

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081117\
 Data File : BE093775.D
 Acq On : 11 Aug 2017 17:40
 Operator : SJ/JU
 Sample : I4504-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Quant Time: Aug 12 02:02:21 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

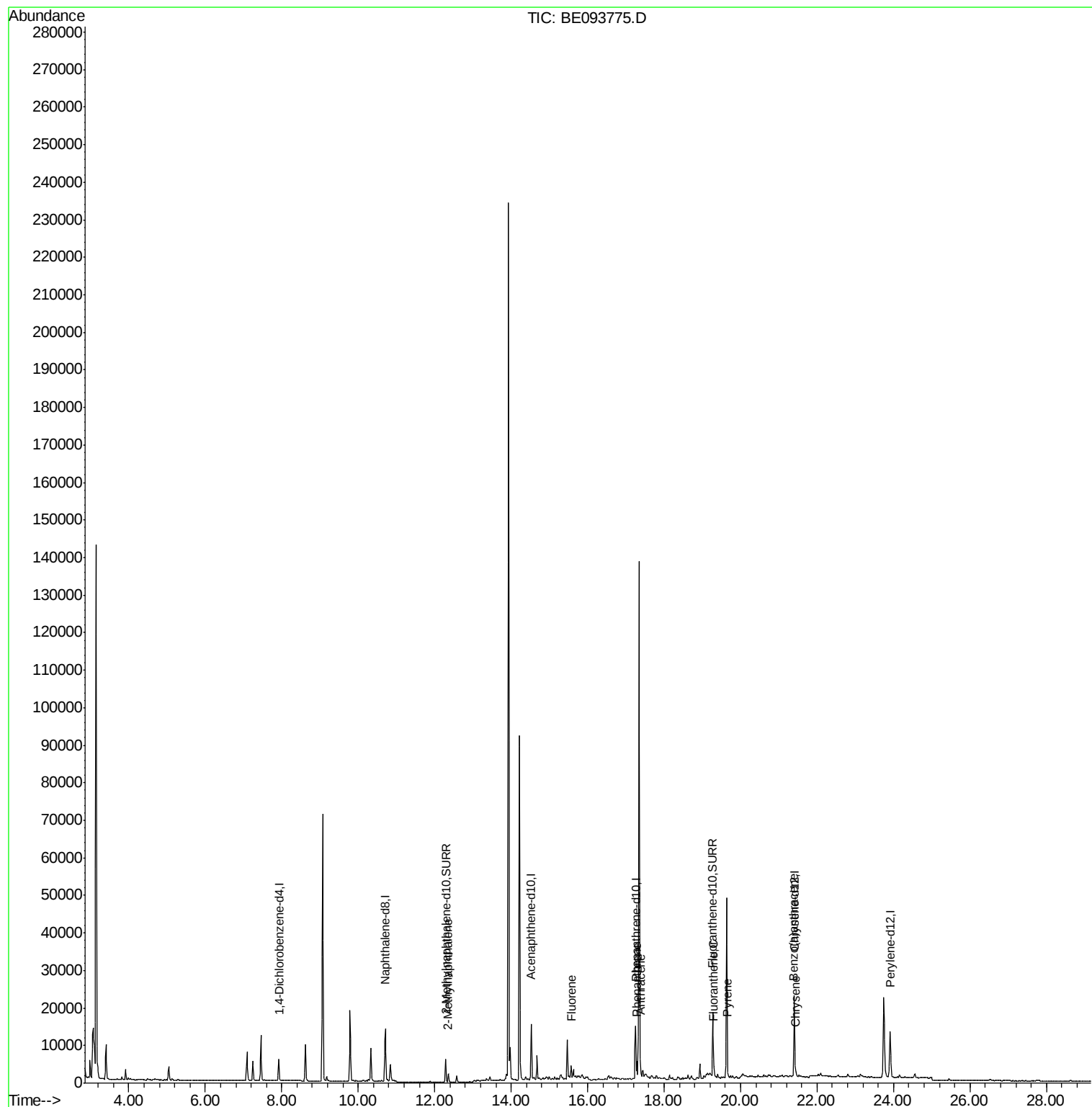
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2904	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14945	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8632	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19243	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	20122	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18296	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8367	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	18968	0.31	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.36	142	1837	0.069	ng/ul	99
9) Fluorene	15.57	166	2135	0.059	ng/ul	89
12) Phenanthrene	17.29	178	5460	0.104	ng/ul#	93
13) Anthracene	17.38	178	1724	0.034	ng/ul#	67
15) Fluoranthene	19.30	202	3215	0.049	ng/ul	81
17) Pyrene	19.66	202	1653	0.028	ng/ul#	91
18) Benzo(a)anthracene	21.39	228	1930	0.033	ng/ul#	54
19) Chrysene	21.44	228	1340	0.024	ng/ul#	43

