

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111517\
 Data File : BE094813.D
 Acq On : 15 Nov 2017 13:56
 Operator : SJ/JU
 Sample : I6260-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 16 01:02:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 00:58:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	705	0.40	ng/ul	0.01
2) Naphthalene-d8	10.72	136	4109	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	2612	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	6548	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8209	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	7694	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	1386	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	5551	0.25	ng/ul	0.00

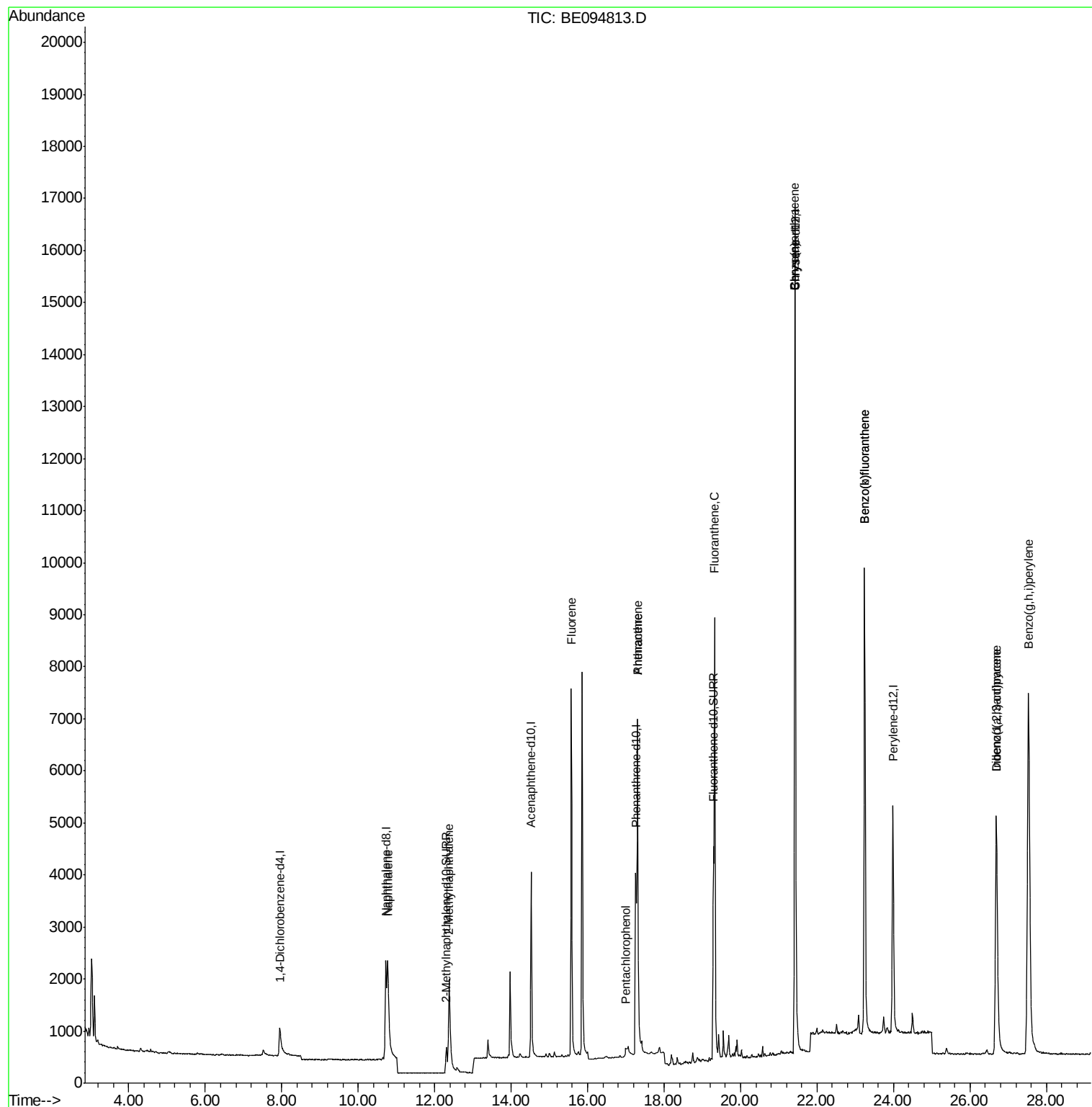
Target Compounds				Ovalue		
3) Naphthalene	10.77	128	4691	0.48	ng/ul#	95
5) 2-Methylnaphthalene	12.38	142	3169	0.47	ng/ul	98
9) Fluorene	15.57	166	5253	0.51	ng/ul	93
11) Pentachlorophenol	17.00	266	322	0.93	ng/ul	88
12) Phenanthrene	17.31	178	10033	0.57	ng/ul#	93
13) Anthracene	17.31	178	10150	0.57	ng/ul#	94
15) Fluoranthene	19.32	202	12122	0.53	ng/ul	84
18) Benzo(a)anthracene	21.42	228	17614	0.71	ng/ul#	86
19) Chrysene	21.42	228	17631	0.71	ng/ul	96
21) Benzo(b)fluoranthene	23.24	252	15267	0.67	ng/ul	87
22) Benzo(k)fluoranthene	23.24	252	15267	0.63	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.69	276	12578	0.51	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.70	278	427	0.02	ng/ul#	10
26) Benzo(g,h,i)perylene	27.53	276	21232	1.02	ng/ul	94

