

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081117\
 Data File : BE093774.D
 Acq On : 11 Aug 2017 16:50
 Operator : SJ/JU
 Sample : I4489-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X2A58

Quant Time: Aug 12 02:20:23 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration

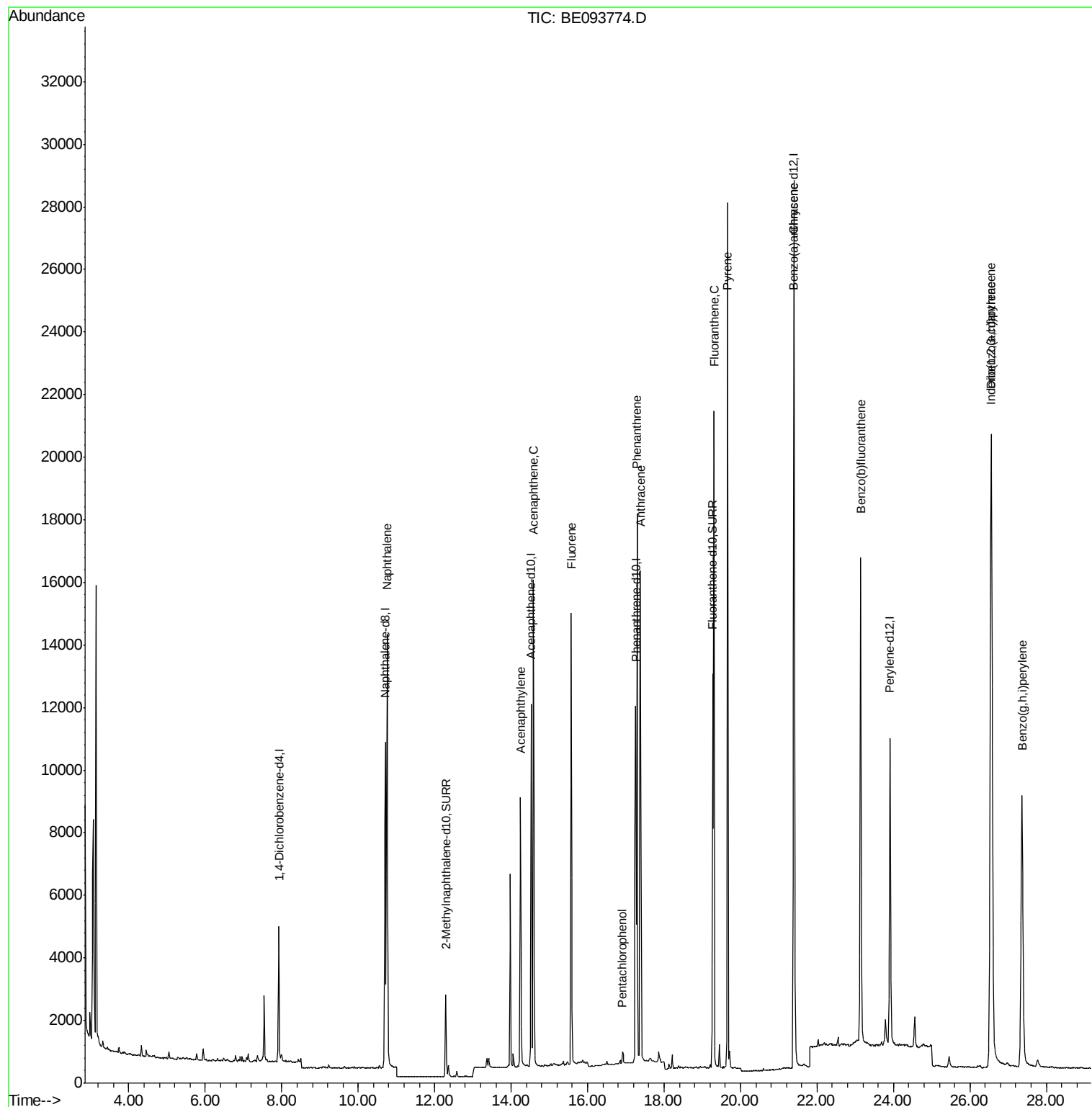
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2192	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11473	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6804	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15977	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16955	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	15255	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4076	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	13669	0.27	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	22087	0.791	ng/ul#	91
7) Acenaphthylene	14.24	152	10805	0.380	ng/ul	97
8) Acenaphthene	14.58	153	9977	0.446	ng/ul	97
9) Fluorene	15.57	166	9583	0.339	ng/ul#	92
11) Pentachlorophenol	16.91	266	401	0.152	ng/ul	94
12) Phenanthrene	17.29	178	18884	0.434	ng/ul#	90
13) Anthracene	17.38	178	18844	0.445	ng/ul#	89
15) Fluoranthene	19.30	202	22761	0.418	ng/ul	84
17) Pyrene	19.66	202	30587	0.618	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	23263	0.473	ng/ul#	85
21) Benzo(b)fluoranthene	23.14	252	21812	0.462	ng/ul	89
24) Indeno(1,2,3-cd)pyrene	26.55	276	30341	0.612	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.57	278	24083	0.582	ng/ul#	90
26) Benzo(g,h,i)perylene	27.36	276	21797	0.522	ng/ul	98

