

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095808.D
 Acq On : 15 Mar 2018 17:52
 Operator : SJ/JU
 Sample : J1835-12DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 16 02:40:57 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 02:40:12 2018
 Response via : Initial Calibration

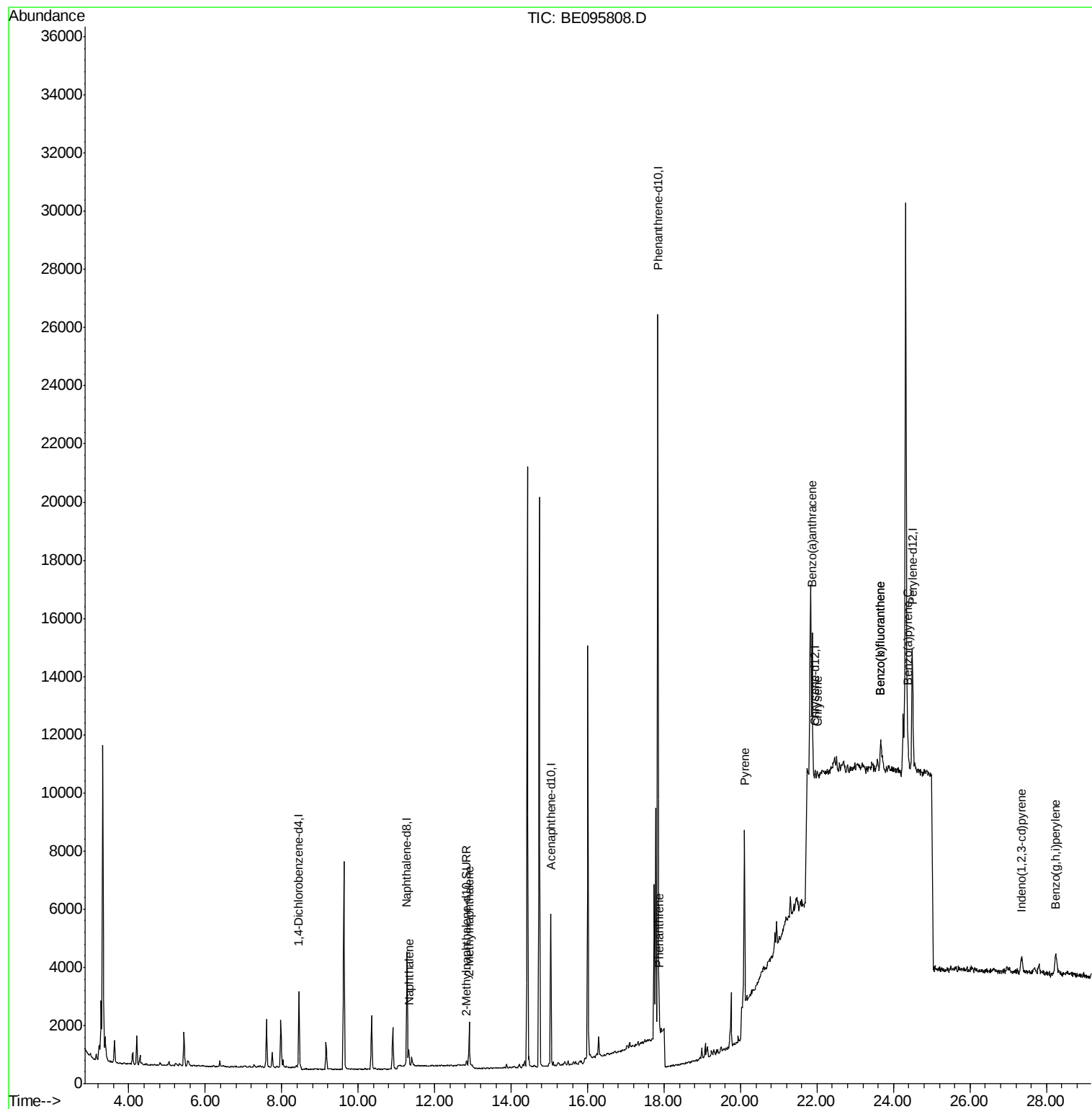
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	1895	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5450	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	2962	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.84	188	29543	0.40	ng/ul	0.09
16) Chrysene-d12	21.96	240	103	0.40	ng/ul	0.12
20) Perylene-d12	24.49	264	6281	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	211	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.79	212	22	0.00	ng/ul	0.07
Target Compounds				Ovalue		
3) Naphthalene	11.33	128	797	0.052	ng/ul#	75
5) 2-Methylnaphthalene	12.90	142	1271	0.120	ng/ul	100
12) Phenanthrene	17.87	178	2441	0.028	ng/ul#	49
17) Pyrene	20.10	202	6838	17.484	ng/ul#	80
18) Benzo(a)anthracene	21.87	228	5122	15.412	ng/ul#	60
19) Chrysene	22.01	228	252	0.745	ng/ul#	1
21) Benzo(b)fluoranthene	23.67	252	2612	0.120	ng/ul#	1
22) Benzo(k)fluoranthene	23.67	252	2612	0.126	ng/ul#	1
23) Benzo(a)pyrene	24.38	252	1958	0.099	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.34	276	1087	0.049	ng/ul#	59
26) Benzo(g,h,i)perylene	28.24	276	2376	0.126	ng/ul#	23

