

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097450.D
 Acq On : 12 Sep 2018 12:11
 Operator : SJ/JU
 Sample : J4792-06MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 01:17:30 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 01:16:50 2018
 Response via : Initial Calibration

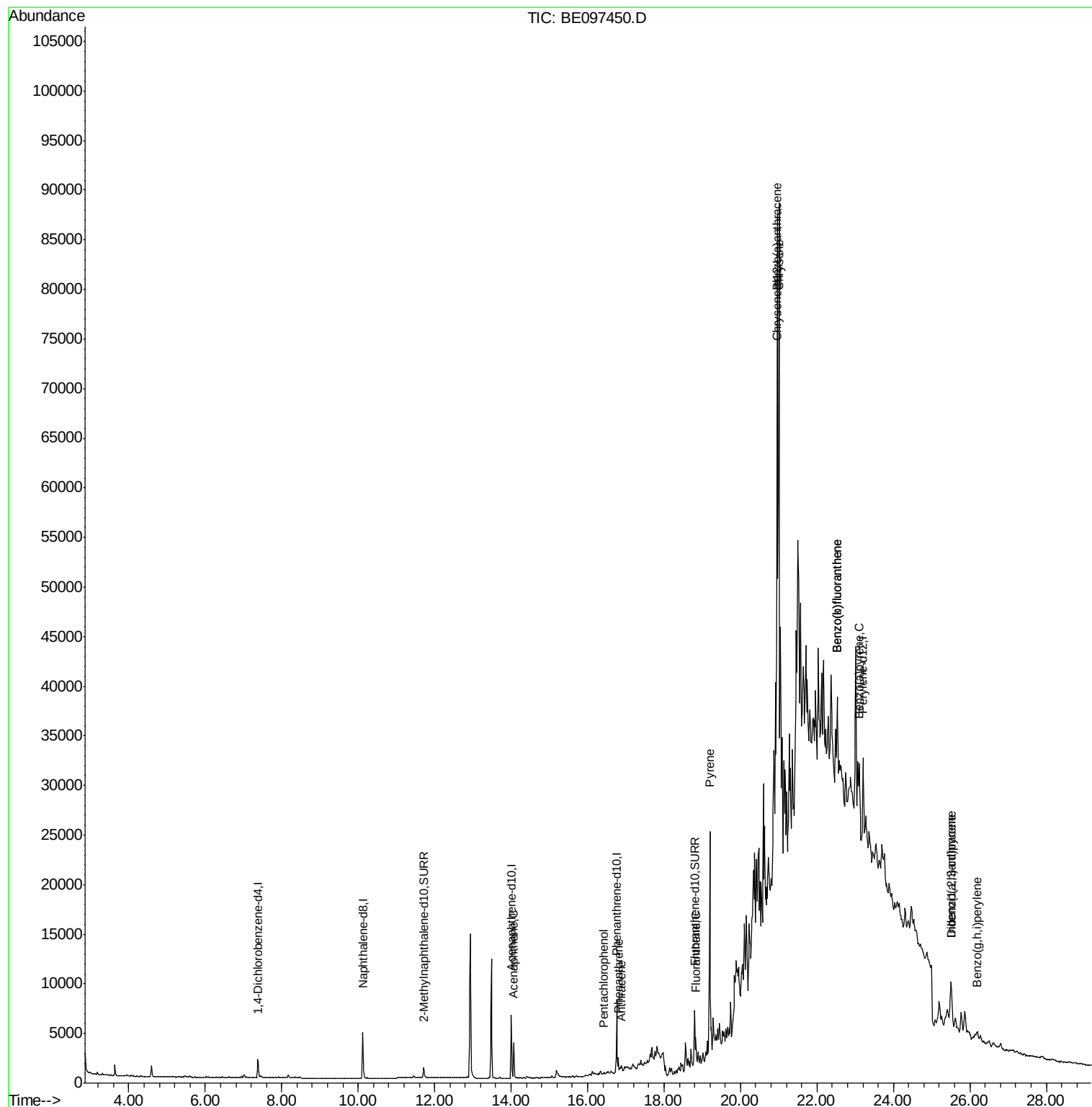
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	921	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5259	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3562	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9163	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10775	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11491	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1599	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6450	0.21	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.07	153	2024	0.181	ng/ul	95
11) Pentachlorophenol	16.43	266	108	0.120	ng/ul	99
12) Phenanthrene	16.80	178	1661	0.070	ng/ul#	89
13) Anthracene	16.90	178	521	0.026	ng/ul#	57
15) Fluoranthene	18.83	202	3817	0.126	ng/ul	82
17) Pyrene	19.20	202	28391	0.979	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	48782	1.762	ng/ul#	79
19) Chrysene	21.00	228	65783	2.063	ng/ul#	74
21) Benzo(b)fluoranthene	22.54	252	16949	0.551	ng/ul#	24
22) Benzo(k)fluoranthene	22.54	252	16949	0.494	ng/ul#	20
23) Benzo(a)pyrene	23.10	252	11793	0.414	ng/ul#	23
24) Indeno(1,2,3-cd)pyrene	25.50	276	3470	0.094	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.51	278	7208	0.231	ng/ul#	22
26) Benzo(g,h,i)perylene	26.20	276	2907	0.092	ng/ul#	29

