

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097431.D
 Acq On : 7 Sep 2018 21:33
 Operator : SJ/JU
 Sample : J4688-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 08 02:50:08 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 : Sat Sep 08 02:48:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1022	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5690	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4012	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	453579	0.40	ng/ul	0.10
16) Chrysene-d12	21.08	240	84	0.40	ng/ul	0.11
20) Perylene-d12	23.47	264	126	0.40	ng/ul	0.27

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.71	152	2327	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	375	0.00	ng/ul	0.11

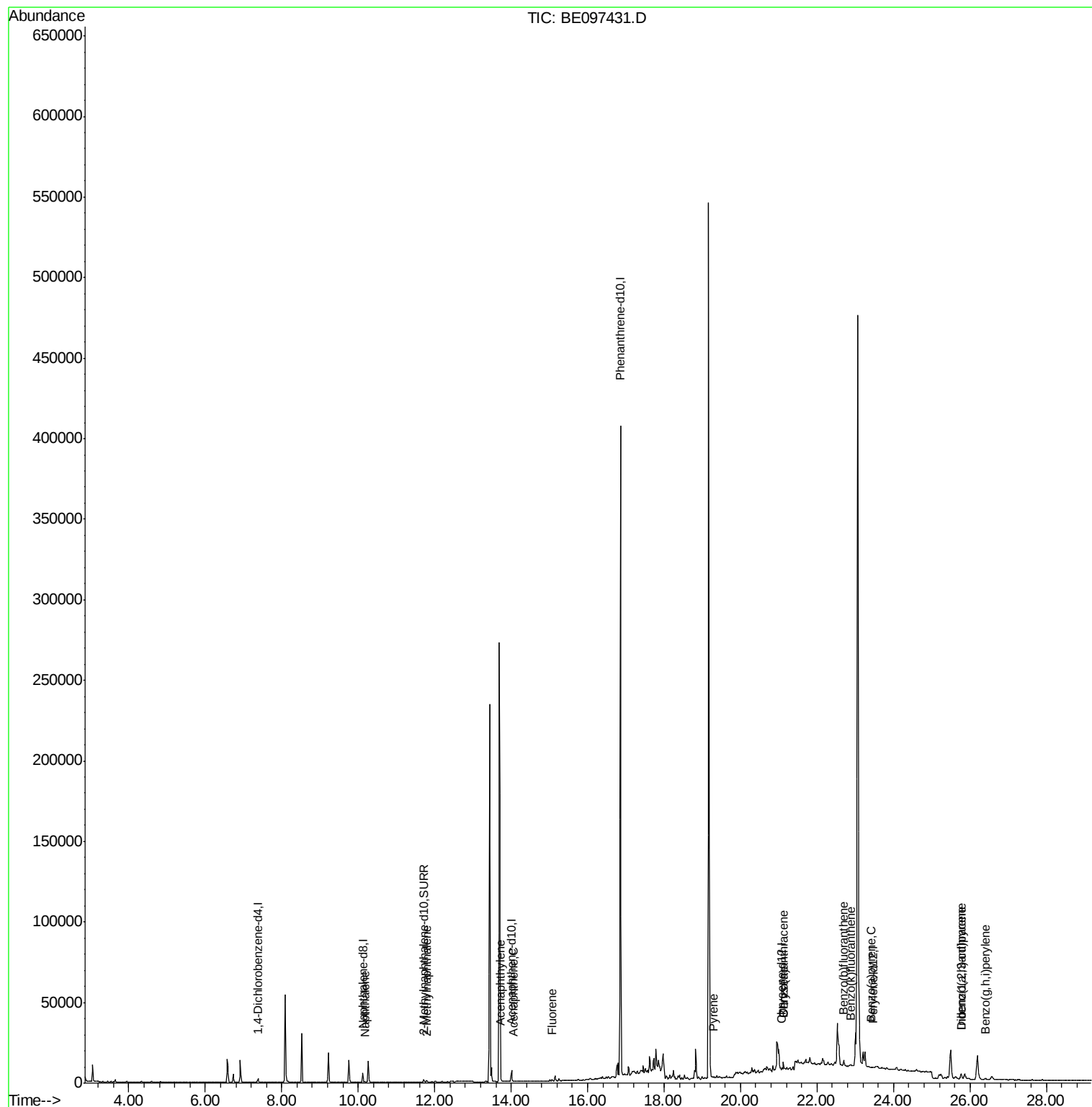
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.17	128	986	0.071	ng/ul#	88
5) 2-Methylnaphthalene	11.79	142	741	0.085	ng/ul	98
7) Acenaphthylene	13.73	152	948	0.065	ng/ul#	57
8) Acenaphthene	14.07	153	289	0.023	ng/ul#	83
9) Fluorene	15.07	166	495	0.034	ng/ul#	66
17) Pyrene	19.29	202	789	3.490	ng/ul#	71
18) Benzo(a)anthracene	21.12	228	3700	17.147	ng/ul#	9
19) Chrysene	21.12	228	3700	14.882	ng/ul#	9
21) Benzo(b)fluoranthene	22.70	252	4561	13.517	ng/ul#	36
22) Benzo(k)fluoranthene	22.88	252	1159	3.080	ng/ul#	1
23) Benzo(a)pyrene	23.41	252	265	0.849	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.77	276	1264	3.124	ng/ul#	85
25) Dibenzo(a,h)anthracene	25.77	278	4855	14.162	ng/ul#	70
26) Benzo(g,h,i)perylene	26.41	276	756	2.192	ng/ul#	9

