

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081517\
 Data File : BE093824.D
 Acq On : 16 Aug 2017 1:21
 Operator : SJ/JU
 Sample : I4672-23
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH6

Quant Time: Aug 16 07:38:16 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 07:30:49 2017
 Response via : Initial Calibration

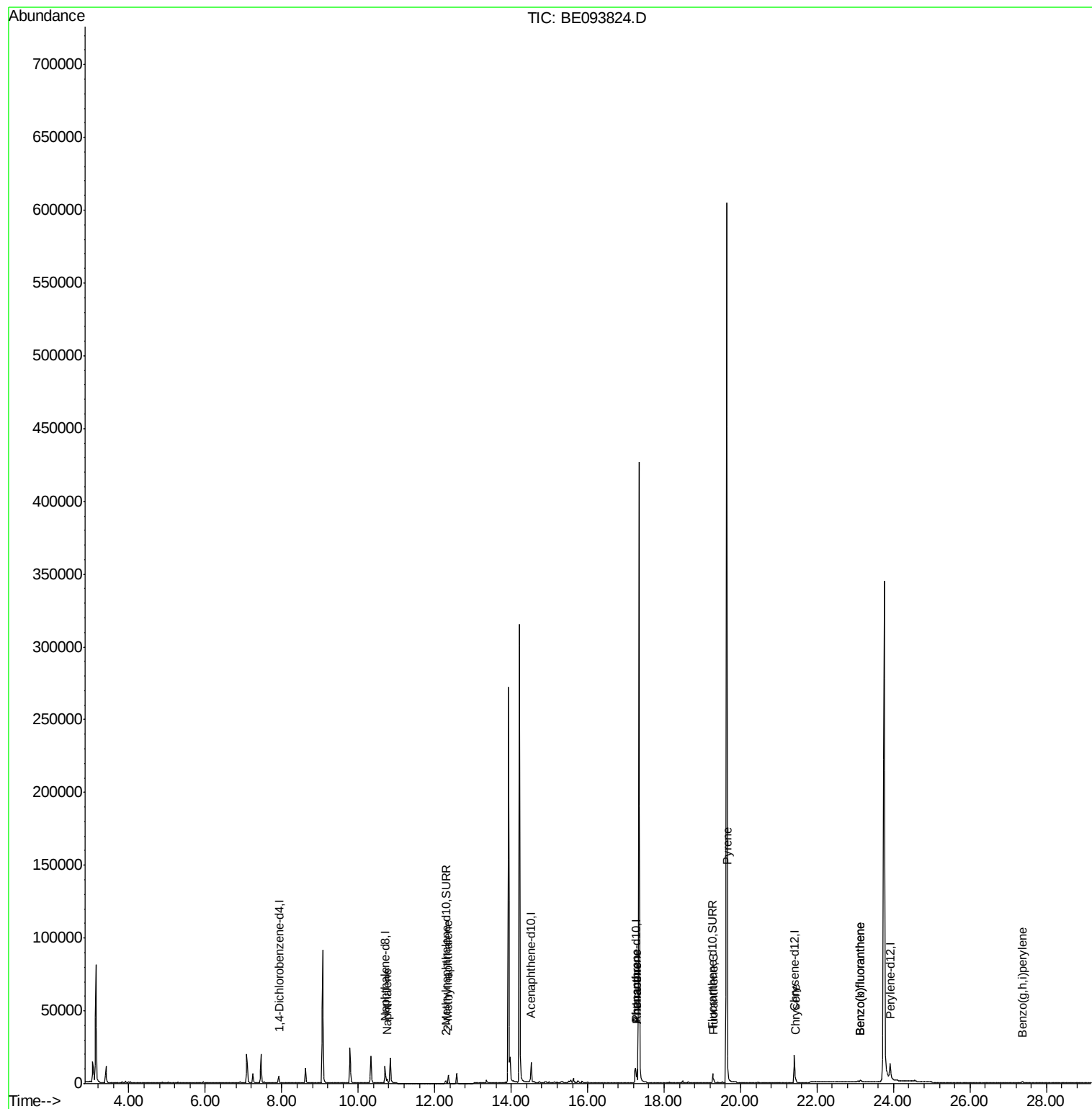
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2356	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12749	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7760	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16836	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18379	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	22385	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2721	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	7266	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	4252	0.137	ng/ul#	96
5) 2-Methylnaphthalene	12.36	142	4928	0.218	ng/ul	99
12) Phenanthrene	17.29	178	11927	0.260	ng/ul#	92
13) Anthracene	17.29	178	12045	0.270	ng/ul#	94
15) Fluoranthene	19.30	202	2234	0.039	ng/ul	85
17) Pyrene	19.66	202	3918	0.073	ng/ul	95
19) Chrysene	21.45	228	2815	0.055	ng/ul#	84
21) Benzo(b)fluoranthene	23.14	252	1897	0.027	ng/ul#	47
22) Benzo(k)fluoranthene	23.14	252	1897	0.028	ng/ul#	44
26) Benzo(g,h,i)perylene	27.37	276	1874	0.031	ng/ul#	75

