

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
 Data File : BE094714.D
 Acq On : 3 Nov 2017 19:07
 Operator : SJ/JU
 Sample : I5955-08 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-15(5-6)-101717

Quant Time: Nov 04 00:00:36 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 23:54:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1372	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	8251	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.51	164	4640	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.26	188	9961	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	9822	0.40	ng/ul	-0.01
20) Perylene-d12	23.96	264	11230	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	795	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1778	0.06	ng/ul	-0.01

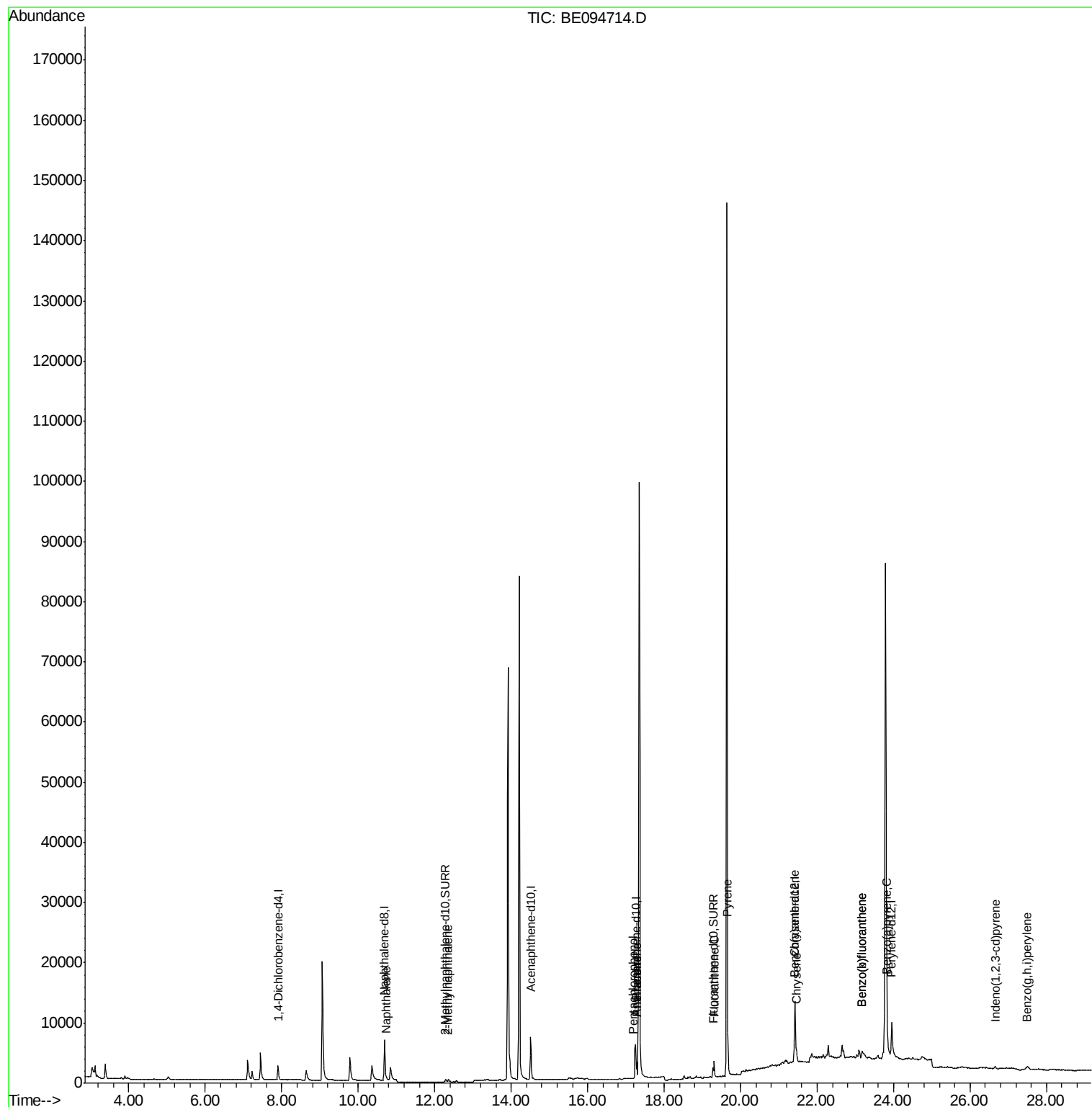
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.74	128	445	0.02	ng/ul#	63
5) 2-Methylnaphthalene	12.36	142	539	0.04	ng/ul	95
11) Pentachlorophenol	17.19	266	34	0.07	ng/ul#	66
12) Phenanthrene	17.29	178	3296	0.13	ng/ul#	94
13) Anthracene	17.29	178	3262	0.13	ng/ul	96
15) Fluoranthene	19.31	202	3288	0.11	ng/ul	84
17) Pyrene	19.67	202	4599	0.15	ng/ul#	89
18) Benzo(a)anthracene	21.40	228	2051	0.07	ng/ul#	28
19) Chrysene	21.46	228	2748	0.09	ng/ul#	35
21) Benzo(b)fluoranthene	23.18	252	2831	0.09	ng/ul#	1
22) Benzo(k)fluoranthene	23.18	252	2763	0.08	ng/ul#	1
23) Benzo(a)pyrene	23.84	252	1501	0.05	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.65	276	898	0.03	ng/ul#	72
26) Benzo(g,h,i)perylene	27.50	276	1209	0.05	ng/ul#	8

