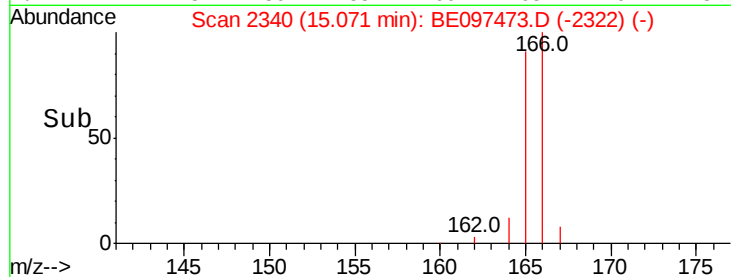
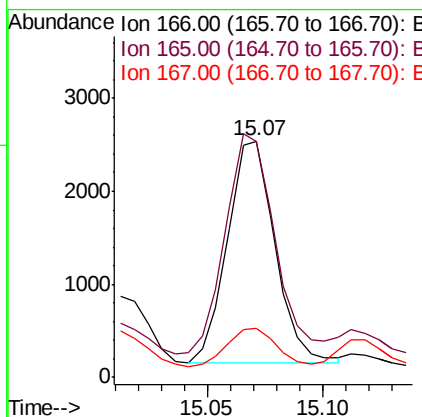
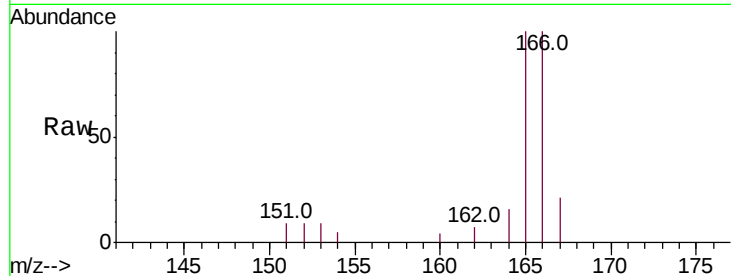




#9
Fluorene
 Concen: 0.197 ng/ul
 RT: 15.07 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: BE097473.D
 Acq: 13 Sep 2018 4:54

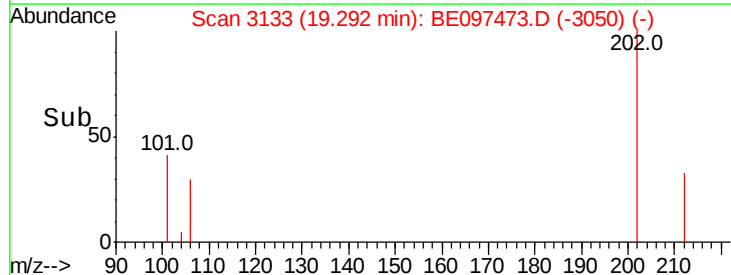
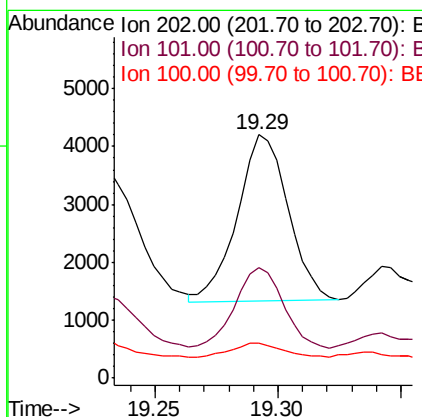
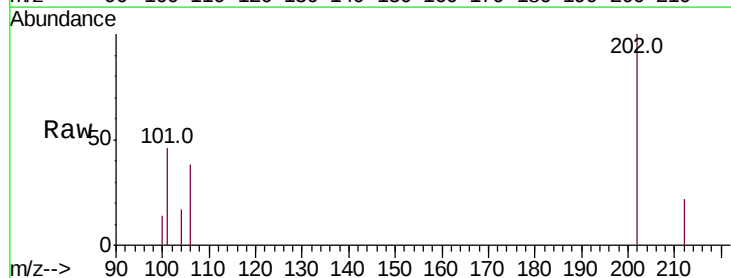
Instrument :
 BNA_E
 ClientSampleId :