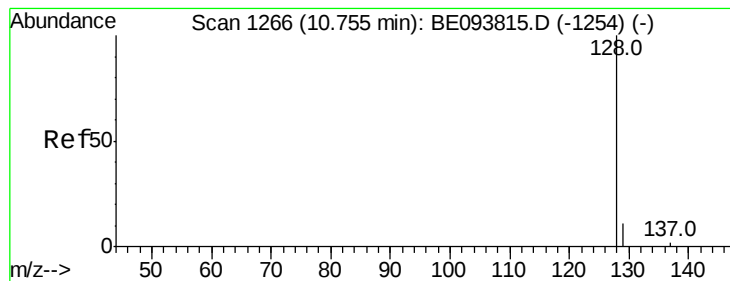
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.137 ng/ul

RT: 10.76 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093824.D

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Instrument :

BNA_E

ClientSampleId :

C0AH6

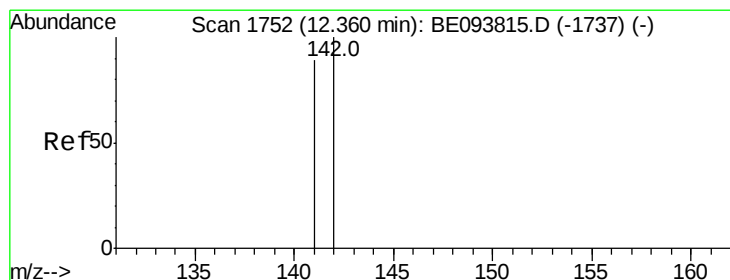
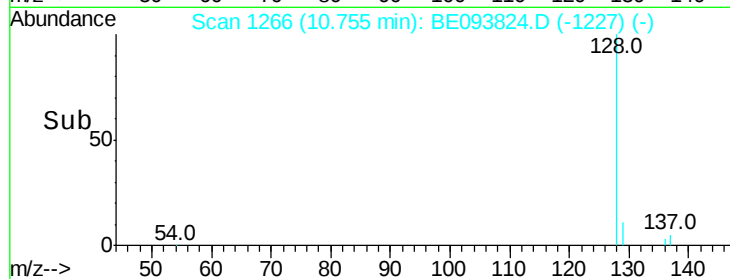
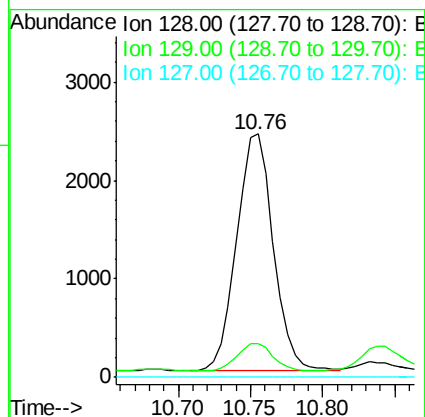
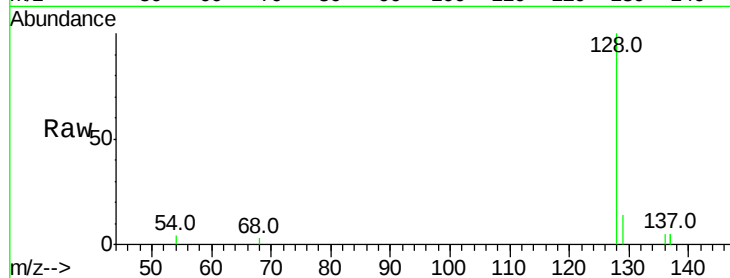
Tot Ion:128 Resp: 4252