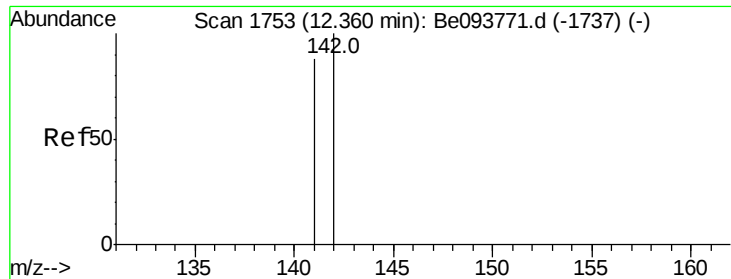
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.069 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093775.D

Acq: 11 Aug 2017 17:40

Instrument :

BNA_E

ClientSampleId :

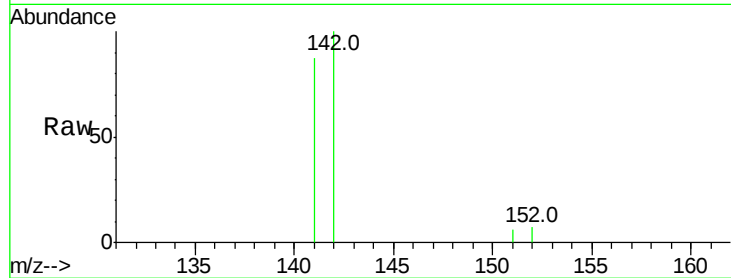
C0AB8

Tot Ion:142 Resp: 1837

Ion Ratio Lower Upper

142 100

141 89.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.36

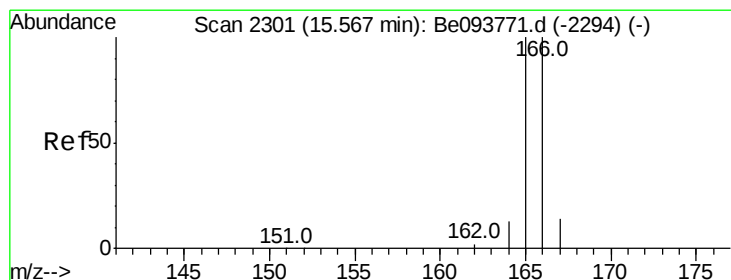
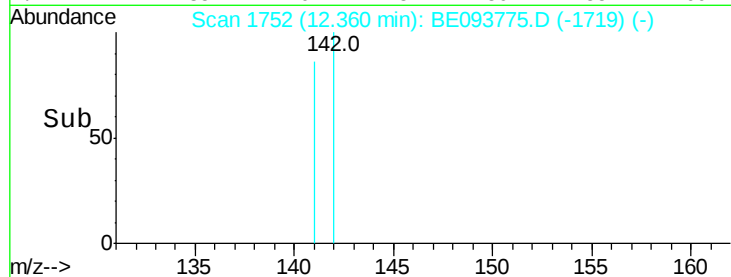
1000