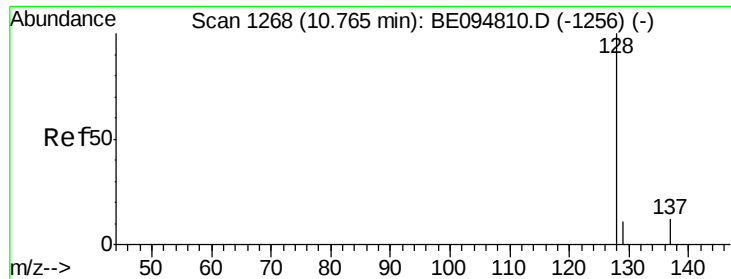
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.48 ng/ul

RT: 10.77 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BE094813.D

Acq: 15 Nov 2017 13:56

Instrument :

BNA_E

ClientSampleId :

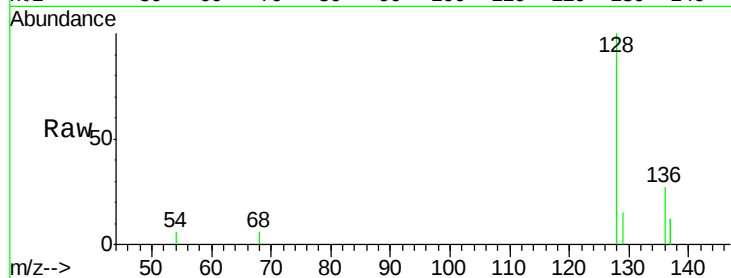
Tot Ion:128 Resp: 4691

Ion Ratio Lower Upper

128 100

129 14.8 11.3 16.9

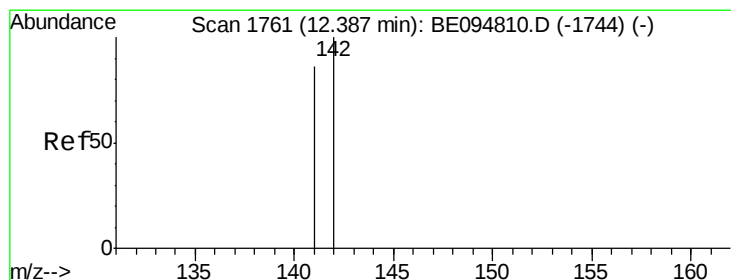
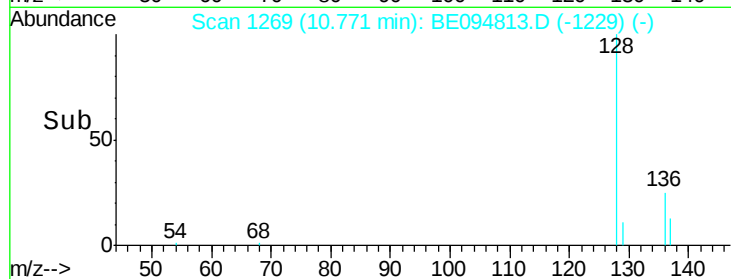
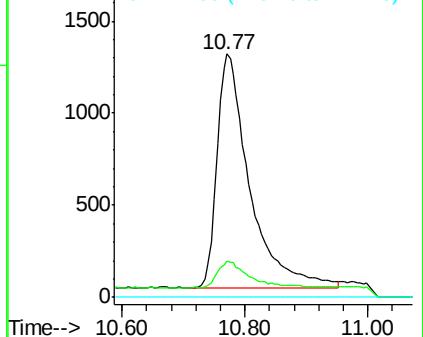
127 0.0 4.0 6.0#



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: 0.47 ng/ul

RT: 12.38 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BE094813.D

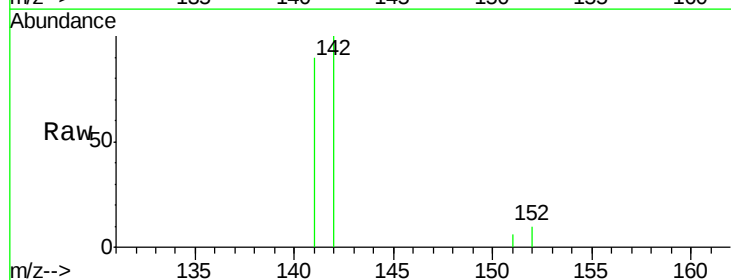
Acq: 15 Nov 2017 13:56

Tgt Ion:142 Resp: 3169

Ion Ratio Lower Upper

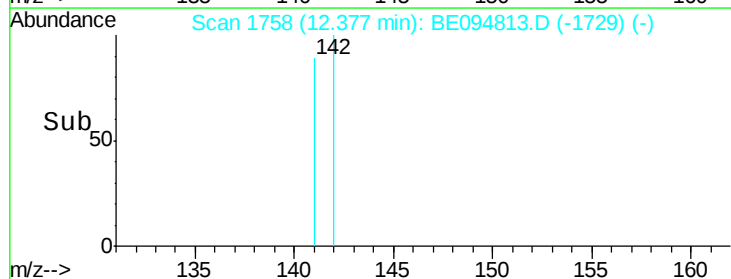
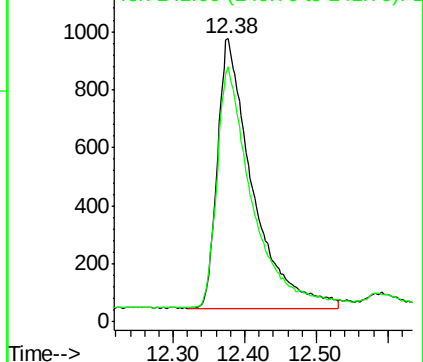
142 100