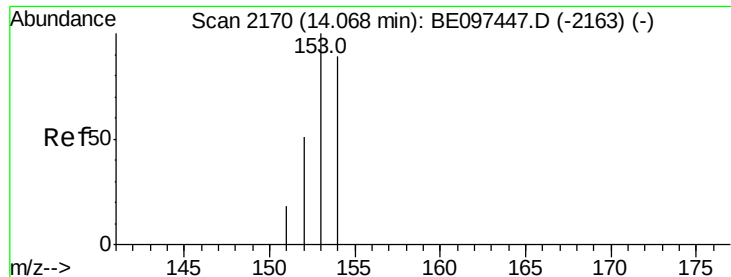
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 13 01:16:50 2018
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.181 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BE097450.D

Acq: 12 Sep 2018 12:11

Instrument :

BNA_E

ClientSampleId :

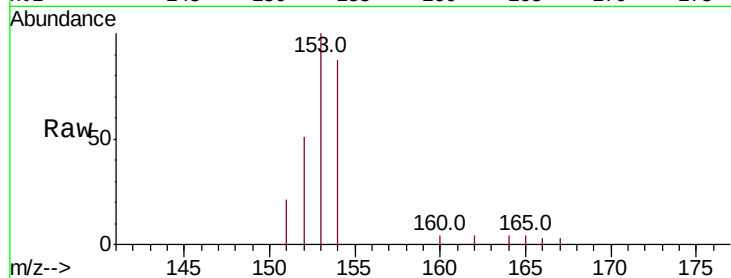
Tot Ion:153 Resp: 2024

Ion Ratio Lower Upper

153 100

152 50.6 36.0 54.0

154 87.1 72.0 108.0

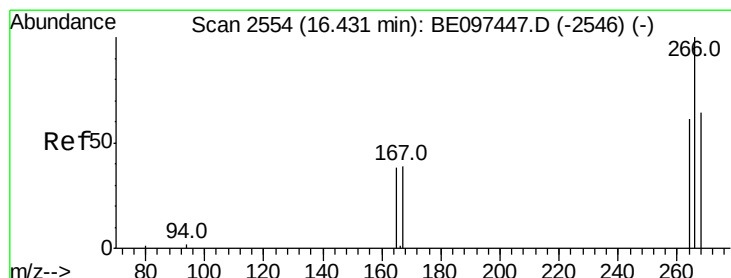
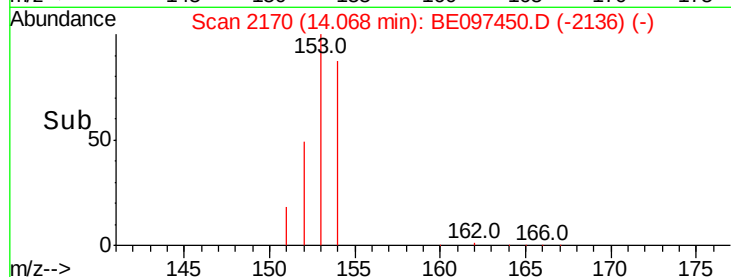
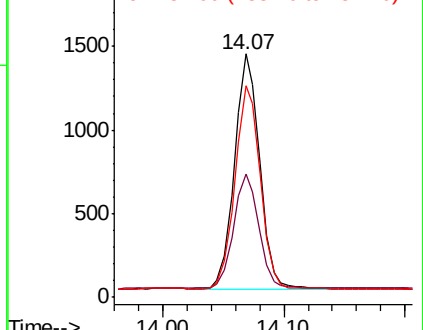


Abundance

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



#11

Pentachlorophenol

Concen: 0.120 ng/ul

RT: 16.43 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BE097450.D

Acq: 12 Sep 2018 12:11

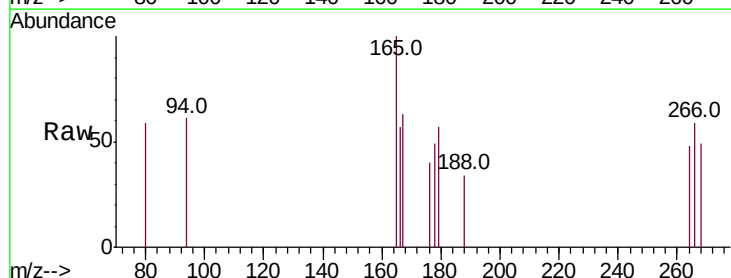
Tgt Ion:266 Resp: 108

Ion Ratio Lower Upper

266 100

264 60.2 47.9 71.9

268 63.0 49.8 74.8

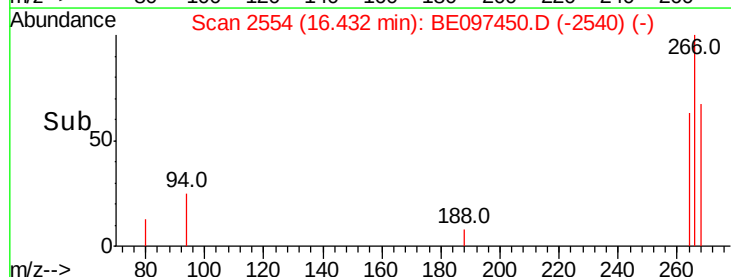
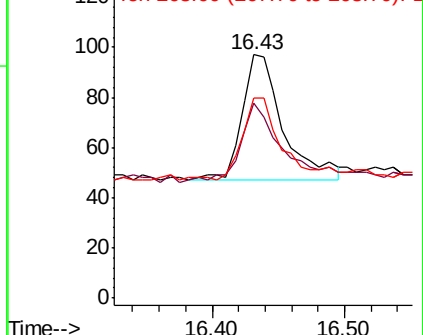