500

0

Time-->

12.30 12.40



#9

Fluorene

Concen: 0.059 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BE093775.D

Acq: 11 Aug 2017 17:40

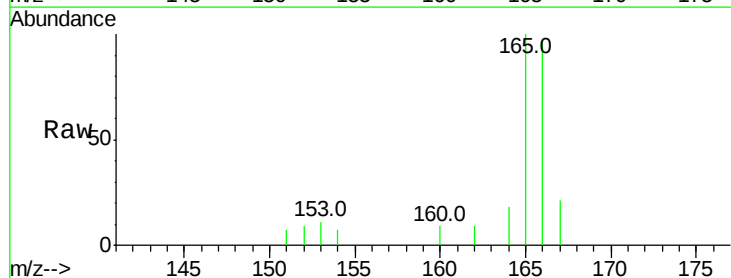
Tgt Ion:166 Resp: 2135

Ion Ratio Lower Upper

166 100

165 102.7 73.4 110.2

167 21.8 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

15.57

2000

1500

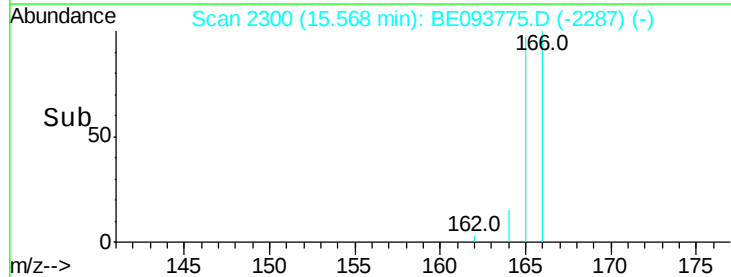
1000

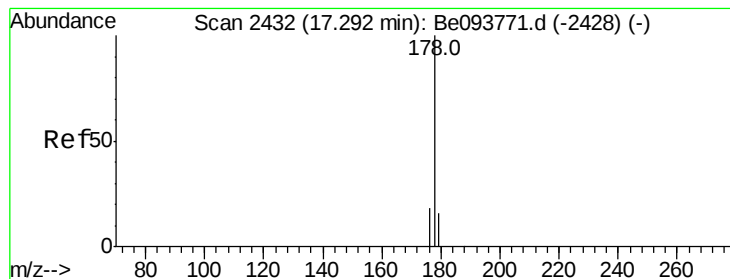
500

0

Time-->

15.50 15.55 15.60 15.65





#12

Phenanthrene

Concen: 0.104 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093775.D

Acq: 11 Aug 2017 17:40

Instrument :

BNA_E

ClientSampleId :

C0AB8

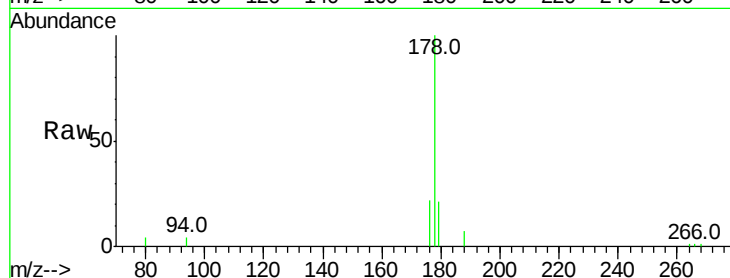
Tot Ion:178 Resp: 5460

Ion Ratio Lower Upper

178 100

179 21.5 18.4 27.6

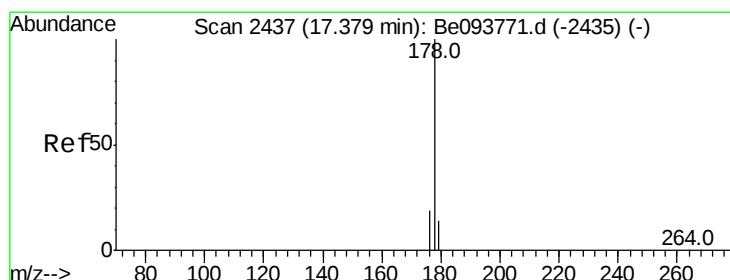
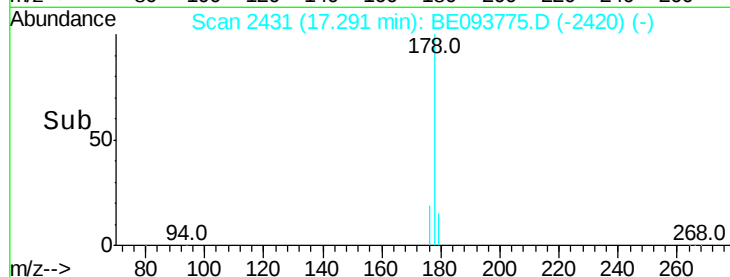
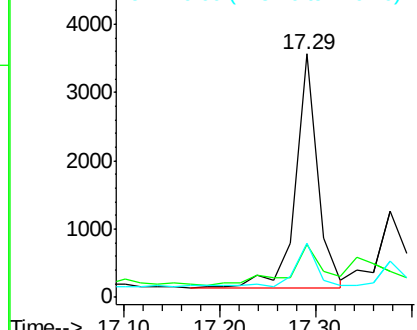
176 22.2 13.6 20.4#