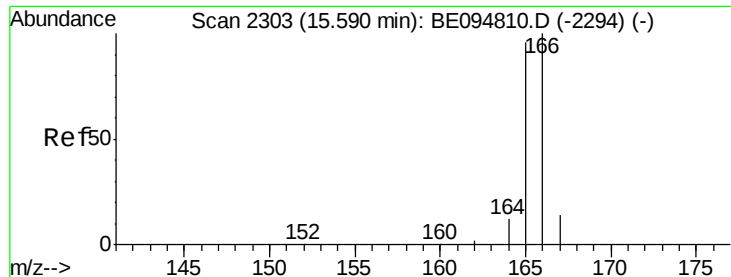
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

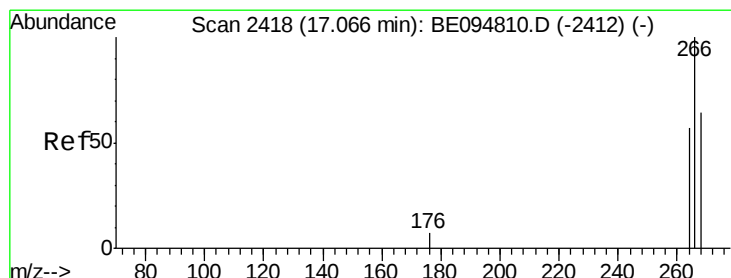
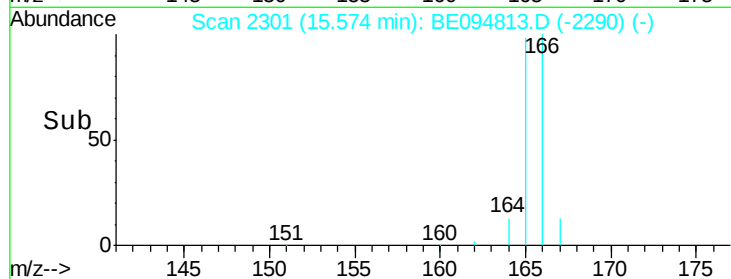
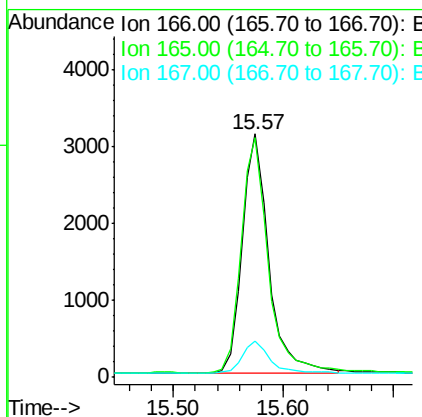
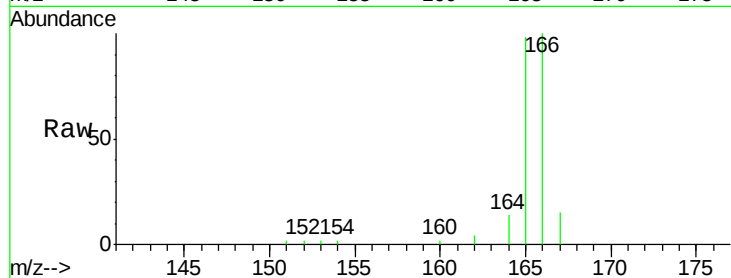




#9
Fluorene
 Concen: 0.51 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BE094813.D
 Acq: 15 Nov 2017 13:56

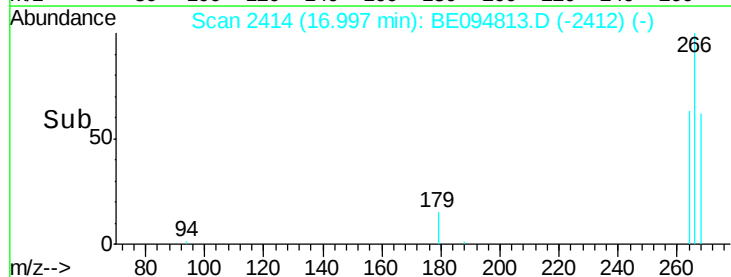
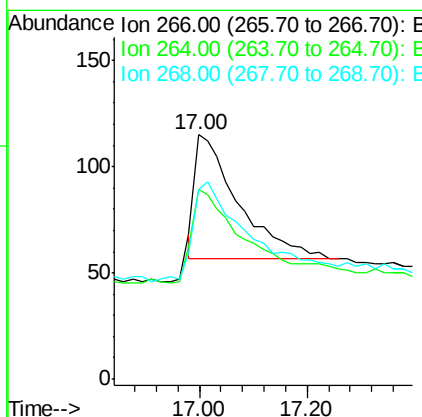
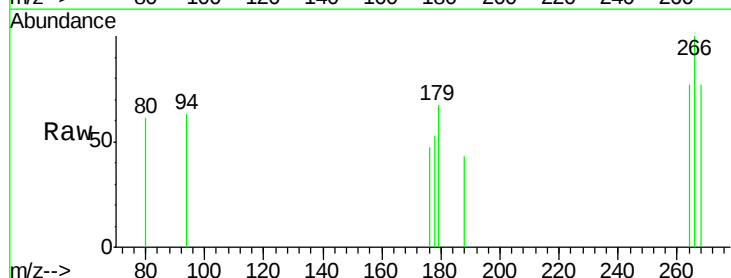
Instrument :
 BNA_E
 ClientSampleId :