Ion Ratio Lower Upper

128 100

129 14.0 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.218 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093824.D

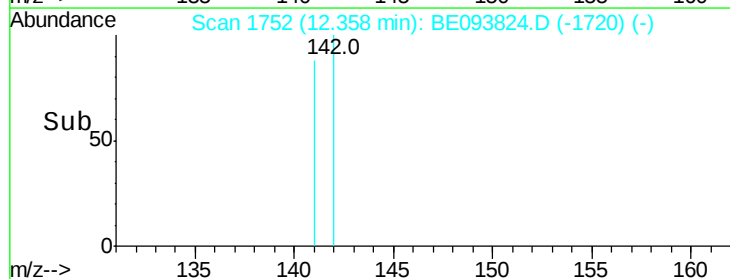
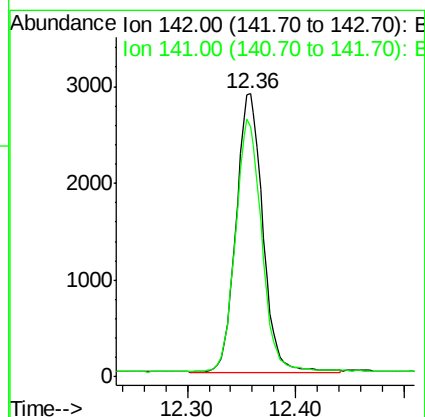
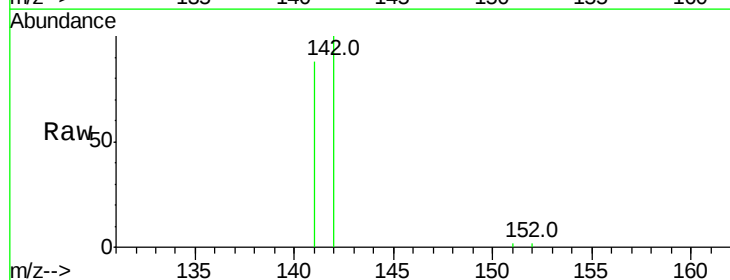
Acq: 16 Aug 2017 1:21

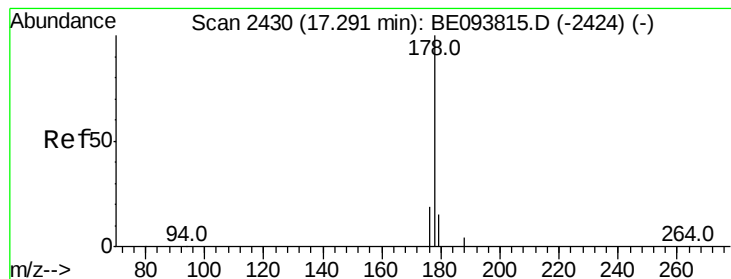
Tgt Ion:142 Resp: 4928

Ion Ratio Lower Upper

142 100

141 89.4 72.6 108.8





#12

Phenanthrene

Concen: 0.260 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093824.D

Acq: 16 Aug 2017 1:21

Instrument :

BNA_E

ClientSampleId :