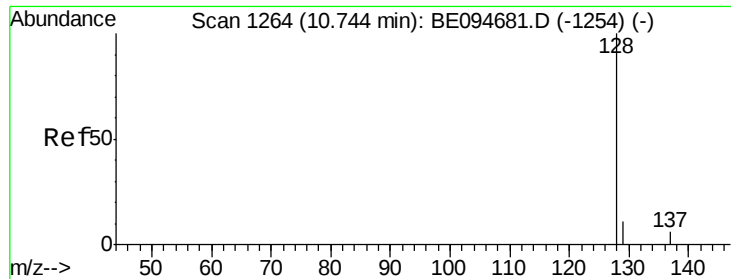
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.03 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

Instrument :

BNA_E

ClientSampleId :

B-15(5-6)-101717

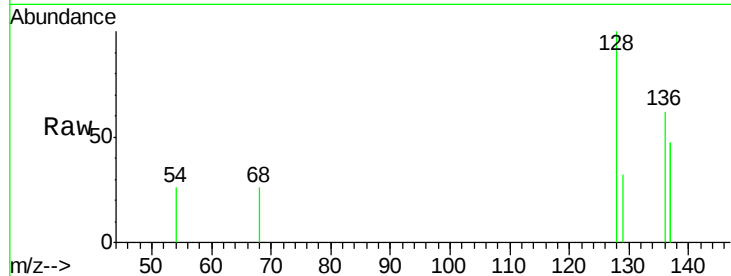
Tot Ion:128 Resp: 445

Ion Ratio Lower Upper

128 100

129 32.1 11.3 16.9#

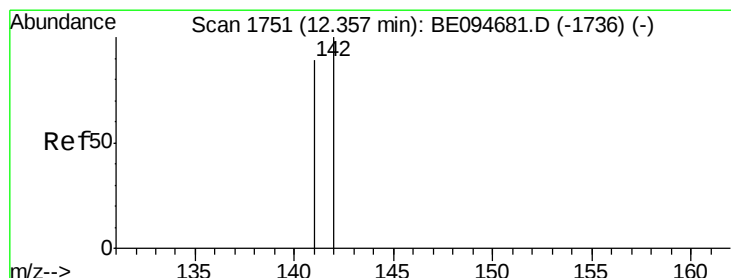
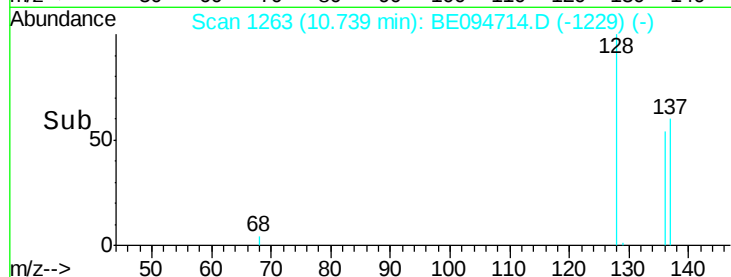
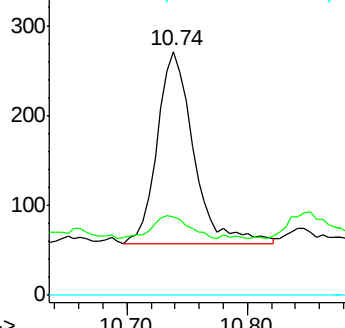
127 0.0 4.0 6.0#



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: 0.04 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BE094714.D

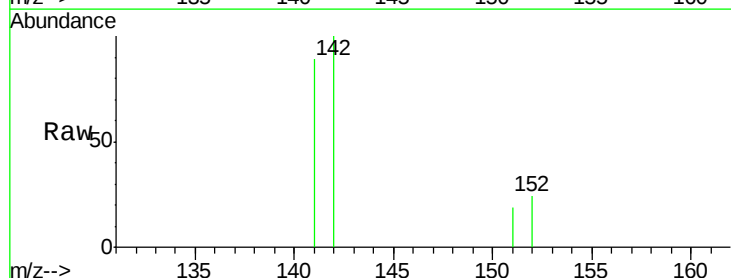
Acq: 3 Nov 2017 19:07

Tgt Ion:142 Resp: 539

Ion Ratio Lower Upper

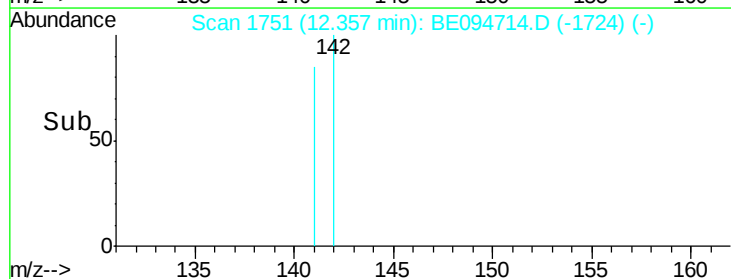
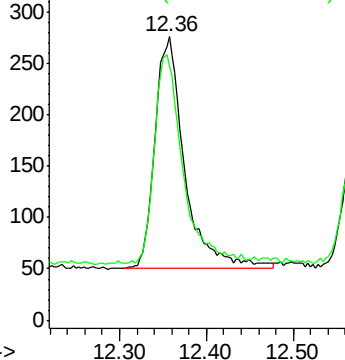
142 100