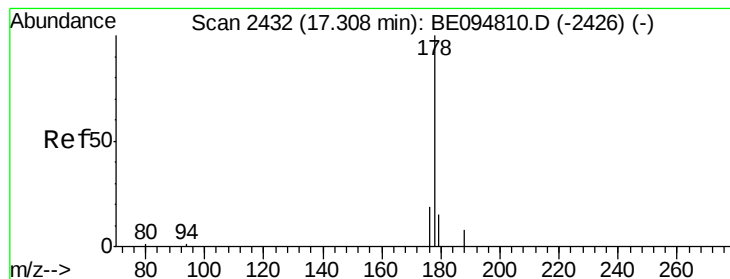
Tot Ion:166 Resp: 5253
 Ion Ratio Lower Upper
 166 100
 165 98.4 73.4 110.2
 167 14.9 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.93 ng/ul
 RT: 17.00 min Scan# 2414
 Delta R.T. -0.07 min
 Lab File: BE094813.D
 Acq: 15 Nov 2017 13:56

Tgt Ion:266 Resp: 322
 Ion Ratio Lower Upper
 266 100
 264 68.0 47.9 71.9
 268 71.7 49.8 74.8





#12

Phenanthrene

Concen: 0.57 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094813.D

Acq: 15 Nov 2017 13:56

Instrument :

BNA_E

ClientSampleId :

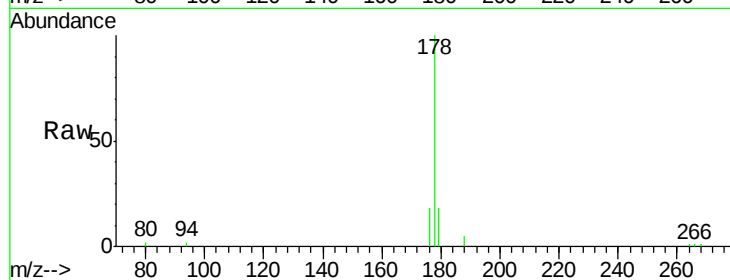
Tot Ion:178 Resp: 10033

Ion Ratio Lower Upper

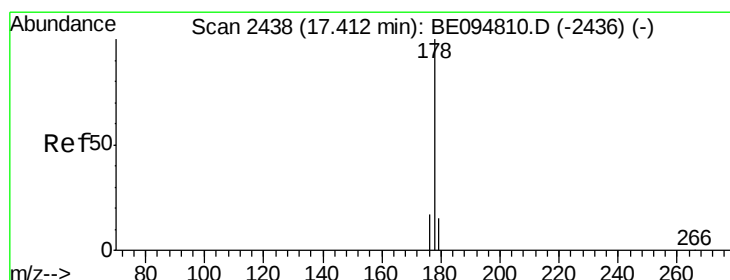
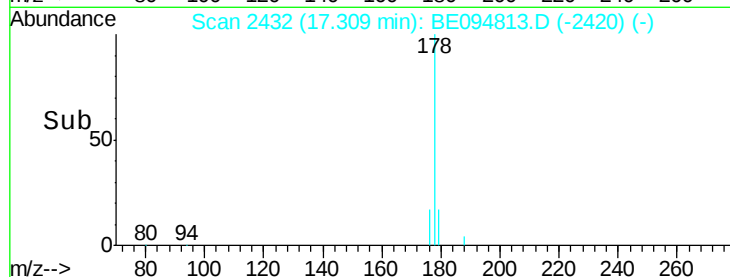
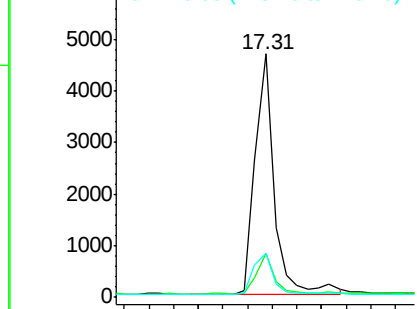
178 100

179 17.9 18.4 27.6#

176 17.9 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: 0.57 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. -0.10 min

Lab File: BE094813.D

Acq: 15 Nov 2017 13:56

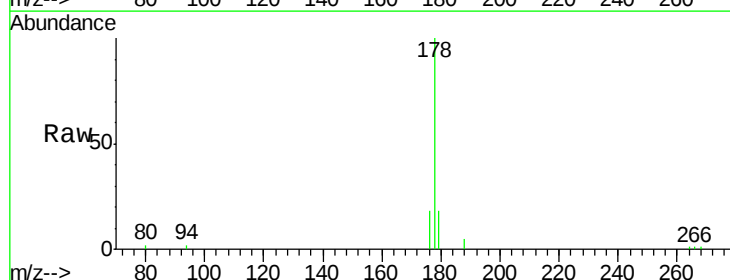
Tgt Ion:178 Resp: 10150

Ion Ratio Lower Upper

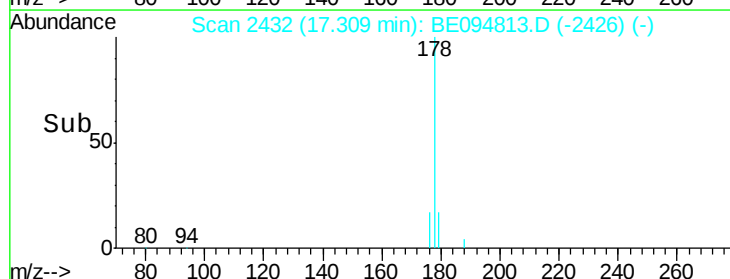
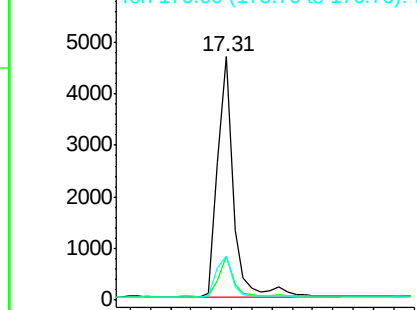
178 100