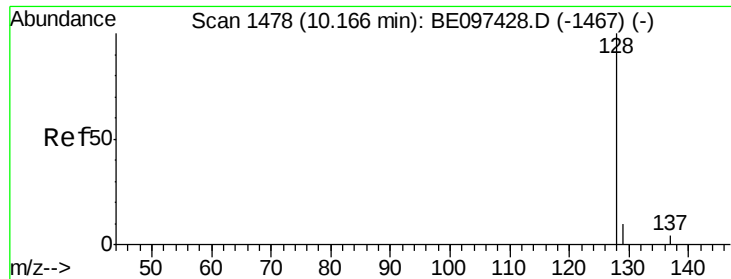
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.071 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

Instrument :

BNA_E

ClientSampleId :

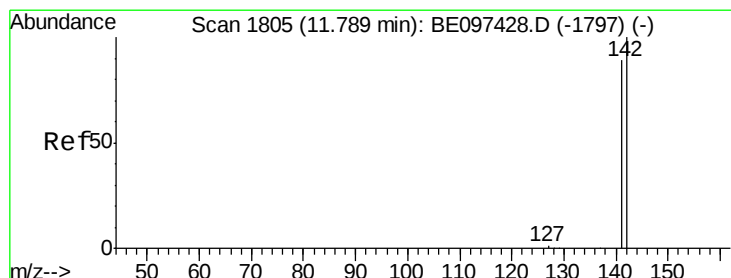
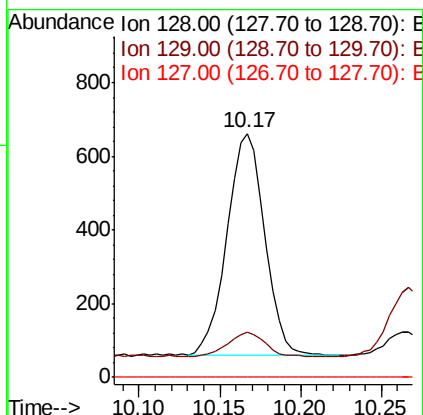
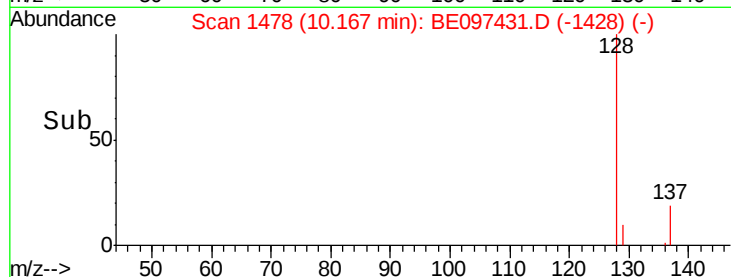
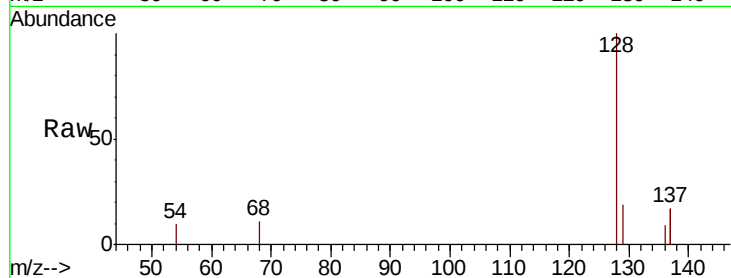
Tot Ion:128 Resp: 986

Ion Ratio Lower Upper

128 100

129 18.8 11.3 16.9#

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.085 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BE097431.D

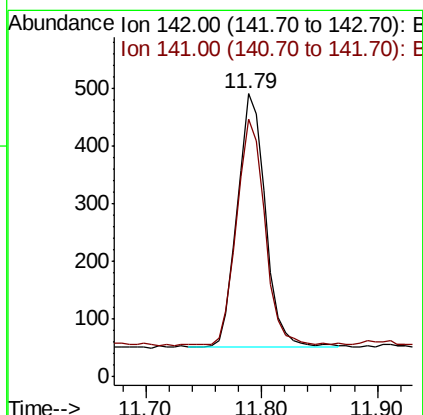
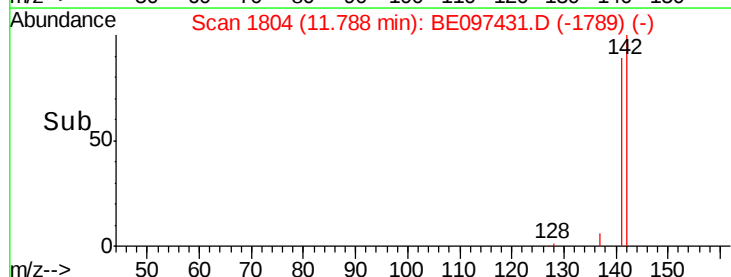
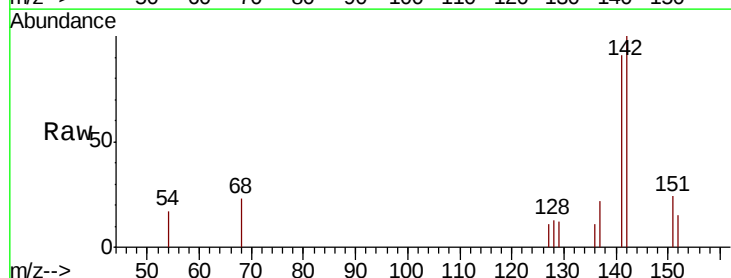
Acq: 7 Sep 2018 21:33

