

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081117\
 Data File : BE093772.D
 Acq On : 11 Aug 2017 14:47
 Operator : SJ/JU
 Sample : I4455-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG1

Quant Time: Aug 12 02:01:58 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

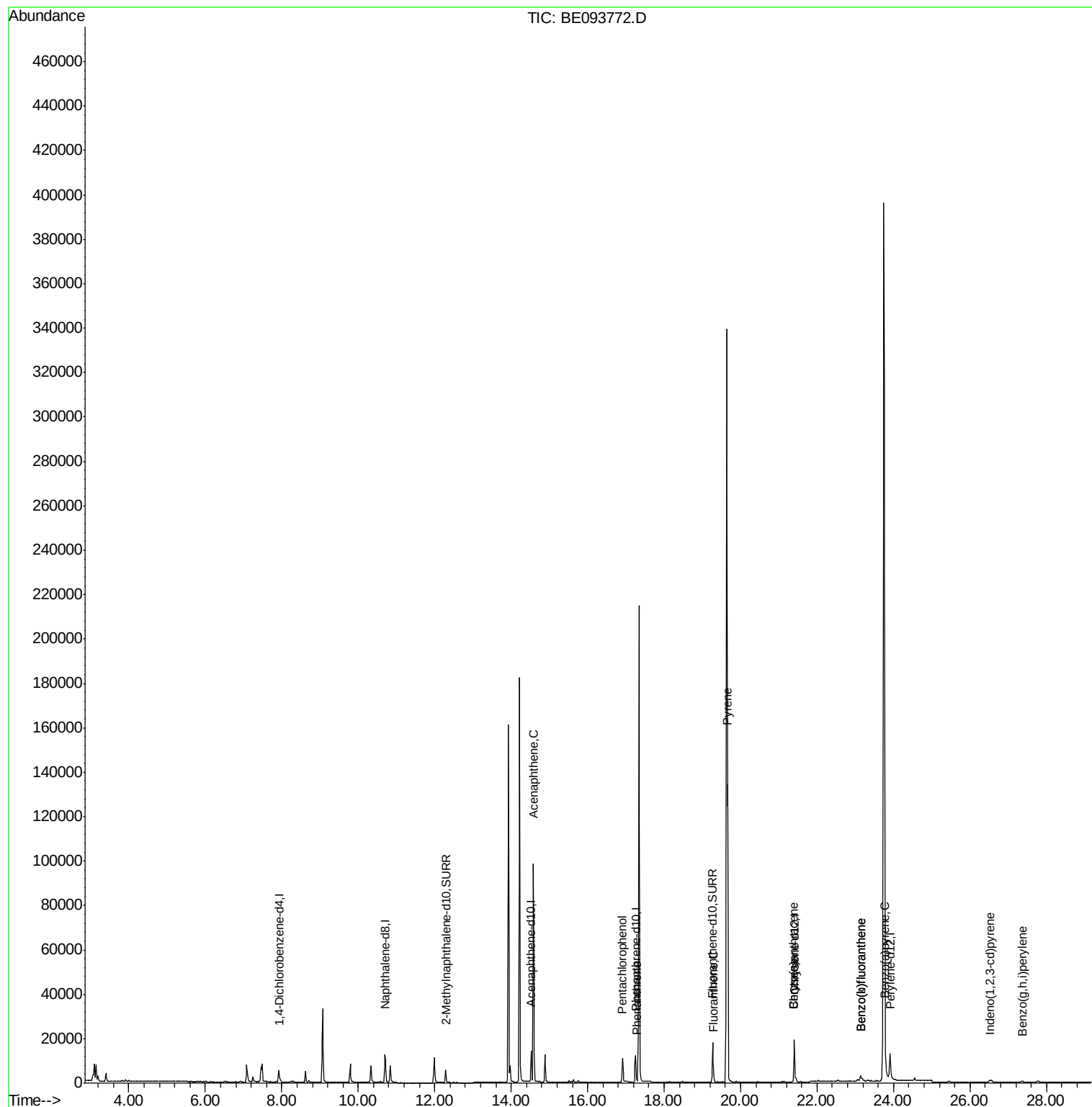
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2643	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13593	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7885	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17306	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18043	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19469	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8263	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	19997	0.37	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.58	153	60271	2.323	ng/ul	97
11) Pentachlorophenol	16.91	266	8066	2.826	ng/ul	97
12) Phenanthrene	17.29	178	987	0.021	ng/ul#	90
15) Fluoranthene	19.30	202	2318	0.039	ng/ul	85
17) Pyrene	19.66	202	143028	2.716	ng/ul#	80
18) Benzo(a)anthracene	21.39	228	2315	0.044	ng/ul#	87
19) Chrysene	21.39	228	2315	0.046	ng/ul	97
21) Benzo(b)fluoranthene	23.14	252	4622	0.077	ng/ul#	72
22) Benzo(k)fluoranthene	23.14	252	4622	0.078	ng/ul#	69
23) Benzo(a)pyrene	23.80	252	2488	0.043	ng/ul#	43
24) Indeno(1,2,3-cd)pyrene	26.55	276	1449	0.023	ng/ul#	47
26) Benzo(g,h,i)perylene	27.36	276	1381	0.026	ng/ul#	77