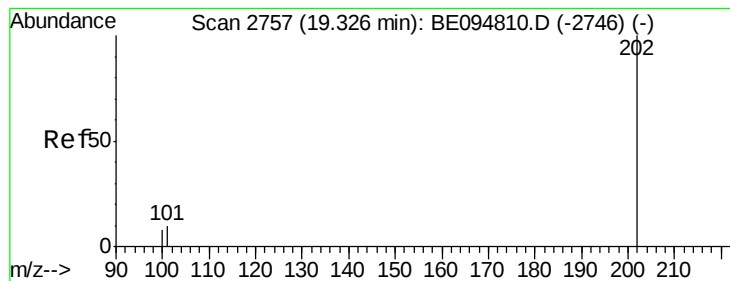
179 17.9 18.1 27.1#

176 17.9 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: 0.53 ng/ul

RT: 19.32 min Scan# 2756

Delta R.T. -0.00 min

Lab File: BE094813.D

Acq: 15 Nov 2017 13:56

Instrument :

BNA_E

ClientSampleId :

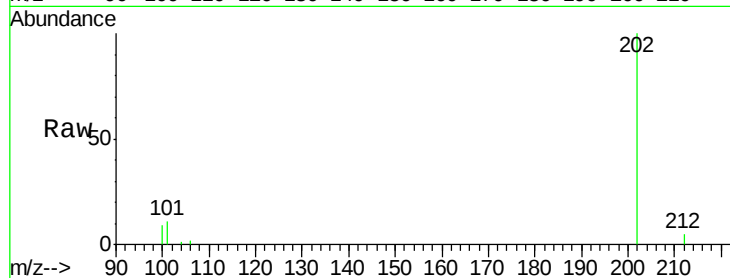
Tot Ion:202 Resp: 12122

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.3

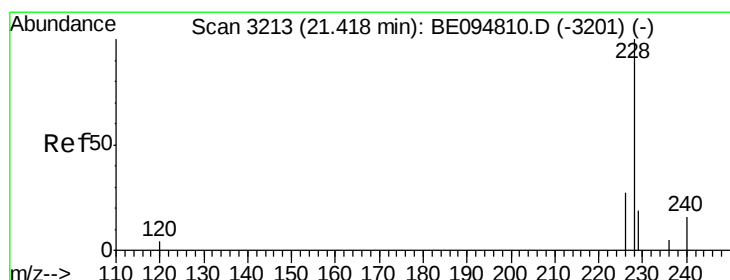
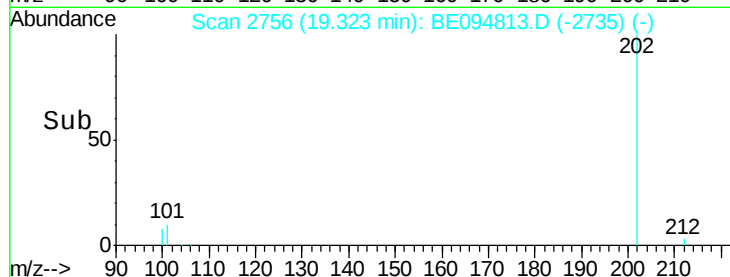
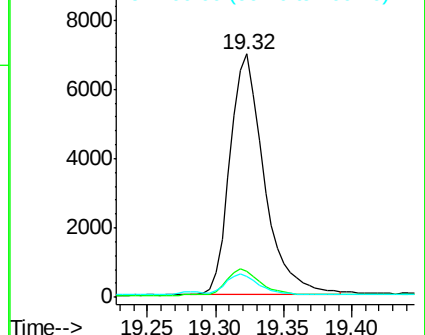
100 8.7 0.0 39.5



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): BE



#18

Benzo(a)anthracene

Concen: 0.71 ng/ul

RT: 21.42 min Scan# 3212

Delta R.T. -0.00 min

Lab File: BE094813.D

Acq: 15 Nov 2017 13:56

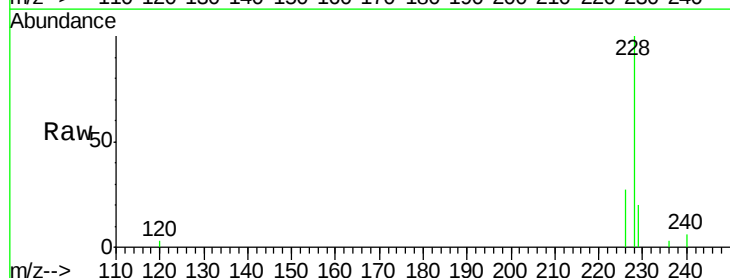
Tgt Ion:228 Resp: 17614

Ion Ratio Lower Upper

228 100

229 20.1 22.8 34.2#

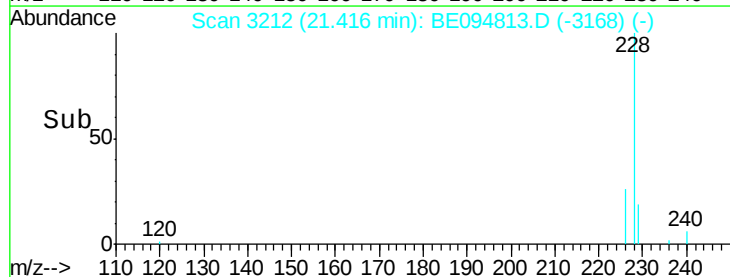
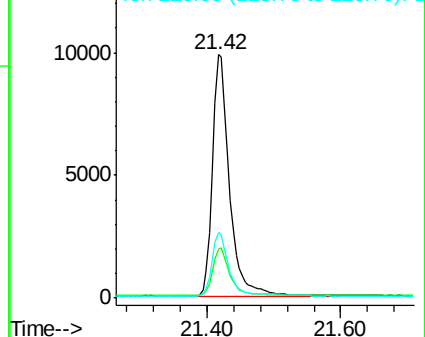
226 27.2 17.0 25.6#