C0AH6

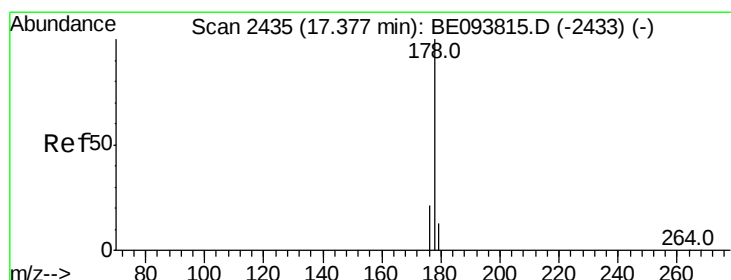
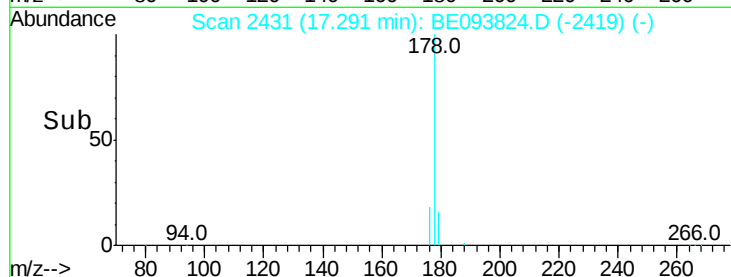
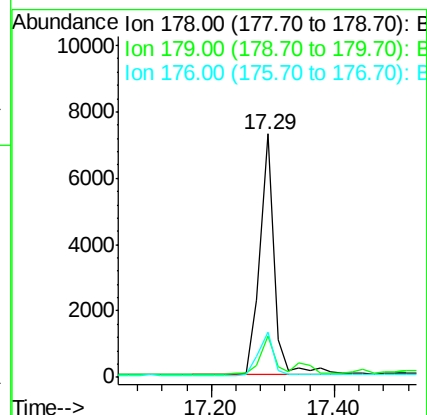
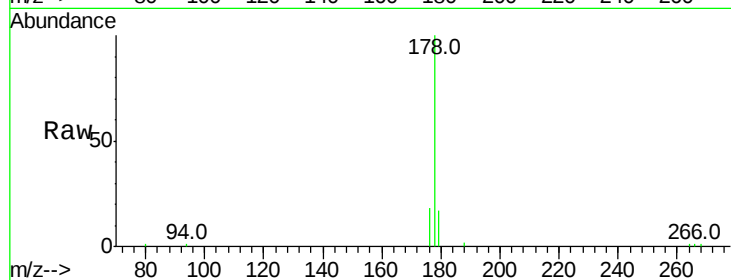
Tot Ion:178 Resp: 11927

Ion Ratio Lower Upper

178 100

179 17.2 18.4 27.6#

176 18.3 13.6 20.4



#13

Anthracene

Concen: 0.270 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.09 min

Lab File: BE093824.D

Acq: 16 Aug 2017 1:21

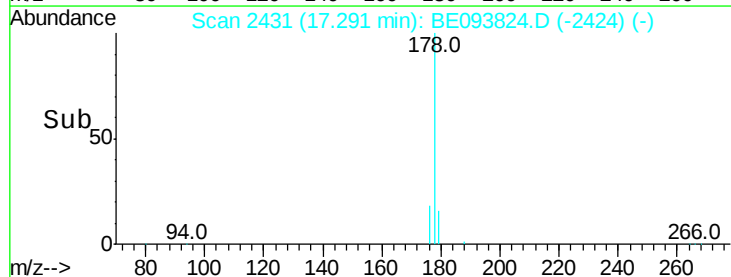
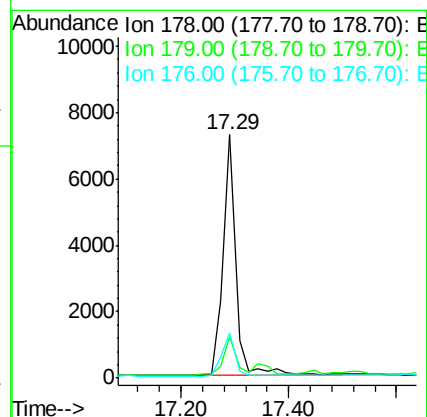
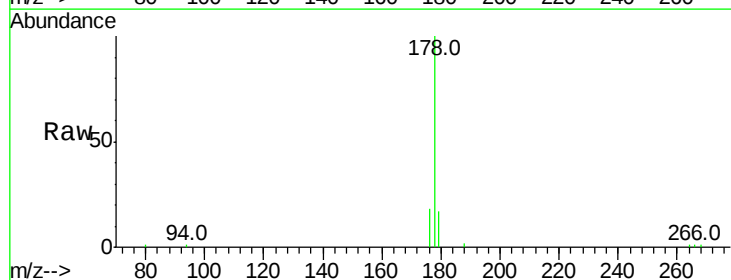
Tgt Ion:178 Resp: 12045