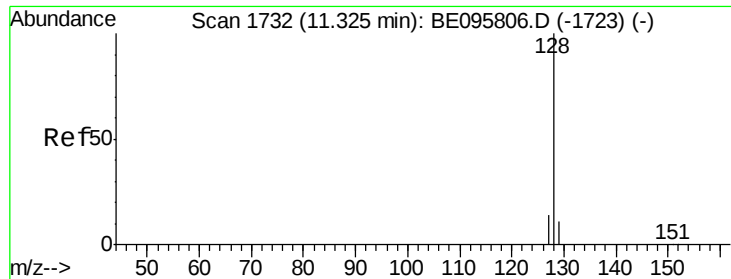
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.052 ng/ul

RT: 11.33 min Scan# 1734

Delta R.T. 0.01 min

Lab File: BE095808.D

Acq: 15 Mar 2018 17:52

Instrument :

BNA_E

ClientSampleId :

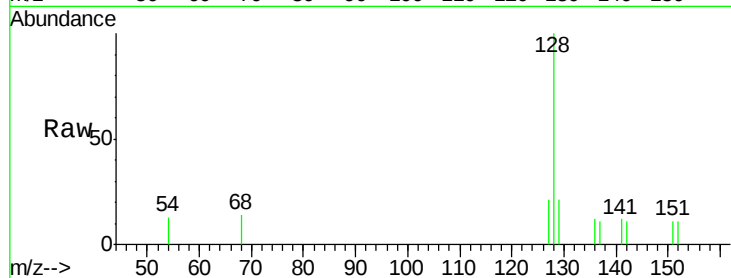
Tot Ion:128 Resp: 797

Ion Ratio Lower Upper

128 100

129 20.8 11.3 16.9#

127 21.2 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

11.33

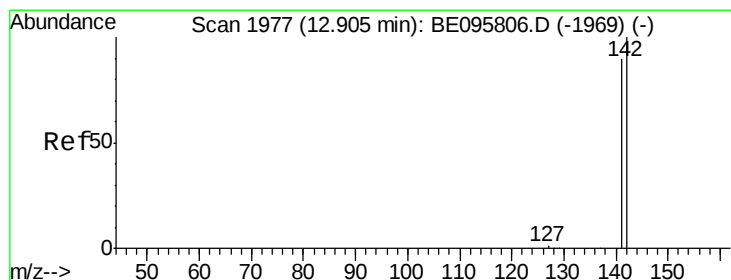
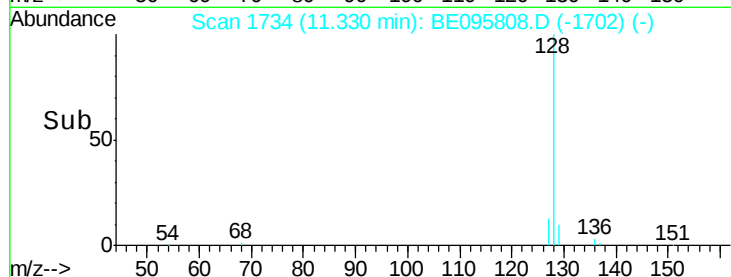
400