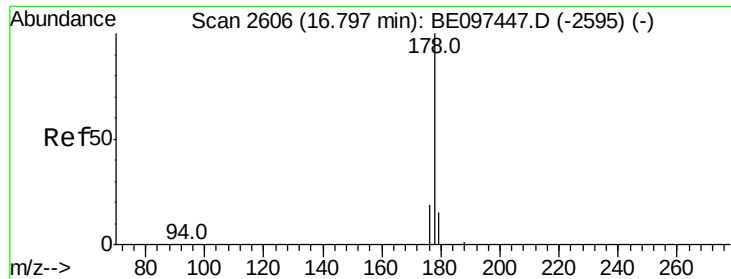
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.070 ng/ul

RT: 16.80 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BE097450.D

Acq: 12 Sep 2018 12:11

Instrument :

BNA_E

ClientSampleId :

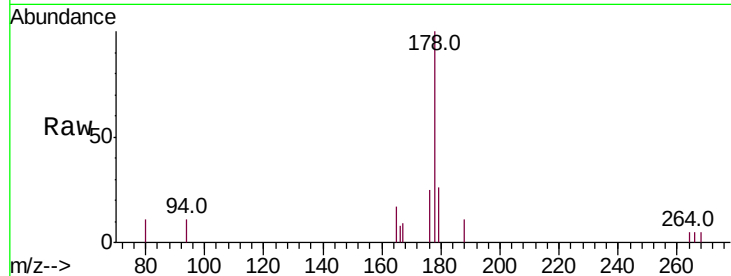
Tot Ion:178 Resp: 1661

Ion Ratio Lower Upper

178 100

179 26.2 18.4 27.6

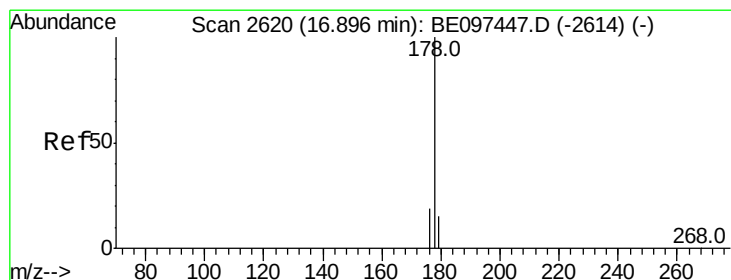
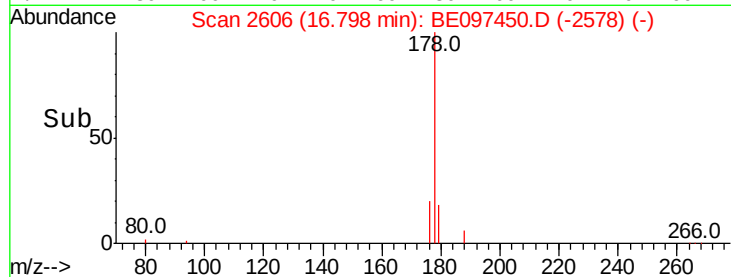
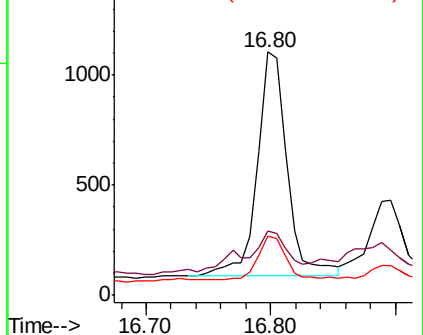
176 24.5 13.6 20.4#



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



#13

Anthracene

Concen: 0.026 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BE097450.D

Acq: 12 Sep 2018 12:11

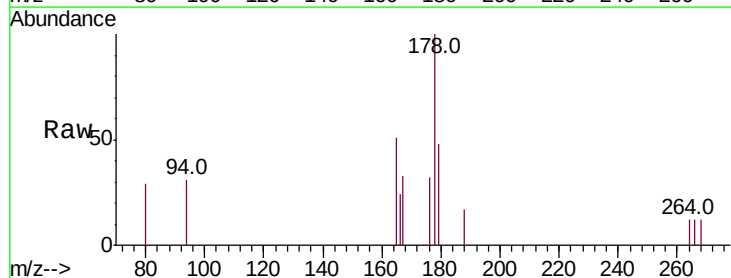
Tgt Ion:178 Resp: 521

Ion Ratio Lower Upper

178 100

179 48.0 18.1 27.1#

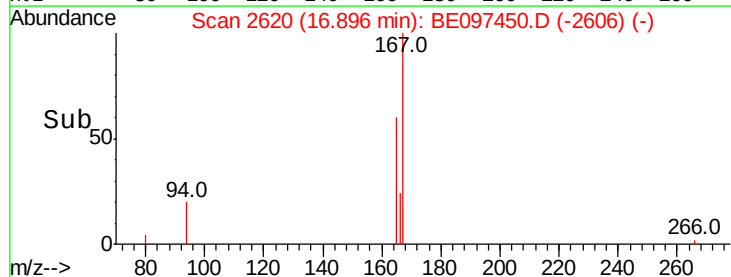
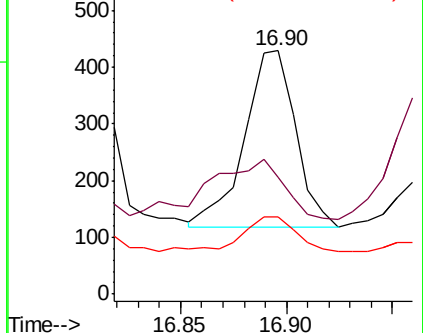
176 31.9 14.7 22.1#

