

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093588.D
 Acq On : 25 Jul 2017 21:45
 Operator : SJ/JU
 Sample : I4209-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B20

Quant Time: Jul 26 02:49:30 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 06:10:24 2017
 Response via : Initial Calibration

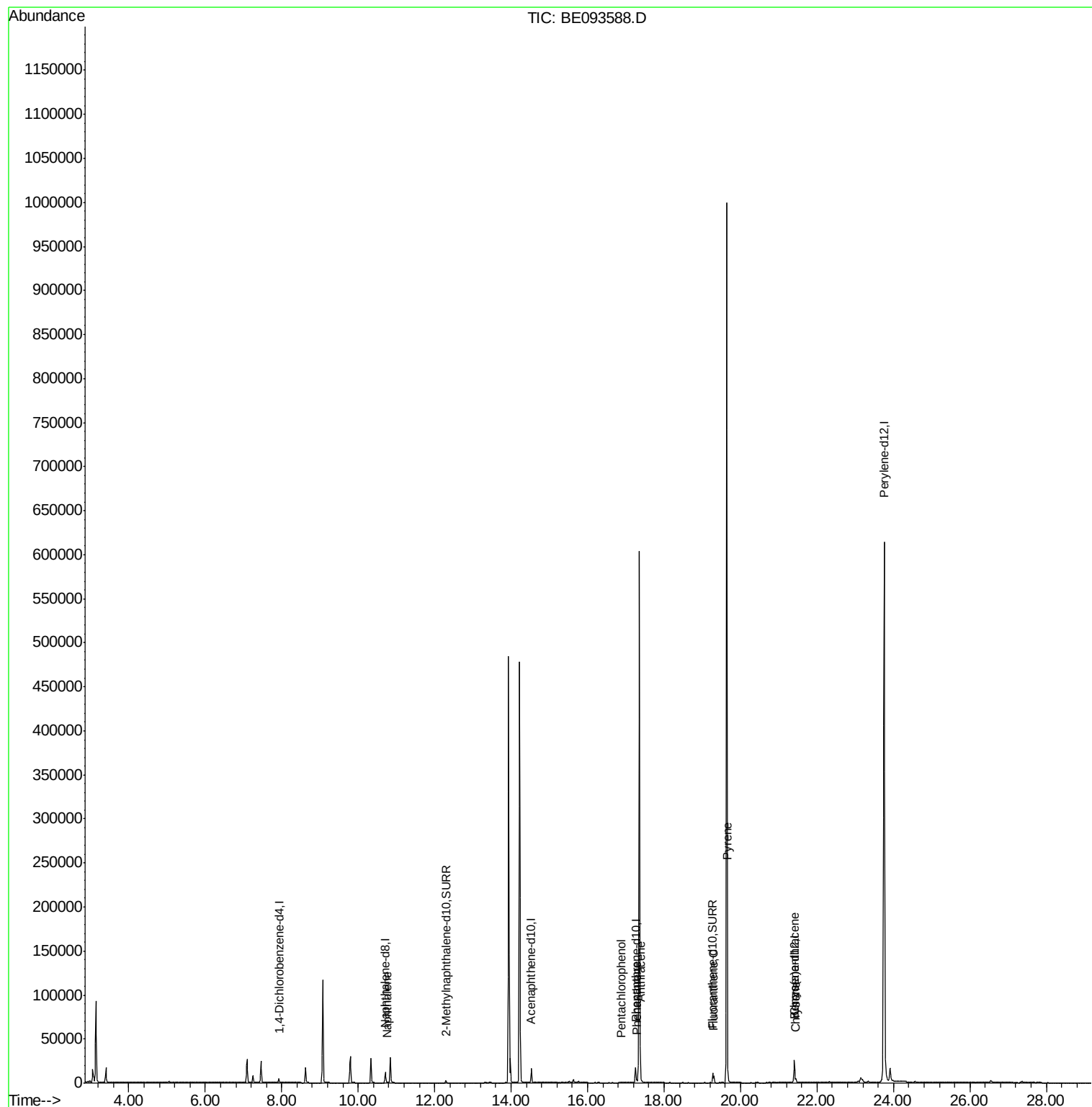
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2462	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13277	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8777	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21785	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23587	0.40	ng/ul	0.00
20) Perylene-d12	23.75	264	892017	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3700	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	12014	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	1101	0.034	ng/ul#	89
11) Pentachlorophenol	16.88	266	122	0.034	ng/ul#	1
12) Phenanthrene	17.29	178	3656	0.062	ng/ul#	89
13) Anthracene	17.38	178	1289	0.022	ng/ul#	73
15) Fluoranthene	19.30	202	9177	0.124	ng/ul	85
17) Pyrene	19.66	202	9994	0.145	ng/ul#	87
18) Benzo(a)anthracene	21.39	228	6482	0.095	ng/ul#	86
19) Chrysene	21.45	228	6293	0.096	ng/ul	96