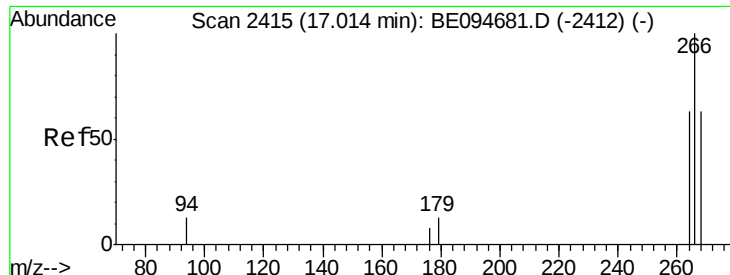
141 85.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

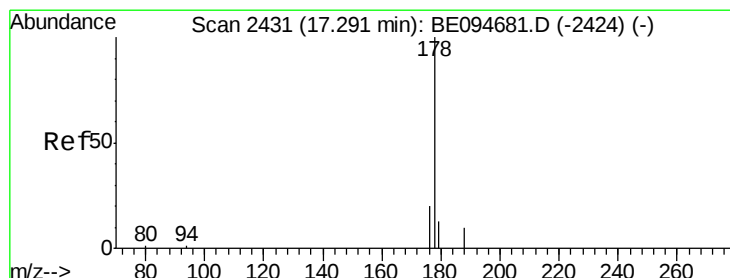
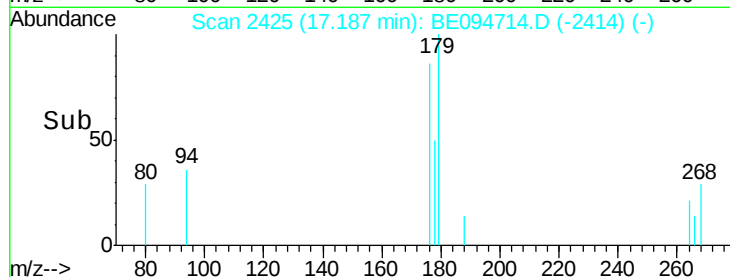
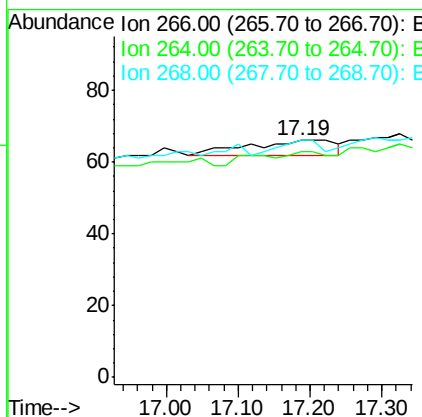
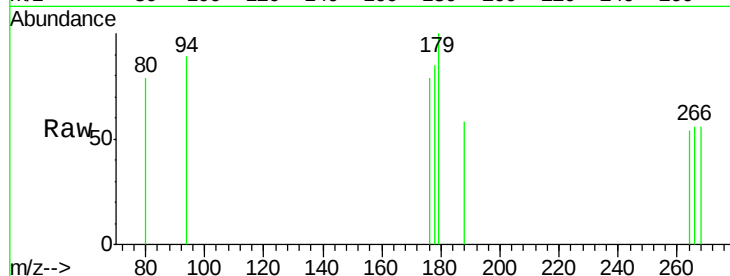




#11
 Pentachlorophenol
 Concen: 0.07 ng/ul
 RT: 17.19 min Scan# 2425
 Delta R.T. 0.09 min
 Lab File: BE094714.D
 Acq: 3 Nov 2017 19:07

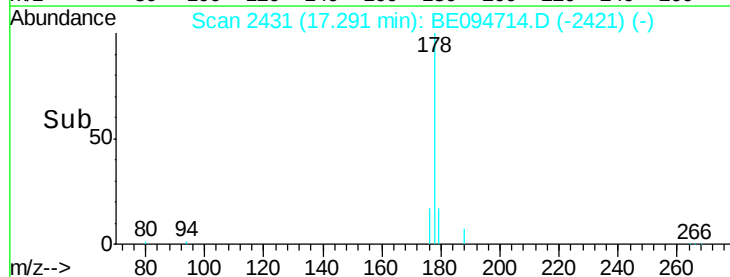
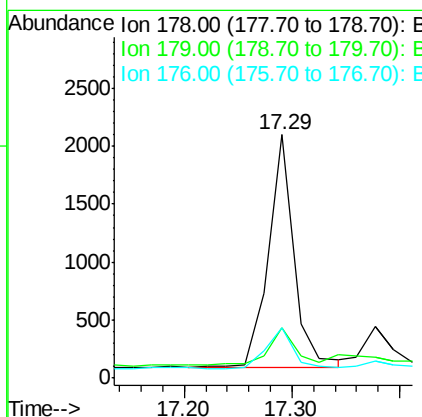
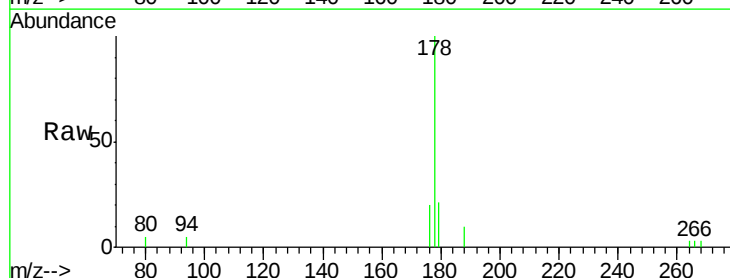
Instrument :
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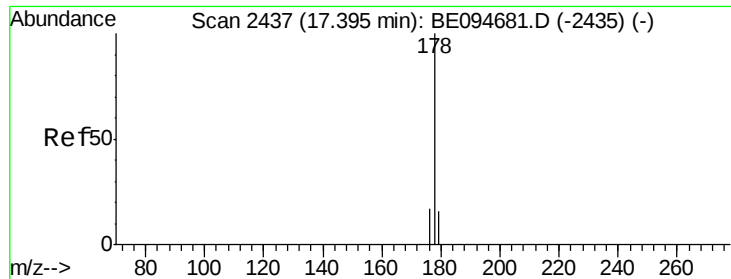
Tot Ion:266 Resp: 34
 Ion Ratio Lower Upper
 266 100
 264 23.5 47.9 71.9#
 268 47.1 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.13 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094714.D
 Acq: 3 Nov 2017 19:07