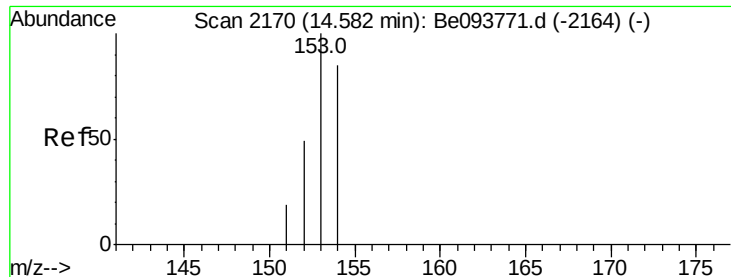
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081117\
Data File : BE093772.D
Acq On : 11 Aug 2017 14:47
Operator : SJ/JU
Sample : I4455-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AG1

Quant Time: Aug 12 02:01:58 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





#8

Acenaphthene

Concen: 2.323 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

Instrument :

BNA_E

ClientSampleId :

C0AG1

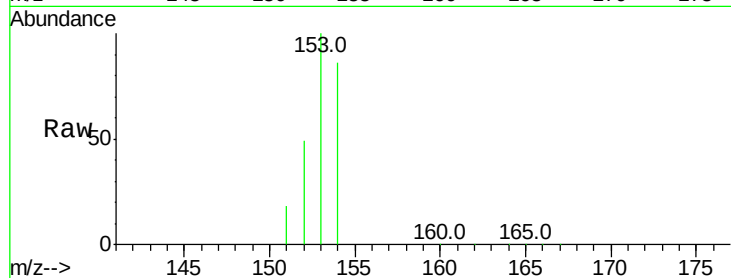
Tot Ion:153 Resp: 60271

Ion Ratio Lower Upper

153 100

152 48.6 40.3 60.5

154 86.5 71.4 107.2



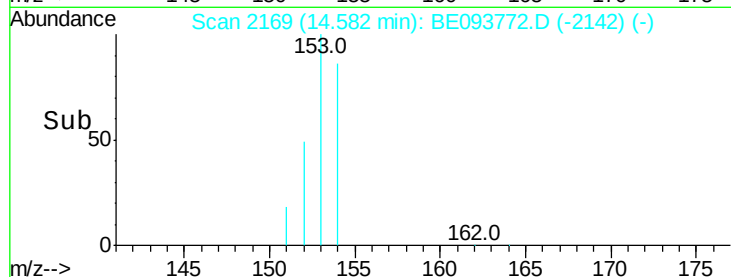
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