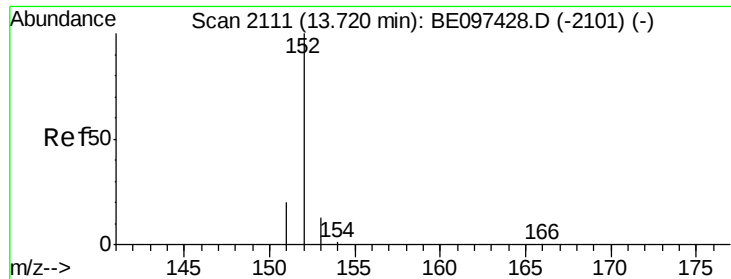
Tgt Ion:142 Resp: 741

Ion Ratio Lower Upper

142 100

141 88.7 72.6 108.8





#7

Acenaphthylene

Concen: 0.065 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

Instrument :

BNA_E

ClientSampleId :

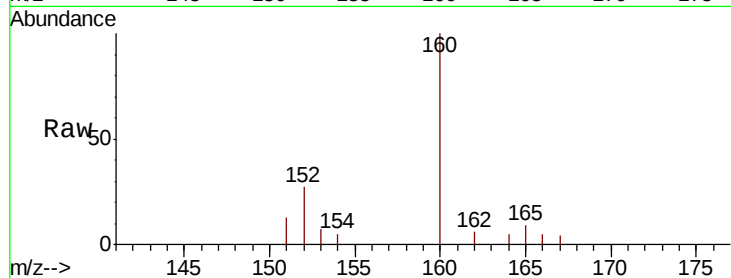
Tot Ion:152 Resp: 948

Ion Ratio Lower Upper

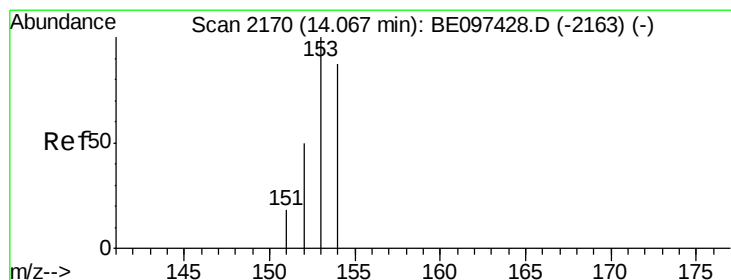
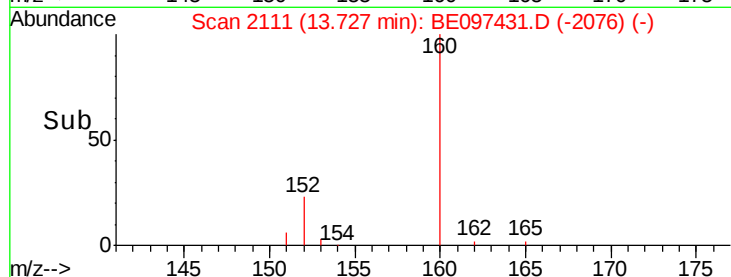
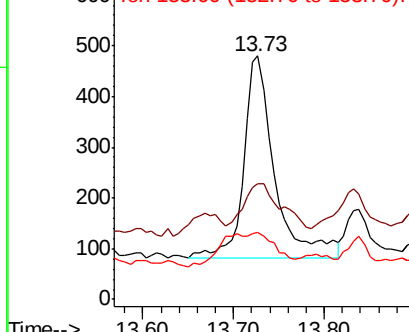
152 100

151 47.5 17.1 25.7#

153 27.5 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: 0.023 ng/ul

RT: 14.07 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

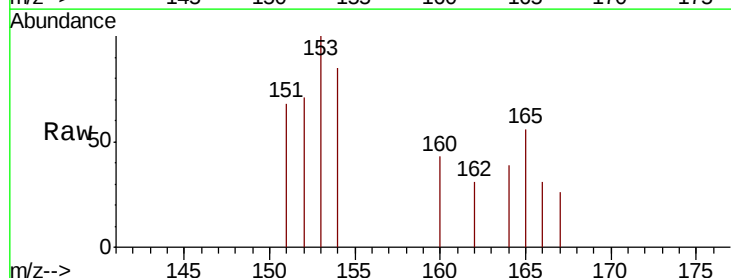
Tgt Ion:153 Resp: 289

Ion Ratio Lower Upper

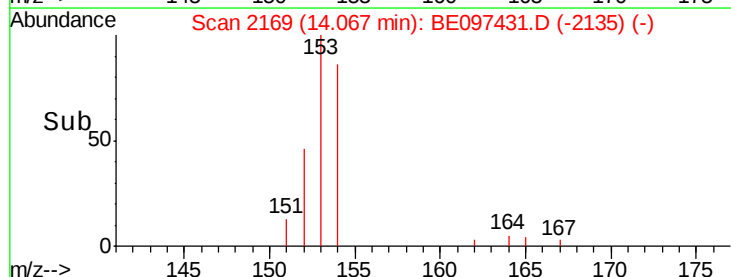
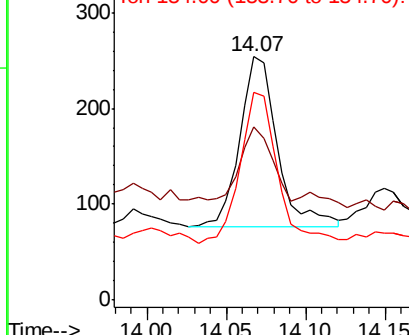
153 100