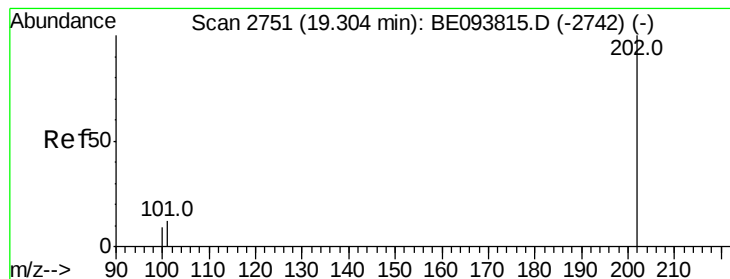
Ion Ratio Lower Upper

178 100

179 17.2 18.1 27.1#

176 18.3 14.7 22.1





#15

Fluoranthene

Concen: 0.039 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE093824.D

Acq: 16 Aug 2017 1:21

Instrument :

BNA_E

ClientSampleId :

C0AH6

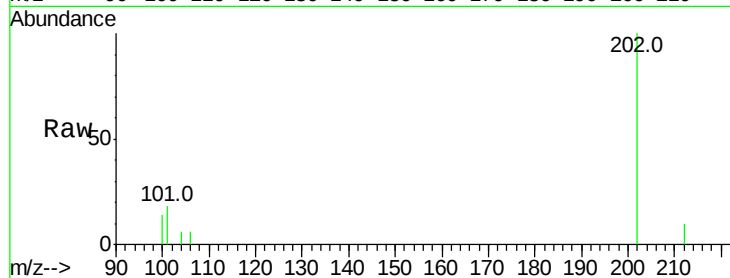
Tot Ion:202 Resp: 2234

Ion Ratio Lower Upper

202 100

101 17.7 0.0 30.3

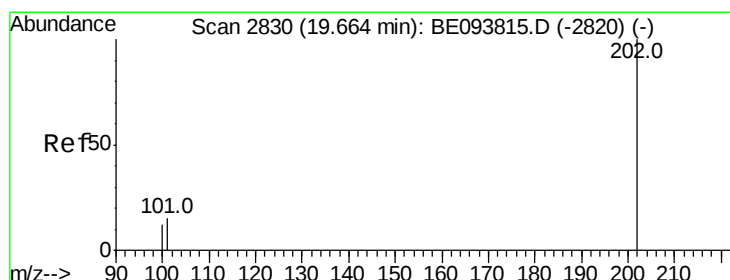
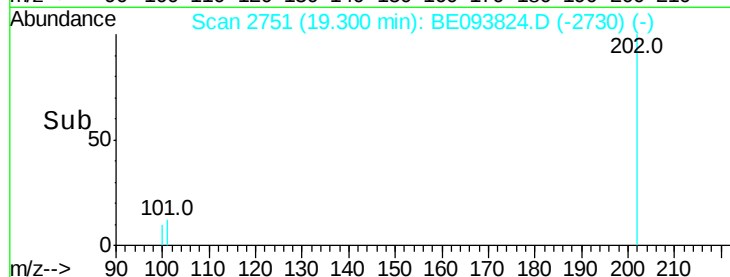
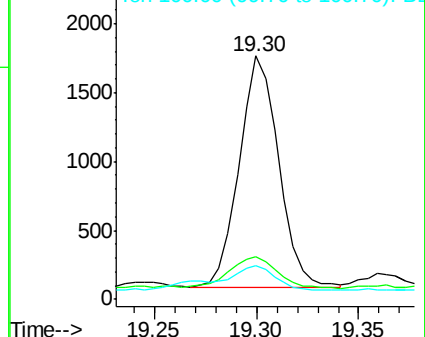
100 13.6 0.0 39.5