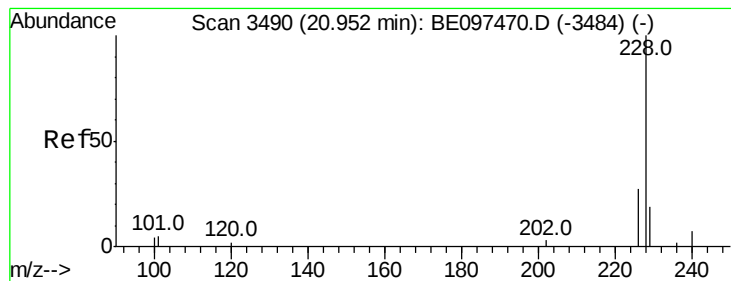
Tot Ion:166 Resp: 3405
 Ion Ratio Lower Upper
 166 100
 165 99.9 73.4 110.2
 167 21.0 14.6 22.0



#17
Pyrene
 Concen: 7.425 ng/ul
 RT: 19.29 min Scan# 3133
 Delta R.T. 0.10 min
 Lab File: BE097473.D
 Acq: 13 Sep 2018 4:54

Tgt Ion:202 Resp: 4116
 Ion Ratio Lower Upper
 202 100
 101 45.5 18.2 27.4#
 100 14.4 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 13.991 ng/ul

RT: 21.13 min Scan# 3522

Delta R.T. 0.18 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Instrument :

BNA_E

ClientSampleId :

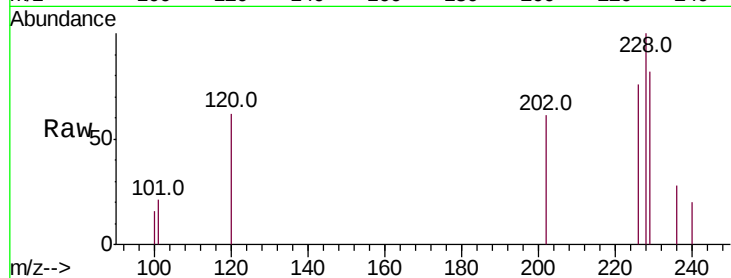
Tot Ion:228 Resp: 7404

Ion Ratio Lower Upper

228 100

229 82.0 22.8 34.2#

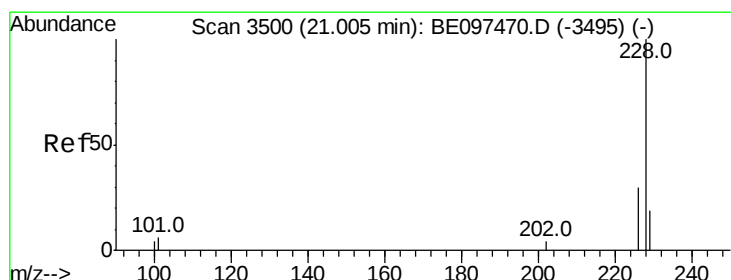
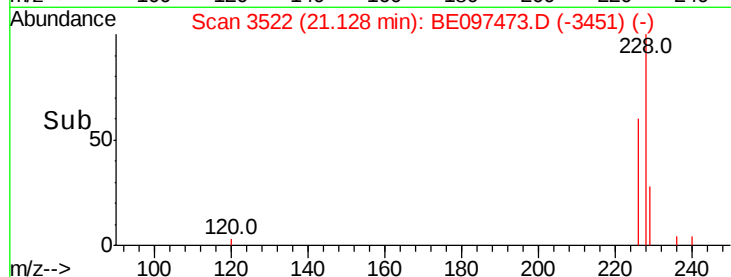
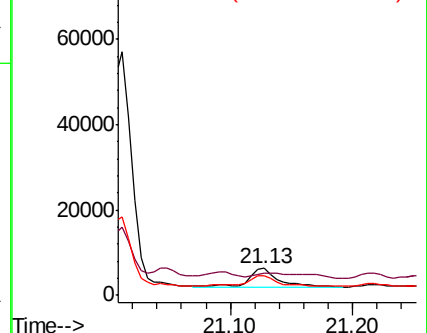
226 75.5 17.0 25.6#