200

0

11.30 11.40

Time-->



#5

2-Methylnaphthalene

Concen: 0.120 ng/ul

RT: 12.90 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BE095808.D

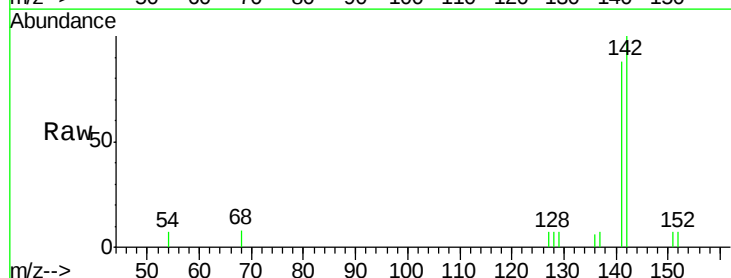
Acq: 15 Mar 2018 17:52

Tgt Ion:142 Resp: 1271

Ion Ratio Lower Upper

142 100

141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.90

1000

800

600

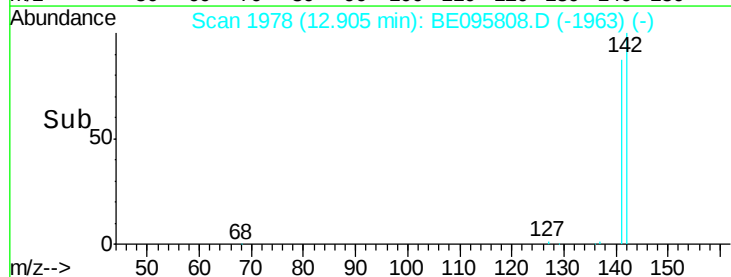
400

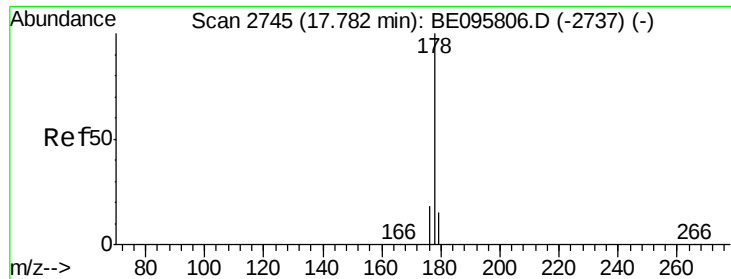
200

0

12.80 12.90

Time-->





#12

Phenanthrene

Concen: 0.028 ng/ul

RT: 17.87 min Scan# 2759

Delta R.T. 0.09 min

Lab File: BE095808.D

Acq: 15 Mar 2018 17:52

Instrument :

BNA_E

ClientSampleId :

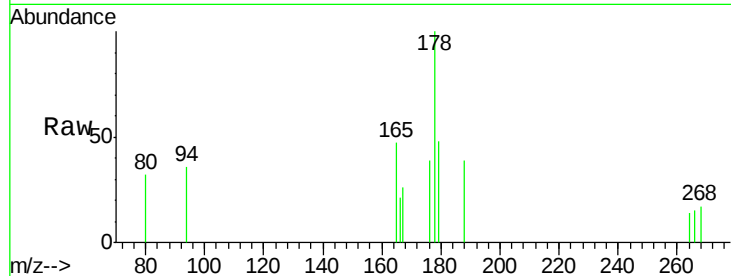
Tot Ion:178 Resp: 2441

Ion Ratio Lower Upper

178 100

179 47.7 18.4 27.6#

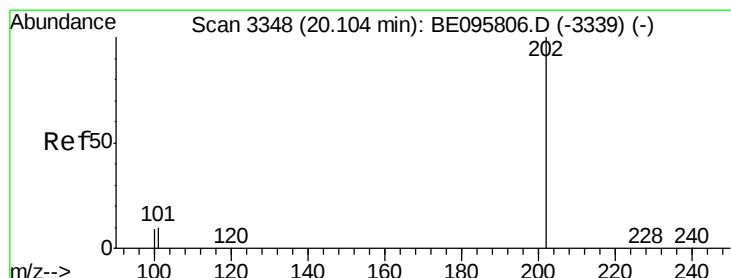
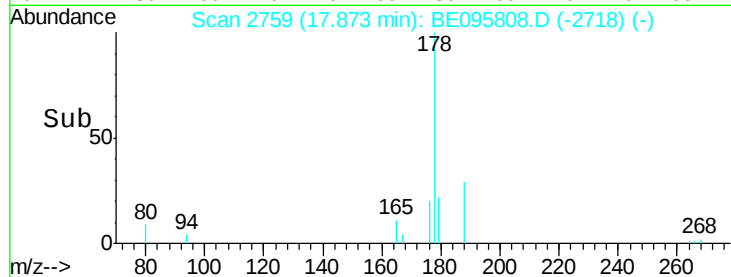
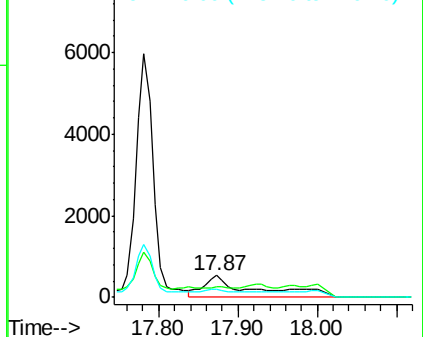
176 38.7 13.6 20.4#