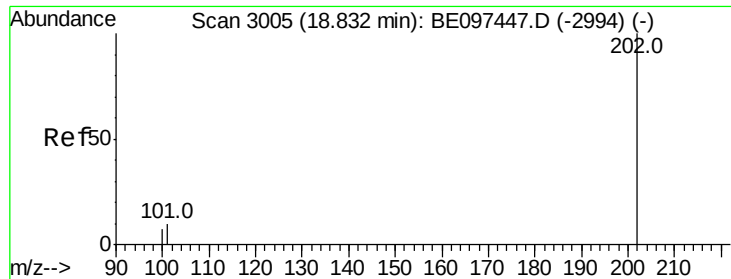


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

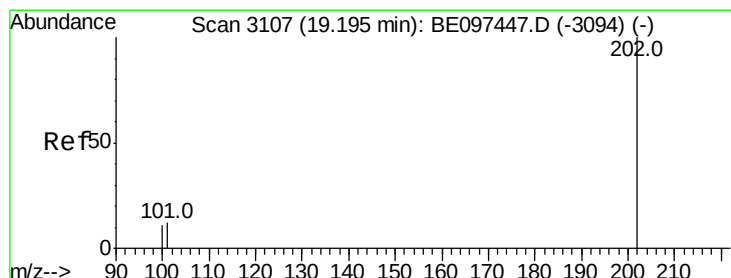
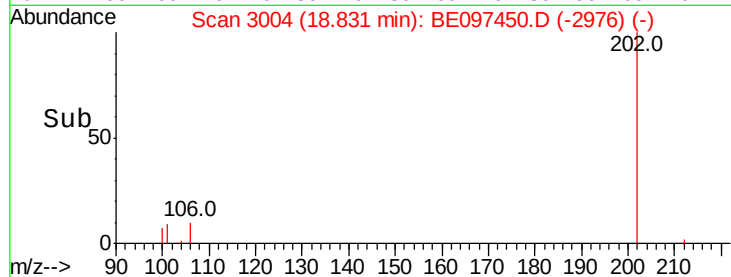
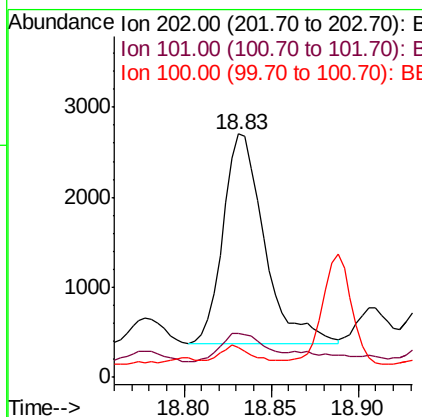
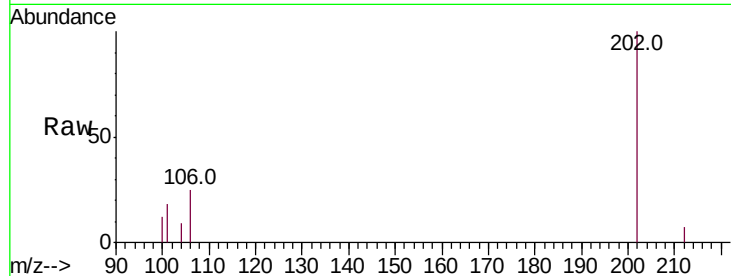




#15
 Fluoranthene
 Concen: 0.126 ng/ul
 RT: 18.83 min Scan# 3004
 Delta R.T. -0.00 min
 Lab File: BE097450.D
 Acq: 12 Sep 2018 12:11

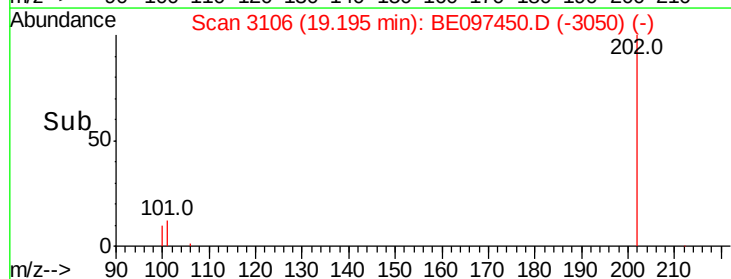
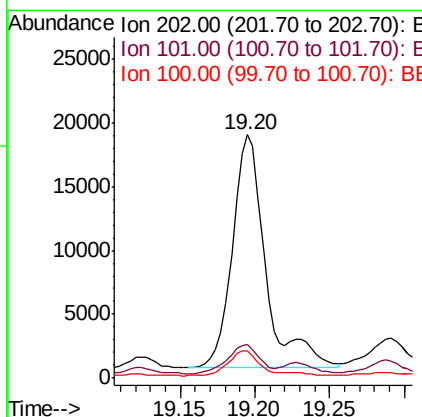
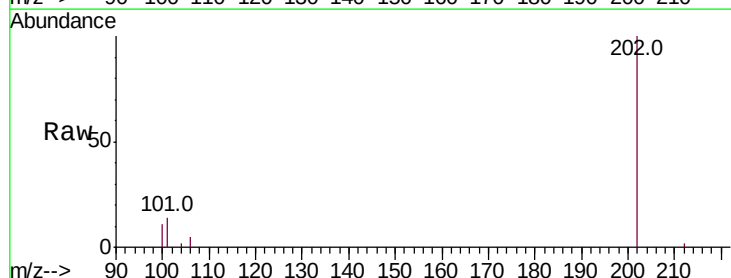
Instrument :
 BNA_E
 ClientSampleId :

