

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041718\
 Data File : BE096023.D
 Acq On : 17 Apr 2018 16:39
 Operator : SJ/JU
 Sample : J2313-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 18 01:21:32 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 01:18:08 2018
 Response via : Initial Calibration

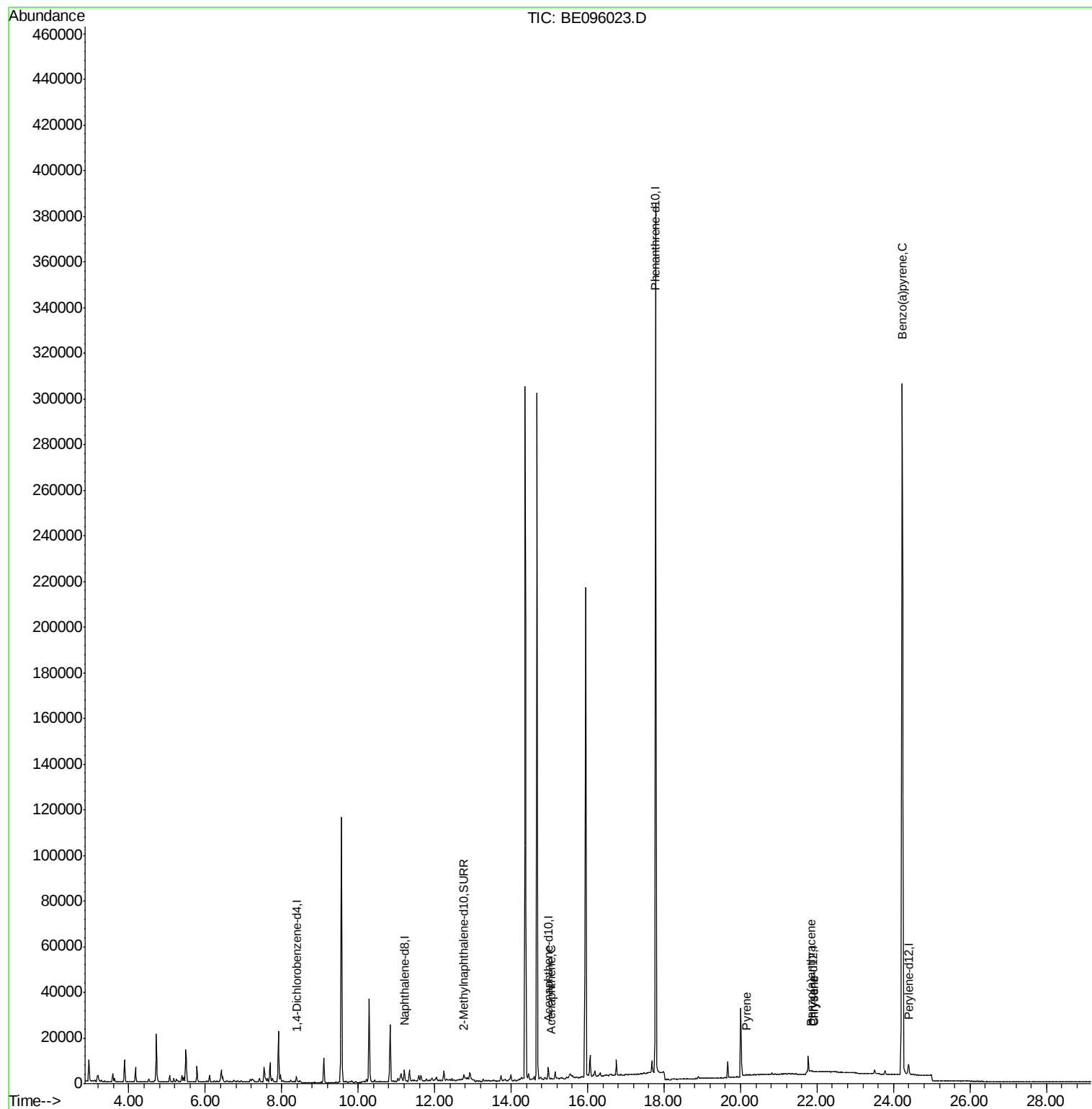
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1873	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	4986	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3656	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	473018	0.40	ng/ul	0.10
16) Chrysene-d12	21.89	240	23	0.40	ng/ul	0.12
20) Perylene-d12	24.40	264	7693	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2945	0.32	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
8) Acenaphthene	15.04	153	321	0.024	ng/ul#	70
17) Pyrene	20.16	202	74	0.947	ng/ul#	48
18) Benzo(a)anthracene	21.84	228	133	1.431	ng/ul#	1
19) Chrysene	21.91	228	111	1.660	ng/ul#	1
23) Benzo(a)pyrene	24.23	252	1791	0.075	ng/ul#	40