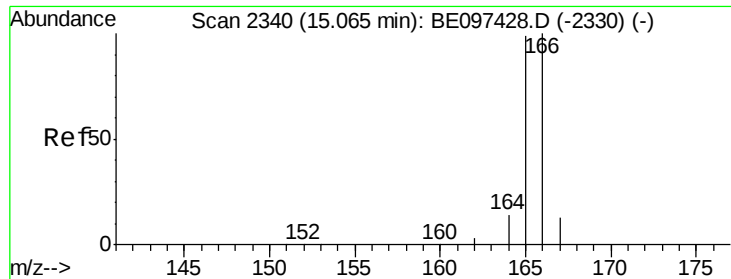
152 71.3 36.0 54.0#

154 85.4 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: 0.034 ng/ul

RT: 15.07 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

Instrument :

BNA_E

ClientSampleId :

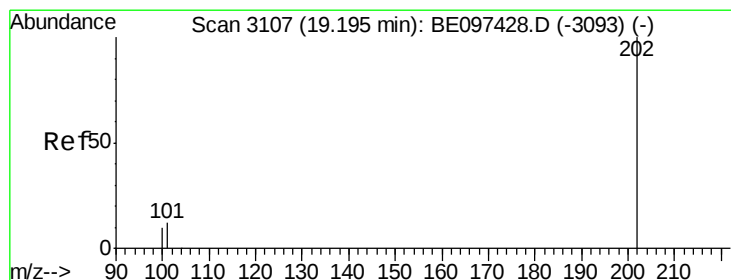
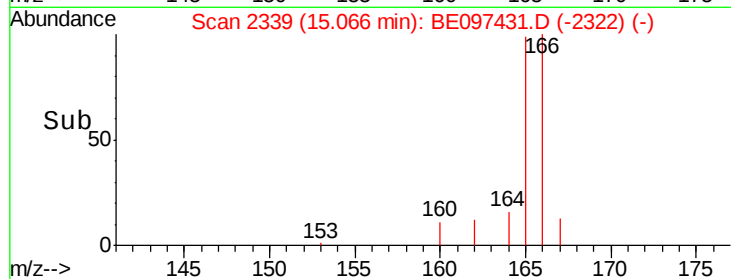
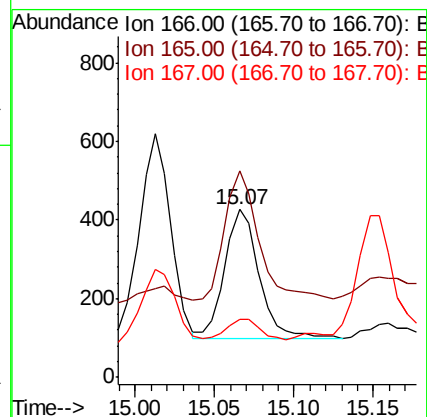
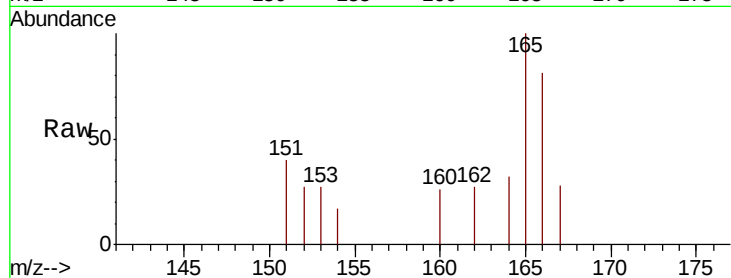
Tot Ion:166 Resp: 495

Ion Ratio Lower Upper

166 100

165 123.5 73.4 110.2#

167 34.7 14.6 22.0#



#17

Pyrene

Concen: 3.490 ng/ul

RT: 19.29 min Scan# 3133

Delta R.T. 0.10 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

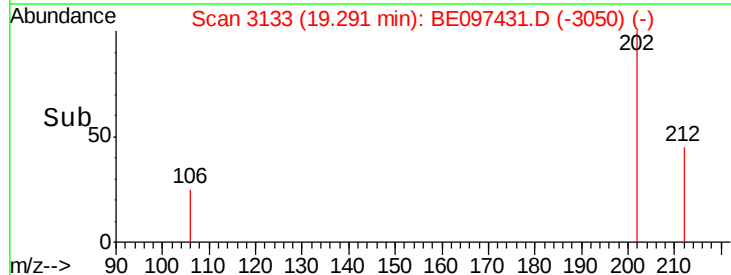
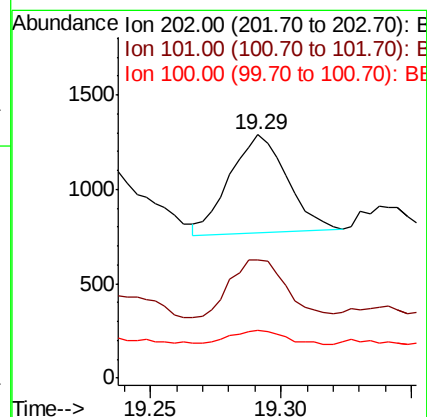
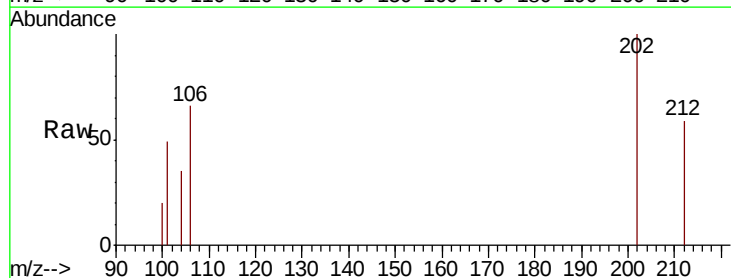
Tgt Ion:202 Resp: 789