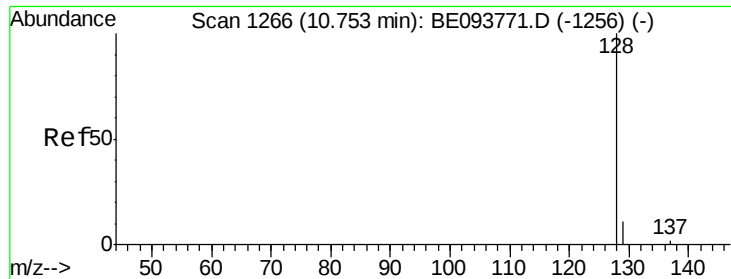
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.791 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

Instrument :

BNA_E

ClientSampleId :

X2A58

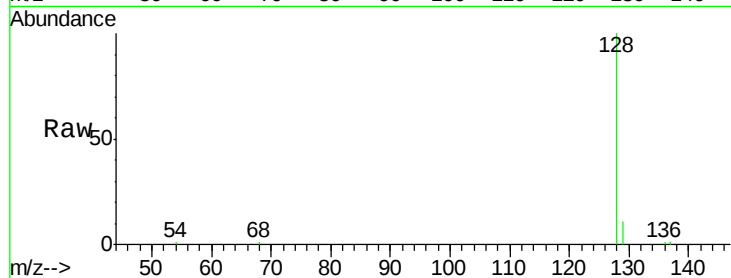
Tgt Ion:128 Resp: 22087

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

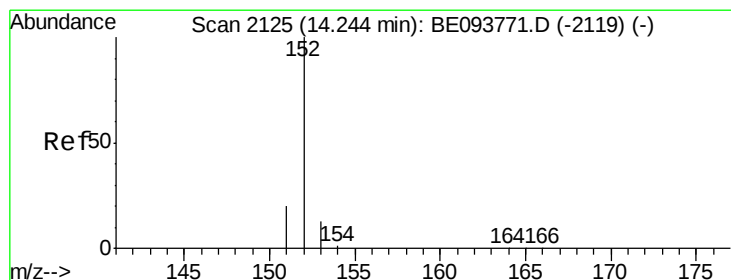
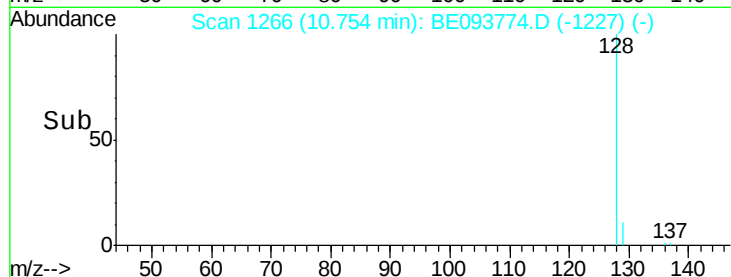
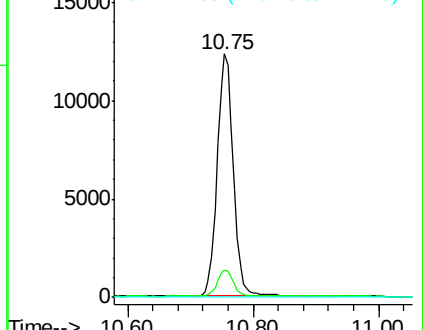
127 0.0 4.0 6.0#



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



#7

Acenaphthylene

Concen: 0.380 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

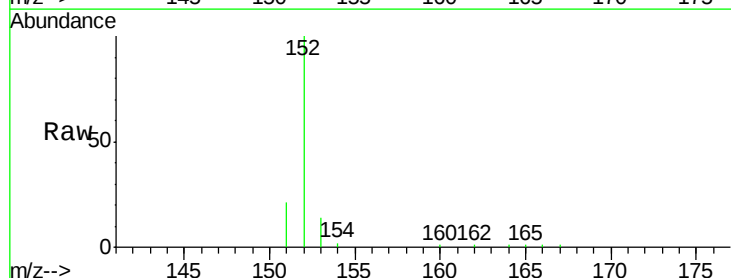
Tgt Ion:152 Resp: 10805

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

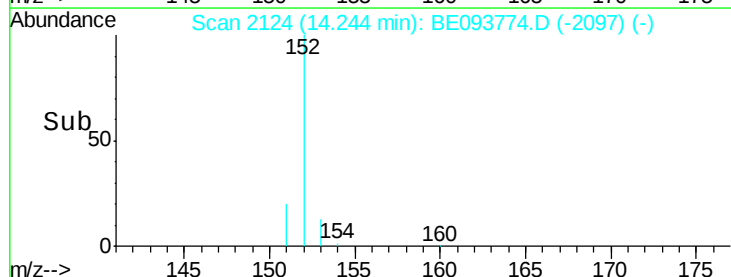
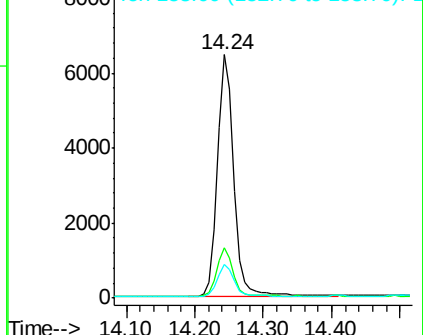
153 13.7 12.8 19.2