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



#17

Pyrene

Concen: 17.484 ng/ul

RT: 20.10 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BE095808.D

Acq: 15 Mar 2018 17:52

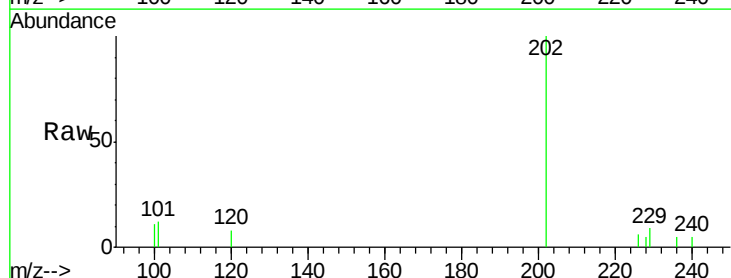
Tgt Ion:202 Resp: 6838

Ion Ratio Lower Upper

202 100

101 12.4 18.2 27.4#

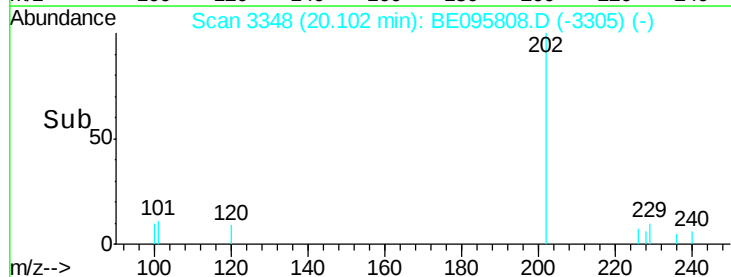
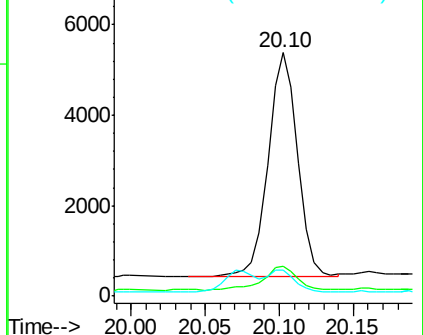
100 10.7 15.6 23.4#

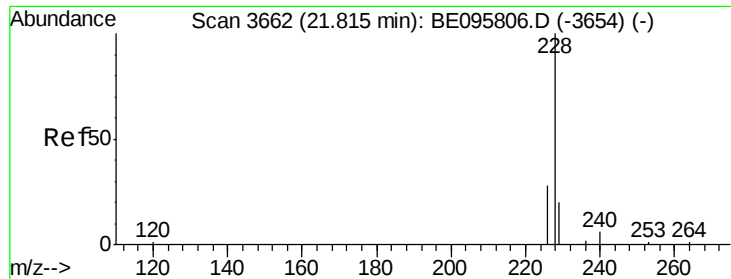


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 15.412 ng/ul

RT: 21.87 min Scan# 3670

Delta R.T. 0.06 min

Lab File: BE095808.D

Acq: 15 Mar 2018 17:52

Instrument :

BNA_E

ClientSampleId :