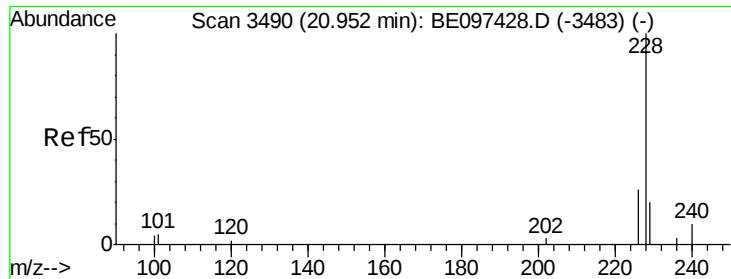
Ion Ratio Lower Upper

202 100

101 48.5 18.2 27.4#

100 19.7 15.6 23.4





#18

Benzo(a)anthracene

Concen: 17.147 ng/ul

RT: 21.12 min Scan# 3521

Delta R.T. 0.17 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

Instrument :

BNA_E

ClientSampled :

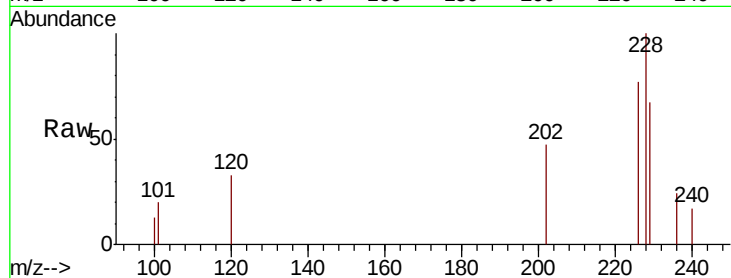
Tot Ion:228 Resp: 3700

Ion Ratio Lower Upper

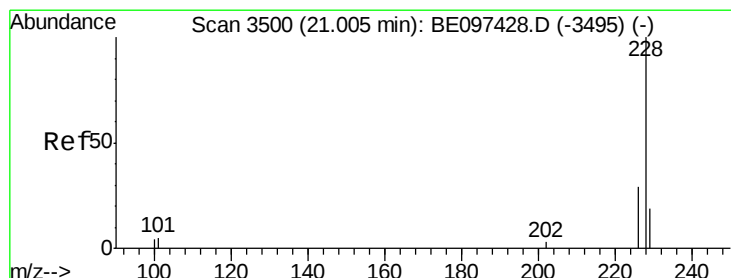
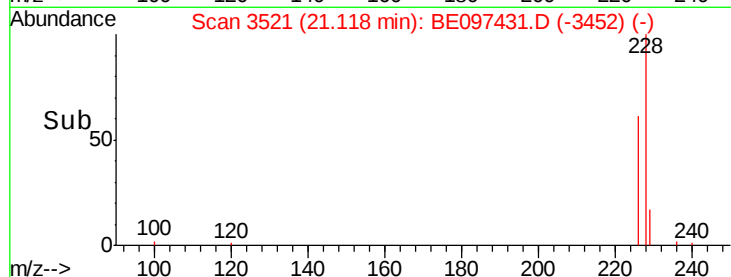
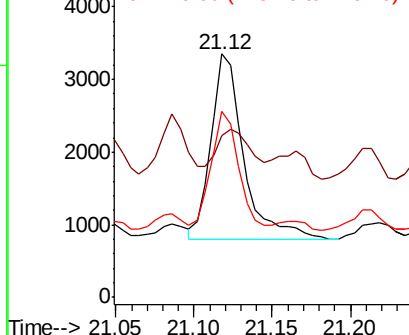
228 100