Tgt Ion:178 Resp: 3296
 Ion Ratio Lower Upper
 178 100
 179 20.9 18.4 27.6
 176 20.5 13.6 20.4#





#13

Anthracene

Concen: 0.13 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.12 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

Instrument :

BNA_E

ClientSampleId :

B-15(5-6)-101717

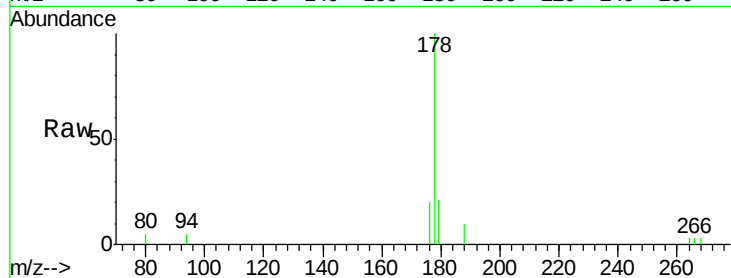
Tot Ion:178 Resp: 3262

Ion Ratio Lower Upper

178 100

179 20.9 18.1 27.1

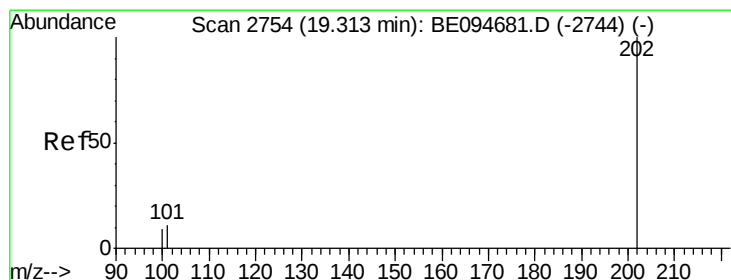
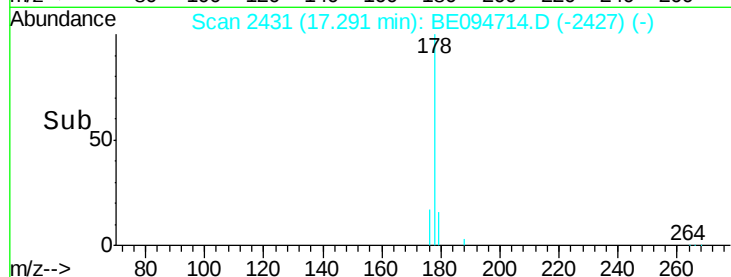
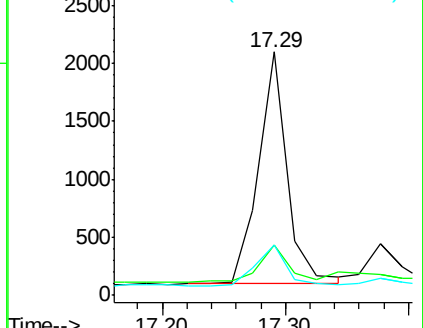
176 20.5 14.7 22.1



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: 0.11 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

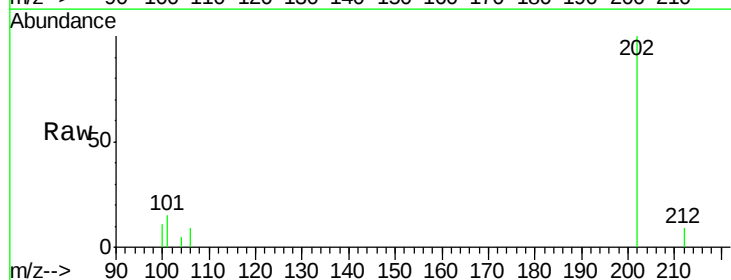
Tgt Ion:202 Resp: 3288

Ion Ratio Lower Upper

202 100

101 15.2 0.0 30.3

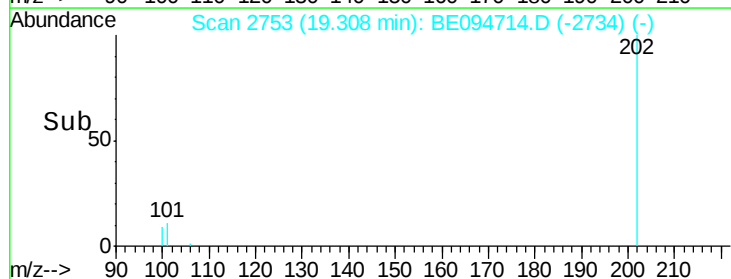
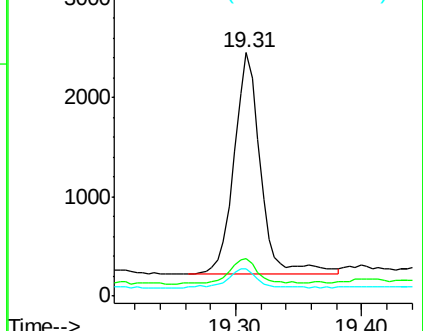
100 11.4 0.0 39.5