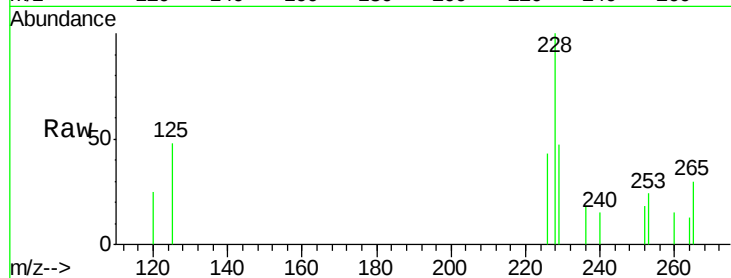
Tot Ion:228 Resp: 5122

Ion Ratio Lower Upper

228 100

229 47.2 22.8 34.2#

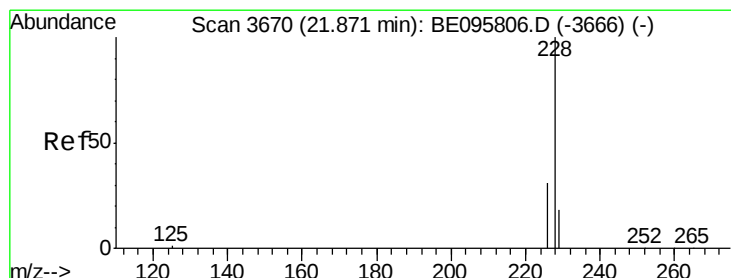
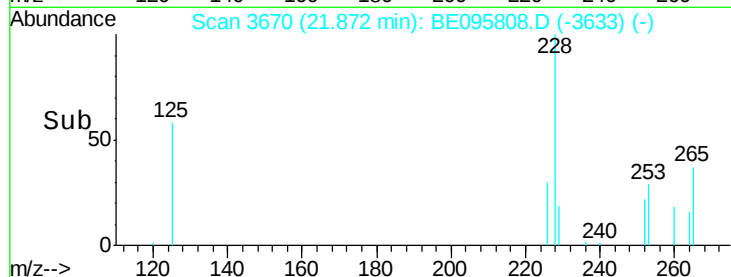
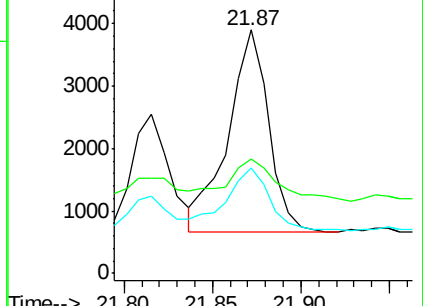
226 43.2 17.0 25.6#



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



#19

Chrysene

Concen: 0.745 ng/ul

RT: 22.01 min Scan# 3690

Delta R.T. 0.14 min

Lab File: BE095808.D

Acq: 15 Mar 2018 17:52

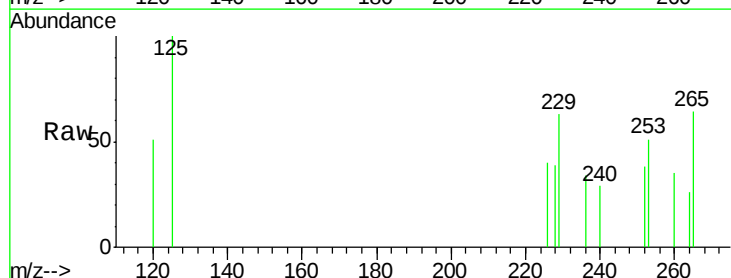
Tgt Ion:228 Resp: 252

Ion Ratio Lower Upper

228 100

226 103.5 23.4 35.0#

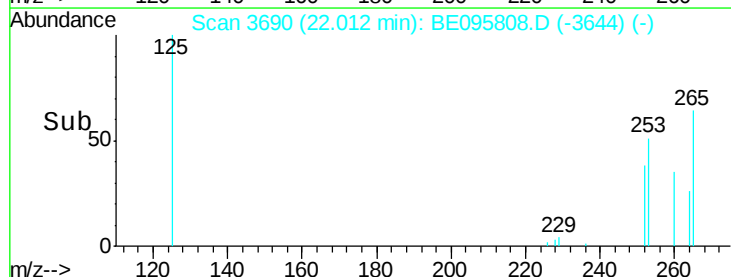
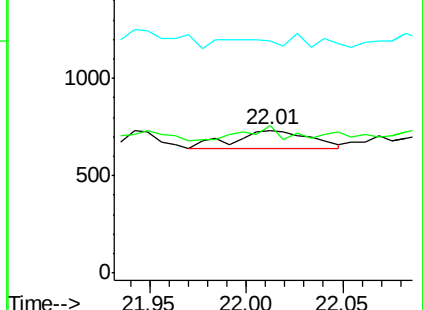
229 162.8 17.7 26.5#

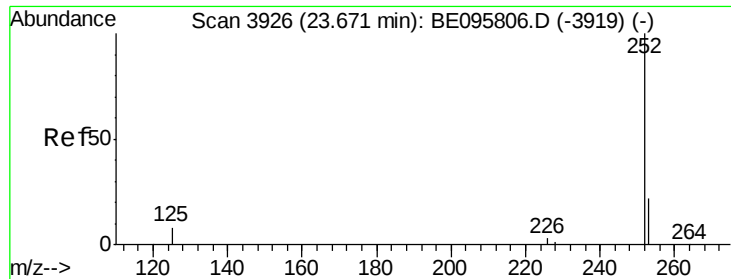


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.120 ng/ul

RT: 23.67 min Scan# 3926

Delta R.T. 0.00 min

Lab File: BE095808.D

Acq: 15 Mar 2018 17:52

Instrument :