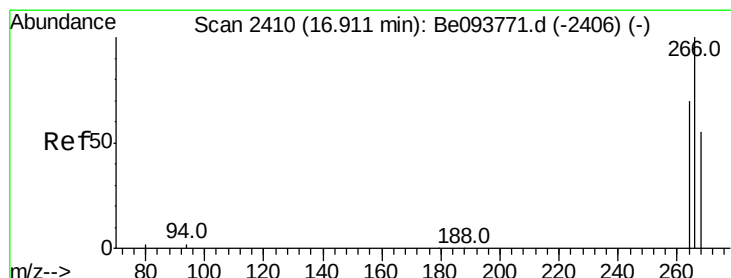
Ion 154.00 (153.70 to 154.70): E

14.58

Time-->



Time-->



#11

Pentachlorophenol

Concen: 2.826 ng/ul

RT: 16.91 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

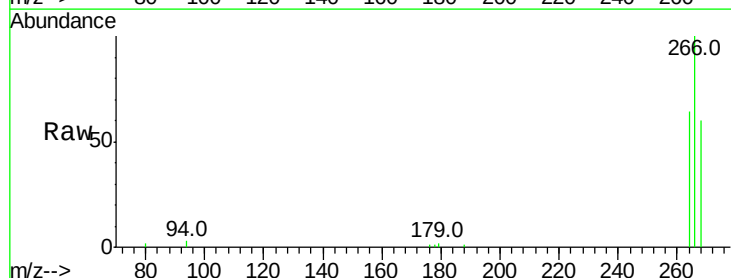
Tgt Ion:266 Resp: 8066

Ion Ratio Lower Upper

266 100

264 62.5 47.9 71.9

268 63.6 49.8 74.8



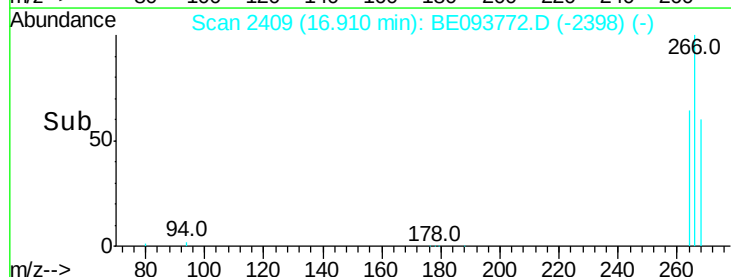
Abundance Ion 266.00 (265.70 to 266.70): E

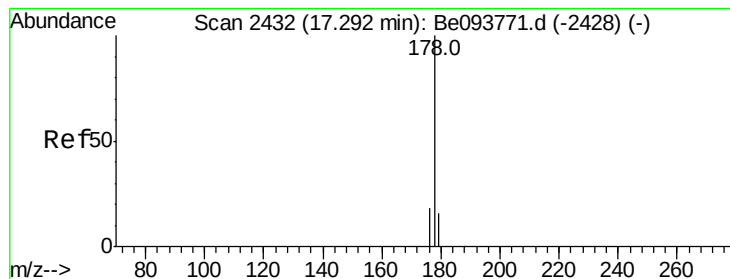
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.91

Time-->





#12

Phenanthrene

Concen: 0.021 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

Instrument :

BNA_E

ClientSampleId :

C0AG1

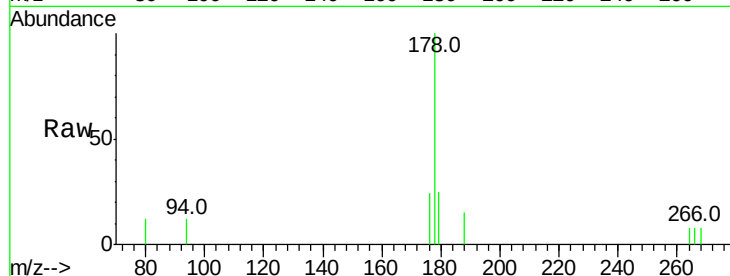
Tot Ion:178 Resp: 987

Ion Ratio Lower Upper

178 100

179 25.2 18.4 27.6

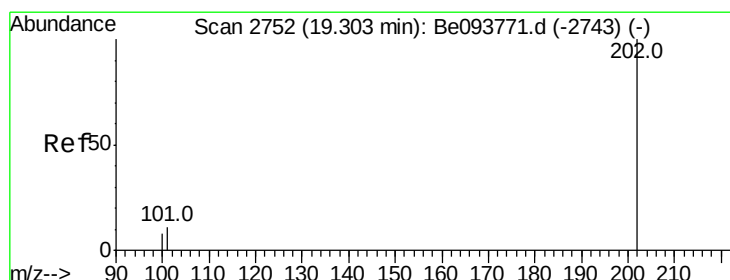
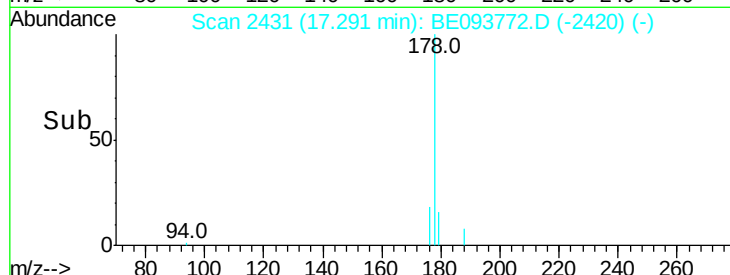
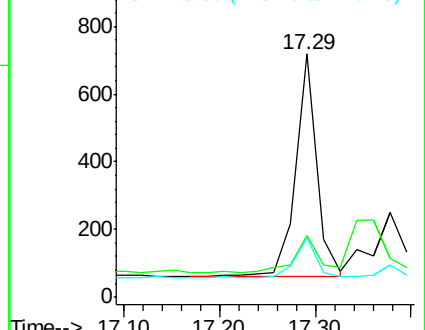
176 24.2 13.6 20.4#



