

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096015.D
 Acq On : 17 Apr 2018 1:26
 Operator : SJ/JU
 Sample : J2313-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 17 02:15:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 01:14:57 2018
 Response via : Initial Calibration

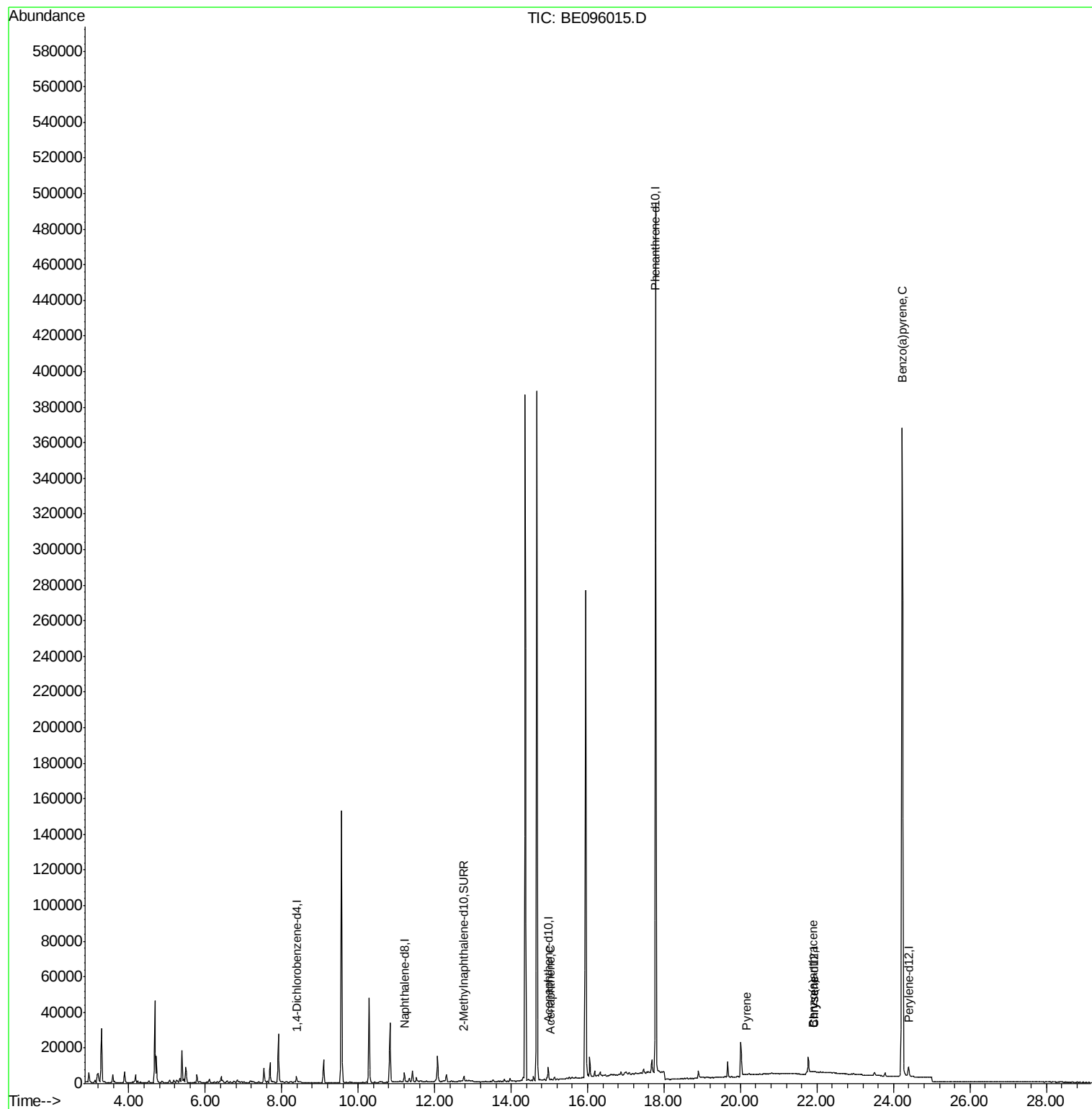
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	2342	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	6638	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	4204	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	575967	0.40	ng/ul	0.11
16) Chrysene-d12	21.93	240	34	0.40	ng/ul	0.16
20) Perylene-d12	24.40	264	8554	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3915	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.76	212	175	0.00	ng/ul	0.09
Target Compounds				Ovalue		
8) Acenaphthene	15.03	153	521	0.033	ng/ul#	74
17) Pyrene	20.17	202	160	1.385	ng/ul#	53
18) Benzo(a)anthracene	21.89	228	46	0.335	ng/ul#	1
19) Chrysene	21.93	228	181	1.831	ng/ul#	1
23) Benzo(a)pyrene	24.23	252	2372	0.089	ng/ul#	45