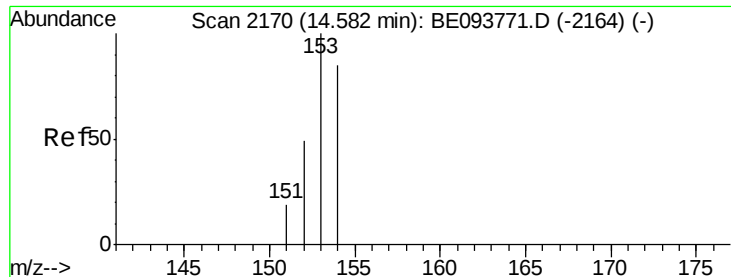


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.446 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

Instrument :

BNA_E

ClientSampleId :

X2A58

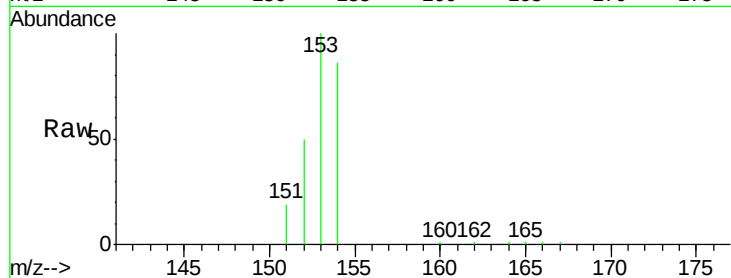
Tgt Ion:153 Resp: 9977

Ion Ratio Lower Upper

153 100

152 49.9 40.3 60.5

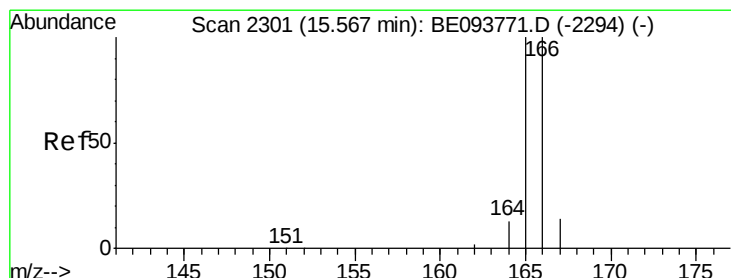
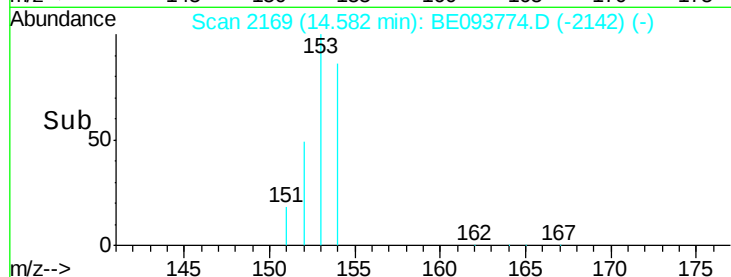
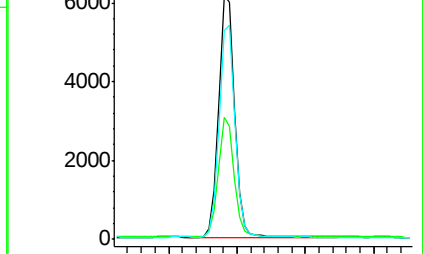
154 85.8 71.4 107.2



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: 0.339 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

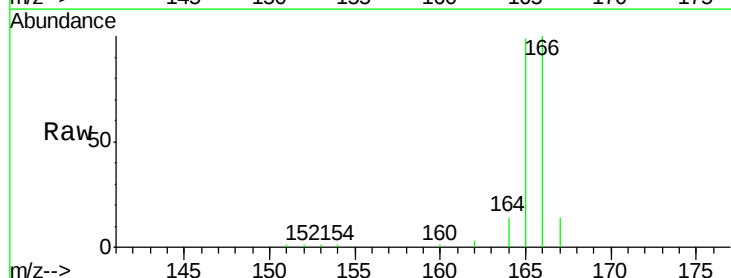
Tgt Ion:166 Resp: 9583

Ion Ratio Lower Upper

166 100

165 98.9 73.4 110.2

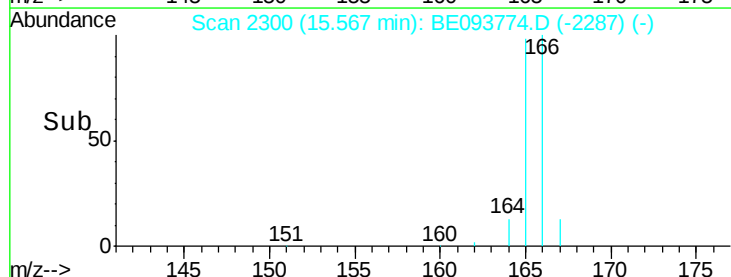
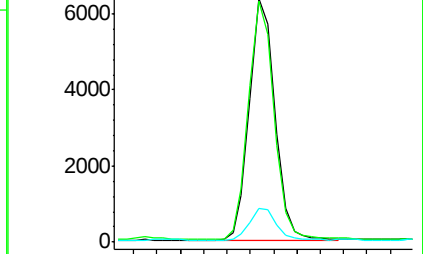
167 13.9 14.6 22.0#