229 66.6 22.8 34.2#

226 76.6 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: 14.882 ng/ul

RT: 21.12 min Scan# 3521

Delta R.T. 0.11 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

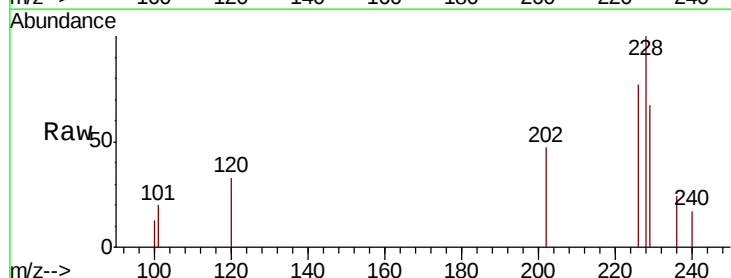
Tgt Ion:228 Resp: 3700

Ion Ratio Lower Upper

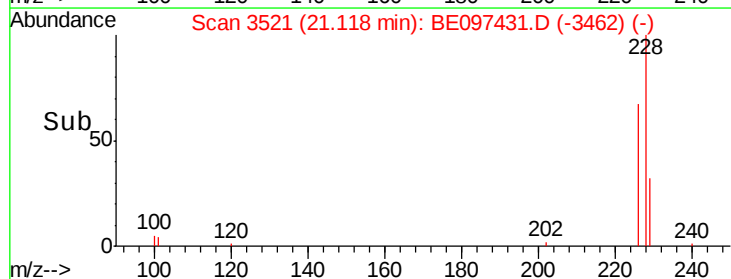
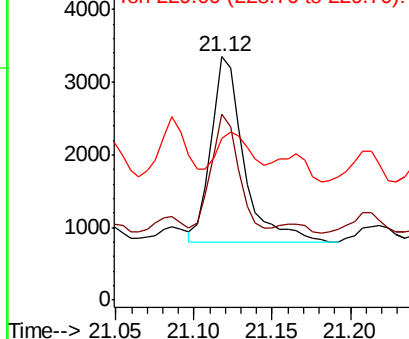
228 100

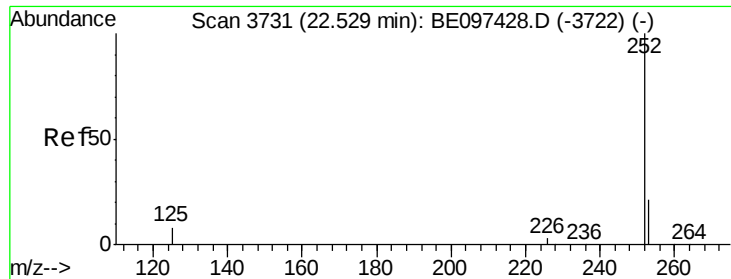
226 76.6 23.4 35.0#

229 66.6 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: 13.517 ng/ul

RT: 22.70 min Scan# 3756

Delta R.T. 0.17 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

Instrument :

BNA_E

ClientSampleId :

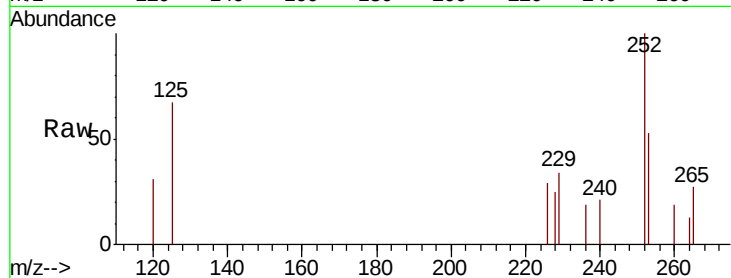
Tot Ion:252 Resp: 4561

Ion Ratio Lower Upper

252 100

253 52.5 0.0 64.2

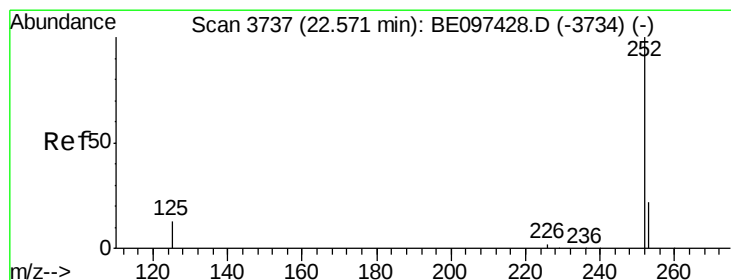
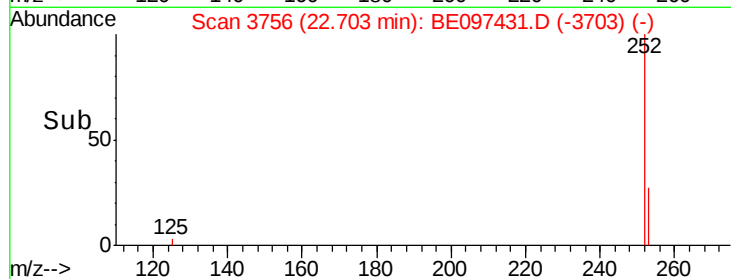
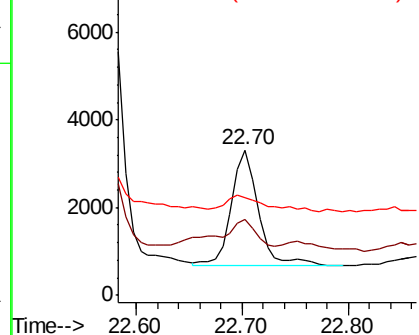
125 67.2 0.0 35.0#