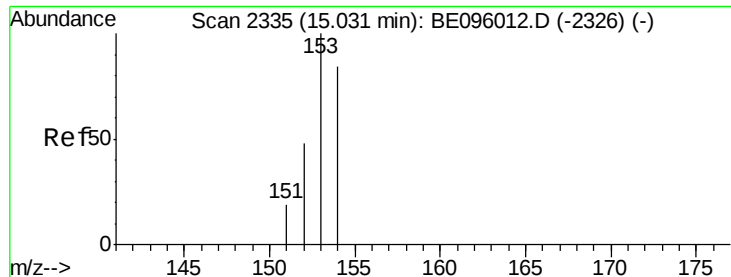
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.033 ng/ul

RT: 15.03 min Scan# 2333

Delta R.T. -0.00 min

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BNA_E

ClientSampleId :

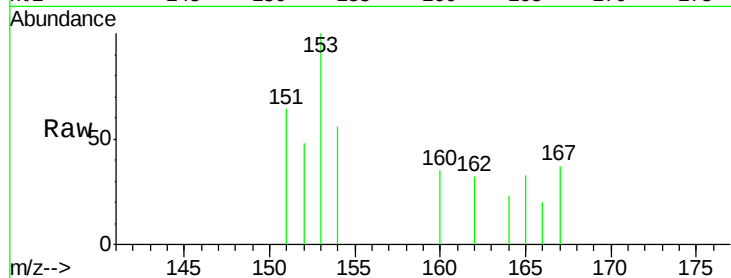
Tot Ion:153 Resp: 521

Ion Ratio Lower Upper

153 100

152 48.2 36.0 54.0

154 56.0 72.0 108.0#



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

15.03

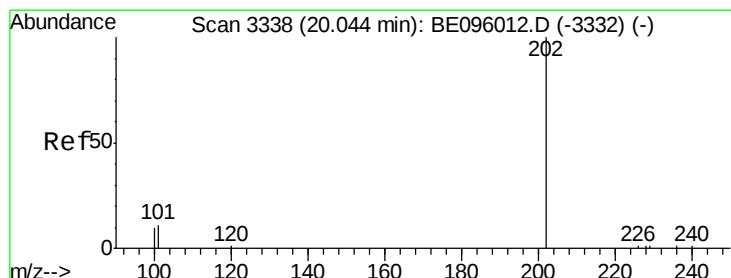
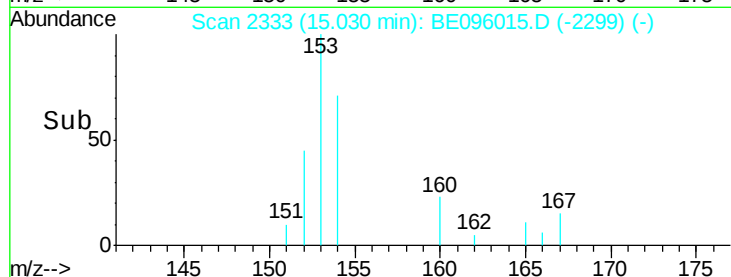
600