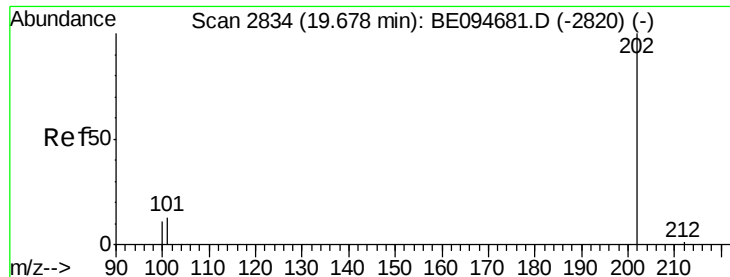


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.15 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

Instrument :

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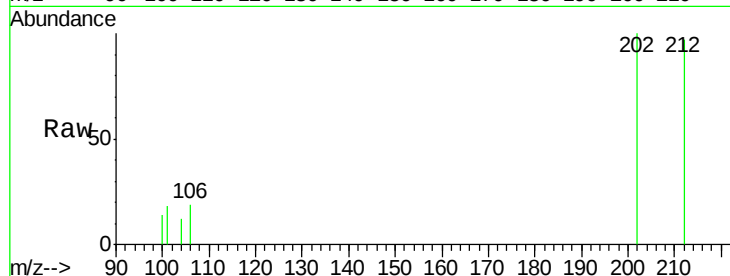
Tot Ion:202 Resp: 4599

Ion Ratio Lower Upper

202 100

101 17.5 18.2 27.4#

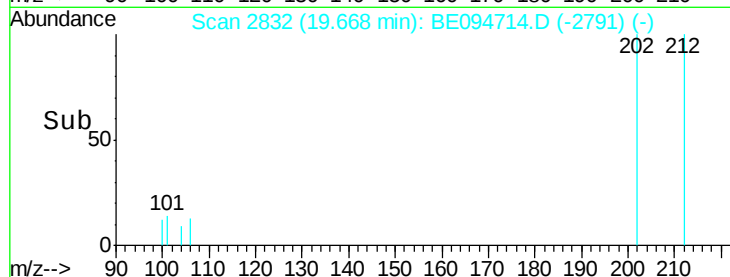
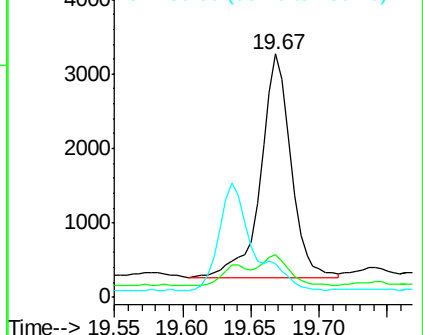
100 14.0 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 0.07 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

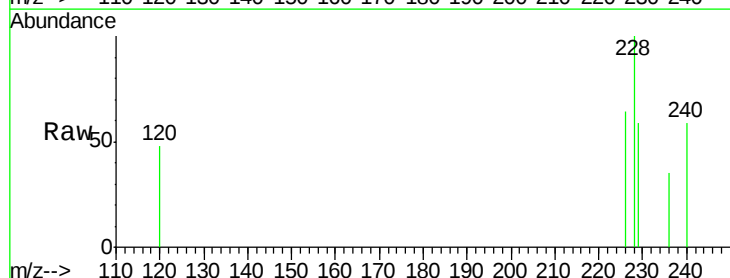
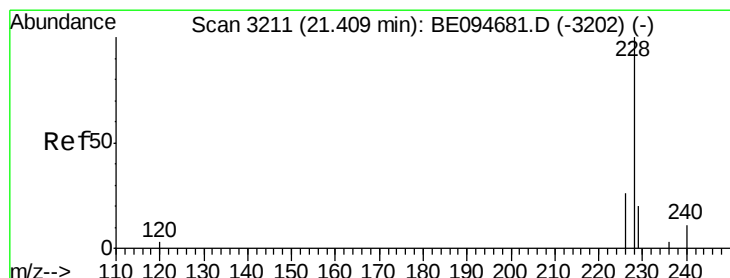
Tgt Ion:228 Resp: 2051

Ion Ratio Lower Upper

228 100

229 58.7 22.8 34.2#

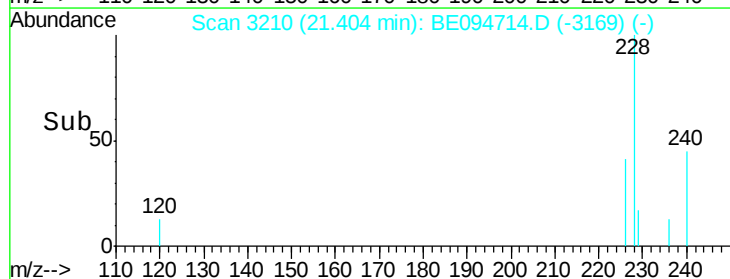
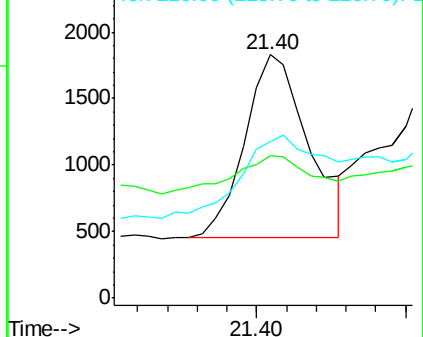
226 64.3 17.0 25.6#