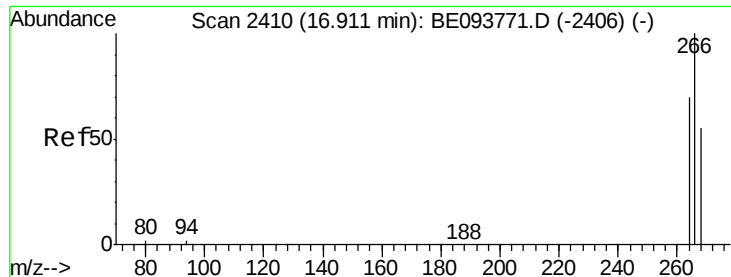


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

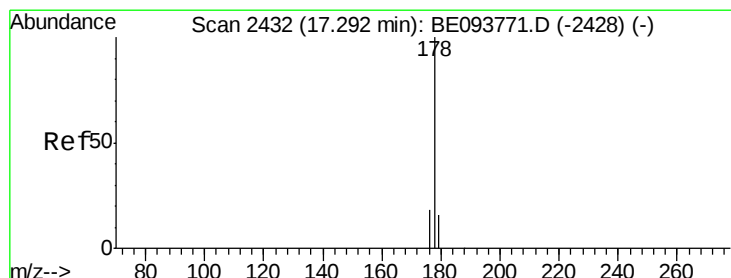
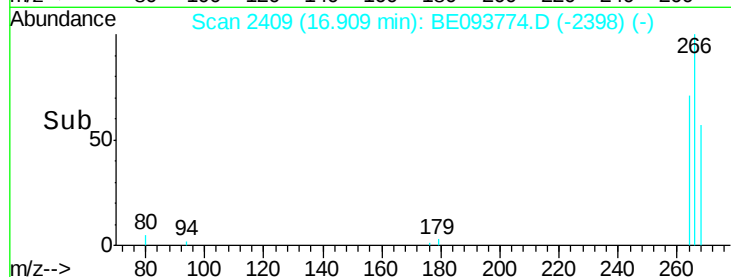
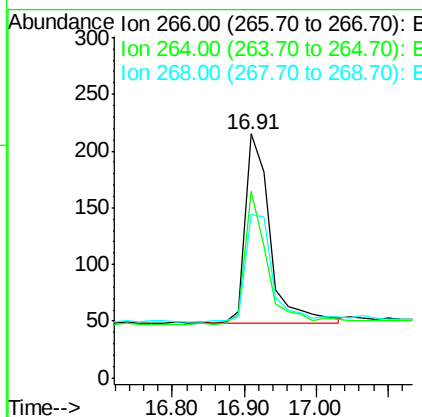
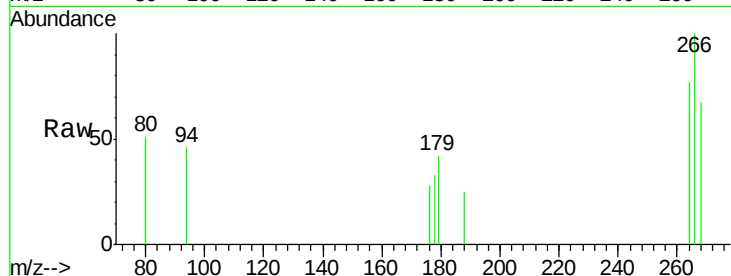




#11
 Pentachlorophenol
 Concen: 0.152 ng/ul
 RT: 16.91 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BE093774.D
 Acq: 11 Aug 2017 16:50

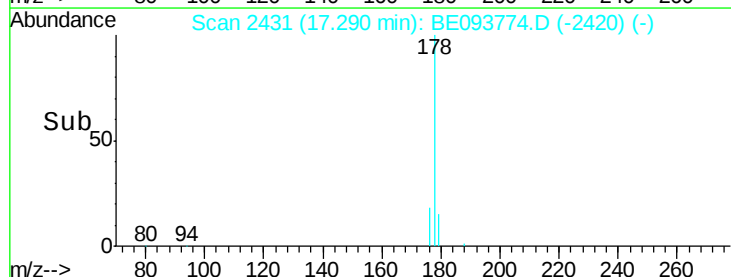
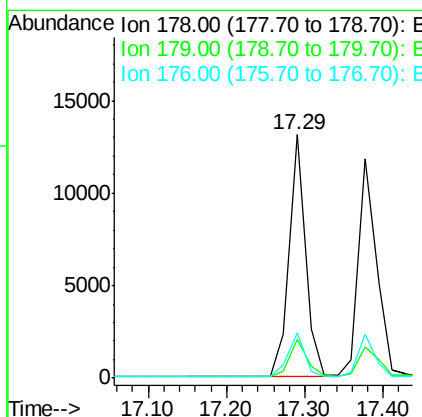
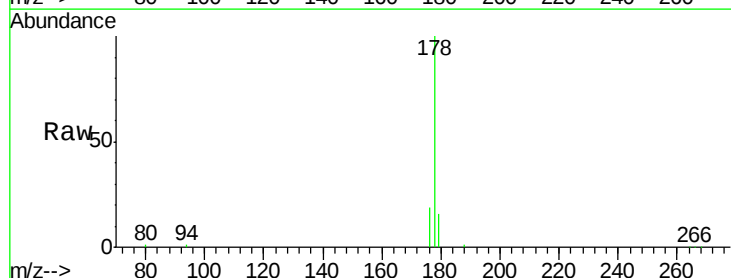
Instrument :
 BNA_E
 ClientSampleId :
 X2A58