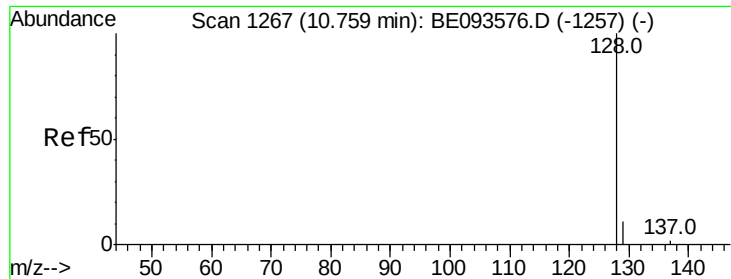
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.034 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.00 min

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C0B20

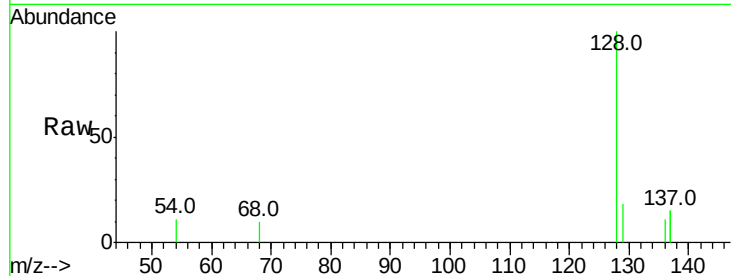
Tot Ion:128 Resp: 1101

Ion Ratio Lower Upper

128 100

129 18.2 11.3 16.9#

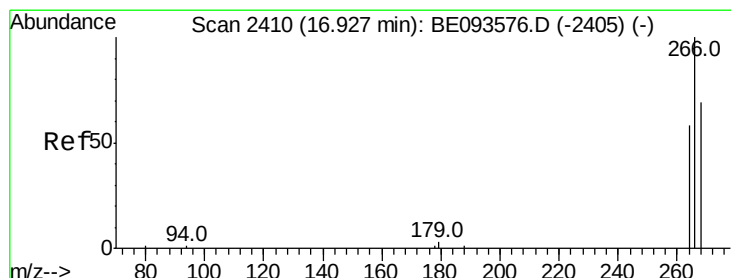
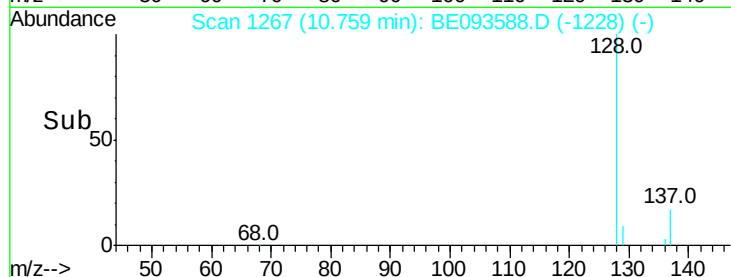
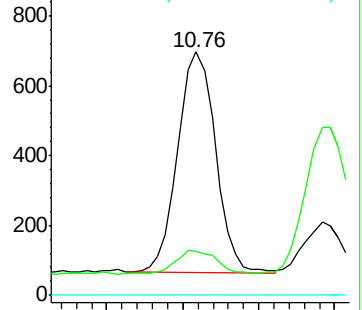
127 0.0 4.0 6.0#