BNA_E

ClientSampleId :

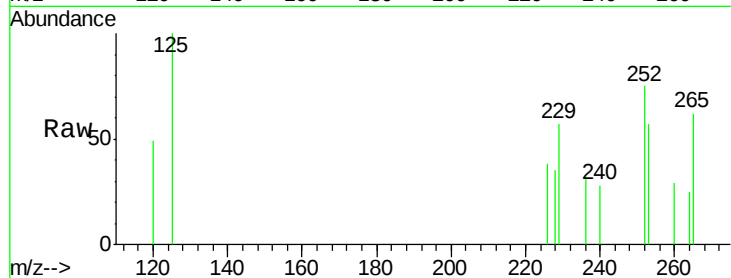
Tot Ion:252 Resp: 2612

Ion Ratio Lower Upper

252 100

253 76.8 0.0 64.2#

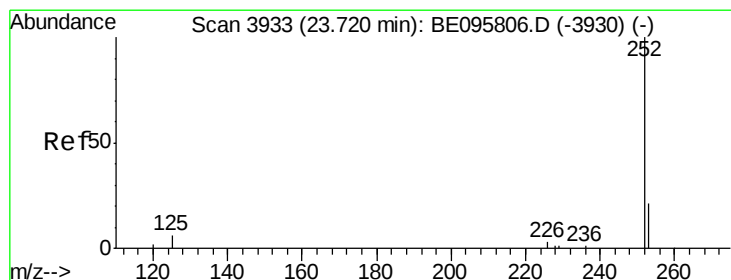
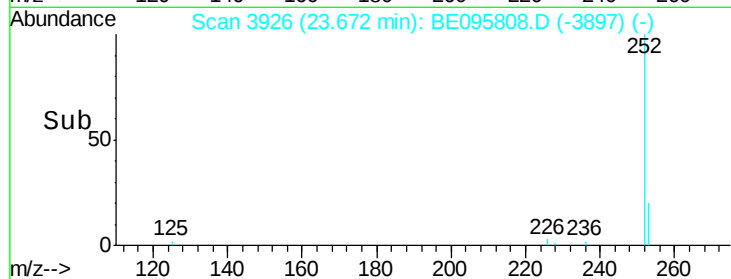
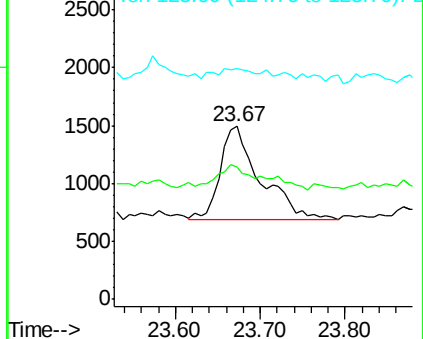
125 133.7 0.0 35.0#