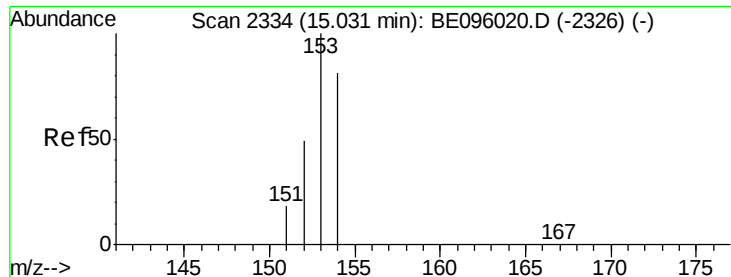
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.024 ng/ul

RT: 15.04 min Scan# 2335

Delta R.T. 0.01 min

Lab File: BE096023.D

Acq: 17 Apr 2018 16:39

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ClientSampleId :

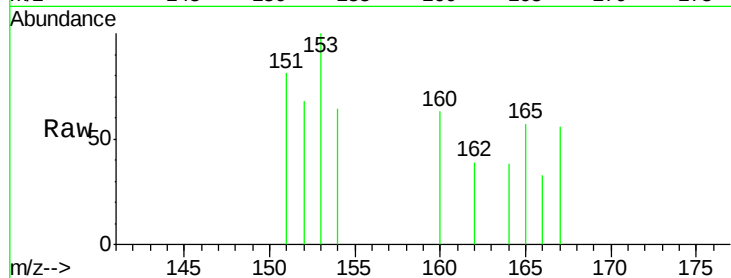
Tot Ion:153 Resp: 321

Ion Ratio Lower Upper

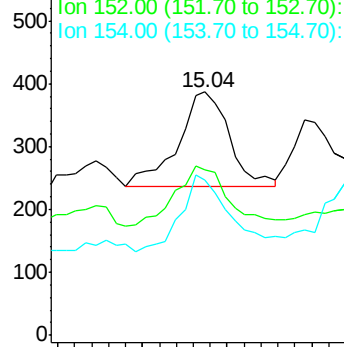
153 100

152 68.2 36.0 54.0#

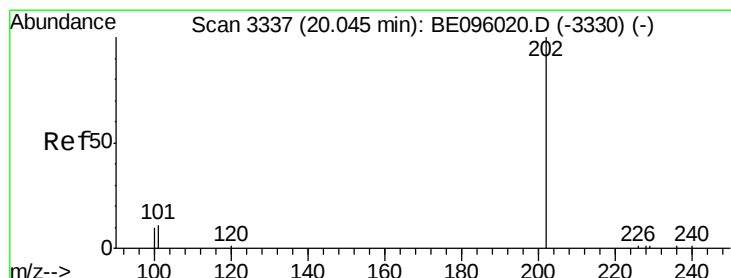
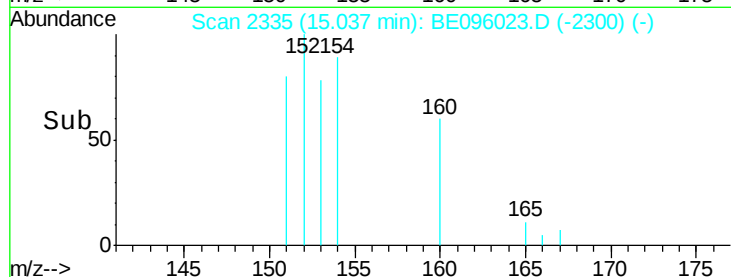
154 63.8 72.0 108.0#