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: 3.080 ng/ul

RT: 22.88 min Scan# 3781

Delta R.T. 0.31 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

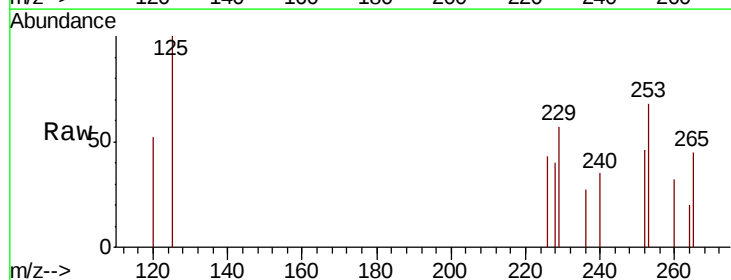
Tgt Ion:252 Resp: 1159

Ion Ratio Lower Upper

252 100

253 147.2 24.5 36.7#

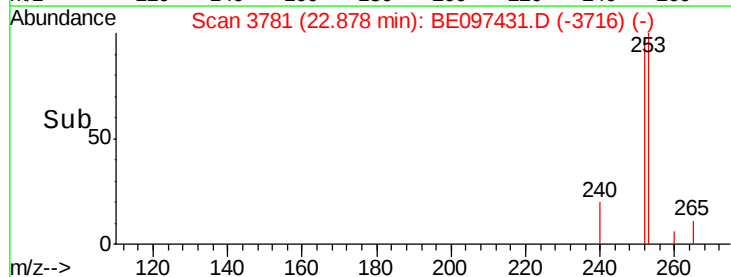
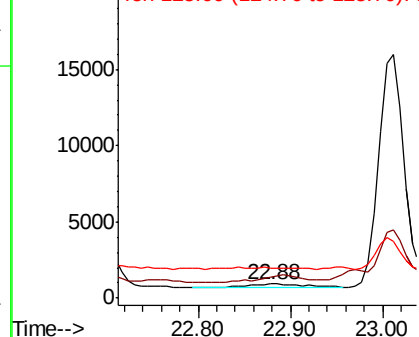
125 216.3 13.7 20.5#

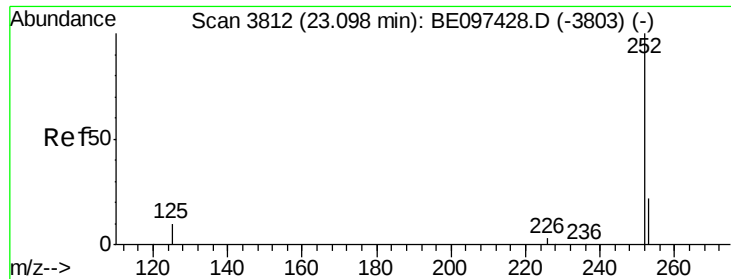


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.849 ng/ul

RT: 23.41 min Scan# 3857

Delta R.T. 0.31 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

Instrument :

BNA_E

ClientSampled :

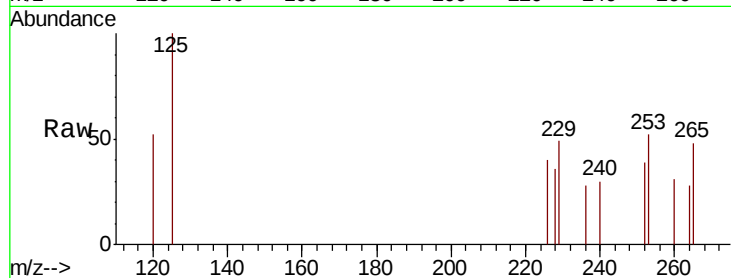
Tot Ion:252 Resp: 265

Ion Ratio Lower Upper

252 100

253 134.8 28.5 42.7#

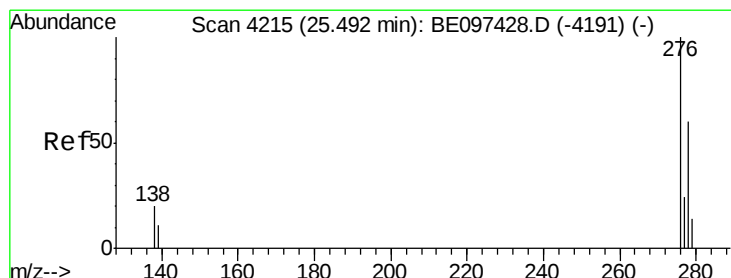
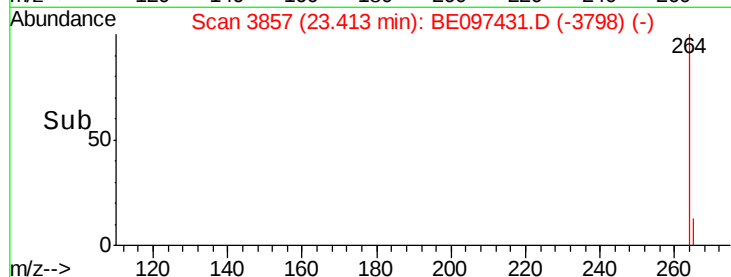
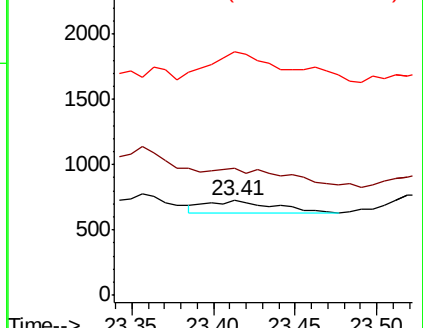
125 257.0 18.1 27.1#