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: 12.144 ng/ul

RT: 21.13 min Scan# 3522

Delta R.T. 0.12 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

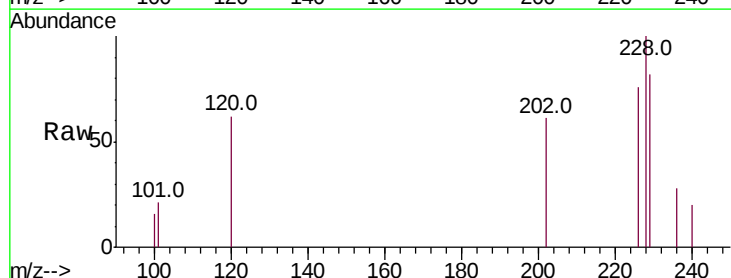
Tgt Ion:228 Resp: 7404

Ion Ratio Lower Upper

228 100

226 75.5 23.4 35.0#

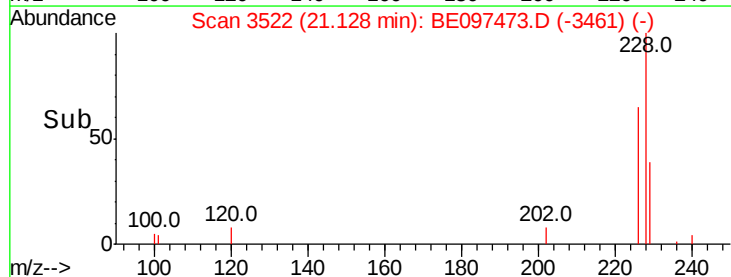
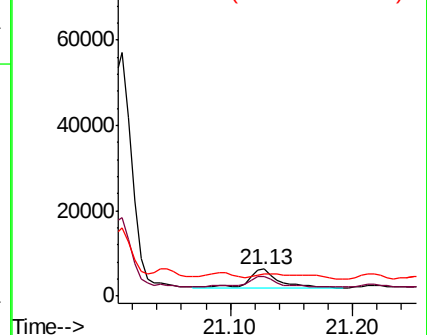
229 82.0 17.7 26.5#

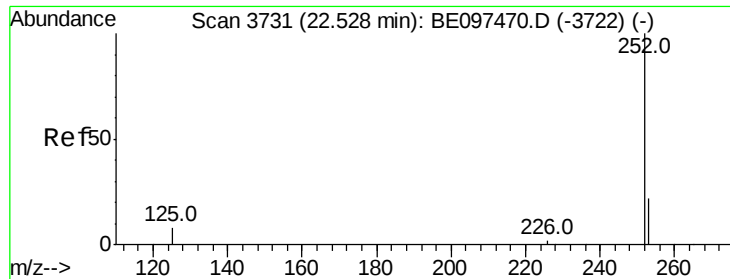


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 8.925 ng/ul

RT: 22.71 min Scan# 3756

Delta R.T. 0.18 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Instrument :

BNA_E

ClientSampleId :