400

200

0

Time-->



#17

Pyrene

Concen: 1.385 ng/ul

RT: 20.17 min Scan# 3360

Delta R.T. 0.13 min

Lab File: BE096015.D

Acq: 17 Apr 2018 1:26

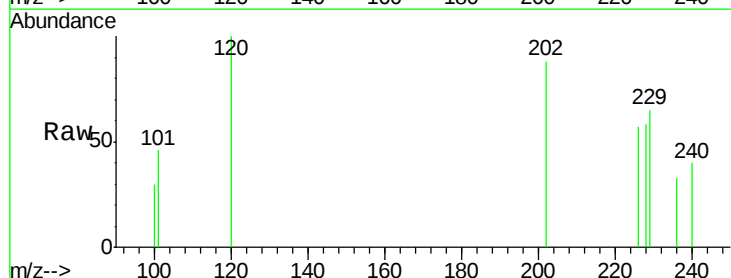
Tgt Ion:202 Resp: 160

Ion Ratio Lower Upper

202 100

101 52.0 18.2 27.4#

100 33.6 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): E

20.17

1200

1000

800

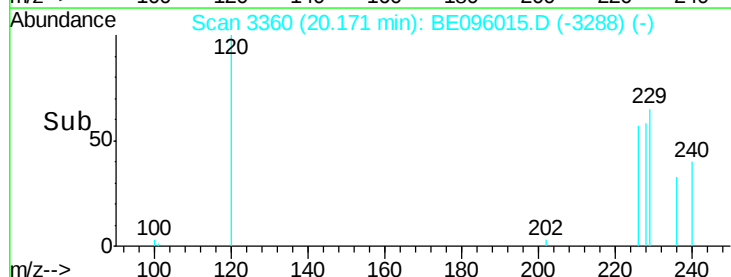
600

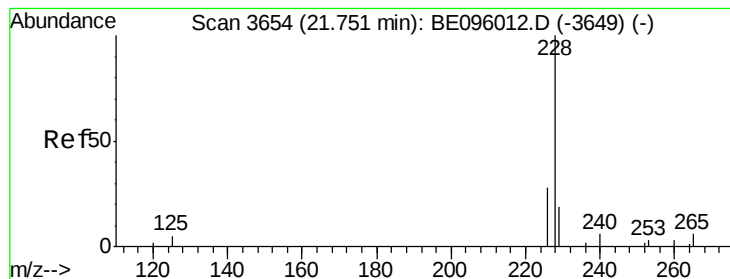
400

200

0

Time-->





#18

Benzo(a)anthracene

Concen: 0.335 ng/ul

RT: 21.89 min Scan# 3672

Delta R.T. 0.14 min

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Acq: 17 Apr 2018 1:26

Instrument :

BNA_E

ClientSampleId :

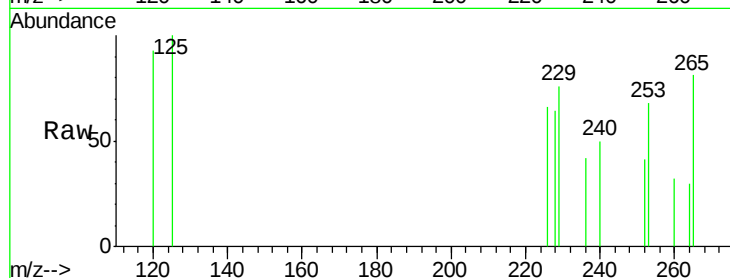
Tot Ion:228 Resp: 46

Ion Ratio Lower Upper

228 100

229 118.8 22.8 34.2#

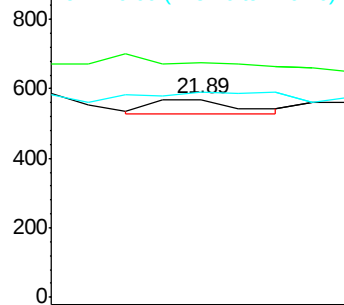
226 103.5 17.0 25.6#



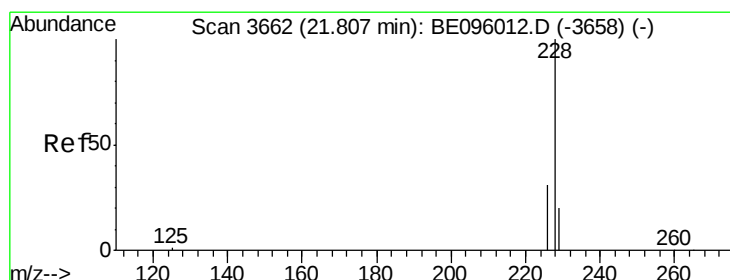
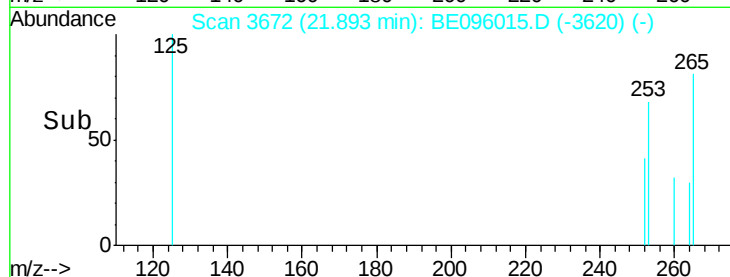
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#19

