

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097475.D
 Acq On : 13 Sep 2018 6:09
 Operator : SJ/JU
 Sample : J4792-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 07:49:27 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

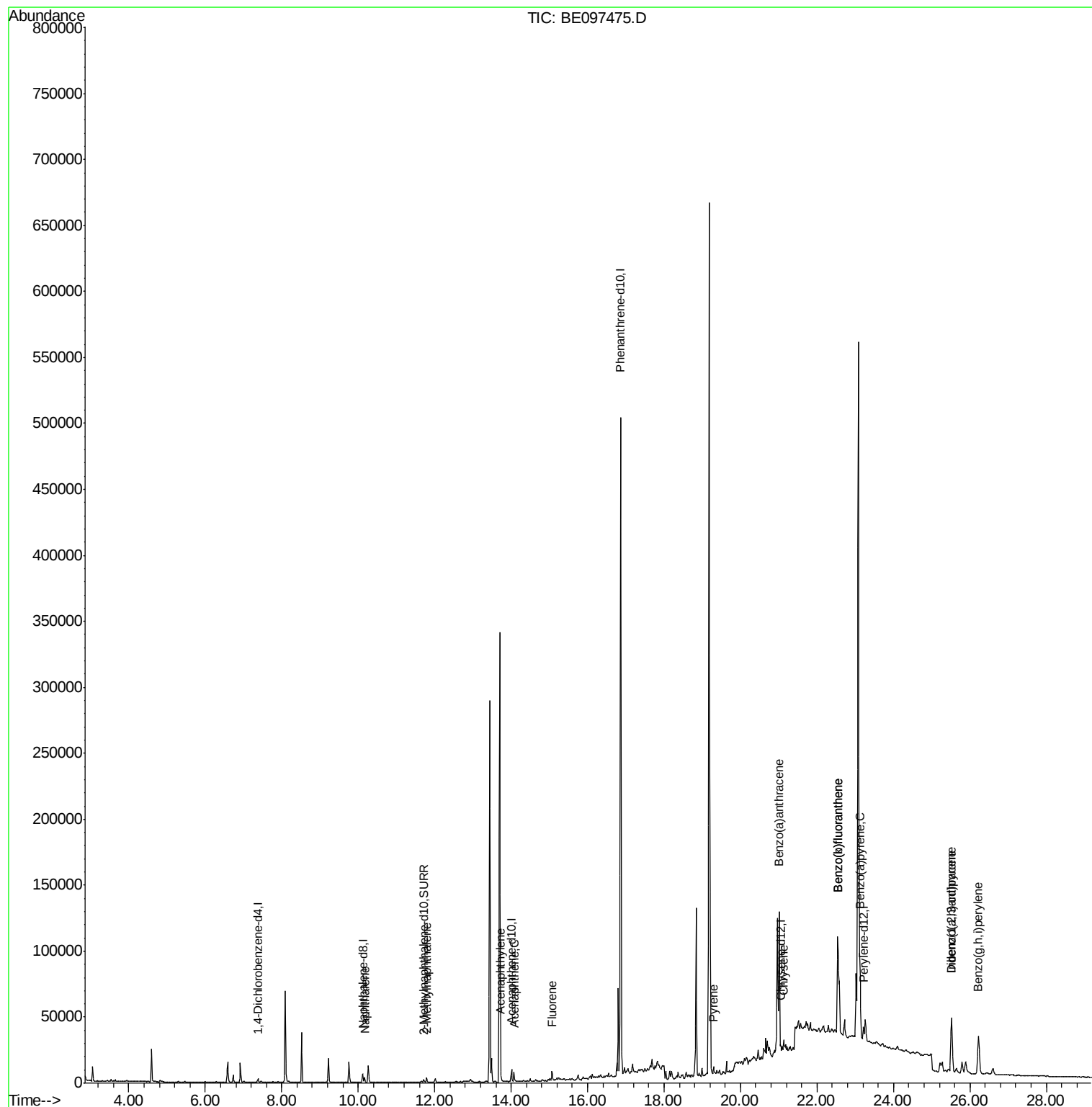
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1137	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6617	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4931	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	568534	0.40	ng/ul	0.10
16) Chrysene-d12	21.05	240	297	0.40	ng/ul	0.08
20) Perylene-d12	23.22	264	13075	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2759	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	1022	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	5559	0.345	ng/ul#	93
5) 2-Methylnaphthalene	11.79	142	2950	0.289	ng/ul	97
7) Acenaphthylene	13.73	152	6300	0.351	ng/ul	97
8) Acenaphthene	14.07	153	4291	0.278	ng/ul	96
9) Fluorene	15.07	166	4398	0.249	ng/ul	89
17) Pyrene	19.30	202	5434	6.799	ng/ul#	70
18) Benzo(a)anthracene	21.01	228	99674	130.644	ng/ul#	89
19) Chrysene	21.13	228	7485	8.515	ng/ul#	1
21) Benzo(b)fluoranthene	22.54	252	164473	4.697	ng/ul	86
22) Benzo(k)fluoranthene	22.54	252	164473	4.212	ng/ul#	87
23) Benzo(a)pyrene	23.12	252	78564	2.425	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.52	276	68210	1.625	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.53	278	18722	0.526	ng/ul#	65
26) Benzo(g,h,i)perylene	26.22	276	64489	1.802	ng/ul	94