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: 0.126 ng/ul

RT: 23.67 min Scan# 3926

Delta R.T. -0.05 min

Lab File: BE095808.D

Acq: 15 Mar 2018 17:52

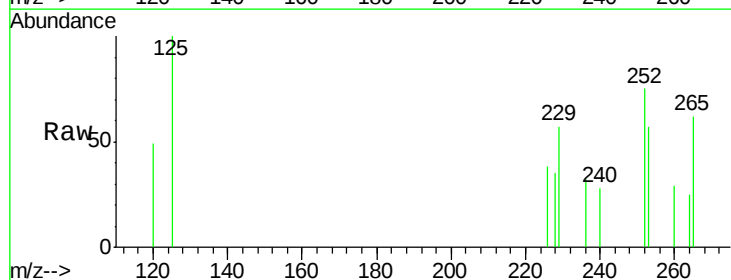
Tgt Ion:252 Resp: 2612

Ion Ratio Lower Upper

252 100

253 76.8 24.5 36.7#

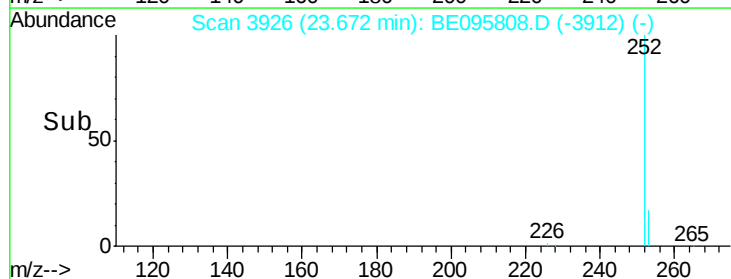
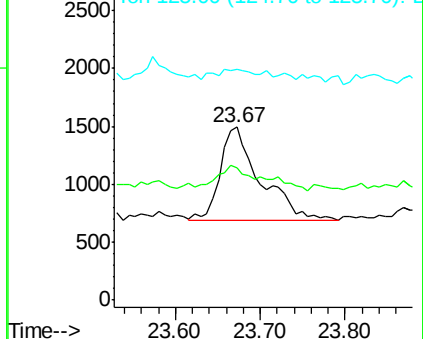
125 133.7 13.7 20.5#

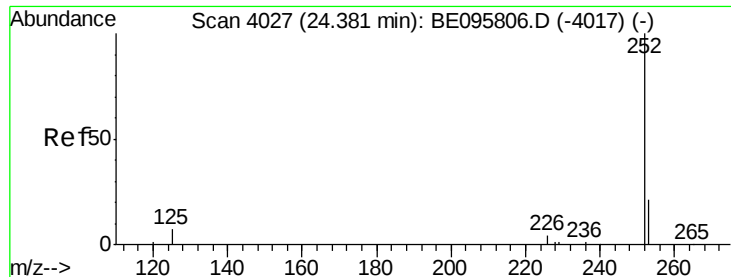


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.099 ng/ul

RT: 24.38 min Scan# 4026

Delta R.T. -0.01 min

Lab File: BE095808.D

Acq: 15 Mar 2018 17:52

Instrument :

BNA_E

ClientSampleId :

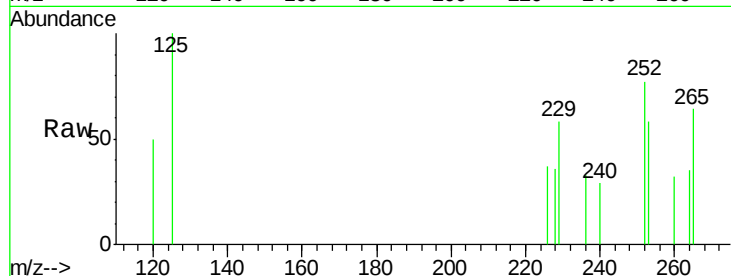
Tot Ion:252 Resp: 1958

Ion Ratio Lower Upper

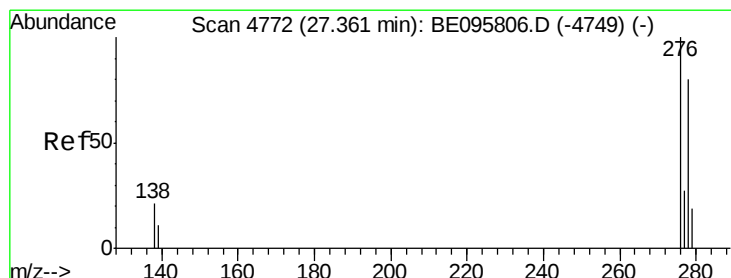
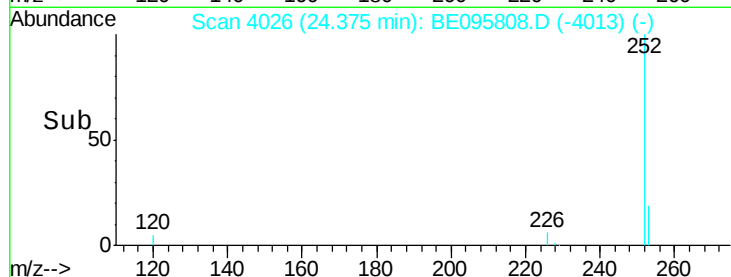
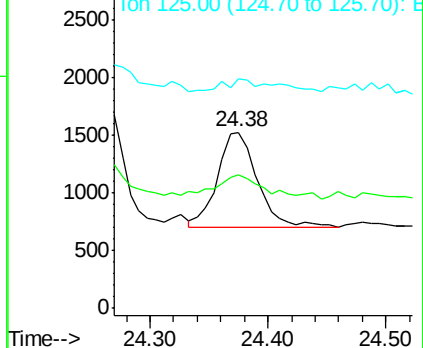
252 100