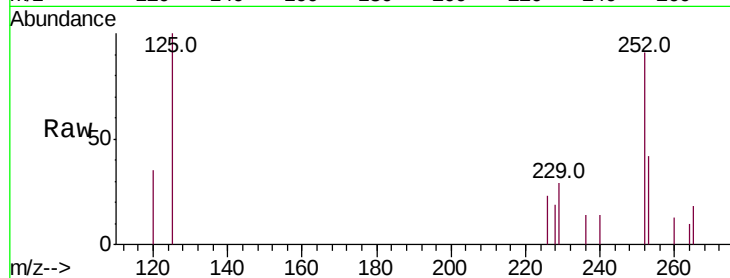
Tot Ion:252 Resp: 15919

Ion Ratio Lower Upper

252 100

253 45.8 0.0 64.2

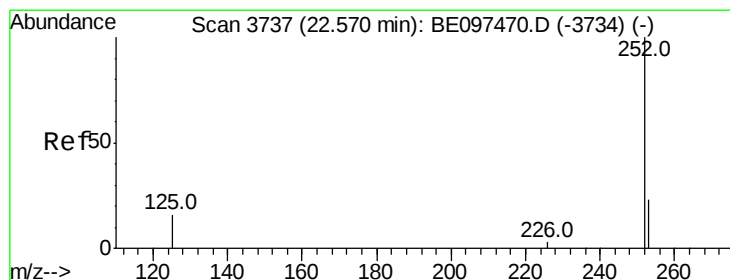
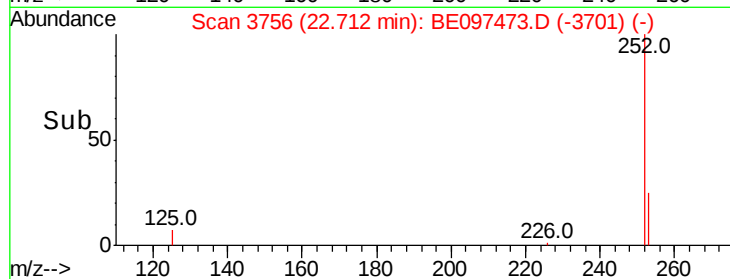
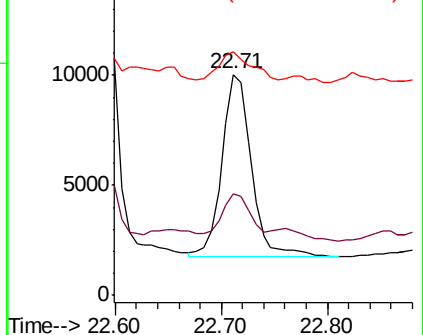
125 110.3 0.0 35.0#



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: 1.338 ng/ul

RT: 22.91 min Scan# 3784

Delta R.T. 0.34 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

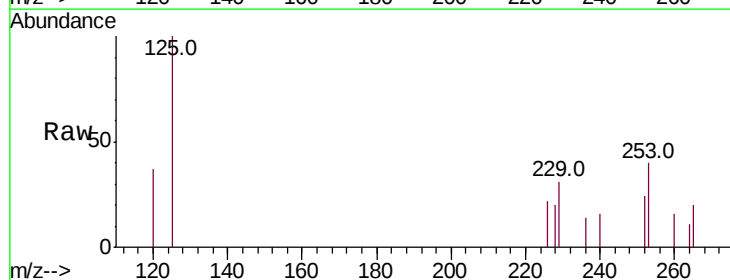
Tgt Ion:252 Resp: 2662

Ion Ratio Lower Upper

252 100

253 169.9 24.5 36.7#

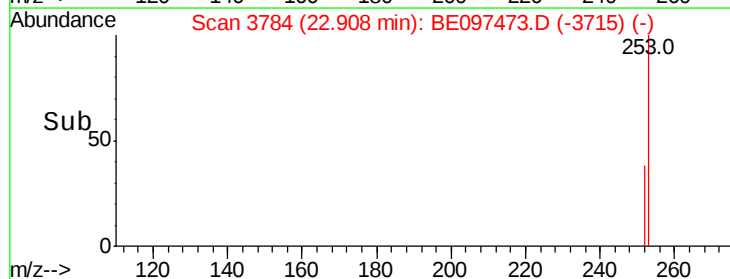
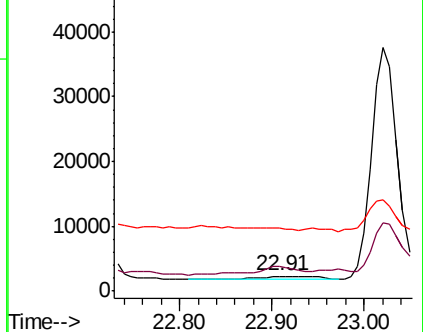
125 424.7 13.7 20.5#

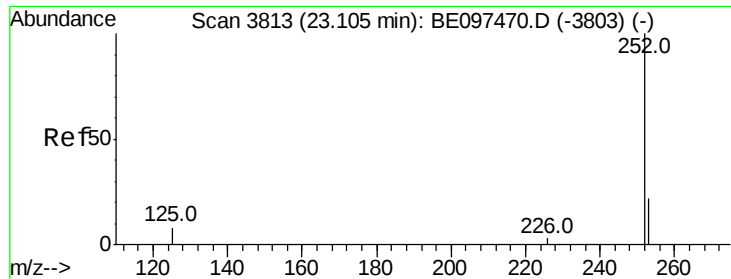


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.838 ng/ul

RT: 23.37 min Scan# 3849

Delta R.T. 0.26 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Instrument :

BNA_E

ClientSampleId :