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



#13

Anthracene

Concen: 0.034 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093775.D

Acq: 11 Aug 2017 17:40

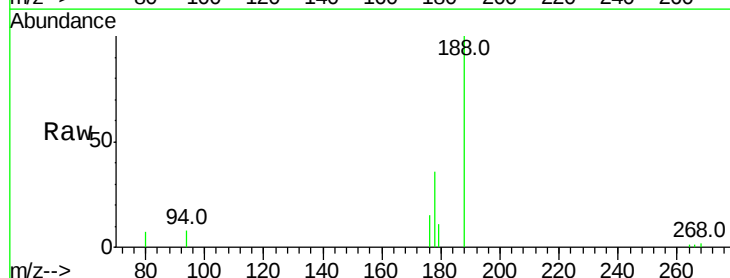
Tgt Ion:178 Resp: 1724

Ion Ratio Lower Upper

178 100

179 30.6 18.1 27.1#

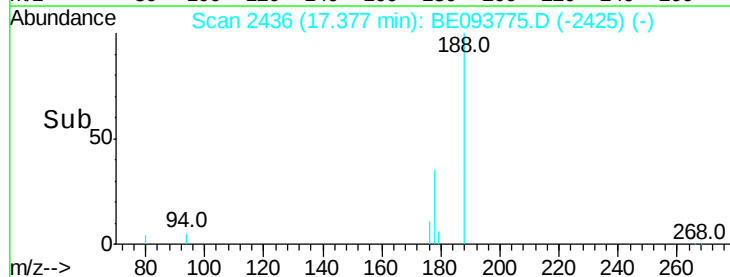
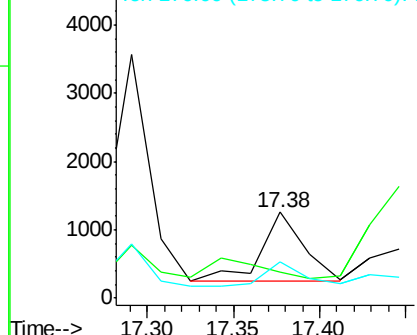
176 41.8 14.7 22.1#

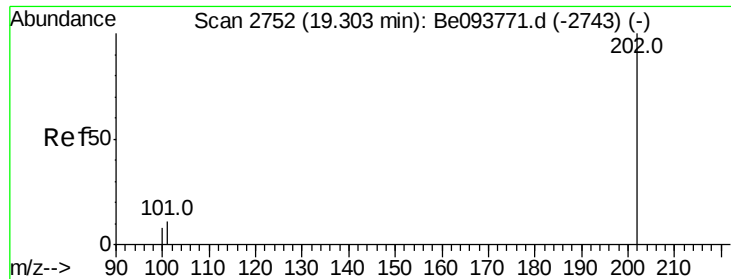


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.049 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BE093775.D

Acq: 11 Aug 2017 17:40

Instrument :

BNA_E

ClientSampleId :