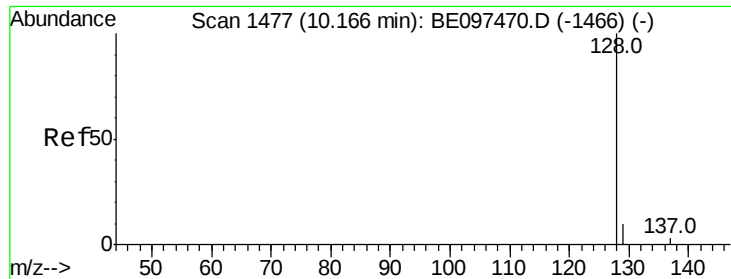
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.345 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

ClientSampleId :

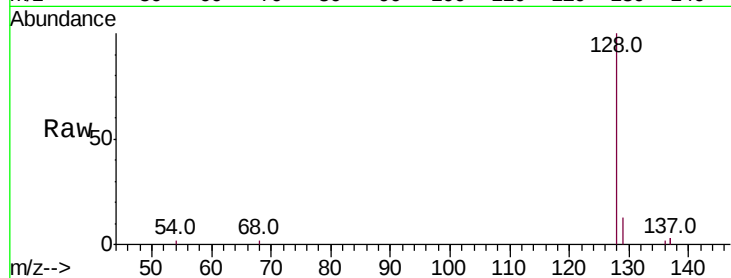
Tot Ion:128 Resp: 5559

Ion Ratio Lower Upper

128 100

129 12.7 11.3 16.9

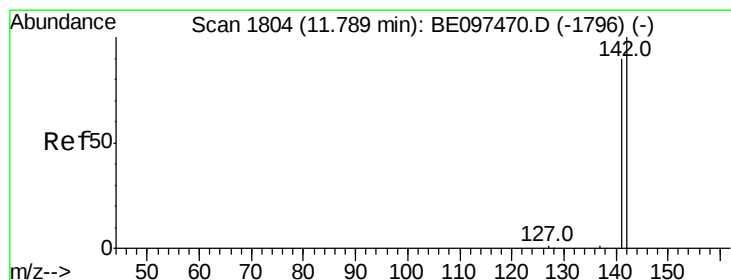
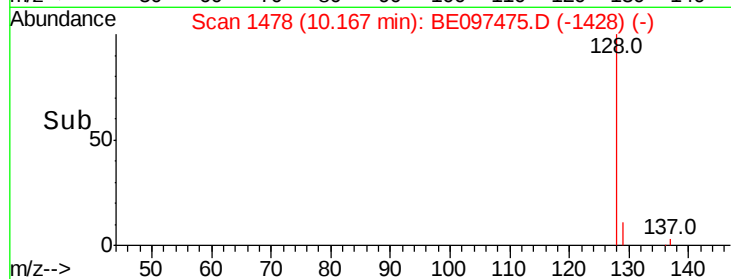
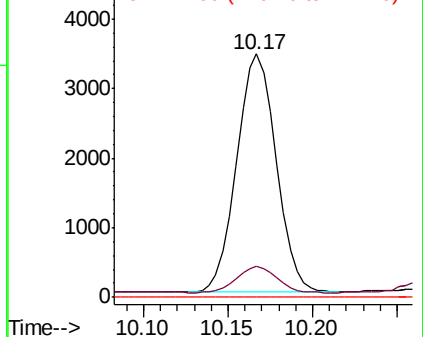
127 0.0 4.0 6.0#



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: 0.289 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BE097475.D

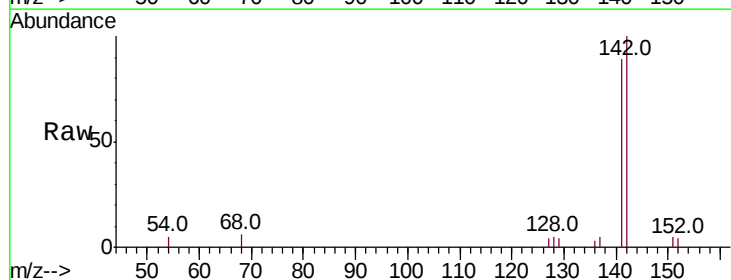
Acq: 13 Sep 2018 6:09

Tgt Ion:142 Resp: 2950

Ion Ratio Lower Upper

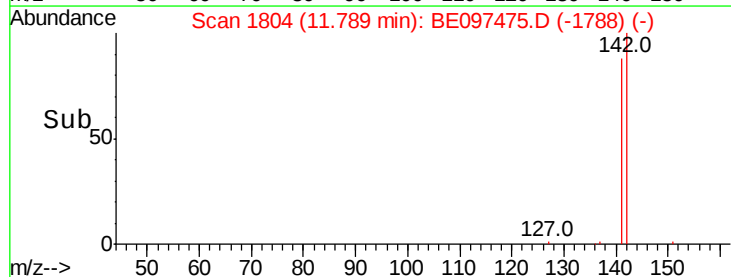
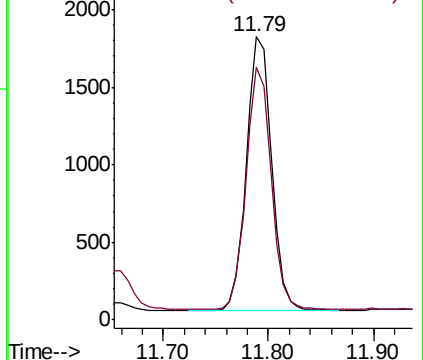
142 100