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



#15

Fluoranthene

Concen: 0.039 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

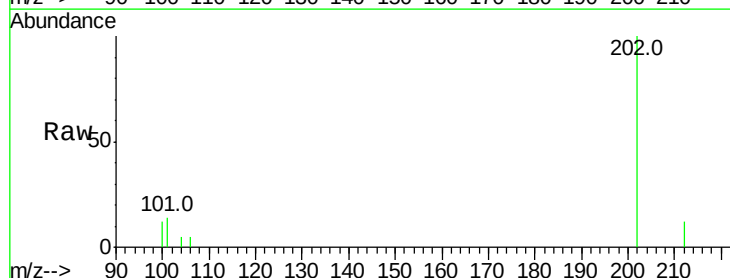
Tgt Ion:202 Resp: 2318

Ion Ratio Lower Upper

202 100

101 14.5 0.0 30.3

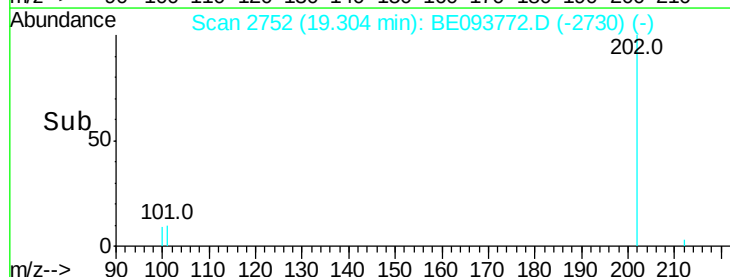
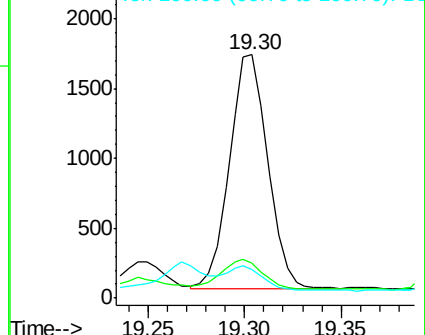
100 11.8 0.0 39.5

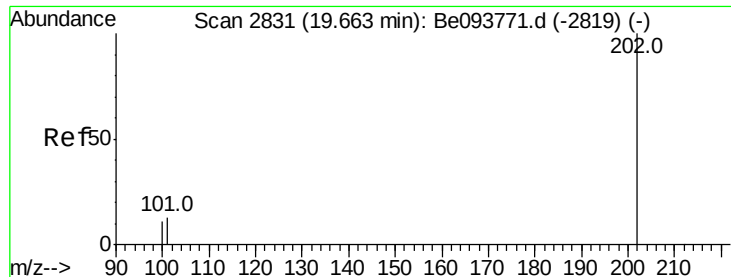


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pyrene

Concen: 2.716 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

Instrument :

BNA_E

ClientSampleId :

C0AG1

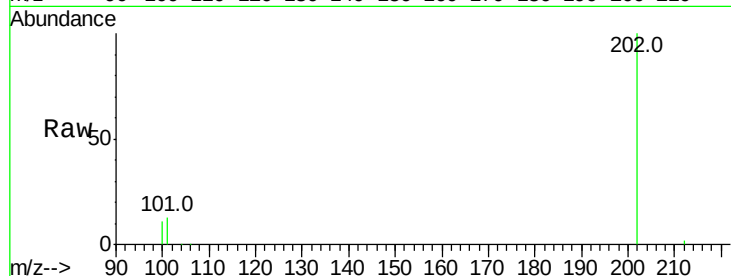
Tot Ion:202 Resp: 143028

Ion Ratio Lower Upper

202 100

101 12.7 18.2 27.4#

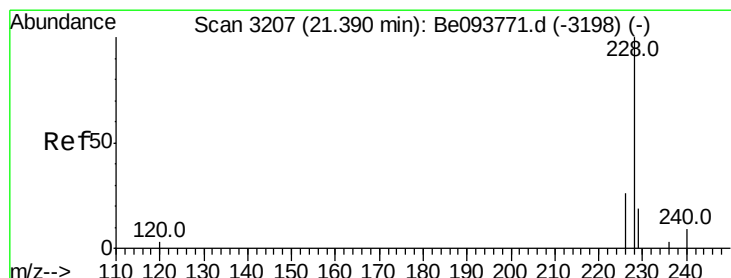
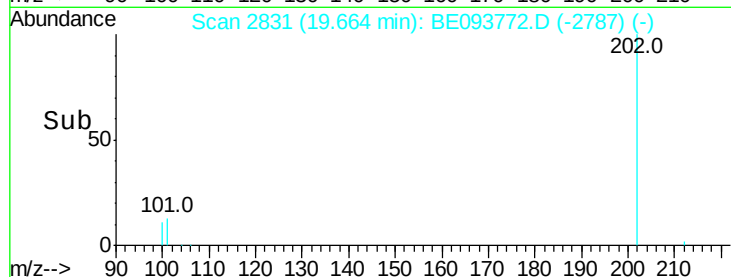
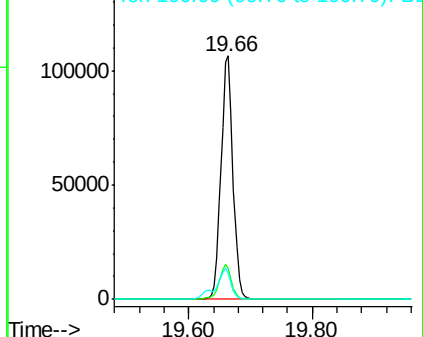
100 10.8 15.6 23.4#