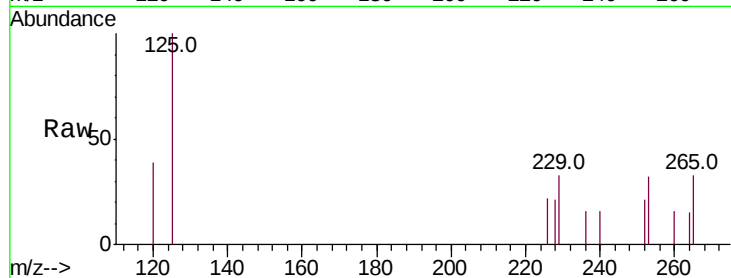
Tot Ion:252 Resp: 1383

Ion Ratio Lower Upper

252 100

253 150.6 28.5 42.7#

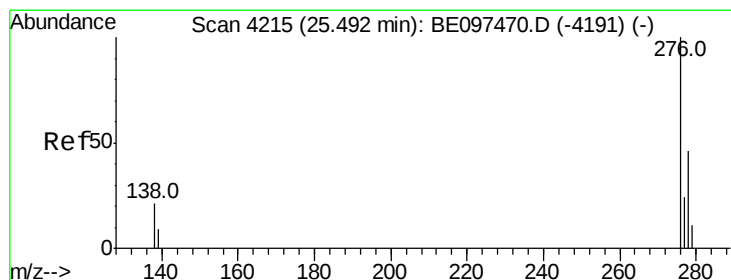
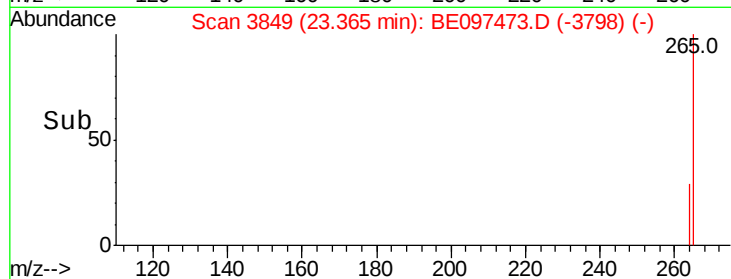
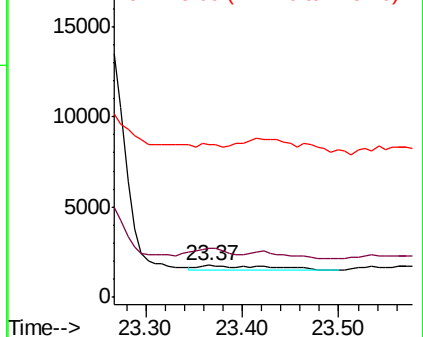
125 472.2 18.1 27.1#



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: 1.517 ng/ul

RT: 25.80 min Scan# 4299

Delta R.T. 0.30 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

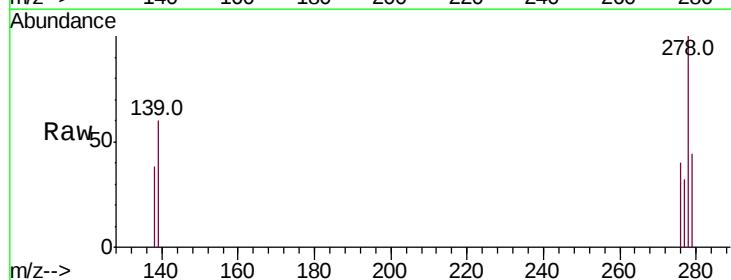
Tgt Ion:276 Resp: 3244

Ion Ratio Lower Upper

276 100

138 36.3 28.0 42.0

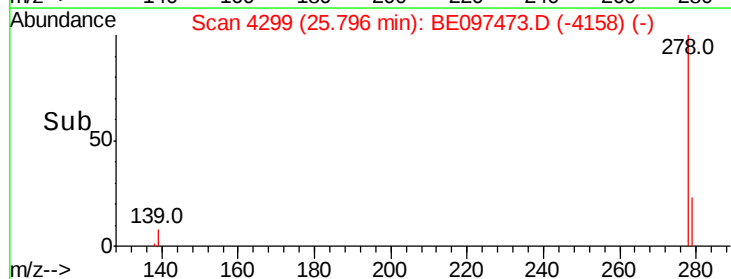
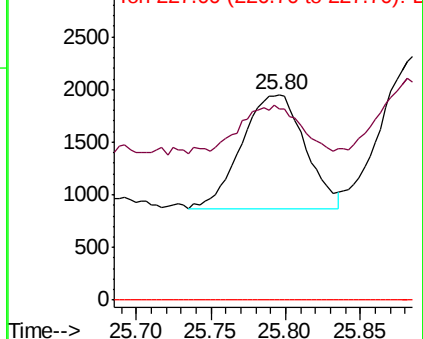
227 0.0 8.0 12.0#