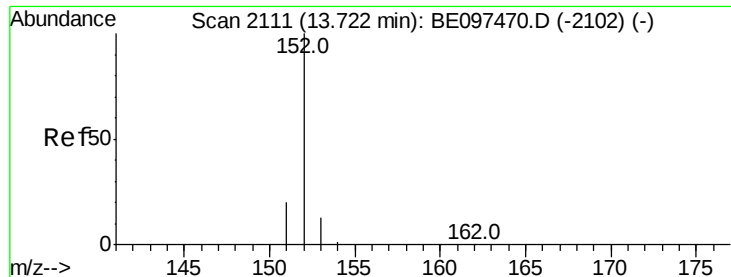
141 87.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.351 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

ClientSampleId :

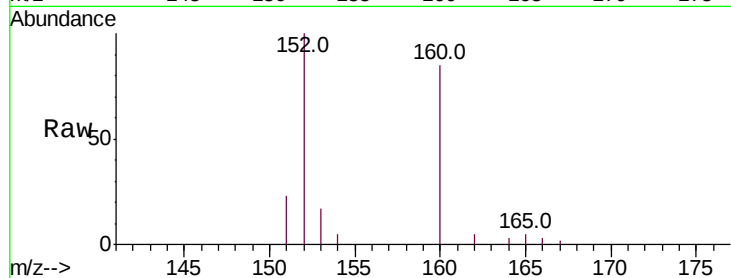
Tot Ion:152 Resp: 6300

Ion Ratio Lower Upper

152 100

151 23.2 17.1 25.7

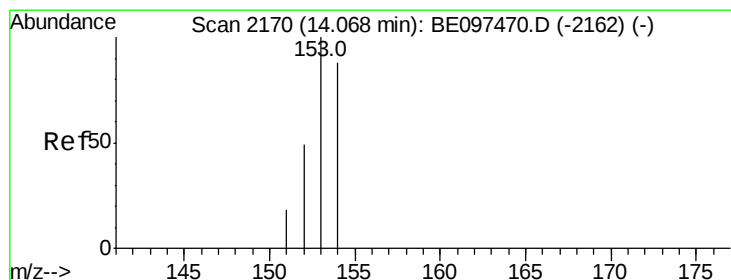
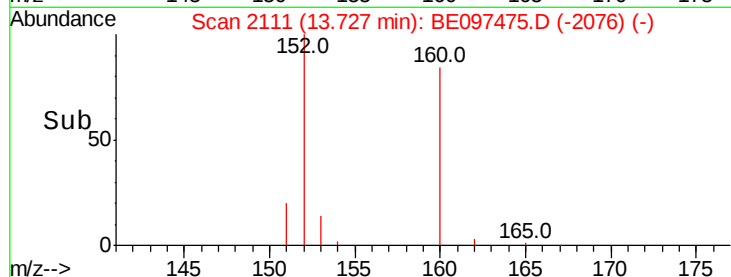
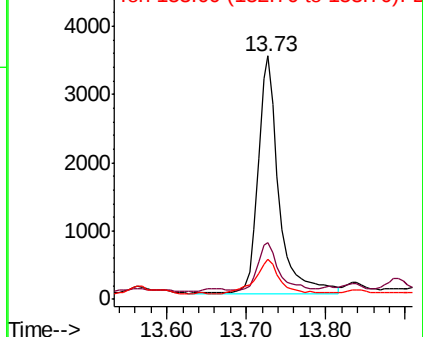
153 16.6 12.8 19.2



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: 0.278 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

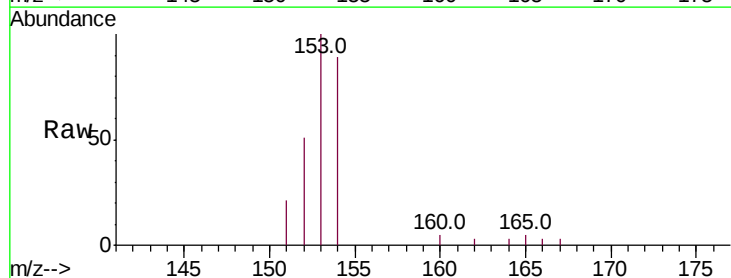
Tgt Ion:153 Resp: 4291

Ion Ratio Lower Upper

153 100

152 50.6 36.0 54.0

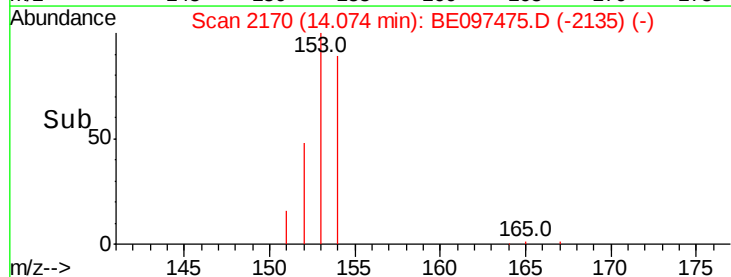
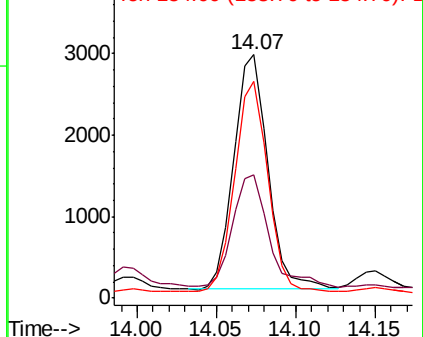
154 88.9 72.0 108.0