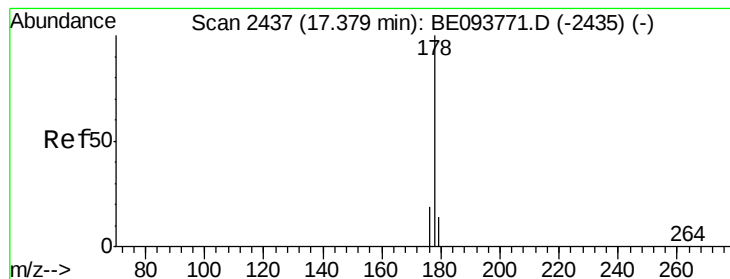
Tgt Ion: 266 Resp: 401
 Ion Ratio Lower Upper
 266 100
 264 66.1 47.9 71.9
 268 65.8 49.8 74.8



#12
 Phenanthrene
 Concen: 0.434 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE093774.D
 Acq: 11 Aug 2017 16:50

Tgt Ion: 178 Resp: 18884
 Ion Ratio Lower Upper
 178 100
 179 15.8 18.4 27.6#
 176 18.6 13.6 20.4





#13

Anthracene

Concen: 0.445 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

Instrument :

BNA_E

ClientSampleId :

X2A58

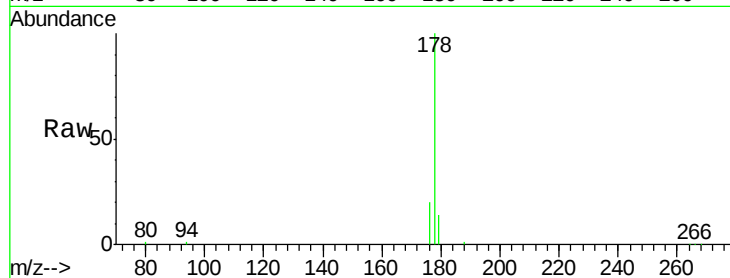
Tgt Ion:178 Resp: 18844

Ion Ratio Lower Upper

178 100

179 14.4 18.1 27.1#

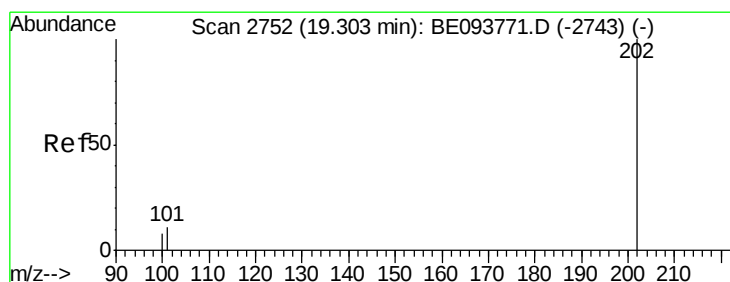
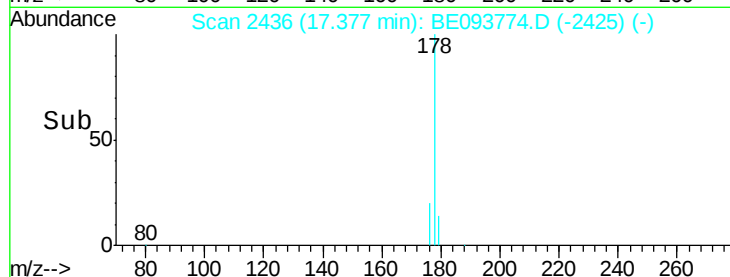
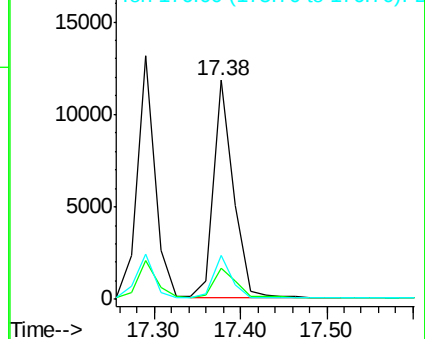
176 20.1 14.7 22.1



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: 0.418 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