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



#11

Pentachlorophenol

Concen: 0.034 ng/ul

RT: 16.88 min Scan# 2407

Delta R.T. -0.05 min

Lab File: BE093588.D

Acq: 25 Jul 2017 21:45

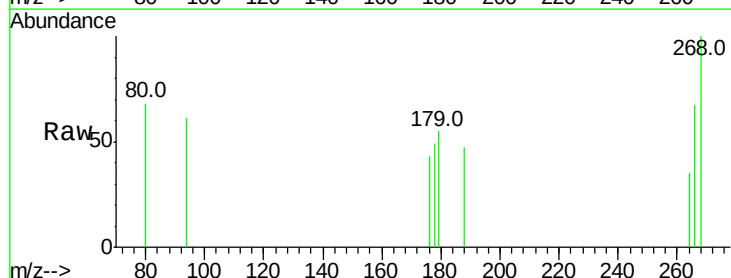
Tgt Ion:266 Resp: 122

Ion Ratio Lower Upper

266 100

264 2.5 47.9 71.9#

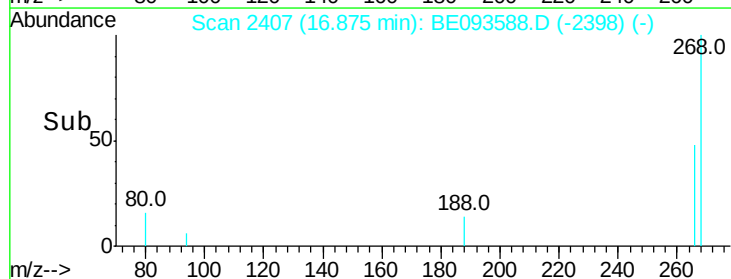
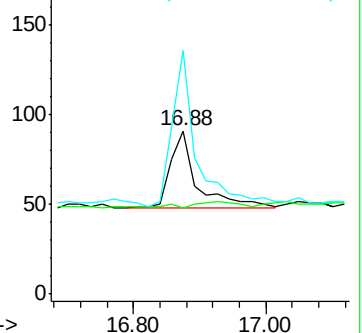
268 190.2 49.8 74.8#

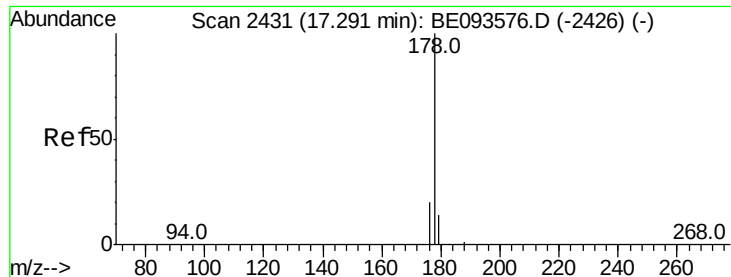


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.062 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093588.D

Acq: 25 Jul 2017 21:45

Instrument :

BNA_E

ClientSampleId :

C0B20

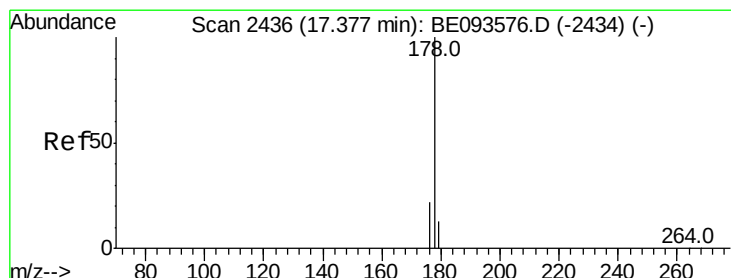
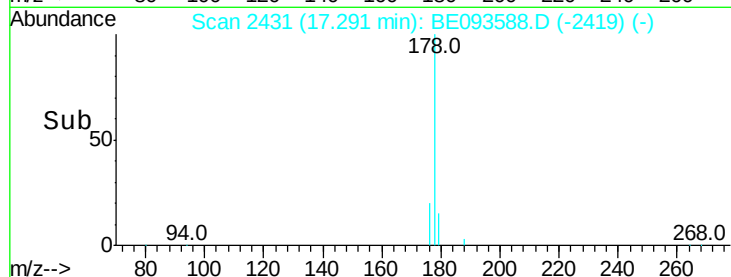
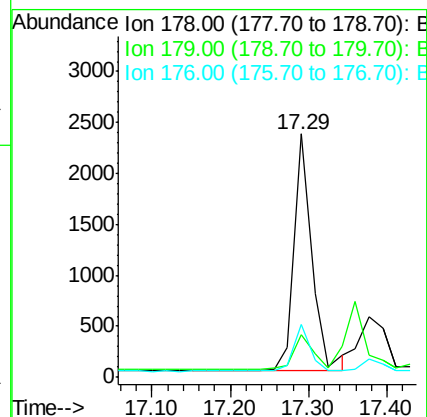
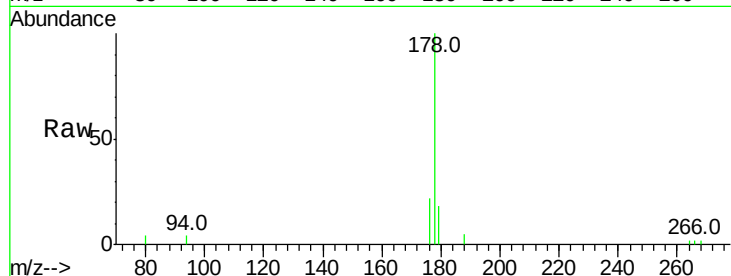
Tot Ion:178 Resp: 3656