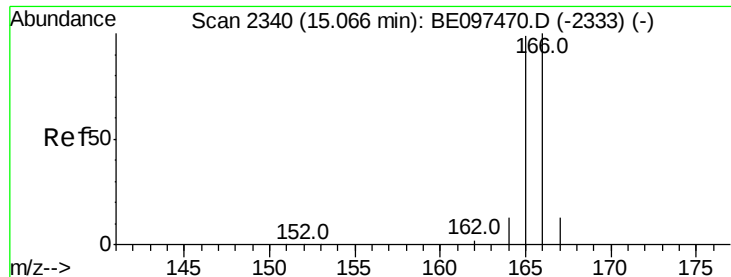


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.249 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

ClientSampleId :

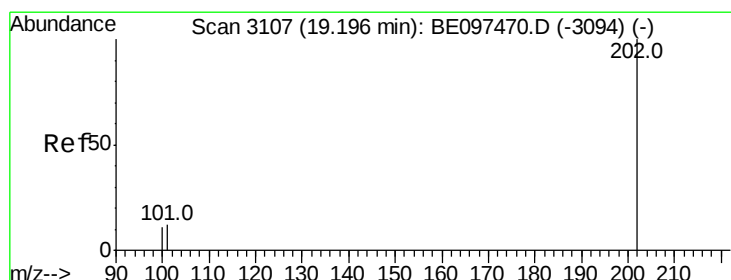
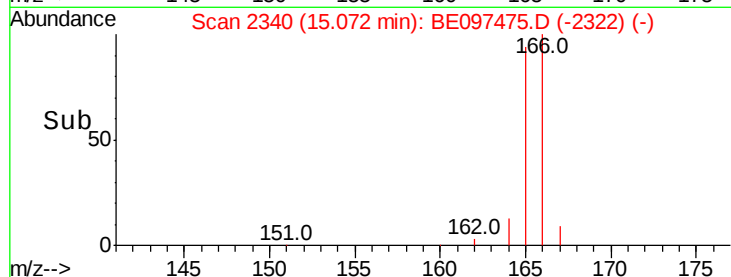
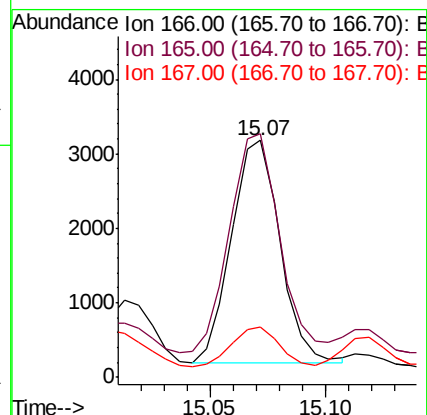
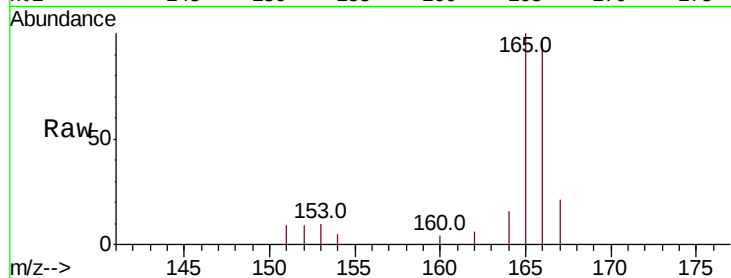
Tot Ion:166 Resp: 4398

Ion Ratio Lower Upper

166 100

165 102.8 73.4 110.2

167 21.2 14.6 22.0



#17

Pyrene

Concen: 6.799 ng/ul

RT: 19.30 min Scan# 3134

Delta R.T. 0.10 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

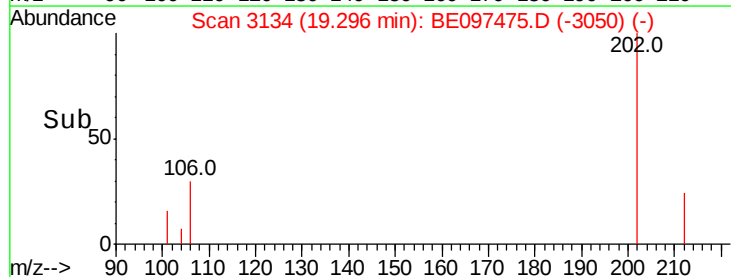
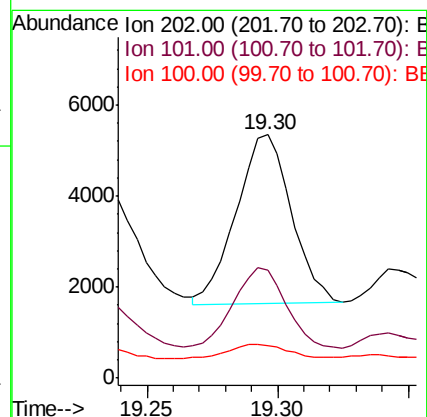
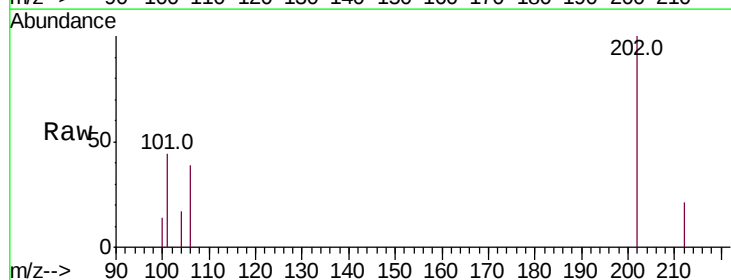
Tgt Ion:202 Resp: 5434