253 76.1 28.5 42.7#

125 130.5 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: 0.049 ng/ul

RT: 27.34 min Scan# 4767

Delta R.T. -0.02 min

Lab File: BE095808.D

Acq: 15 Mar 2018 17:52

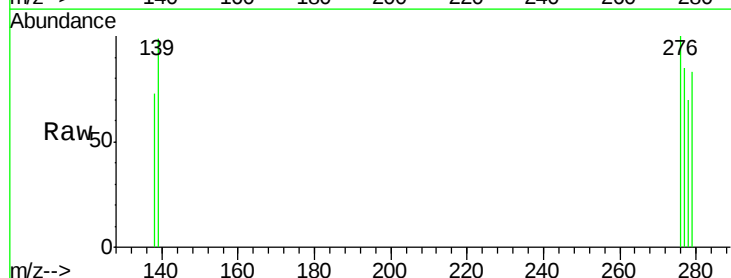
Tgt Ion:276 Resp: 1087

Ion Ratio Lower Upper

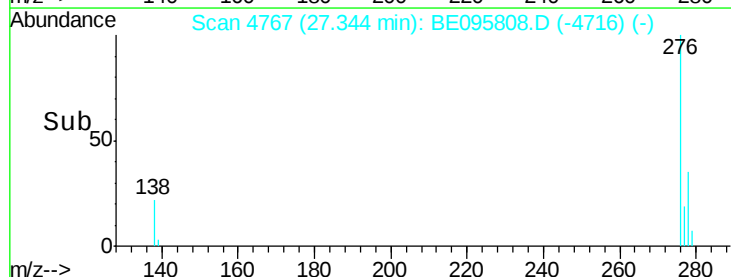
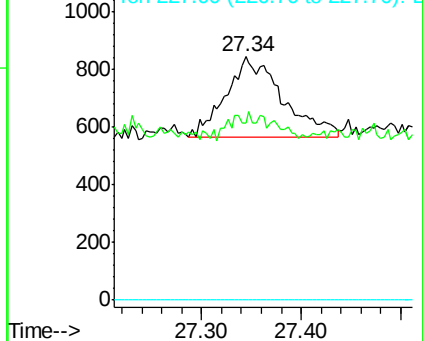
276 100

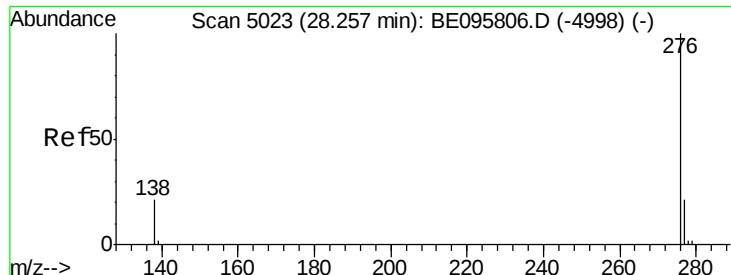
138 9.1 28.0 42.0#

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(a,h,i)perylene

Concen: 0.126 ng/ul

RT: 28.24 min Scan# 5018

Delta R.T. -0.02 min

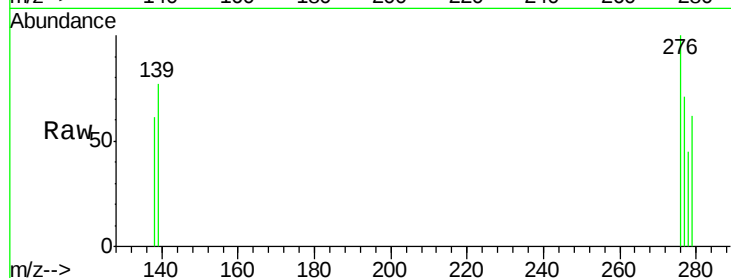
Lab File: BE095808.D

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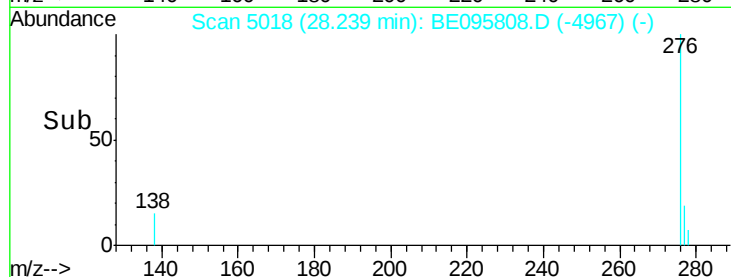
Tot Ion: 276 Resp: 2376

Ion Ratio Lower Upper

276 100

138 61.2 21.8 32.8#

277 71.3 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