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: 0.073 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093824.D

Acq: 16 Aug 2017 1:21

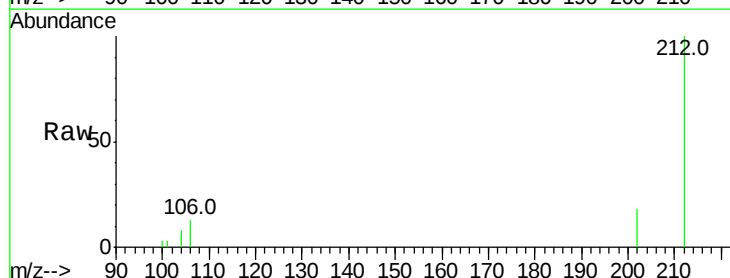
Tgt Ion:202 Resp: 3918

Ion Ratio Lower Upper

202 100

101 18.7 18.2 27.4

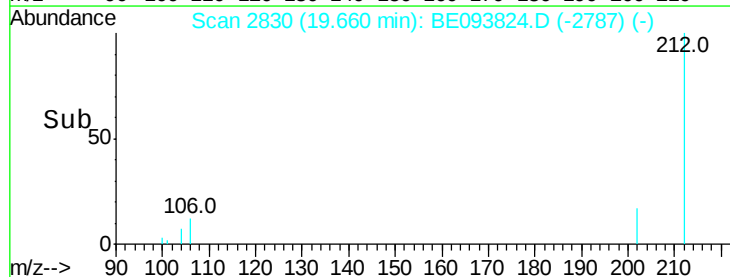
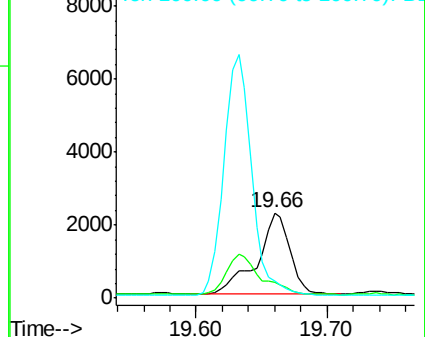
100 19.7 15.6 23.4

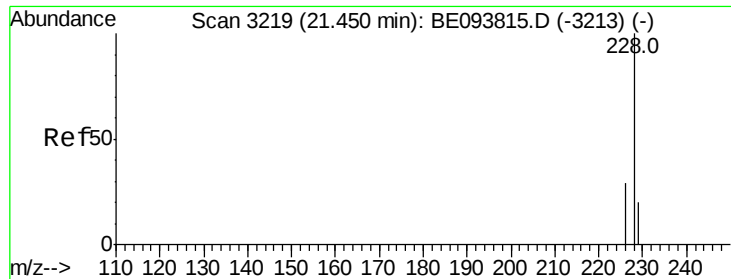


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#19

Chrysene

Concen: 0.055 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093824.D

Acq: 16 Aug 2017 1:21

Instrument :

BNA_E

ClientSampleId :