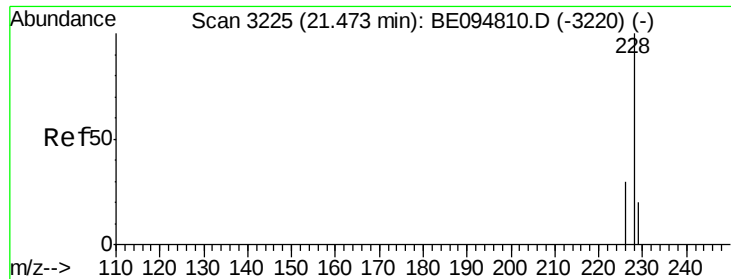


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.71 ng/ul

RT: 21.42 min Scan# 3212

Delta R.T. -0.06 min

Lab File: BE094813.D

Acq: 15 Nov 2017 13:56

Instrument :

BNA_E

ClientSampleId :

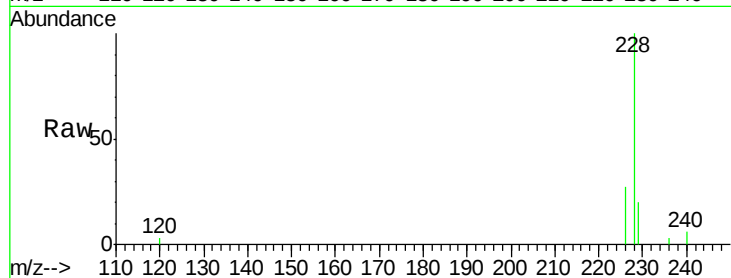
Tot Ion:228 Resp: 17631

Ion Ratio Lower Upper

228 100

226 27.2 23.4 35.0

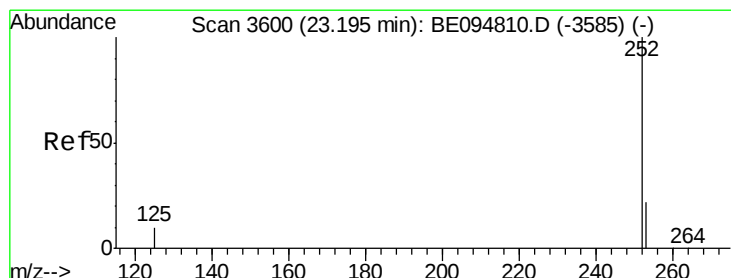
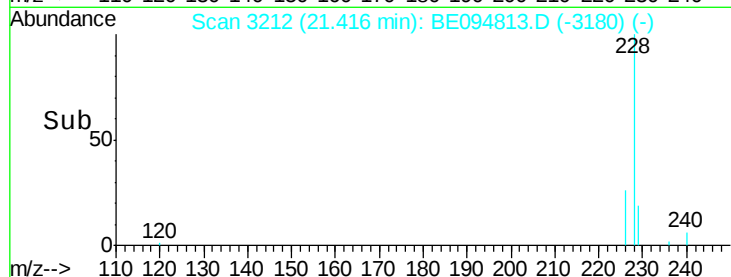
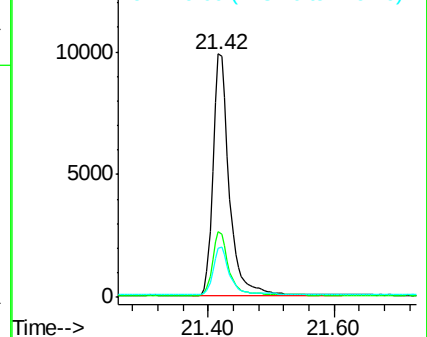
229 20.1 17.7 26.5