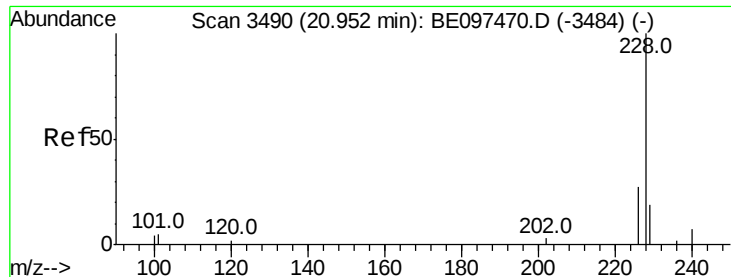
Ion Ratio Lower Upper

202 100

101 44.3 18.2 27.4#

100 13.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 130.644 ng/ul

RT: 21.01 min Scan# 3500

Delta R.T. 0.06 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

ClientSampleId :

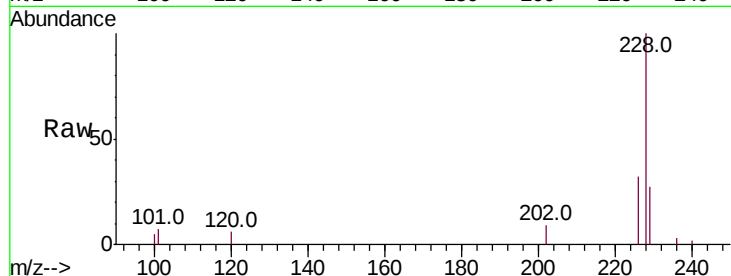
Tot Ion:228 Resp: 99674

Ion Ratio Lower Upper

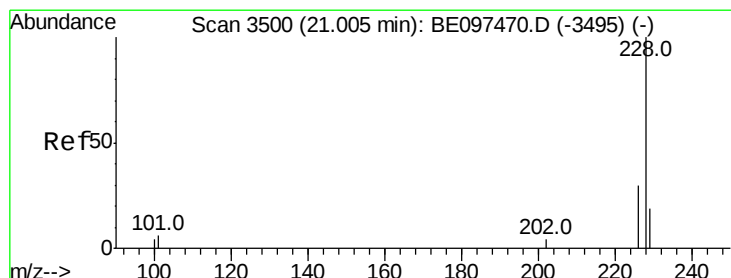
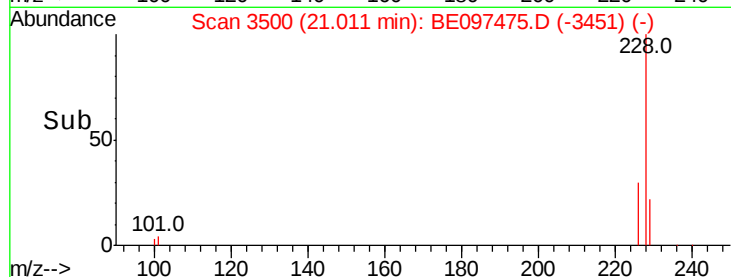
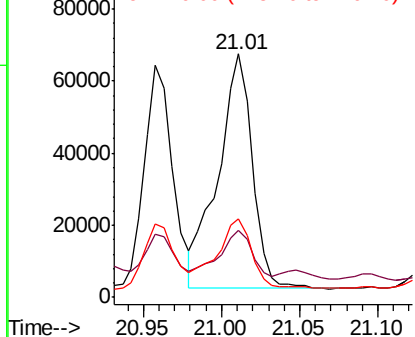
228 100