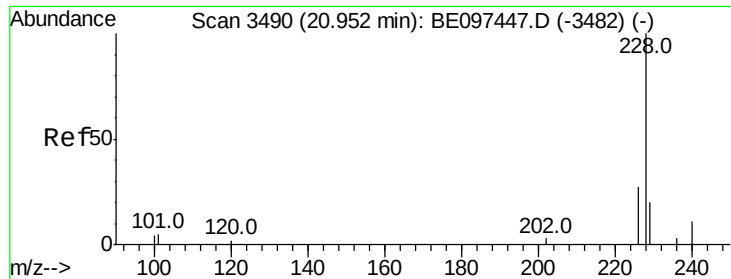
Tot Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.0	30.3
100	12.0	0.0	39.5



#17
 Pyrene
 Concen: 0.979 ng/ul
 RT: 19.20 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BE097450.D
 Acq: 12 Sep 2018 12:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	18.2	27.4#
100	11.1	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 1.762 ng/ul

RT: 20.96 min Scan# 3490

Delta R.T. 0.01 min

Lab File: BE097450.D

Acq: 12 Sep 2018 12:11

Instrument :

BNA_E

ClientSampled :

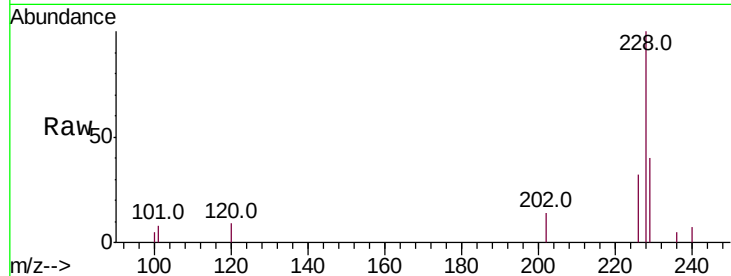
Tot Ion:228 Resp: 48782

Ion Ratio Lower Upper

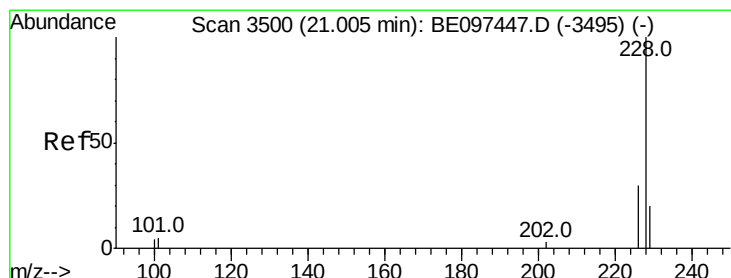
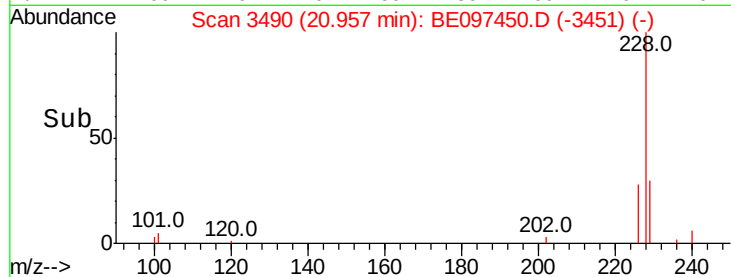
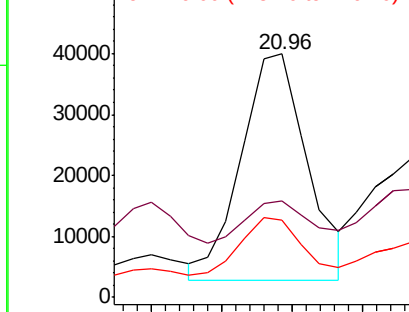
228 100