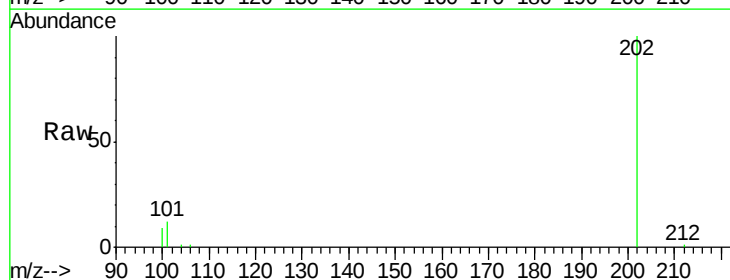
Tgt Ion:202 Resp: 22761

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.3

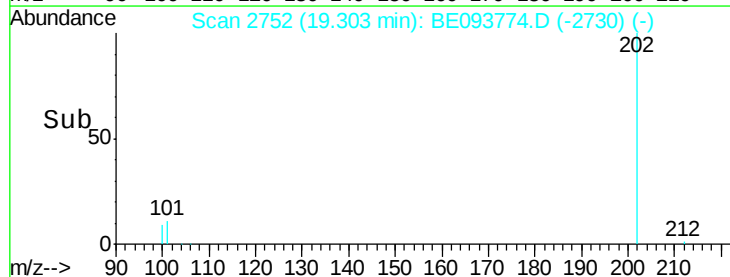
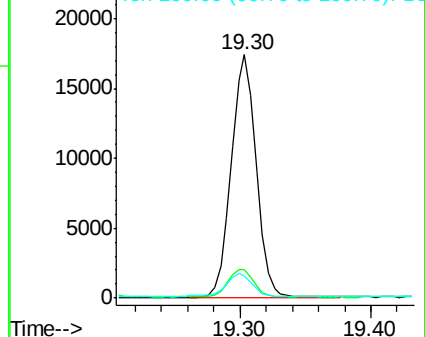
100 9.3 0.0 39.5

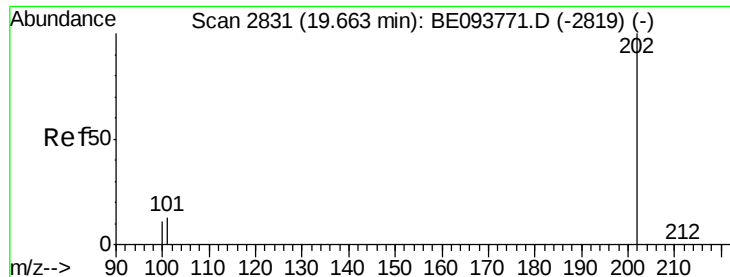


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17

Pyrene

Concen: 0.618 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

Instrument :

BNA_E

ClientSampleId :

X2A58

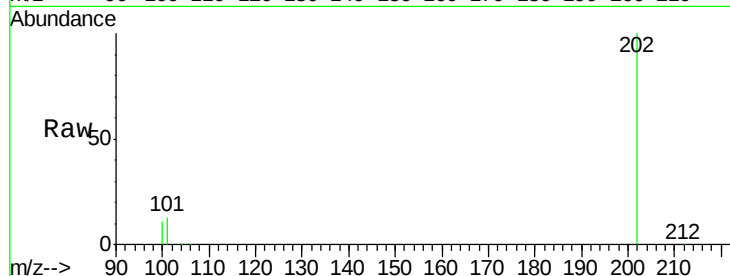
Tgt Ion:202 Resp: 30587

Ion Ratio Lower Upper

202 100

101 13.1 18.2 27.4#

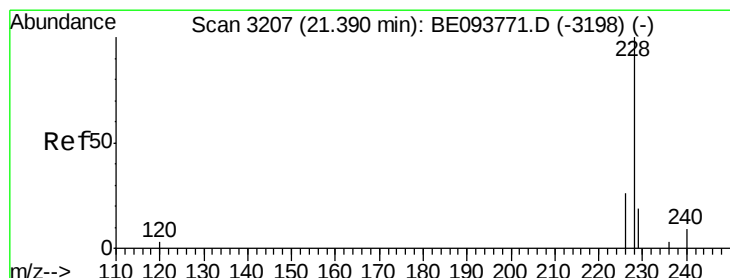
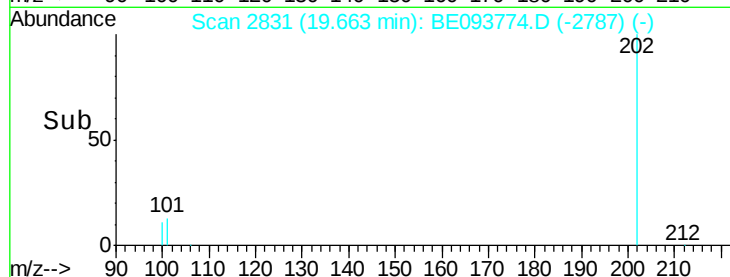
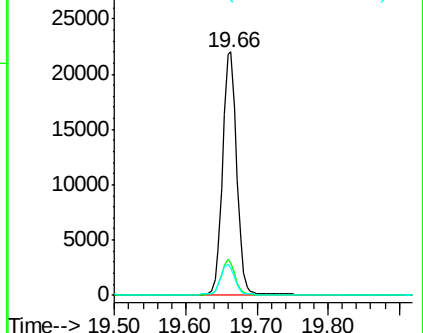
100 11.2 15.6 23.4#