C0AH6

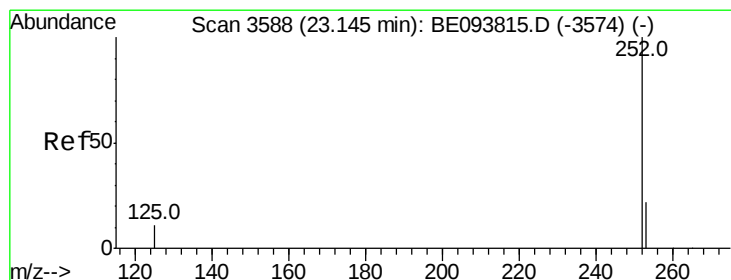
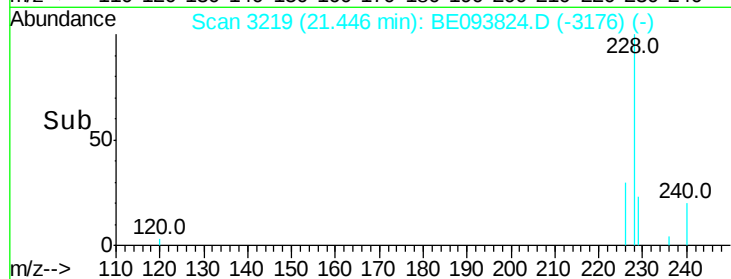
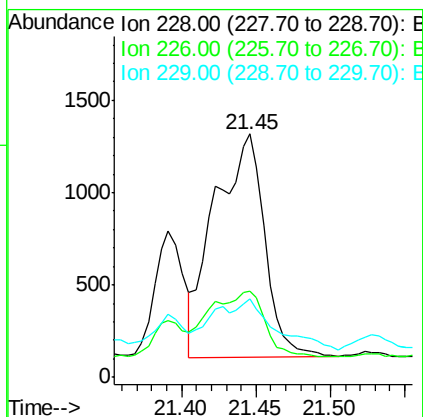
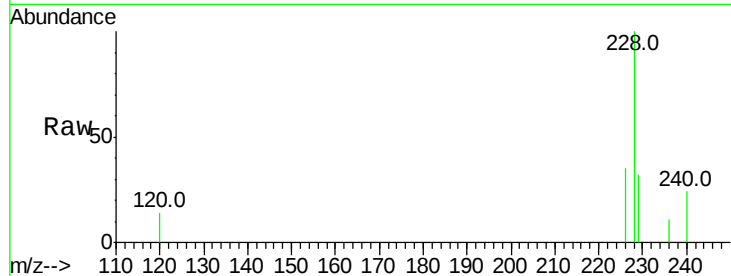
Tot Ion:228 Resp: 2815

Ion Ratio Lower Upper

228 100

226 35.4 23.4 35.0#

229 32.3 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.027 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BE093824.D

Acq: 16 Aug 2017 1:21

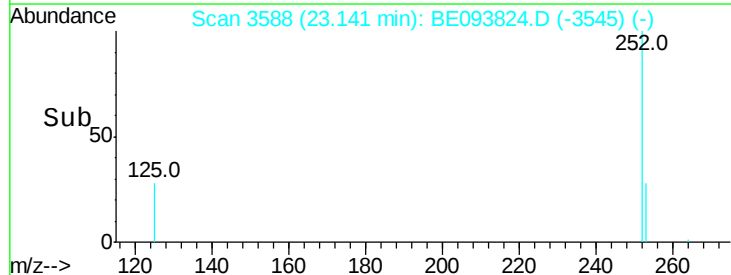
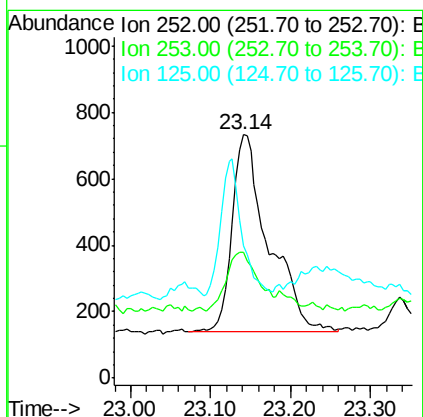
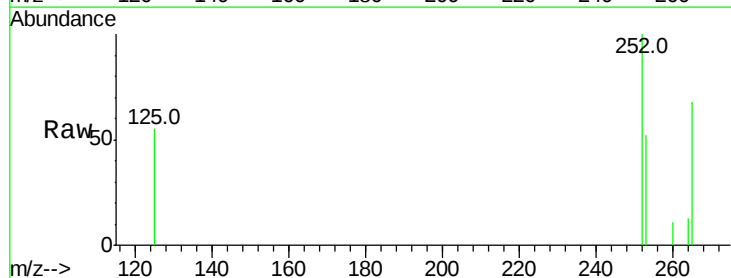
Tgt Ion:252 Resp: 1897