Ion Ratio Lower Upper

178 100

179 17.6 18.4 27.6#

176 21.7 13.6 20.4#



#13

Anthracene

Concen: 0.022 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE093588.D

Acq: 25 Jul 2017 21:45

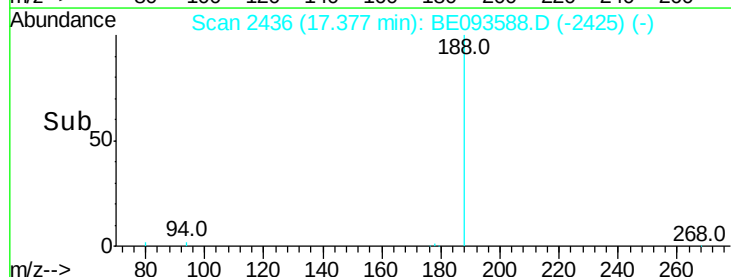
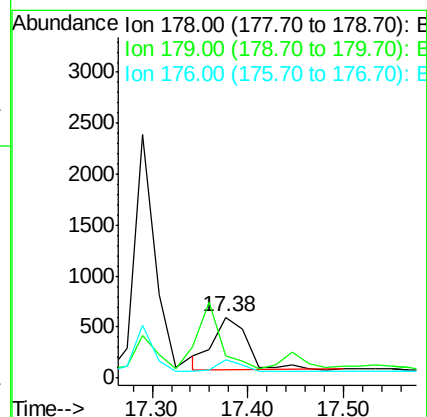
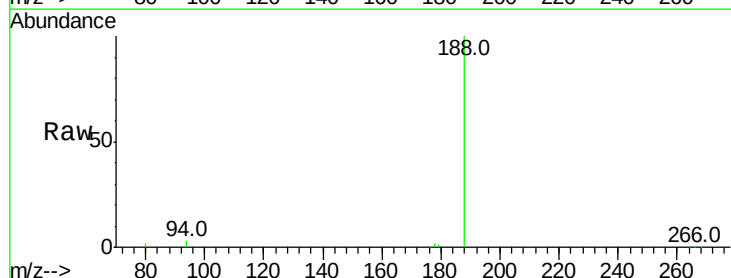
Tgt Ion:178 Resp: 1289

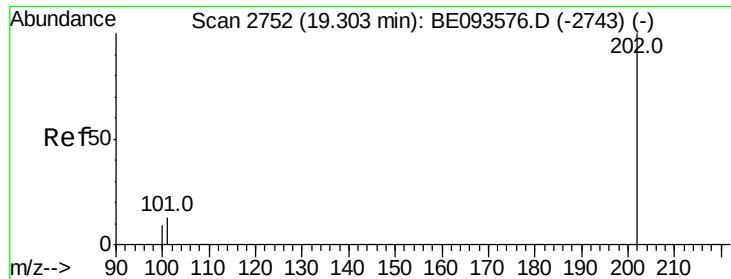
Ion Ratio Lower Upper

178 100

179 36.4 18.1 27.1#

176 29.2 14.7 22.1#





#15

Fluoranthene

Concen: 0.124 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE093588.D

Acq: 25 Jul 2017 21:45

Instrument :

BNA_E

ClientSampleId :