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): BE



#18

Benzo(a)anthracene

Concen: 0.473 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

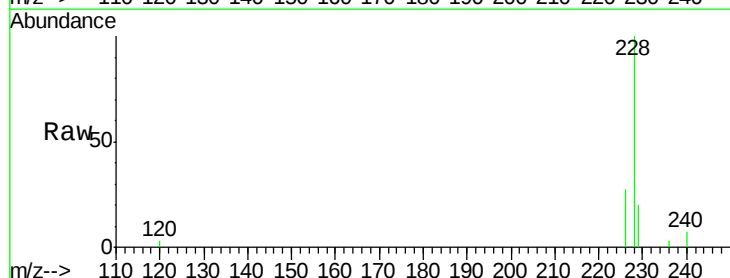
Tgt Ion:228 Resp: 23263

Ion Ratio Lower Upper

228 100

229 19.6 22.8 34.2#

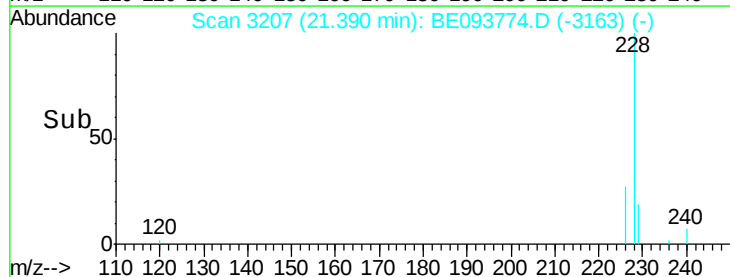
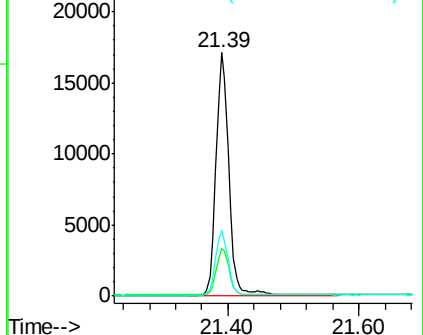
226 27.2 17.0 25.6#

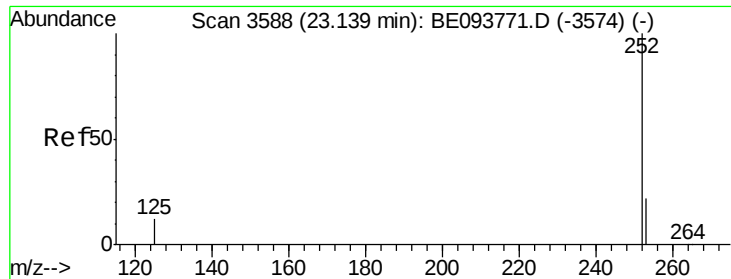


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Benzo(b)fluoranthene

Concen: 0.462 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

Instrument :

BNA_E

ClientSampleId :

X2A58

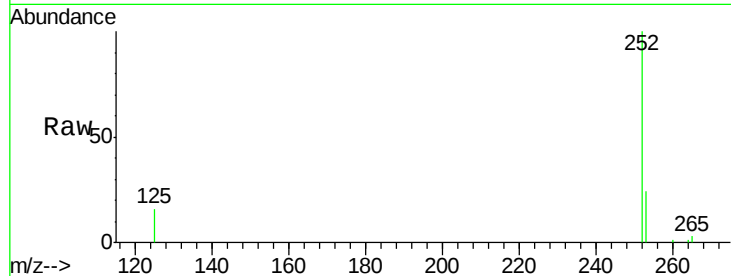
Tgt Ion:252 Resp: 21812

Ion Ratio Lower Upper

252 100

253 23.8 0.0 64.2

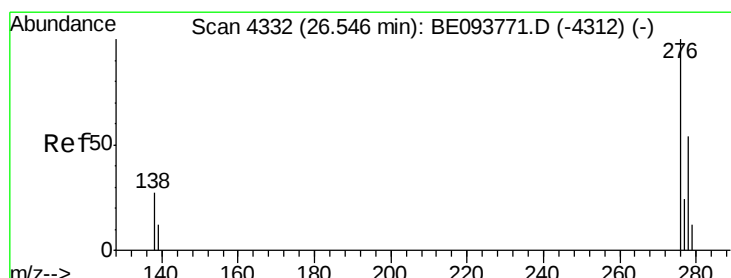
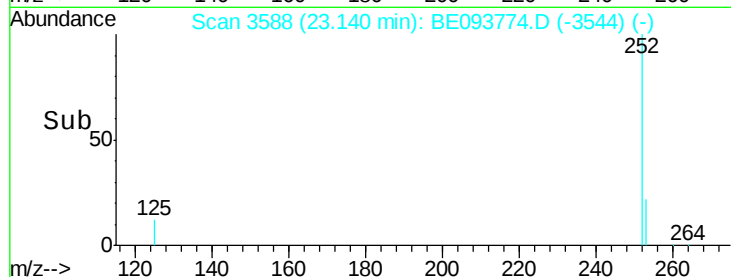
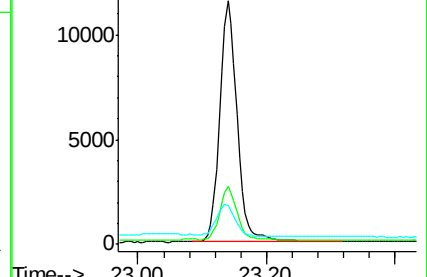
125 16.0 0.0 35.0