229 39.6 22.8 34.2#

226 31.8 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: 2.063 ng/ul

RT: 21.00 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BE097450.D

Acq: 12 Sep 2018 12:11

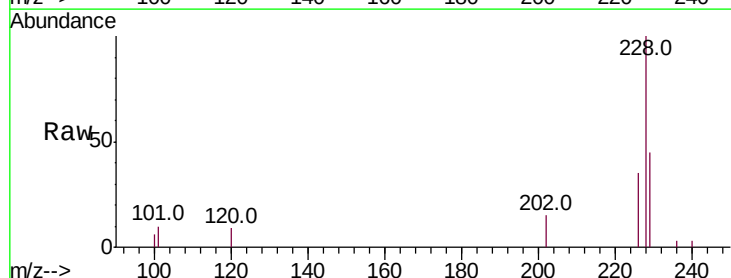
Tgt Ion:228 Resp: 65783

Ion Ratio Lower Upper

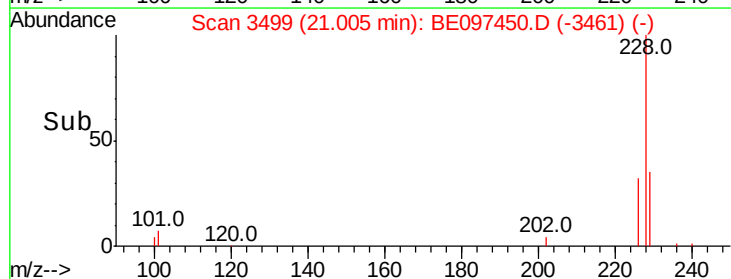
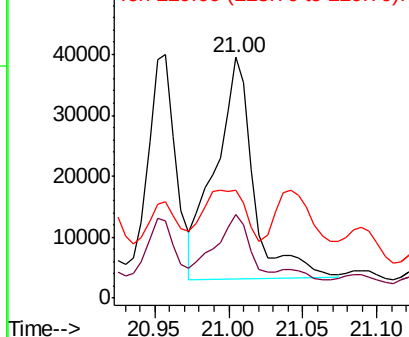
228 100

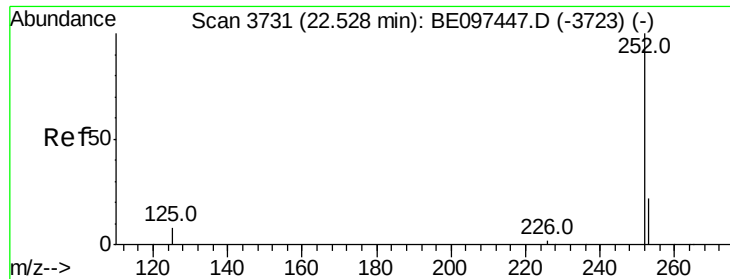
226 34.8 23.4 35.0

229 44.7 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: 0.551 ng/ul

RT: 22.54 min Scan# 3731

Delta R.T. 0.01 min

Lab File: BE097450.D

Acq: 12 Sep 2018 12:11

Instrument :

BNA_E

ClientSampleId :

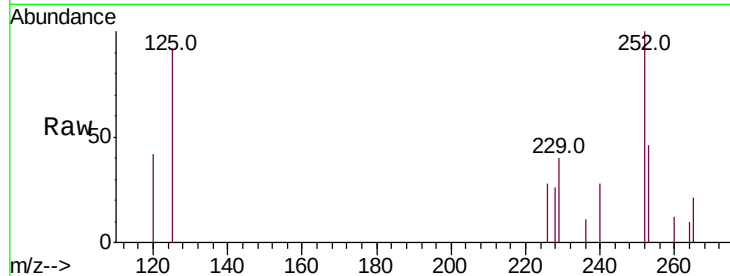
Tot Ion:252 Resp: 16949

Ion Ratio Lower Upper

252 100

253 46.1 0.0 64.2

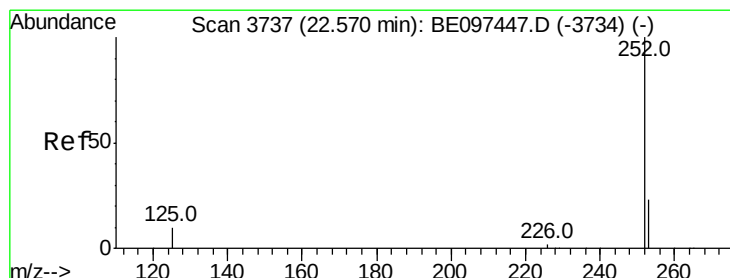
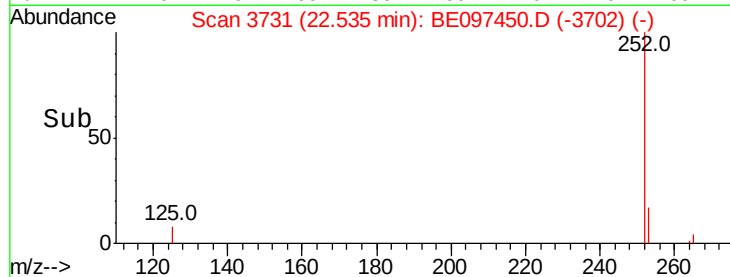
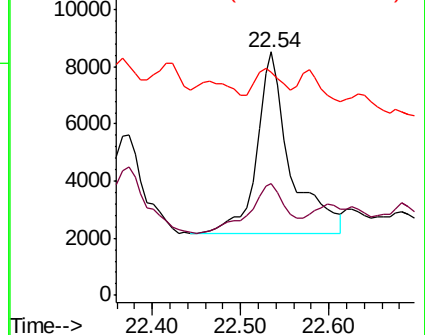
125 91.8 0.0 35.0#