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: 0.67 ng/ul

RT: 23.24 min Scan# 3610

Delta R.T. 0.05 min

Lab File: BE094813.D

Acq: 15 Nov 2017 13:56

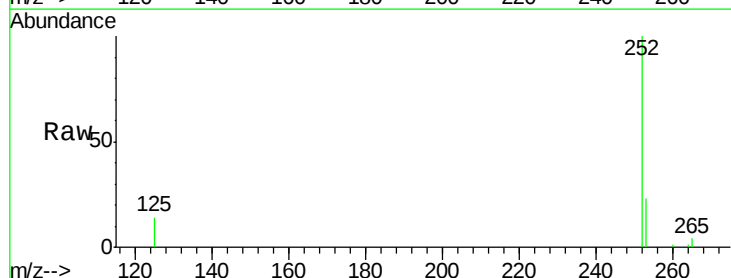
Tgt Ion:252 Resp: 15267

Ion Ratio Lower Upper

252 100

253 23.5 0.0 64.2

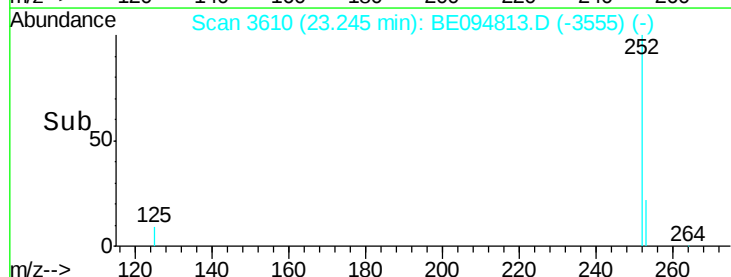
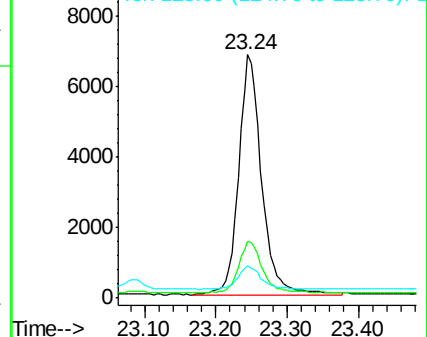
125 13.5 0.0 35.0

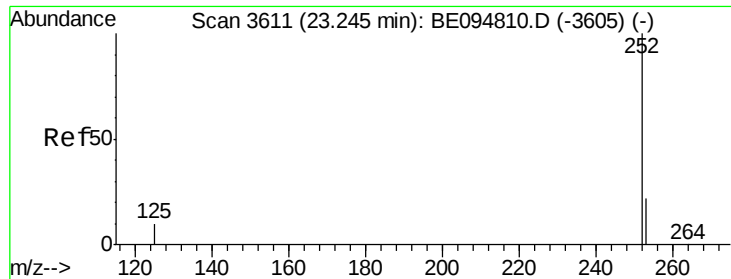


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

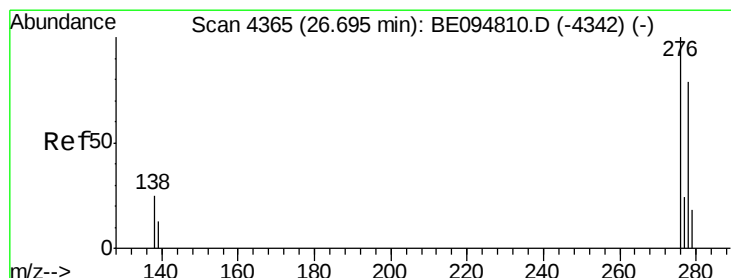
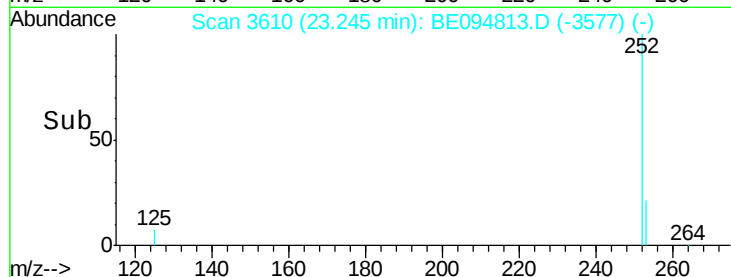
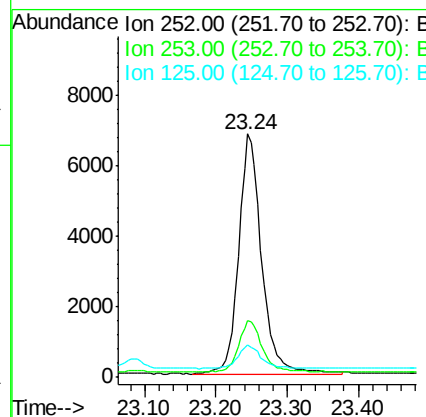
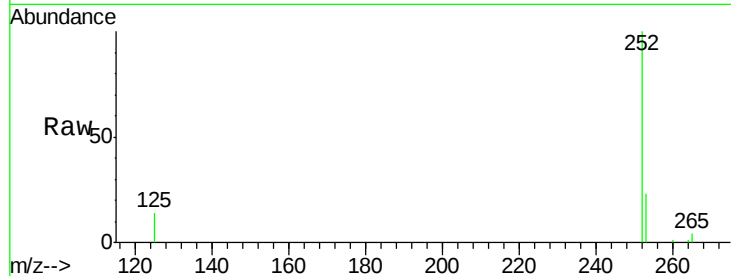




#22
Benzo(k)fluoranthene
Concen: 0.63 ng/ul
RT: 23.24 min Scan# 3610
Delta R.T. 0.00 min
Lab File: BE094813.D
Acq: 15 Nov 2017 13:56