C0B20

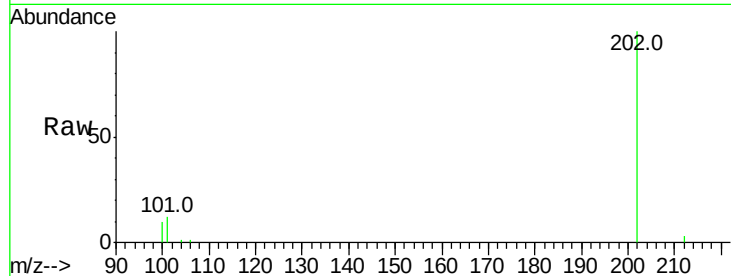
Tot Ion:202 Resp: 9177

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.3

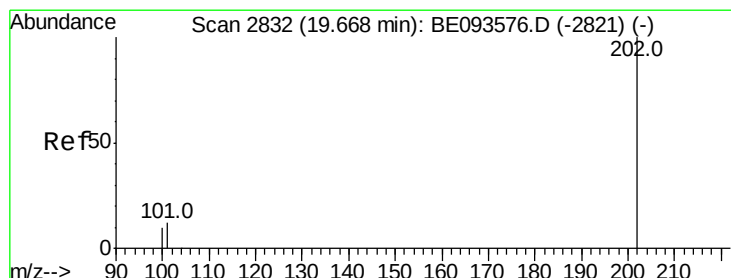
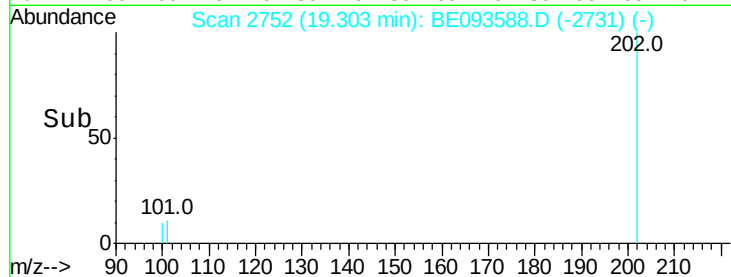
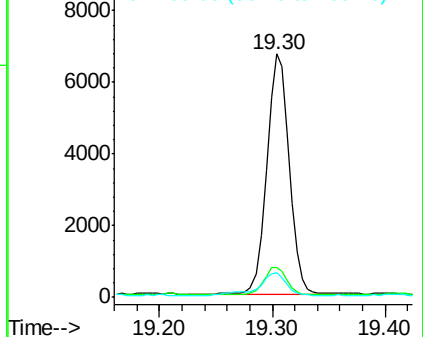
100 10.4 0.0 39.5



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: 0.145 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE093588.D

Acq: 25 Jul 2017 21:45

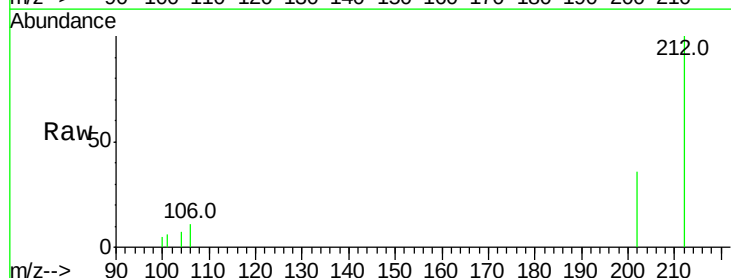
Tgt Ion:202 Resp: 9994

Ion Ratio Lower Upper

202 100

101 15.7 18.2 27.4#

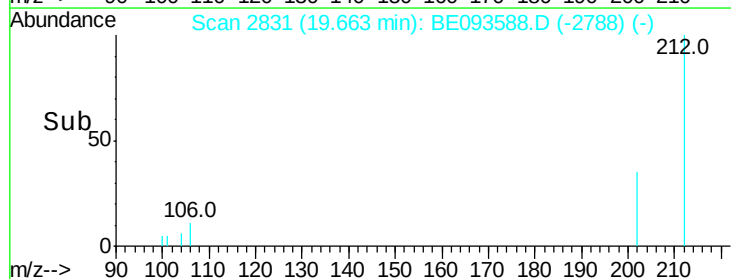
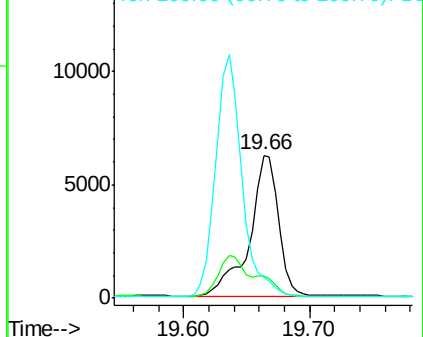
100 14.6 15.6 23.4#