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: 3.124 ng/ul

RT: 25.77 min Scan# 4293

Delta R.T. 0.28 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

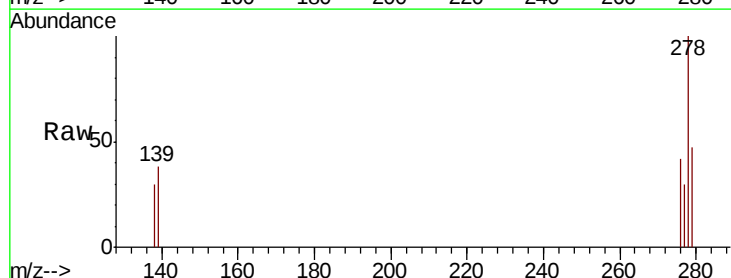
Tgt Ion:276 Resp: 1264

Ion Ratio Lower Upper

276 100

138 41.9 28.0 42.0

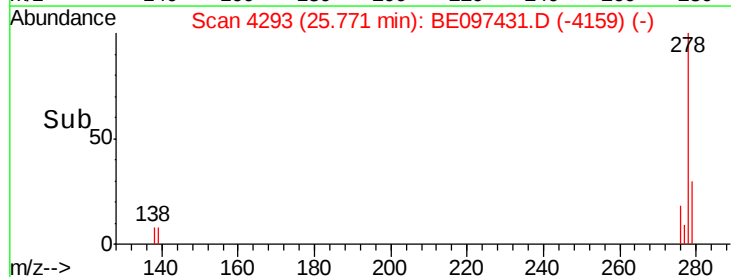
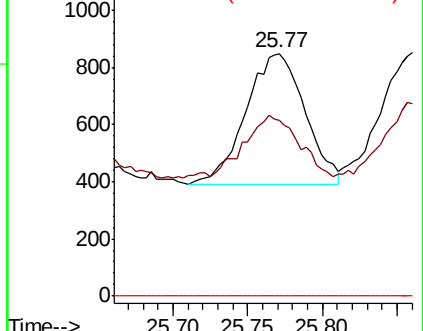
227 0.0 8.0 12.0#

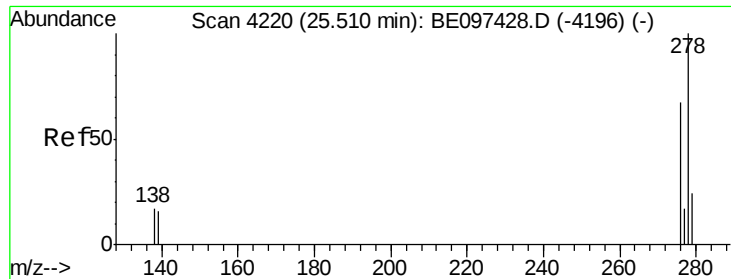


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

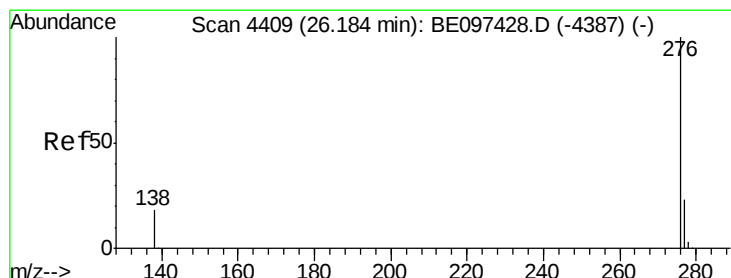
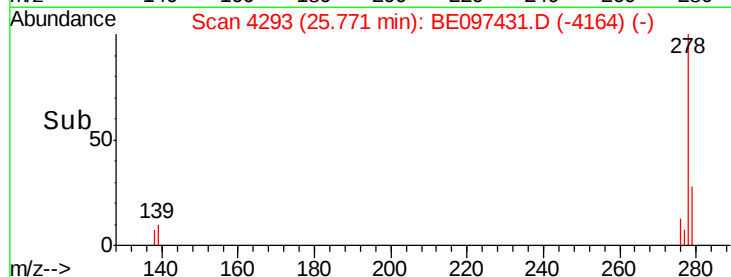
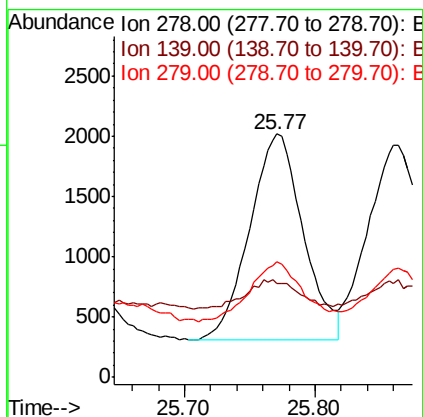
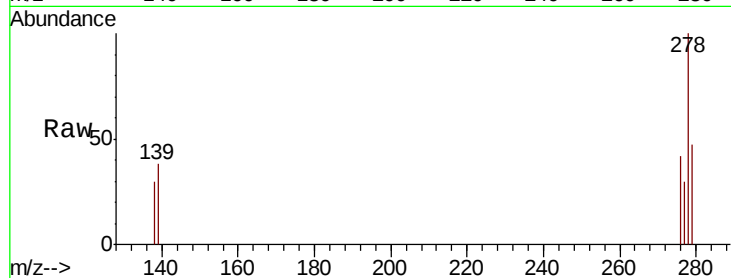




#25
Dibenzo(a,h)anthracene
Concen: 14.162 ng/ul
RT: 25.77 min Scan# 4293
Delta R.T. 0.26 min
Lab File: BE097431.D
Acq: 7 Sep 2018 21:33

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 4855
Ion Ratio Lower Upper
278 100
139 38.3 17.4 26.0#
279 47.4 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 2.192 ng/ul
RT: 26.41 min Scan# 4472
Delta R.T. 0.23 min
Lab File: BE097431.D
Acq: 7 Sep 2018 21:33

Tgt Ion:276 Resp: 756
Ion Ratio Lower Upper
276 100
138 70.5 21.8 32.8#
277 75.7 20.5 30.7#