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: 0.044 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

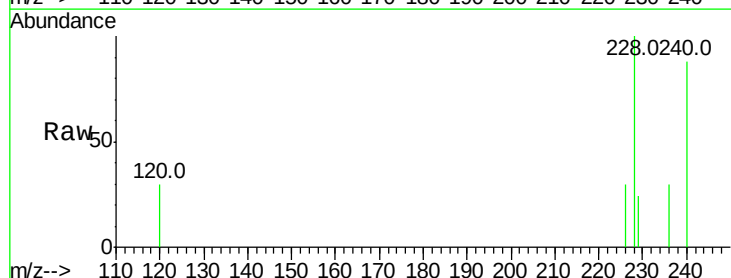
Tgt Ion:228 Resp: 2315

Ion Ratio Lower Upper

228 100

229 24.1 22.8 34.2

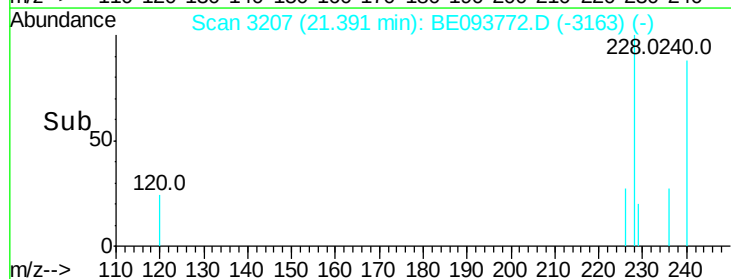
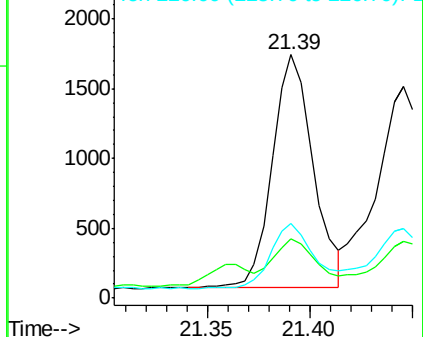
226 30.4 17.0 25.6#

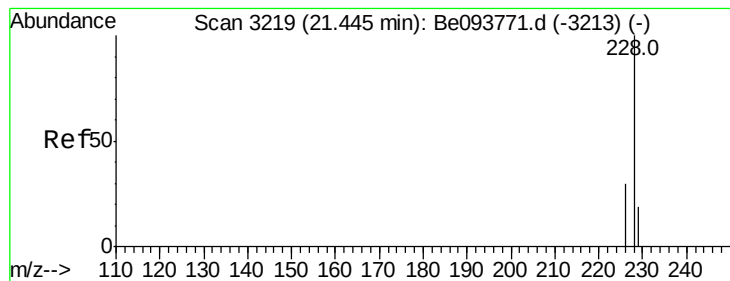


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.046 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. -0.05 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

Instrument :

BNA_E

ClientSampled :