Chrysene

Concen: 1.831 ng/ul

RT: 21.93 min Scan# 3677

Delta R.T. 0.12 min

Lab File: BE096015.D

Acq: 17 Apr 2018 1:26

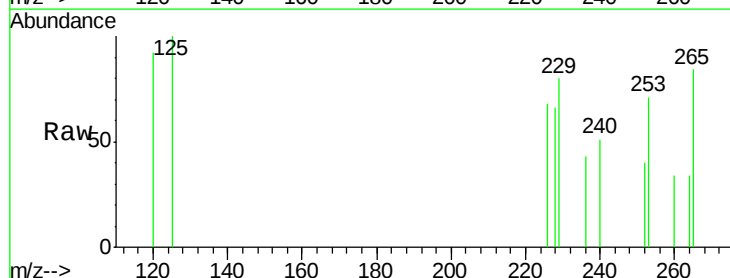
Tgt Ion:228 Resp: 181

Ion Ratio Lower Upper

228 100

226 103.5 23.4 35.0#

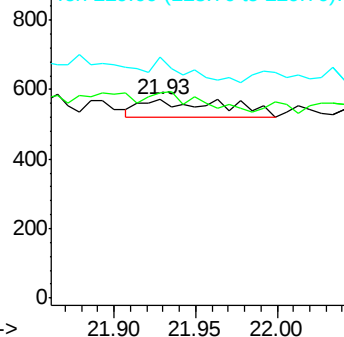
229 121.0 17.7 26.5#



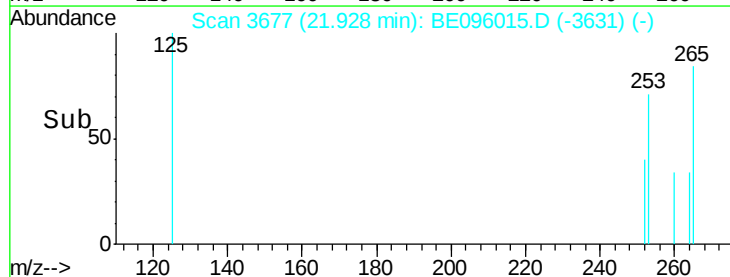
Abundance Ion 228.00 (227.70 to 228.70): E

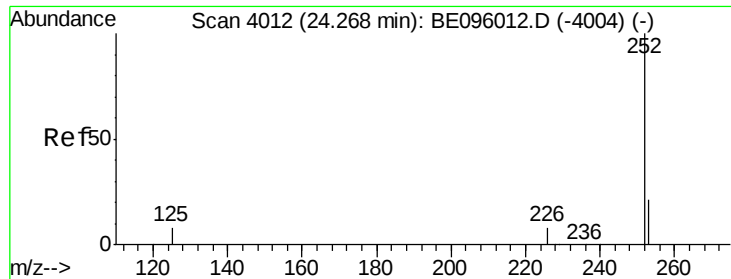
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.089 ng/ul

RT: 24.23 min Scan# 4004

Delta R.T. -0.04 min

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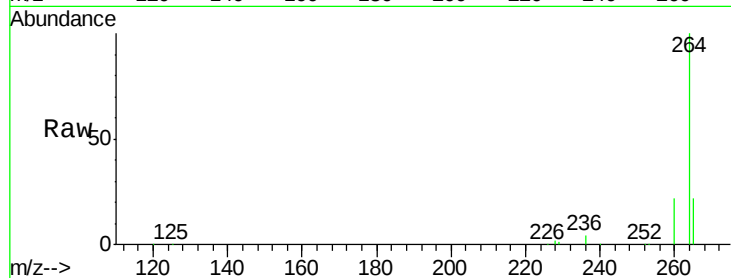
Tot Ion: 252 Resp: 2372

Ion Ratio Lower Upper

252 100

253 61.2 28.5 42.7#

125 57.2 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