229 27.4 22.8 34.2

226 32.1 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: 8.515 ng/ul

RT: 21.13 min Scan# 3522

Delta R.T. 0.12 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

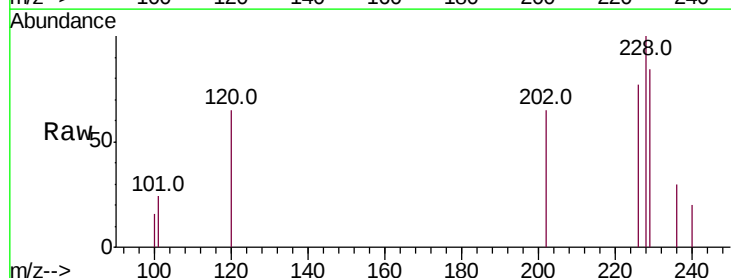
Tgt Ion:228 Resp: 7485

Ion Ratio Lower Upper

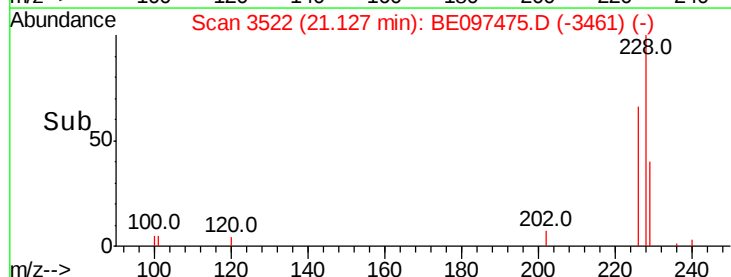
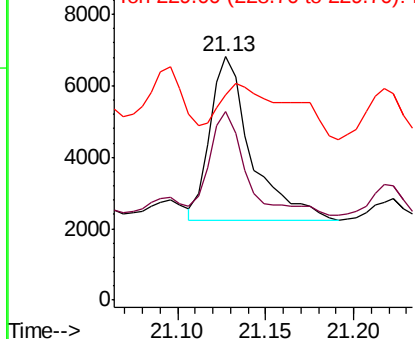
228 100

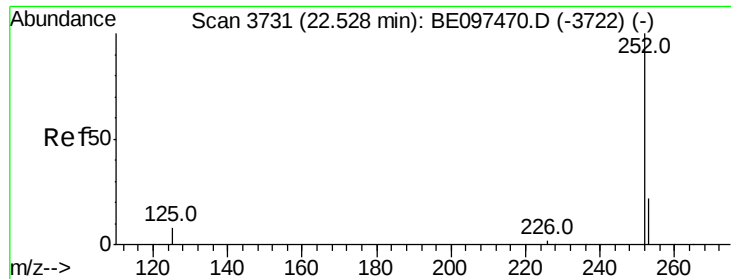
226 77.2 23.4 35.0#

229 84.4 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: 4.697 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

ClientSampleId :

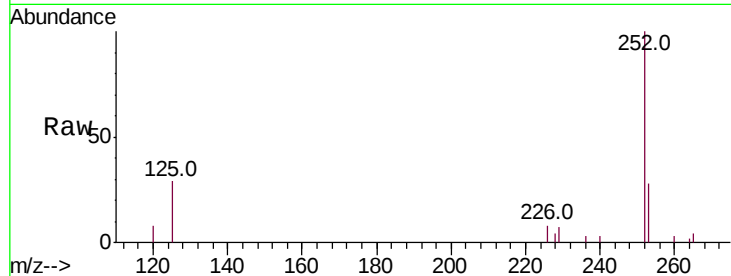
Tot Ion:252 Resp: 164473

Ion Ratio Lower Upper

252 100

253 28.3 0.0 64.2

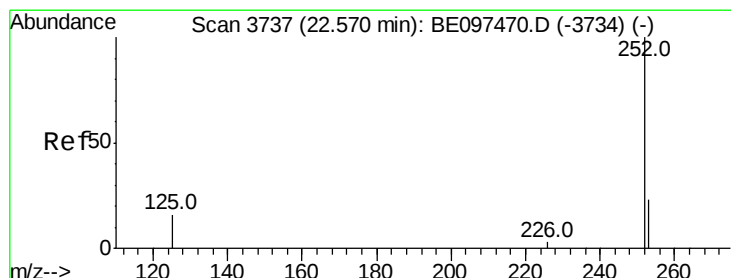
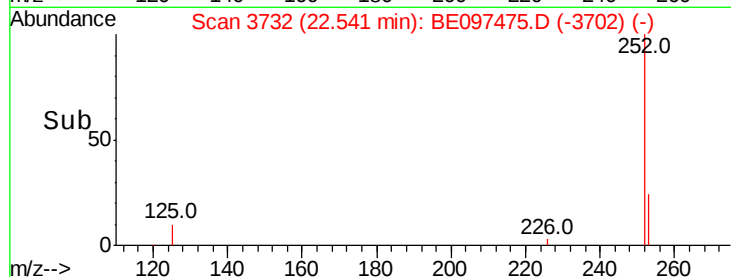
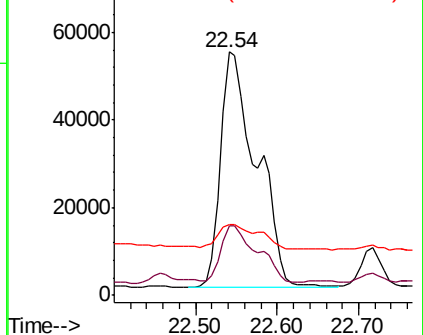
125 29.2 0.0 35.0



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: 4.212 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