C0AG1

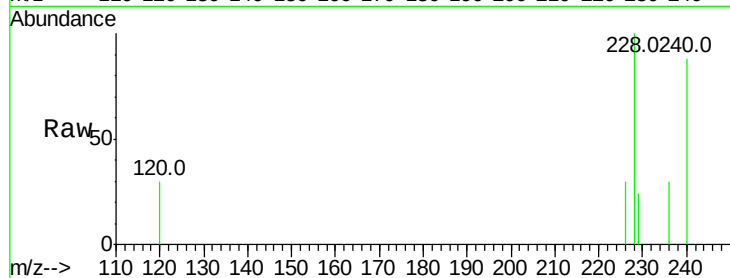
Tot Ion:228 Resp: 2315

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

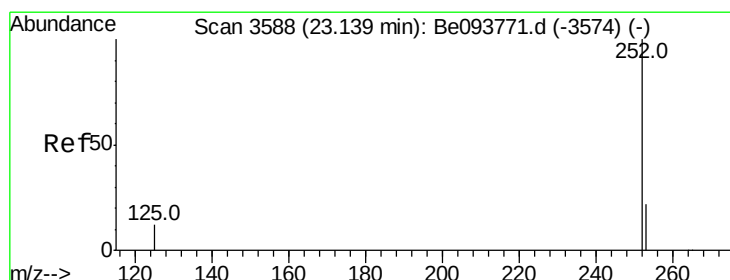
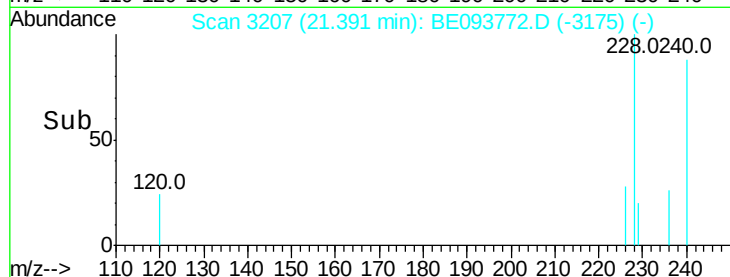
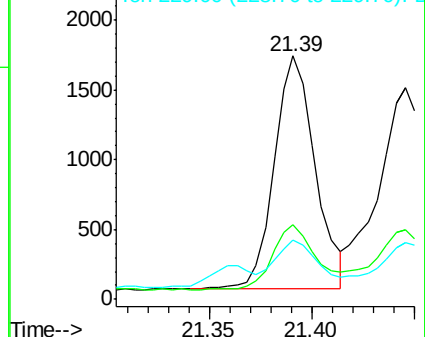
229 24.1 17.7 26.5



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: 0.077 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

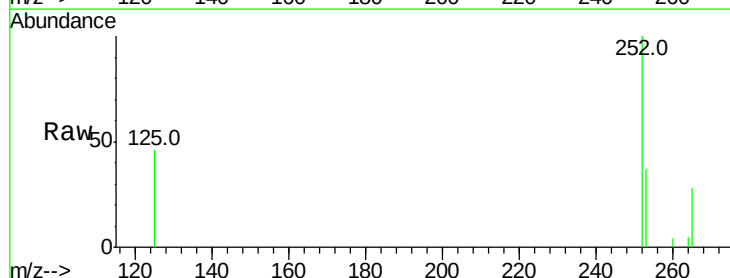
Tgt Ion:252 Resp: 4622

Ion Ratio Lower Upper

252 100

253 36.6 0.0 64.2

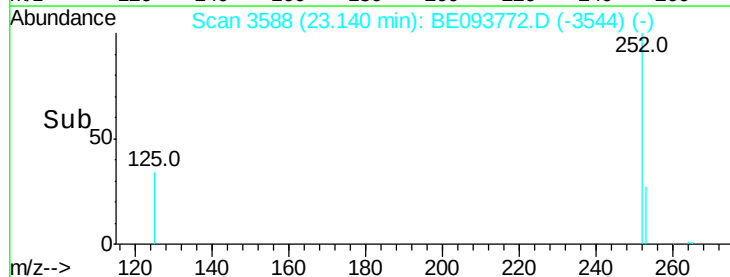
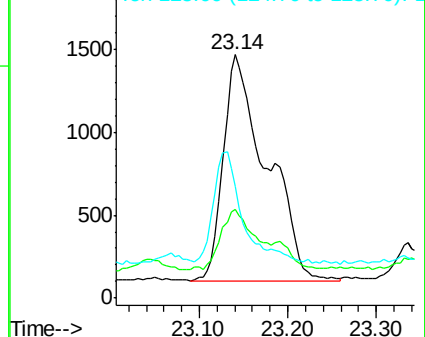
125 46.1 0.0 35.0#

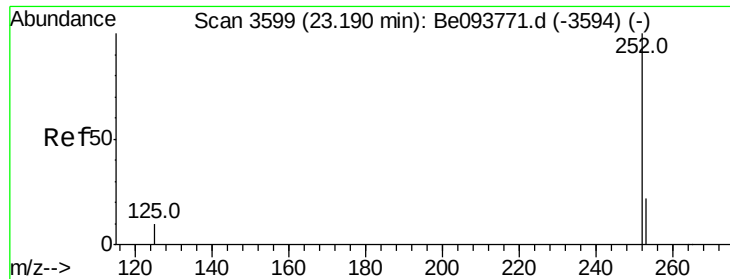


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.078 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.05 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

Instrument :