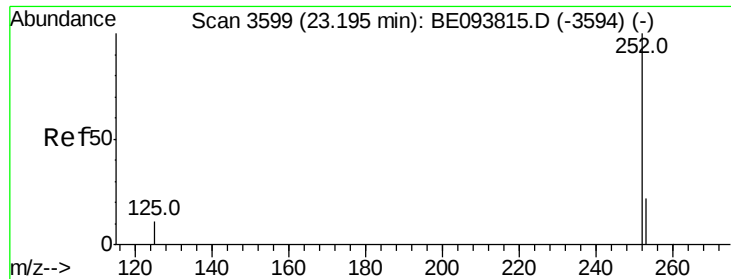
Ion Ratio Lower Upper

252 100

253 51.8 0.0 64.2

125 54.6 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.028 ng/u1

RT: 23.14 min Scan# 3588

Delta R.T. -0.05 min

Lab File: BE093824.D

Acq: 16 Aug 2017 1:21

Instrument :

BNA_E

ClientSampleId :

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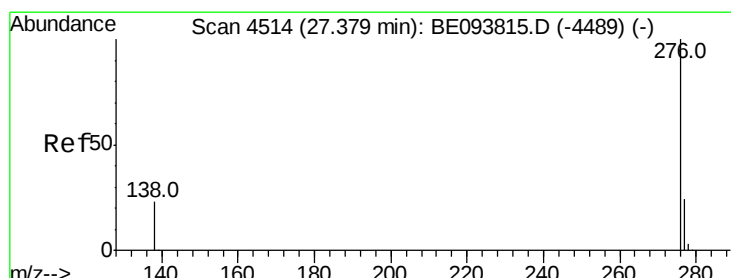
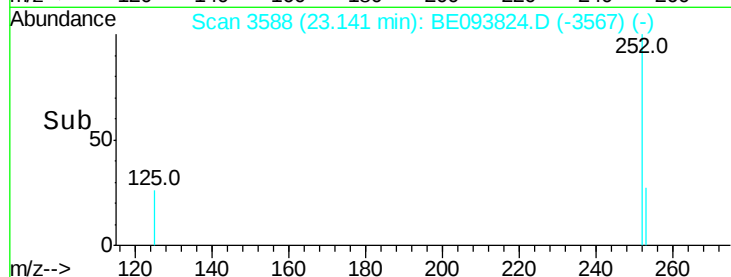
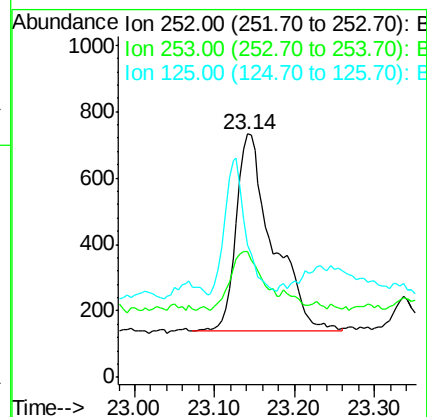
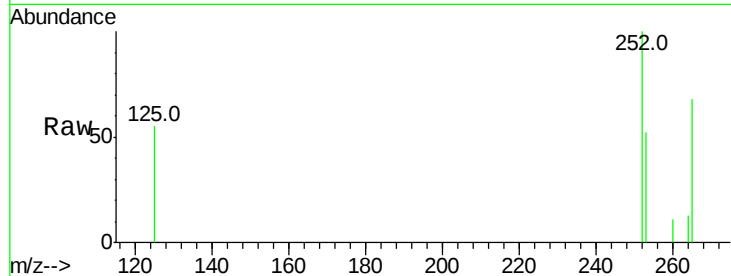
Tot Ion:252 Resp: 1897

Ion Ratio Lower Upper

252 100

253 51.8 24.5 36.7#

125 54.6 13.7 20.5#



#26

Benzo(g,h,i)perylene

Concen: 0.031 ng/u1

RT: 27.37 min Scan# 4512

Delta R.T. -0.01 min

Lab File: BE093824.D

Acq: 16 Aug 2017 1:21

Tgt Ion:276 Resp: 1874

Ion Ratio Lower Upper

276 100

138 40.7 21.8 32.8#

277 37.9 20.5 30.7#