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



Time--> 14.95 15.00 15.05 15.10



#17

Pyrene

Concen: 0.947 ng/ul

RT: 20.16 min Scan# 3359

Delta R.T. 0.12 min

Lab File: BE096023.D

Acq: 17 Apr 2018 16:39

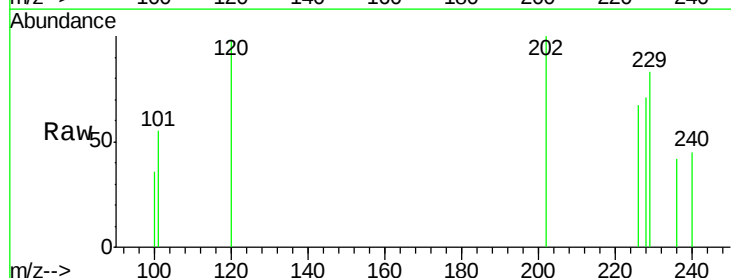
Tgt Ion:202 Resp: 74

Ion Ratio Lower Upper

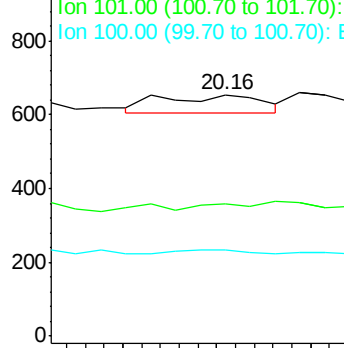
202 100

101 54.9 18.2 27.4#

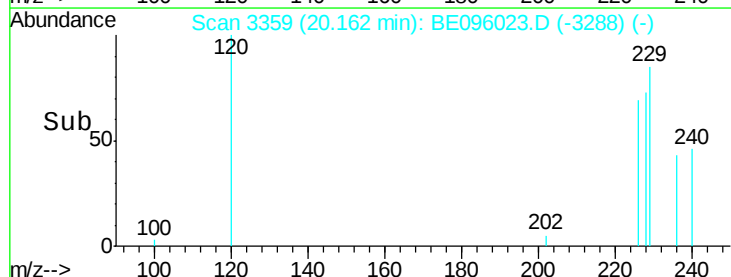
100 35.6 15.6 23.4#

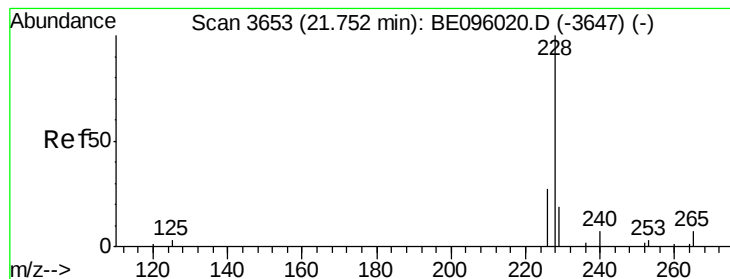


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



Time--> 20.14 20.16 20.18





#18

Benzo(a)anthracene

Concen: 1.431 ng/ul

RT: 21.84 min Scan# 3665

Delta R.T. 0.08 min

Lab File: BE096023.D

Acq: 17 Apr 2018 16:39

Instrument :

BNA_E

ClientSampleId :

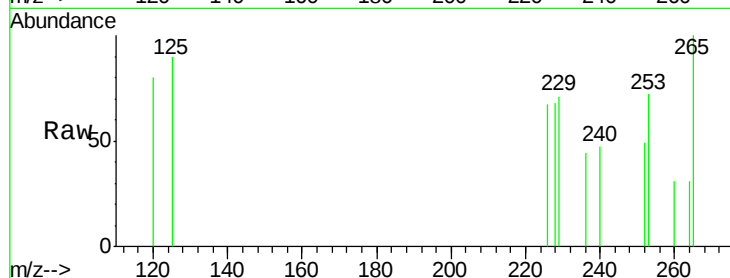
Tot Ion:228 Resp: 133

Ion Ratio Lower Upper

228 100

229 104.2 22.8 34.2#

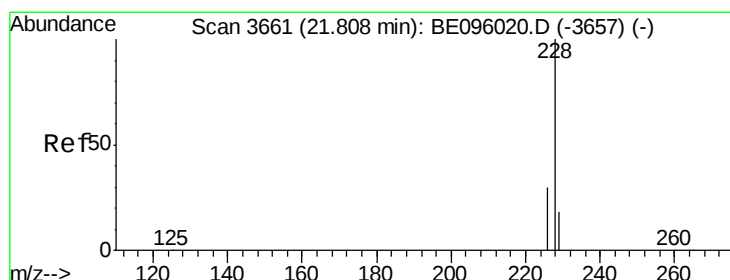
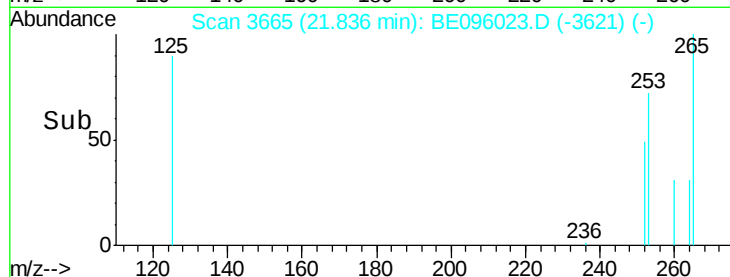
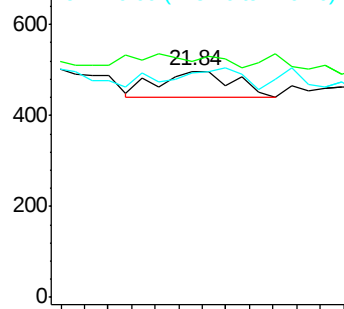
226 99.2 17.0 25.6#