BNA_E

ClientSampleId :

C0AG1

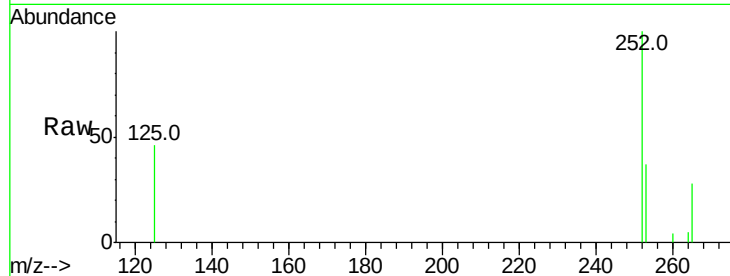
Tot Ion:252 Resp: 4622

Ion Ratio Lower Upper

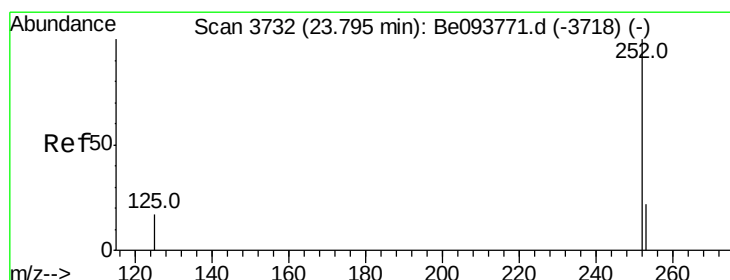
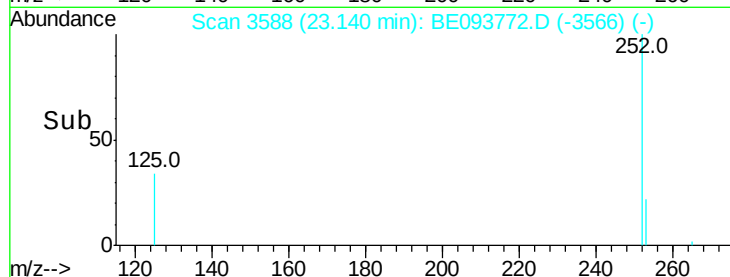
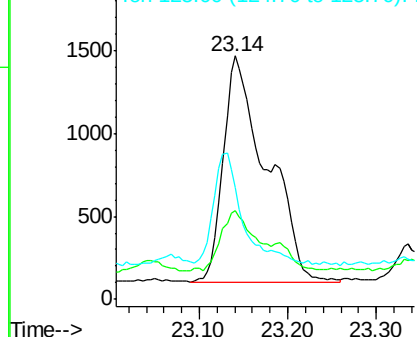
252 100

253 36.6 24.5 36.7

125 46.1 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: 0.043 ng/ul

RT: 23.80 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

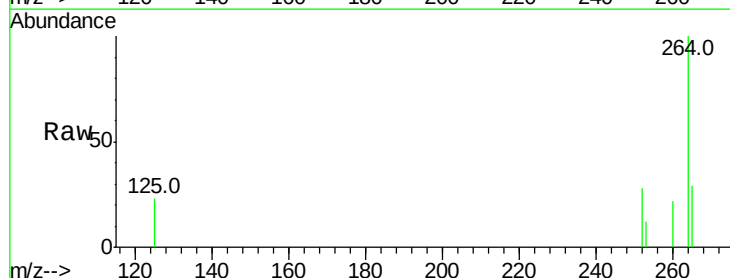
Tgt Ion:252 Resp: 2488

Ion Ratio Lower Upper

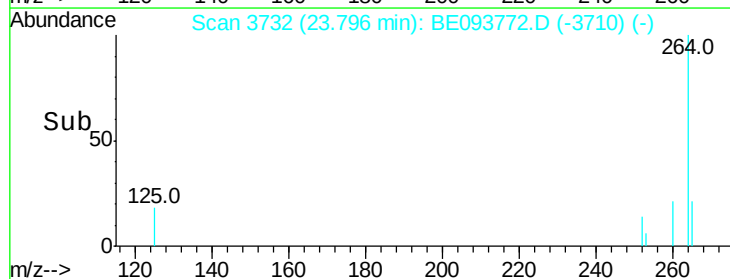
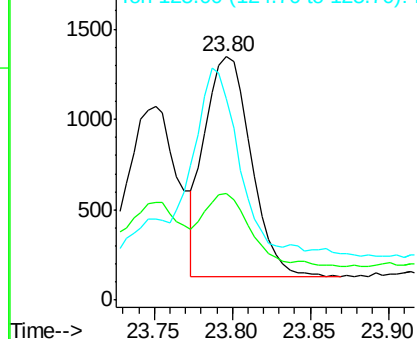
252 100