C0AB8

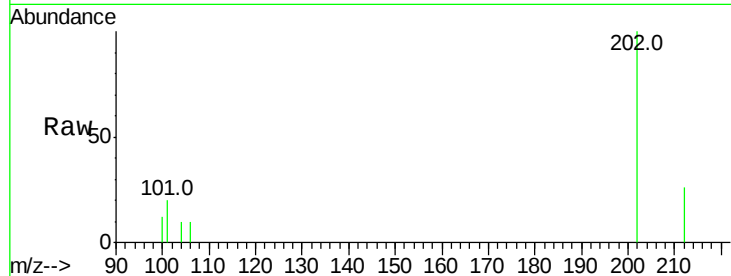
Tot Ion:202 Resp: 3215

Ion Ratio Lower Upper

202 100

101 19.6 0.0 30.3

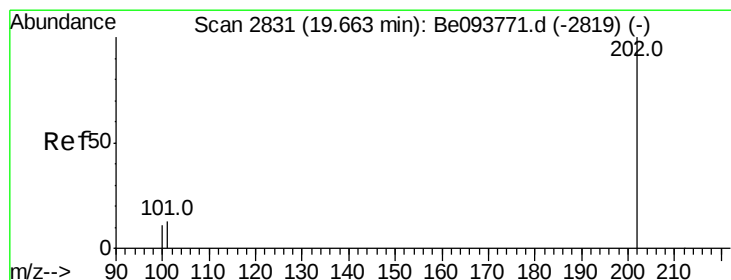
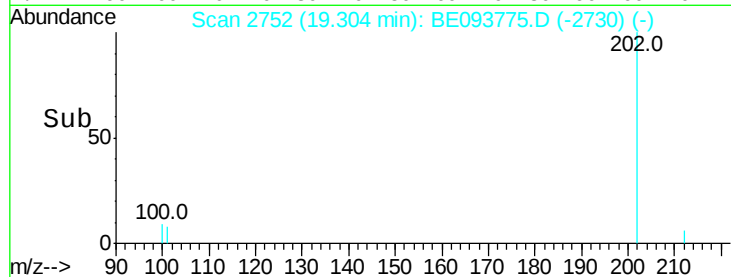
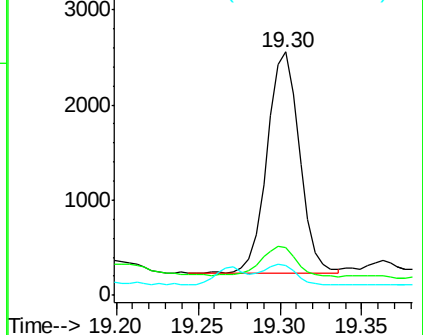
100 12.4 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.028 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093775.D

Acq: 11 Aug 2017 17:40

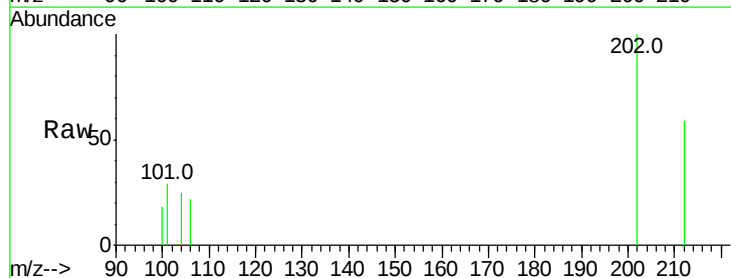
Tgt Ion:202 Resp: 1653

Ion Ratio Lower Upper

202 100

101 29.3 18.2 27.4#

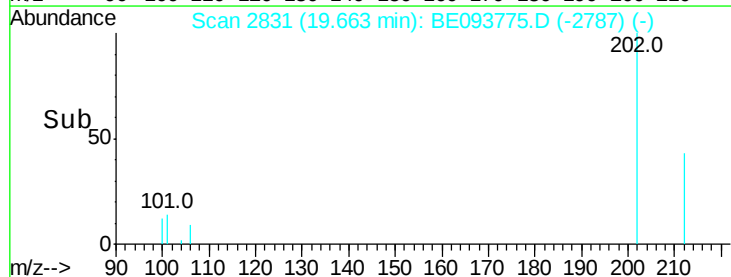
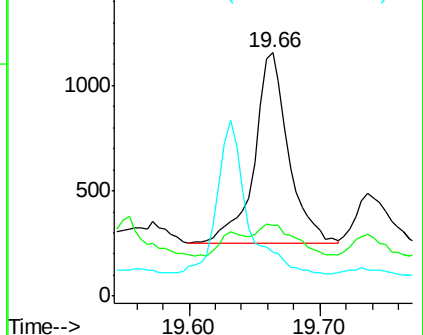
100 18.2 15.6 23.4