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: 1.660 ng/ul

RT: 21.91 min Scan# 3676

Delta R.T. 0.10 min

Lab File: BE096023.D

Acq: 17 Apr 2018 16:39

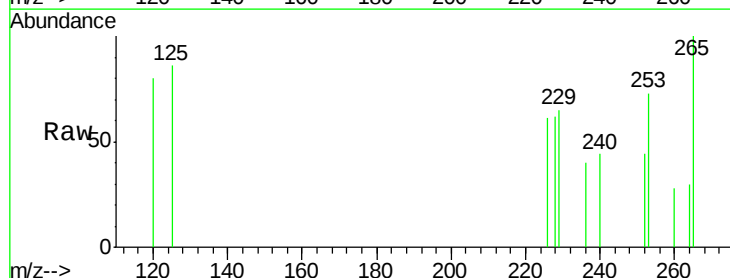
Tgt Ion:228 Resp: 111

Ion Ratio Lower Upper

228 100

226 98.1 23.4 35.0#

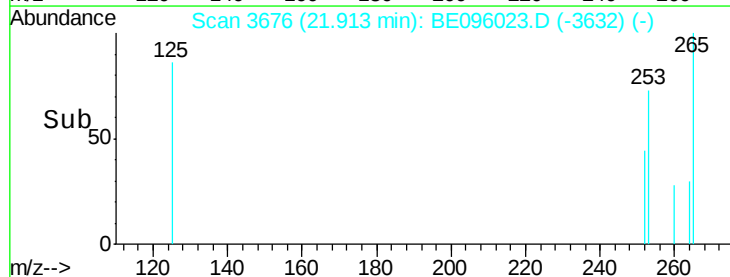
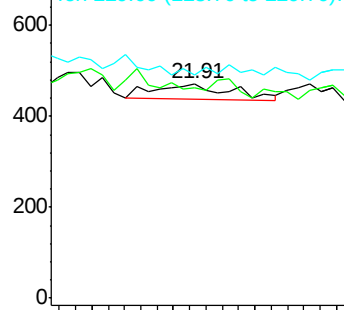
229 103.8 17.7 26.5#

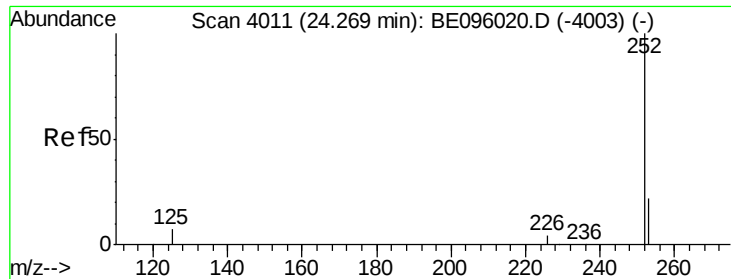


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(a)pyrene

Concen: 0.075 ng/ul

RT: 24.23 min Scan# 4005

Delta R.T. -0.04 min

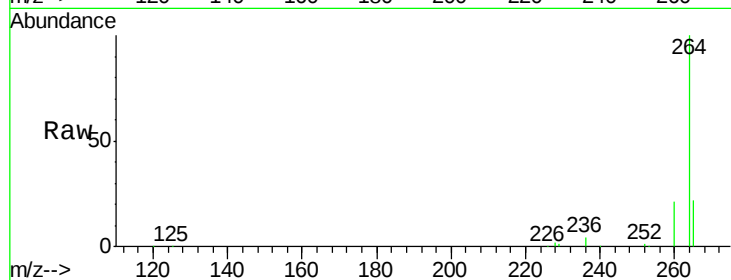
Lab File: BE096023.D

Acq: 17 Apr 2018 16:39

Instrument :

BNA_E

ClientSampleId :



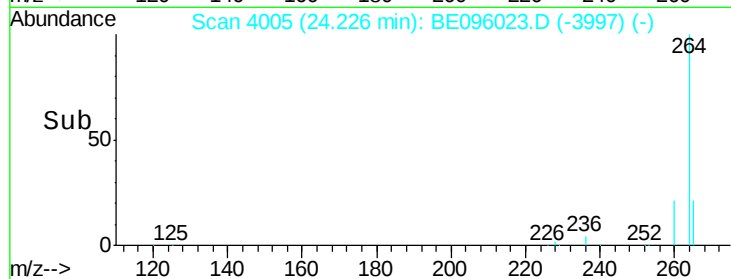
Tot Ion: 252 Resp: 1791

Ion Ratio Lower Upper

252 100

253 66.1 28.5 42.7#

125 57.8 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