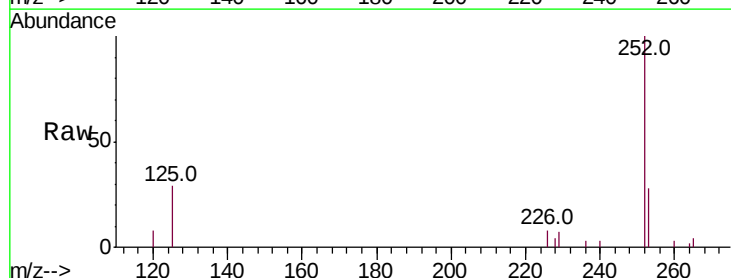
Tgt Ion:252 Resp: 164473

Ion Ratio Lower Upper

252 100

253 28.3 24.5 36.7

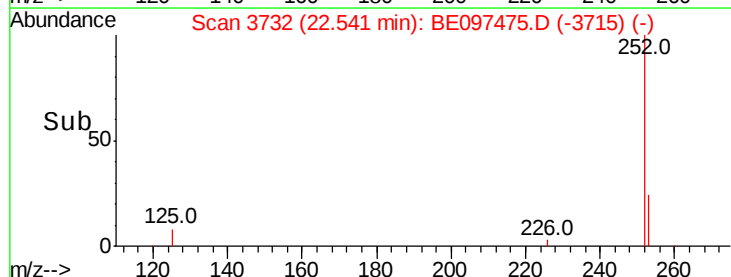
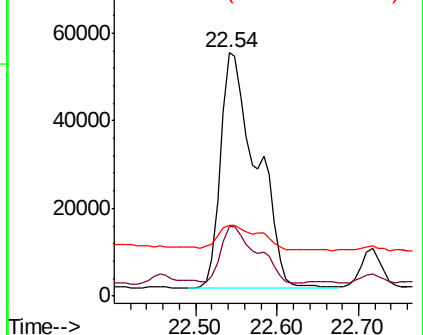
125 29.2 13.7 20.5#

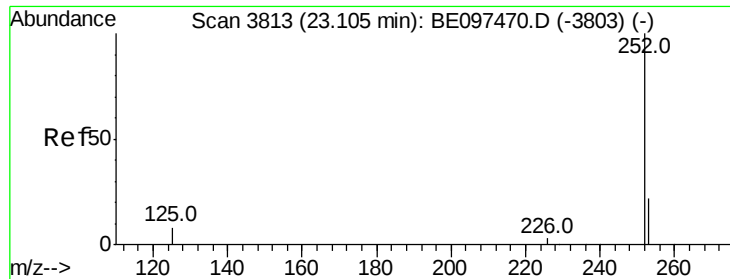


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 2.425 ng/ul

RT: 23.12 min Scan# 3815

Delta R.T. 0.02 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

ClientSampled :

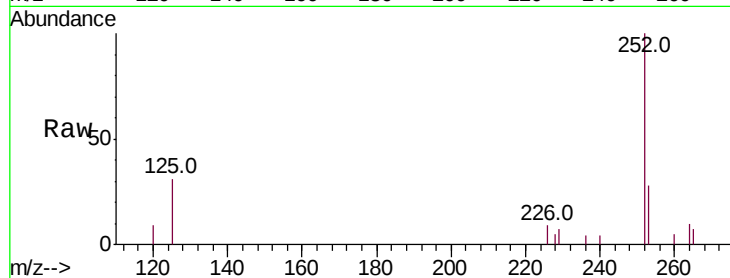
Tot Ion:252 Resp: 78564

Ion Ratio Lower Upper

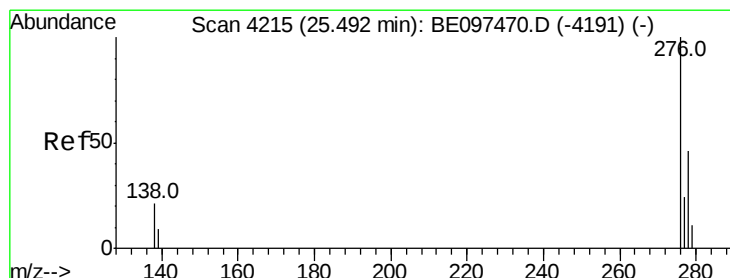
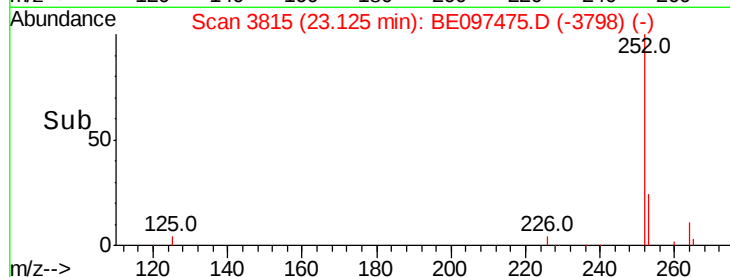
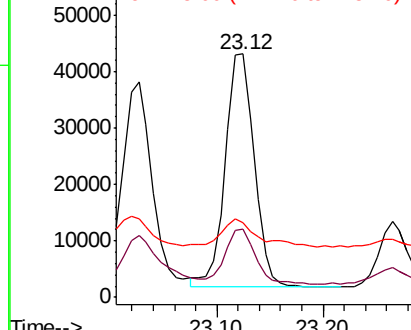
252 100