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.612 ng/ul

RT: 26.55 min Scan# 4332

Delta R.T. 0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

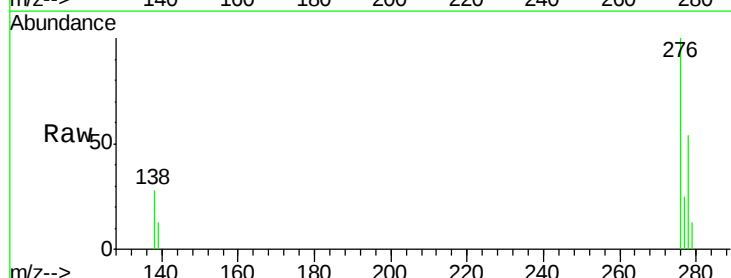
Tgt Ion:276 Resp: 30341

Ion Ratio Lower Upper

276 100

138 28.8 28.0 42.0

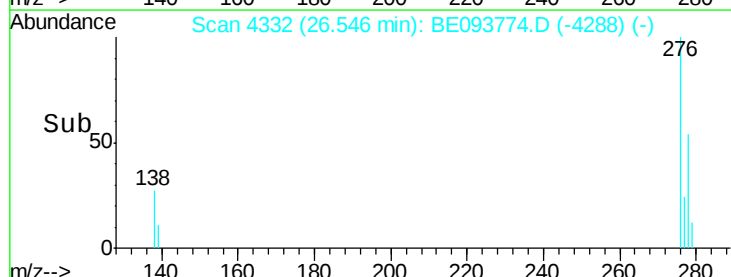
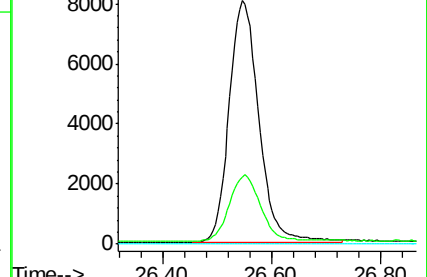
227 0.0 8.0 12.0#

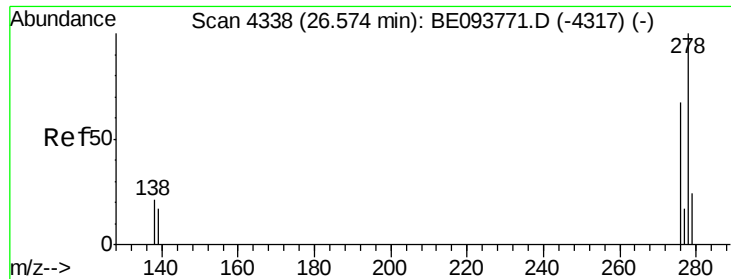


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.582 ng/ul

RT: 26.57 min Scan# 4337

Delta R.T. -0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

Instrument :

BNA_E

ClientSampleId :

X2A58

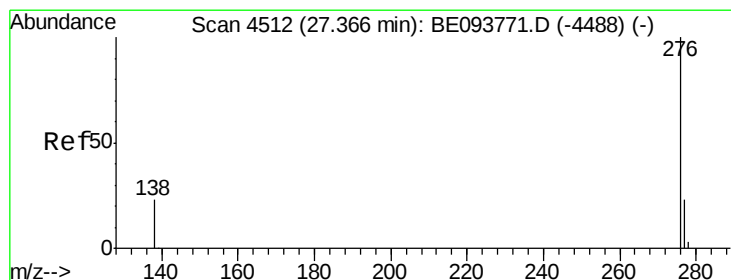
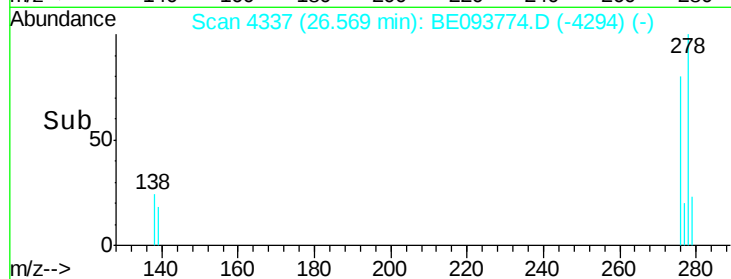
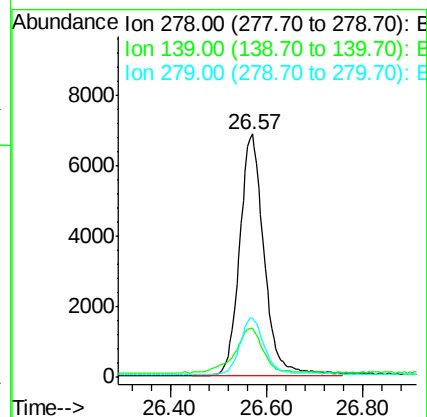
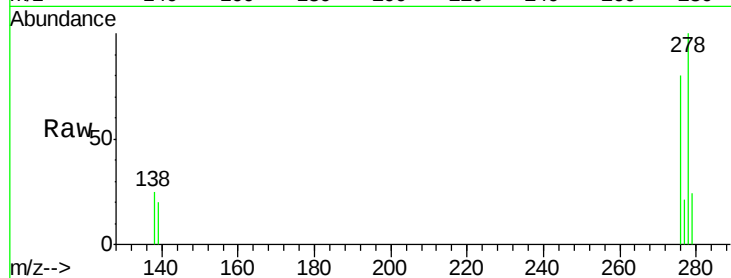
Tgt Ion:278 Resp: 24083

Ion Ratio Lower Upper

278 100

139 19.9 17.4 26.0

279 24.2 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.522 ng/ul

RT: 27.36 min Scan# 4511

Delta R.T. -0.00 min

Lab File: BE093774.D

Acq: 11 Aug 2017 16:50

Tgt Ion:276 Resp: 21797

Ion Ratio Lower Upper

276 100

138 26.1 21.8 32.8

277 25.1 20.5 30.7