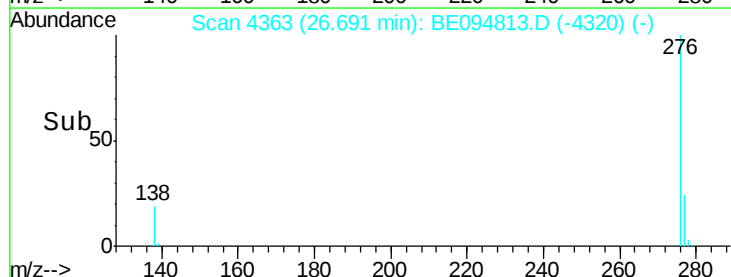
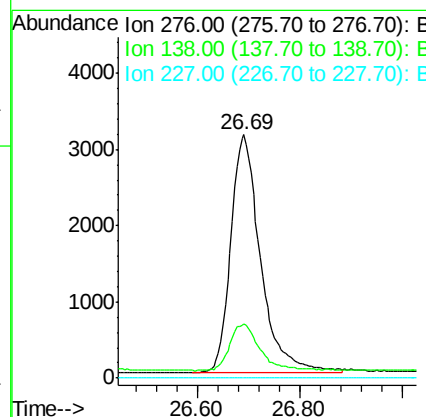
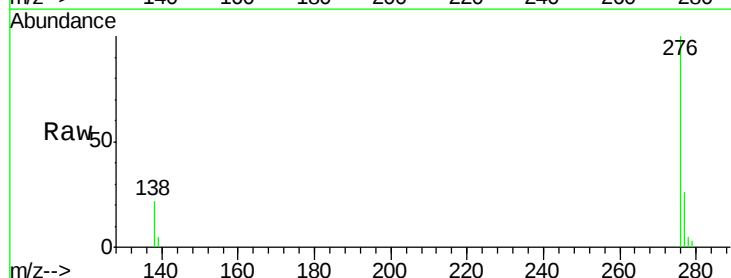
Instrument :
BNA_E
ClientSampleId :

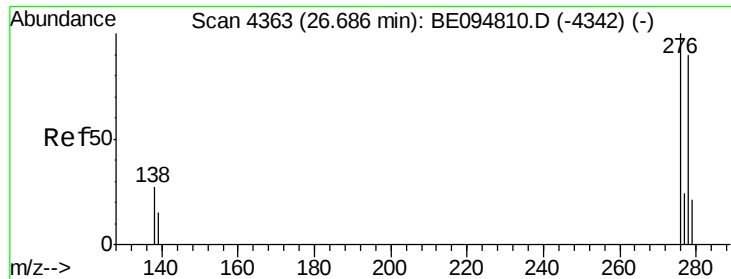
Tot Ion:252 Resp: 15267
Ion Ratio Lower Upper
252 100
253 23.5 24.5 36.7#
125 13.5 13.7 20.5#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.51 ng/ul
RT: 26.69 min Scan# 4363
Delta R.T. -0.00 min
Lab File: BE094813.D
Acq: 15 Nov 2017 13:56

Tgt Ion:276 Resp: 12578
Ion Ratio Lower Upper
276 100
138 19.8 28.0 42.0#
227 0.0 8.0 12.0#

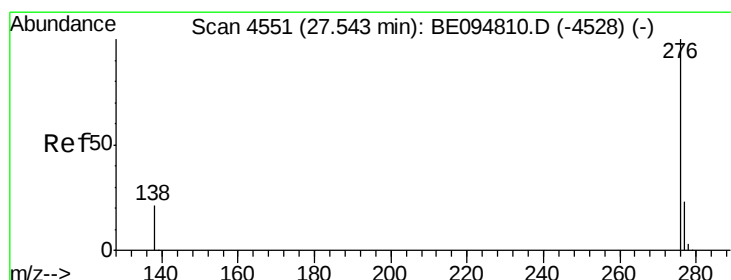
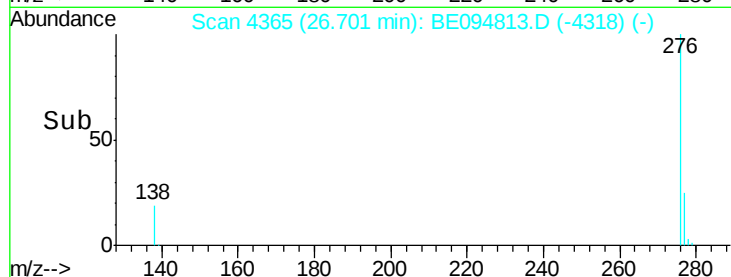
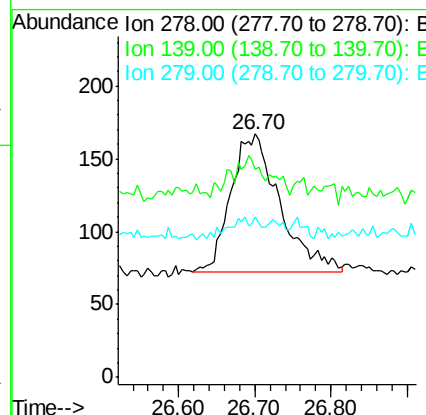
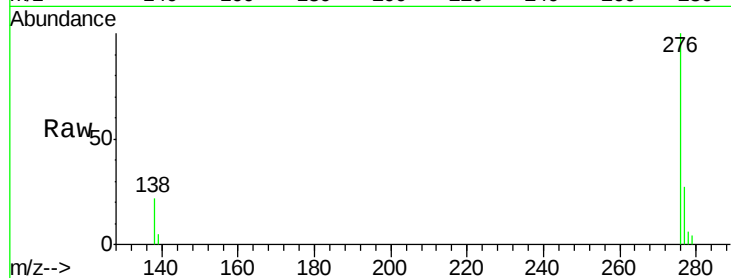




#25
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 26.70 min Scan# 4365
Delta R.T. 0.01 min
Lab File: BE094813.D
Acq: 15 Nov 2017 13:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 427
Ion Ratio Lower Upper
278 100
139 85.6 17.4 26.0#
279 65.9 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.02 ng/ul
RT: 27.53 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BE094813.D
Acq: 15 Nov 2017 13:56

Tgt Ion:276 Resp: 21232
Ion Ratio Lower Upper
276 100
138 22.6 21.8 32.8
277 24.1 20.5 30.7