253 27.9 28.5 42.7#

125 30.7 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: 1.625 ng/ul

RT: 25.52 min Scan# 4221

Delta R.T. 0.03 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

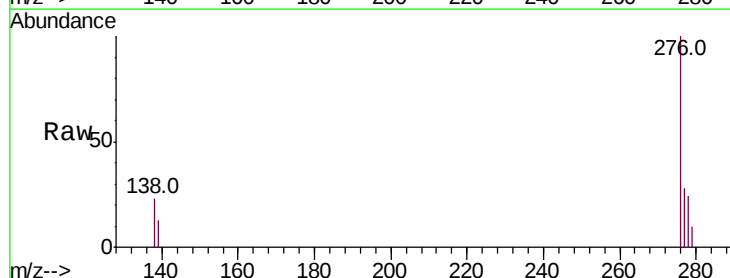
Tgt Ion:276 Resp: 68210

Ion Ratio Lower Upper

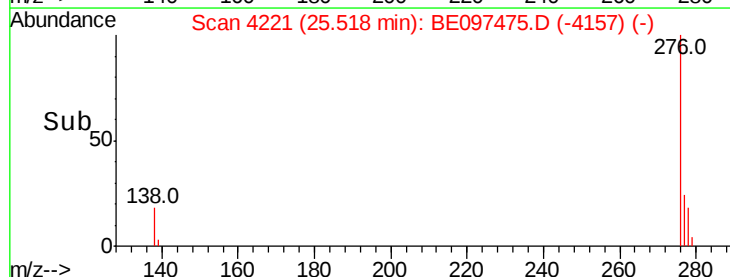
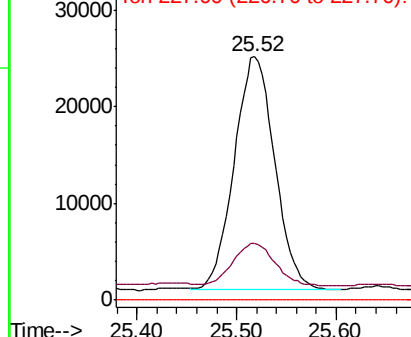
276 100

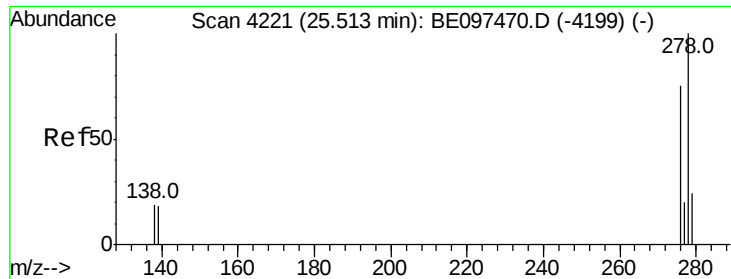
138 19.4 28.0 42.0#

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

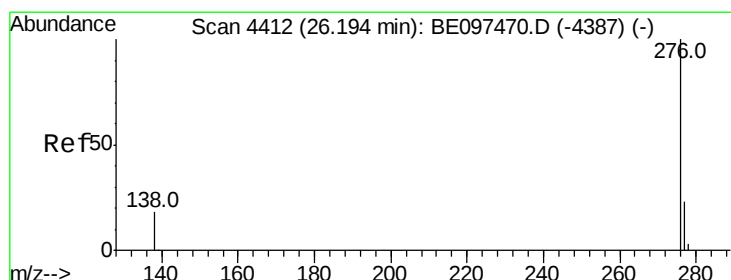
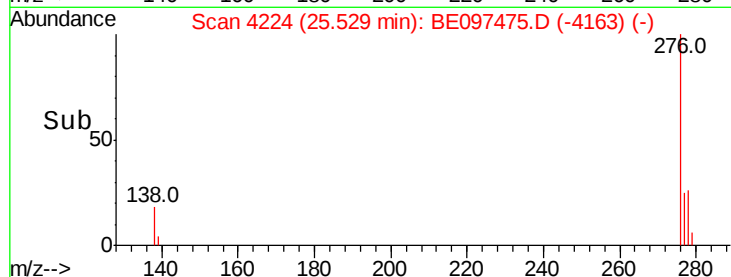
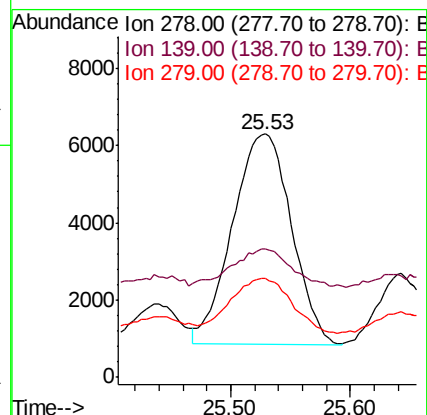
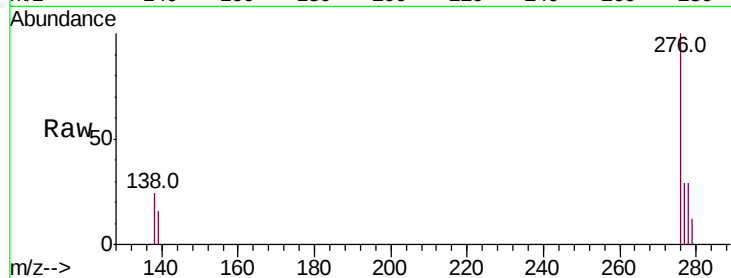




#25
Dibenzo(a,h)anthracene
Concen: 0.526 ng/ul
RT: 25.53 min Scan# 4224
Delta R.T. 0.02 min
Lab File: BE097475.D
Acq: 13 Sep 2018 6:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 18722
Ion Ratio Lower Upper
278 100
139 53.0 17.4 26.0#
279 40.5 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.802 ng/ul
RT: 26.22 min Scan# 4419
Delta R.T. 0.03 min
Lab File: BE097475.D
Acq: 13 Sep 2018 6:09

Tgt Ion:276 Resp: 64489
Ion Ratio Lower Upper
276 100
138 23.3 21.8 32.8
277 27.8 20.5 30.7