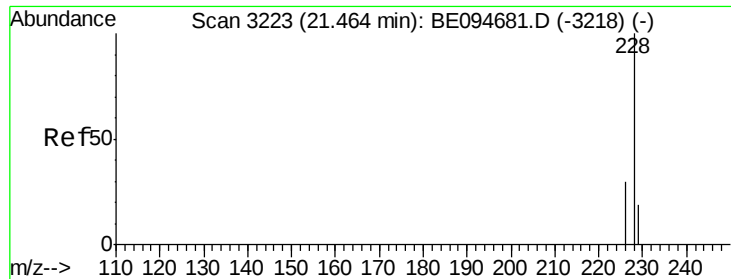


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.09 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

Instrument :

BNA_E

ClientSampleId :

B-15(5-6)-101717

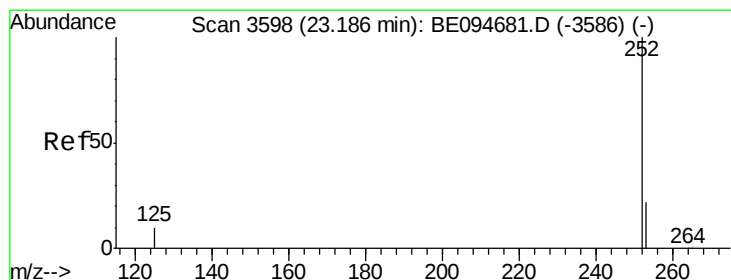
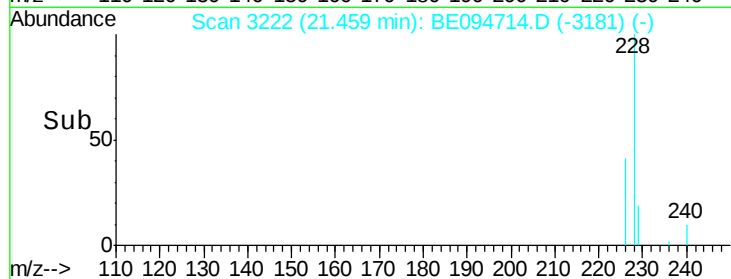
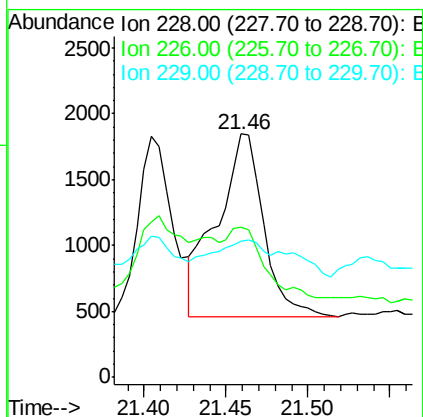
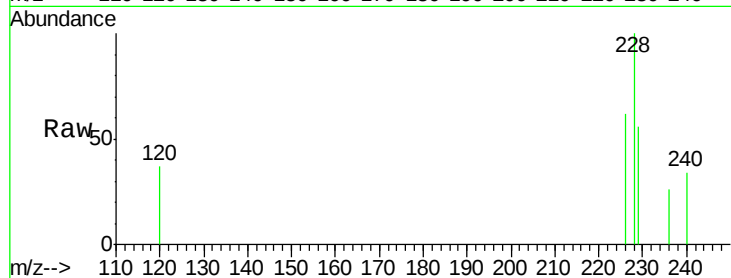
Tot Ion:228 Resp: 2748

Ion Ratio Lower Upper

228 100

226 61.9 23.4 35.0#

229 55.8 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.09 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

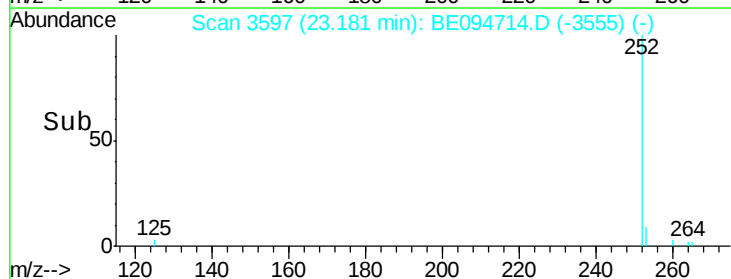
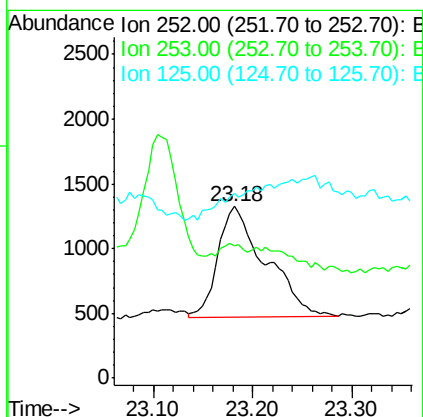
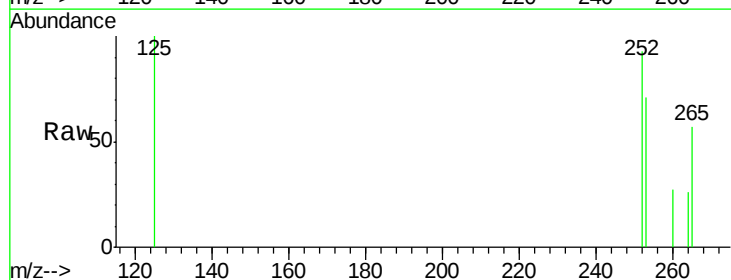
Tgt Ion:252 Resp: 2831