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: 0.494 ng/ul

RT: 22.54 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BE097450.D

Acq: 12 Sep 2018 12:11

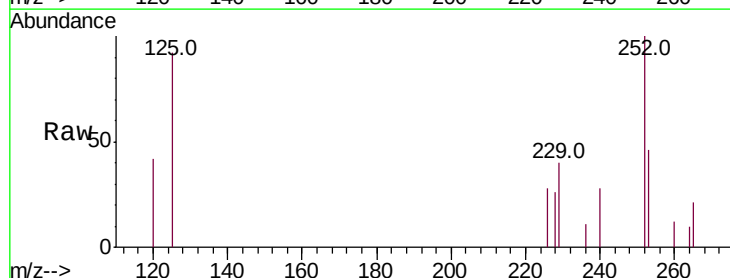
Tgt Ion:252 Resp: 16949

Ion Ratio Lower Upper

252 100

253 46.1 24.5 36.7#

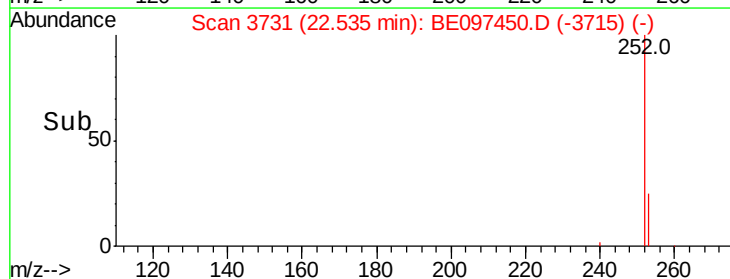
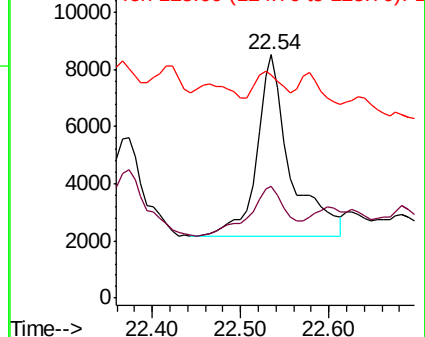
125 91.8 13.7 20.5#

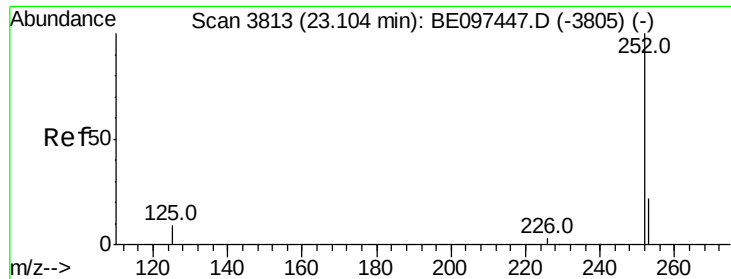


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.414 ng/ul

RT: 23.10 min Scan# 3812

Delta R.T. 0.00 min

Lab File: BE097450.D

Acq: 12 Sep 2018 12:11

Instrument :

BNA_E

ClientSampled :

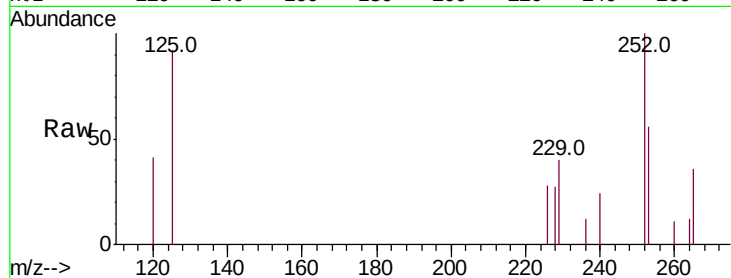
Tot Ion:252 Resp: 11793

Ion Ratio Lower Upper

252 100

253 55.7 28.5 42.7#

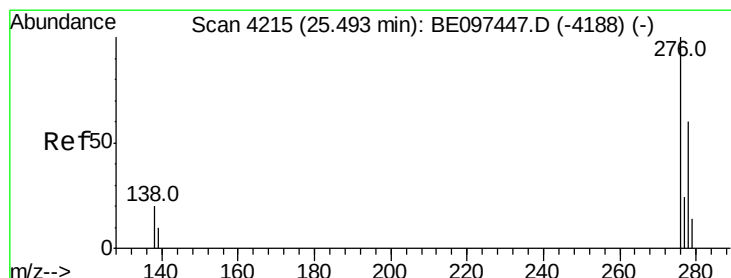
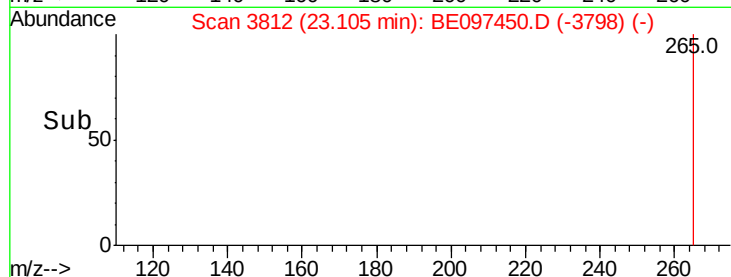
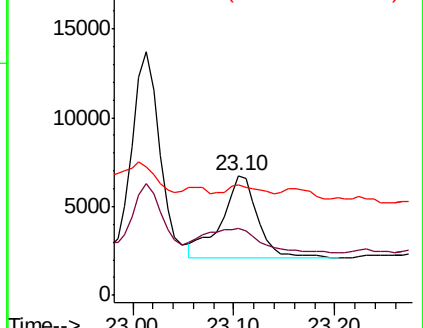
125 92.1 18.1 27.1#