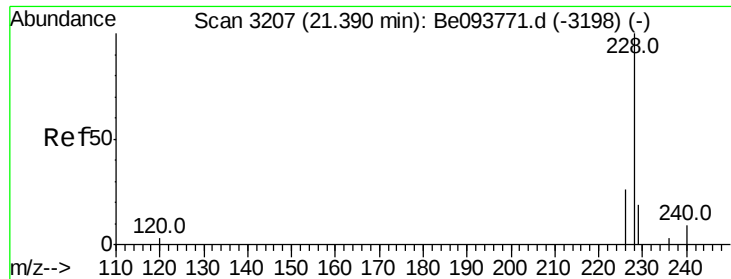


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.033 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BE093775.D

Acq: 11 Aug 2017 17:40

Instrument :

BNA_E

ClientSampled :

C0AB8

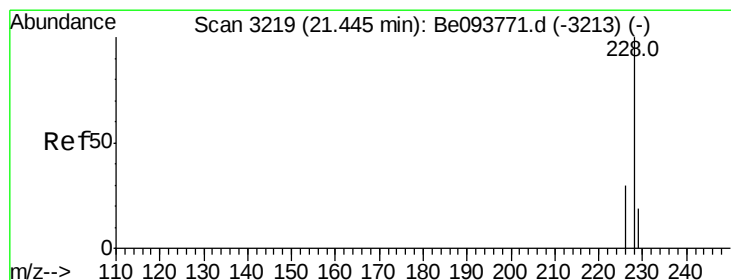
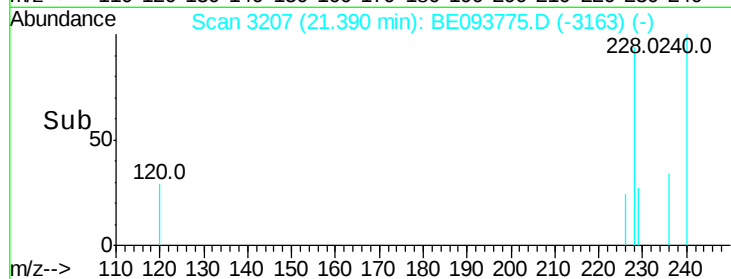
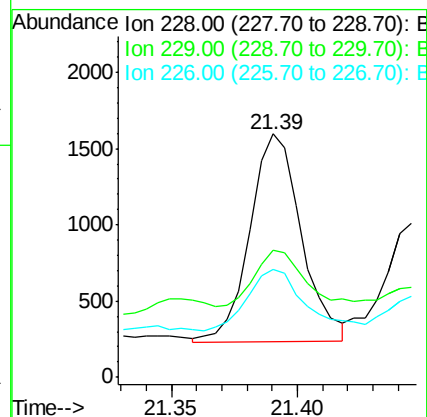
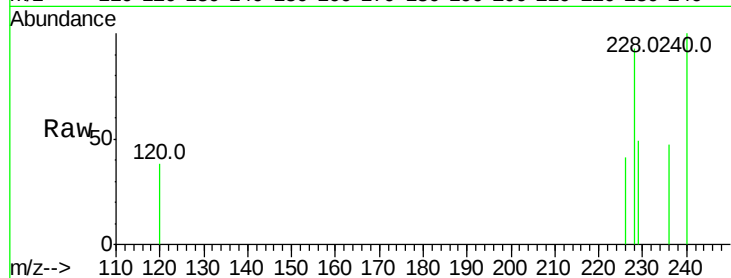
Tot Ion:228 Resp: 1930

Ion Ratio Lower Upper

228 100

229 52.2 22.8 34.2#

226 44.3 17.0 25.6#



#19

Chrysene

Concen: 0.024 ng/ul

RT: 21.44 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BE093775.D

Acq: 11 Aug 2017 17:40

Tgt Ion:228 Resp: 1340

Ion Ratio Lower Upper

228 100

226 52.5 23.4 35.0#

229 58.1 17.7 26.5#