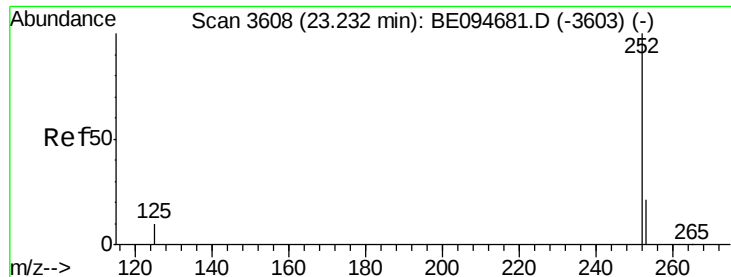
Ion Ratio Lower Upper

252 100

253 76.8 0.0 64.2#

125 108.0 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.08 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.06 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

Instrument :

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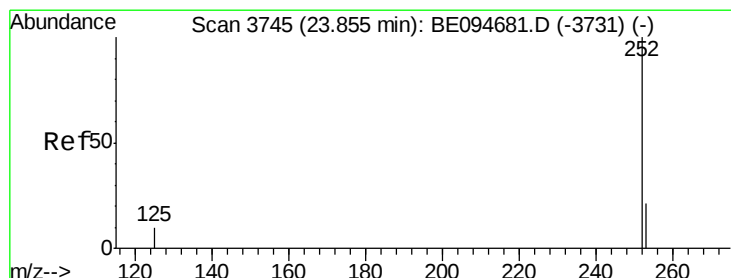
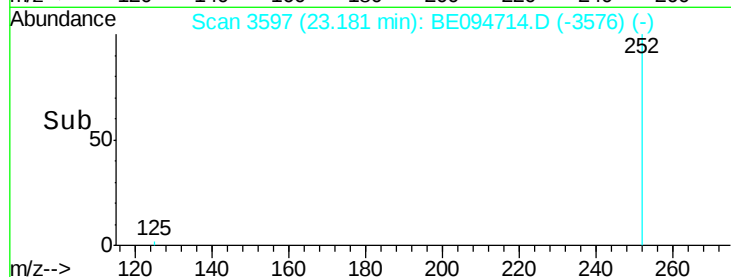
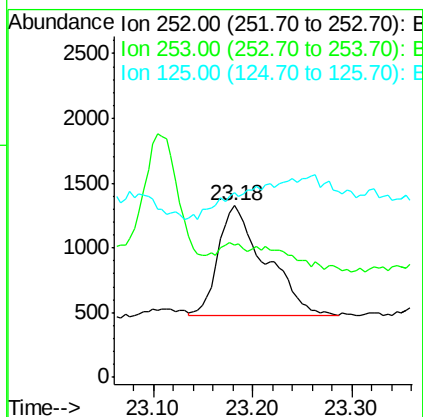
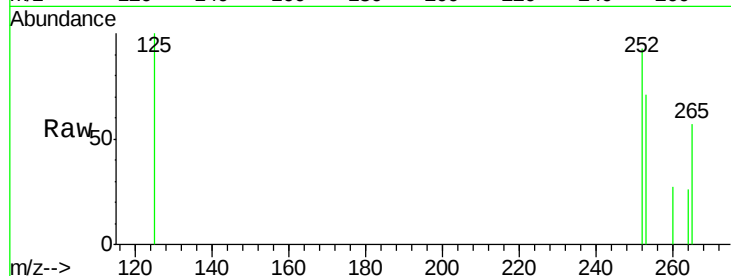
Tot Ion:252 Resp: 2763

Ion Ratio Lower Upper

252 100

253 76.8 24.5 36.7#

125 108.0 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.84 min Scan# 3742

Delta R.T. -0.02 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

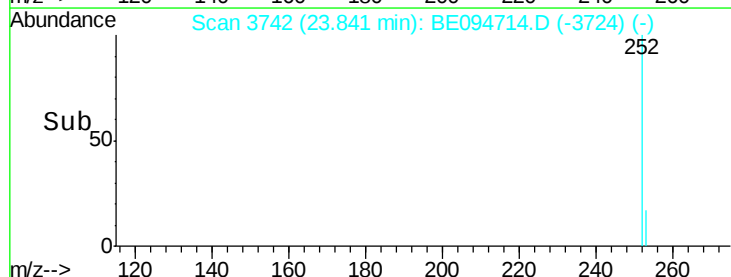
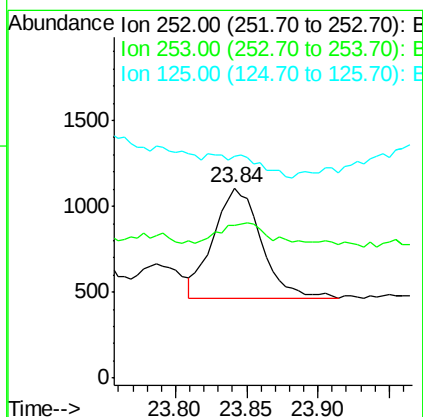
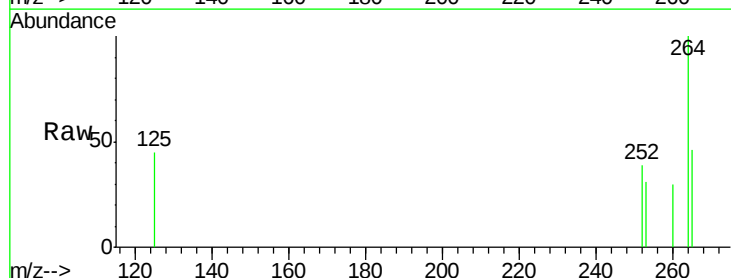
Tgt Ion:252 Resp: 1501