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: 0.094 ng/ul

RT: 25.50 min Scan# 4217

Delta R.T. 0.01 min

Lab File: BE097450.D

Acq: 12 Sep 2018 12:11

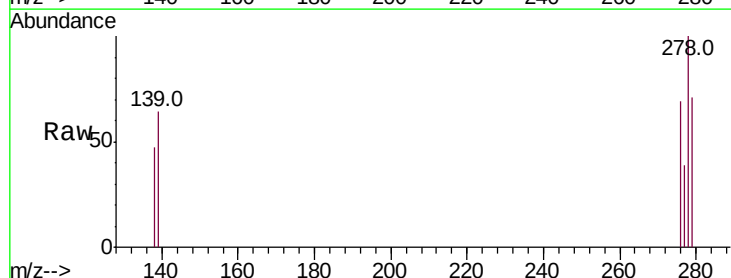
Tgt Ion:276 Resp: 3470

Ion Ratio Lower Upper

276 100

138 35.4 28.0 42.0

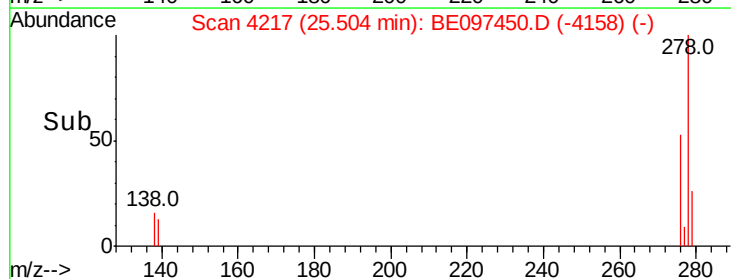
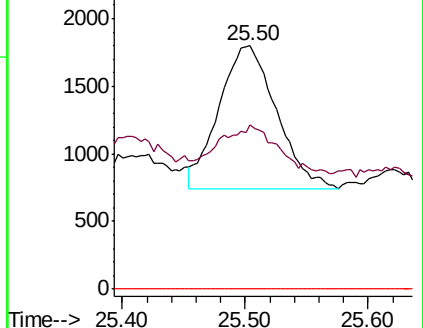
227 0.0 8.0 12.0#

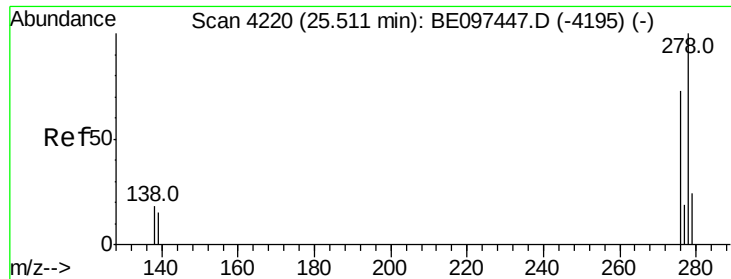


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

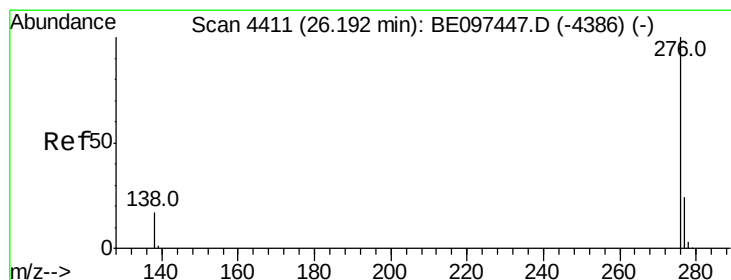
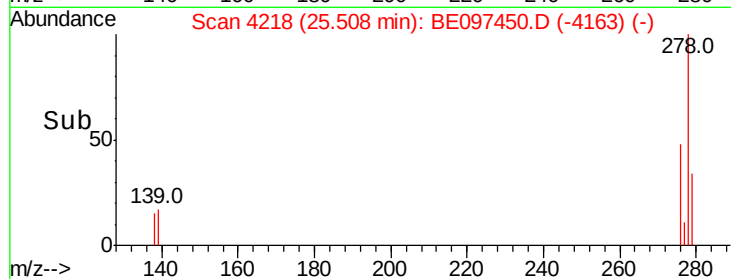
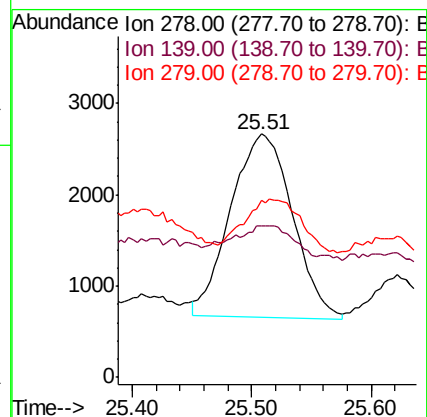
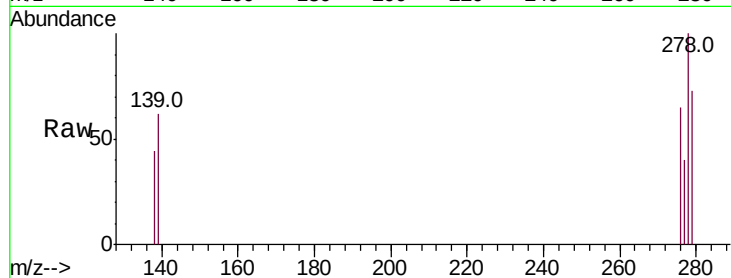




#25
Dibenzo(a,h)anthracene
Concen: 0.231 ng/ul
RT: 25.51 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7208
Ion Ratio Lower Upper
278 100
139 62.4 17.4 26.0#
279 72.8 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.092 ng/ul
RT: 26.20 min Scan# 4411
Delta R.T. 0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

Tgt Ion:276 Resp: 2907
Ion Ratio Lower Upper
276 100
138 63.0 21.8 32.8#
277 63.3 20.5 30.7#