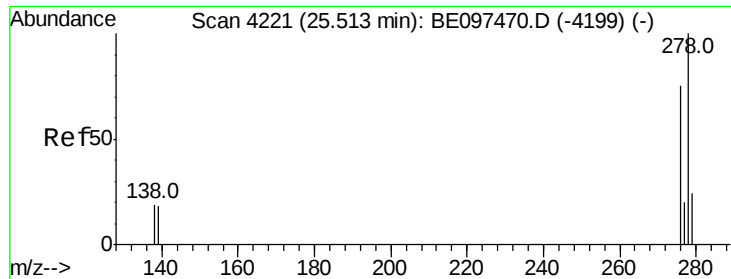


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

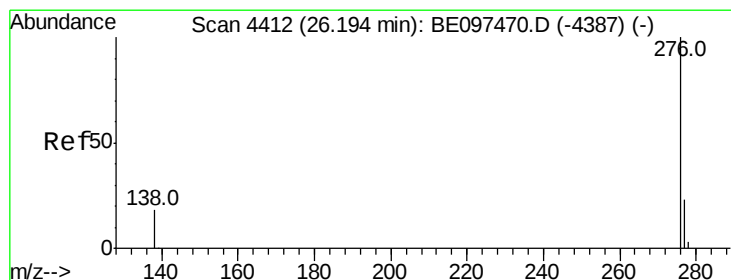
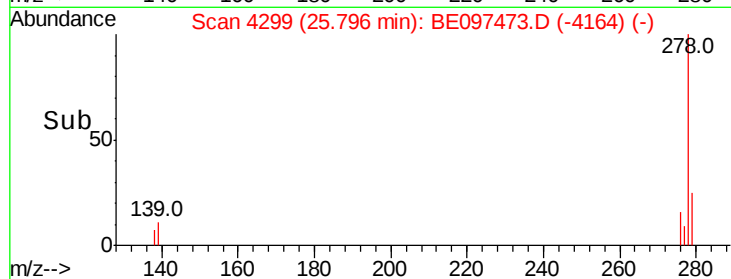
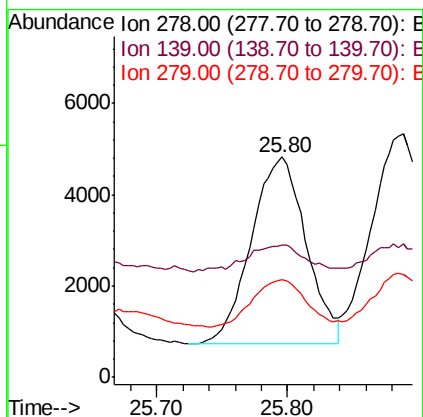
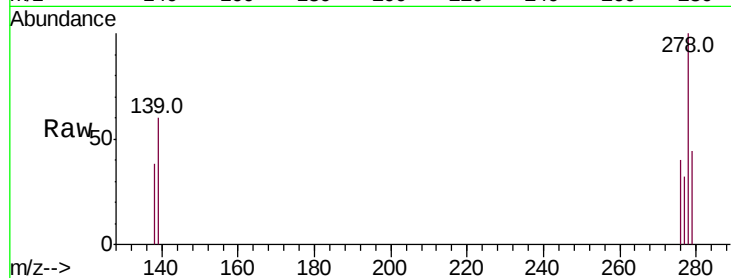




#25
Dibenzo(a,h)anthracene
Concen: 6.577 ng/ul
RT: 25.80 min Scan# 4299
Delta R.T. 0.28 min
Lab File: BE097473.D
Acq: 13 Sep 2018 4:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 11918
Ion Ratio Lower Upper
278 100
139 59.9 17.4 26.0#
279 44.2 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.701 ng/ul
RT: 26.46 min Scan# 4485
Delta R.T. 0.27 min
Lab File: BE097473.D
Acq: 13 Sep 2018 4:54

Tgt Ion:276 Resp: 1278
Ion Ratio Lower Upper
276 100
138 106.3 21.8 32.8#
277 97.9 20.5 30.7#