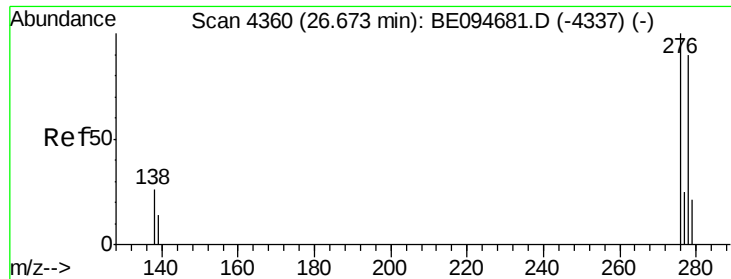
Ion Ratio Lower Upper

252 100

253 80.4 28.5 42.7#

125 116.8 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng/ul

RT: 26.65 min Scan# 4356

Delta R.T. -0.03 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

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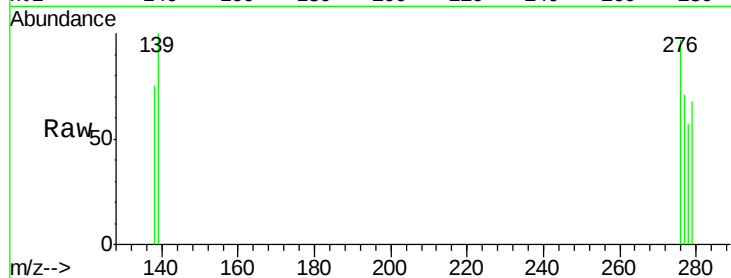
Tot Ion:276 Resp: 898

Ion Ratio Lower Upper

276 100

138 18.4 28.0 42.0#

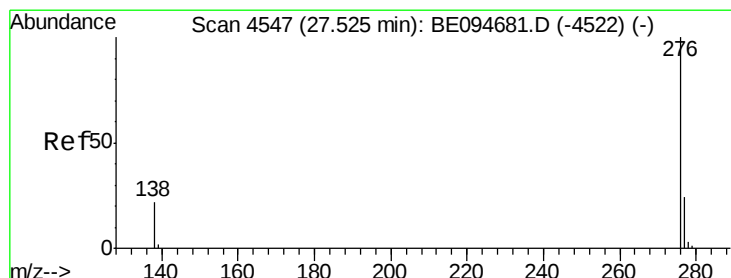
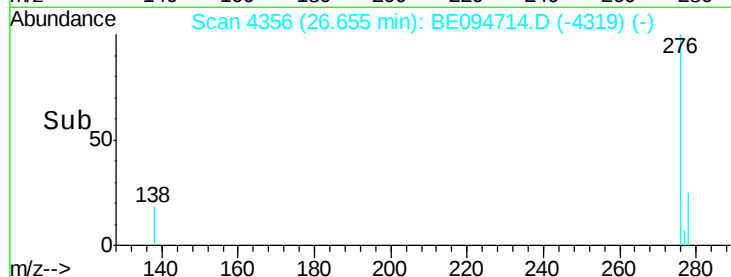
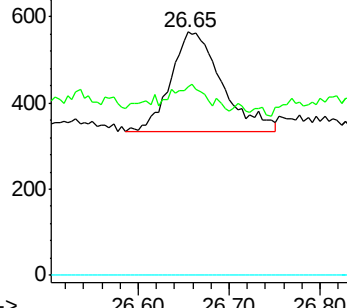
227 0.0 8.0 12.0#



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



#26

Benzo(g,h,i)perylene

Concen: 0.05 ng/ul

RT: 27.50 min Scan# 4542

Delta R.T. -0.01 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

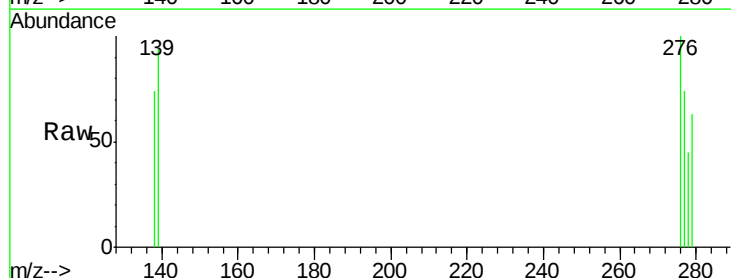
Tgt Ion:276 Resp: 1209

Ion Ratio Lower Upper

276 100

138 73.5 21.8 32.8#

277 73.5 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