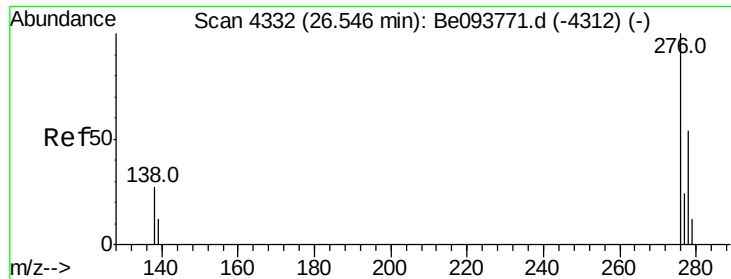
253 43.9 28.5 42.7#

125 82.9 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: 0.023 ng/ul

RT: 26.55 min Scan# 4332

Delta R.T. -0.00 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

Instrument :

BNA_E

ClientSampleId :

C0AG1

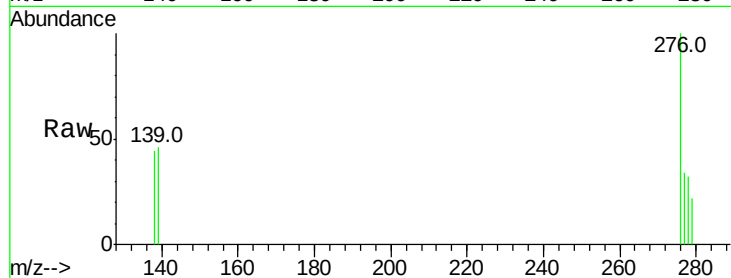
Tot Ion:276 Resp: 1449

Ion Ratio Lower Upper

276 100

138 0.0 28.0 42.0#

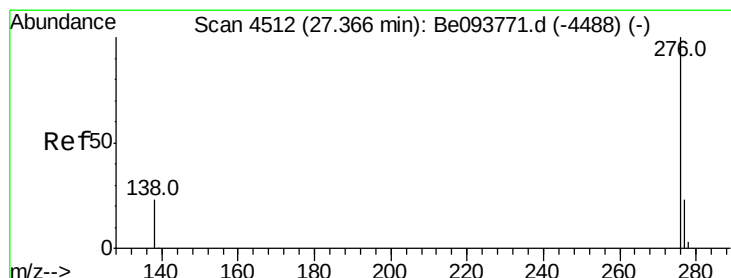
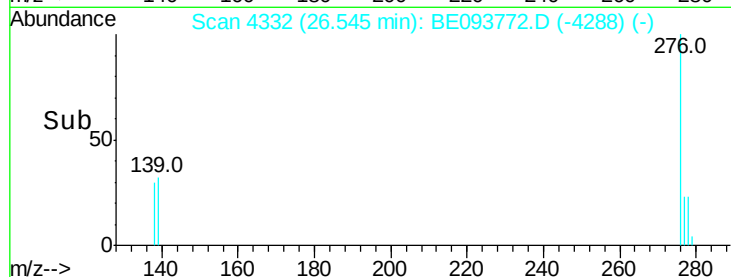
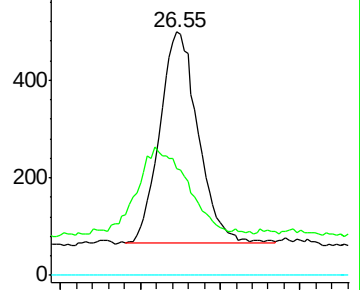
227 0.0 8.0 12.0#



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: 0.026 ng/ul

RT: 27.36 min Scan# 4511

Delta R.T. -0.01 min

Lab File: BE093772.D

Acq: 11 Aug 2017 14:47

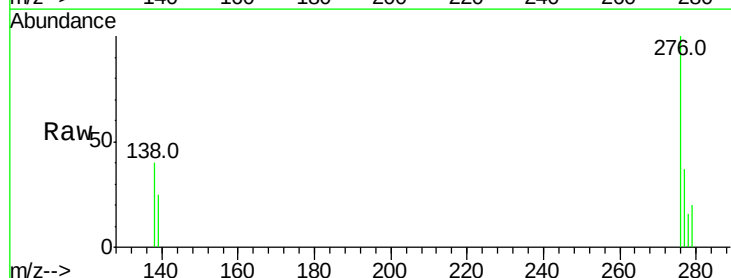
Tgt Ion:276 Resp: 1381

Ion Ratio Lower Upper

276 100

138 39.9 21.8 32.8#

277 36.8 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