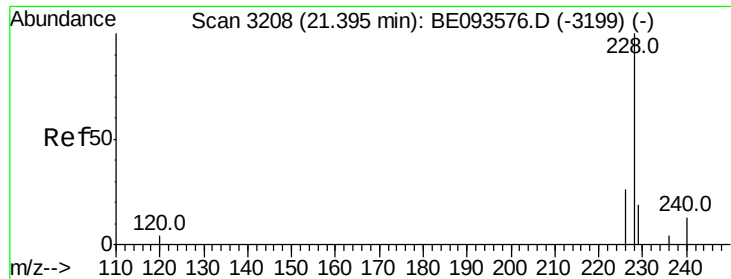


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.095 ng/ul

RT: 21.39 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BE093588.D

Acq: 25 Jul 2017 21:45

Instrument :

BNA_E

ClientSampleId :

C0B20

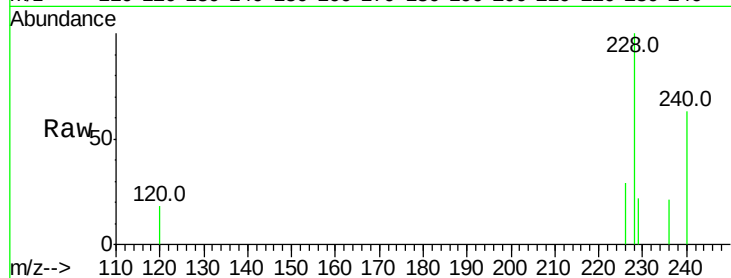
Tot Ion:228 Resp: 6482

Ion Ratio Lower Upper

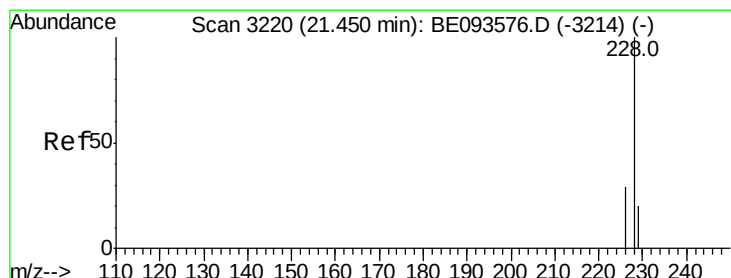
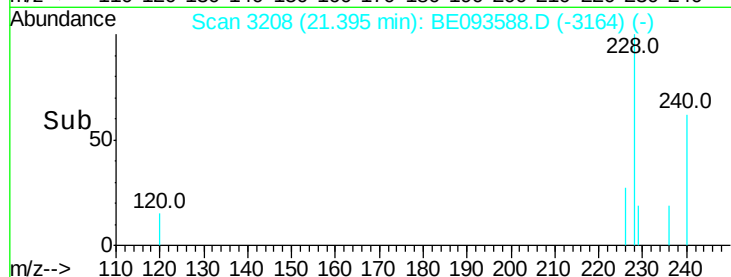
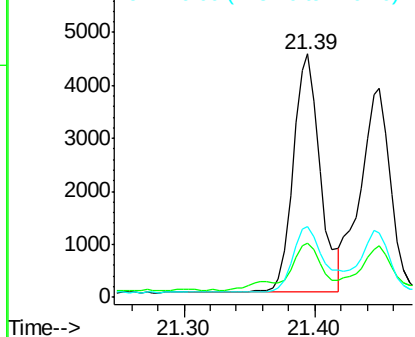
228 100

229 22.2 22.8 34.2#

226 28.9 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: 0.096 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE093588.D

Acq: 25 Jul 2017 21:45

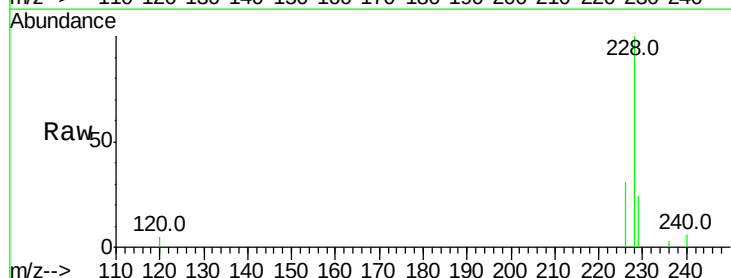
Tgt Ion:228 Resp: 6293

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

229 24.5 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

