

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
 Data File : BE096334.D
 Acq On : 3 May 2018 21:53
 Operator : SJ/JU
 Sample : J2440-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 04 01:56:21 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 04 01:53:25 2018
 Response via : Initial Calibration

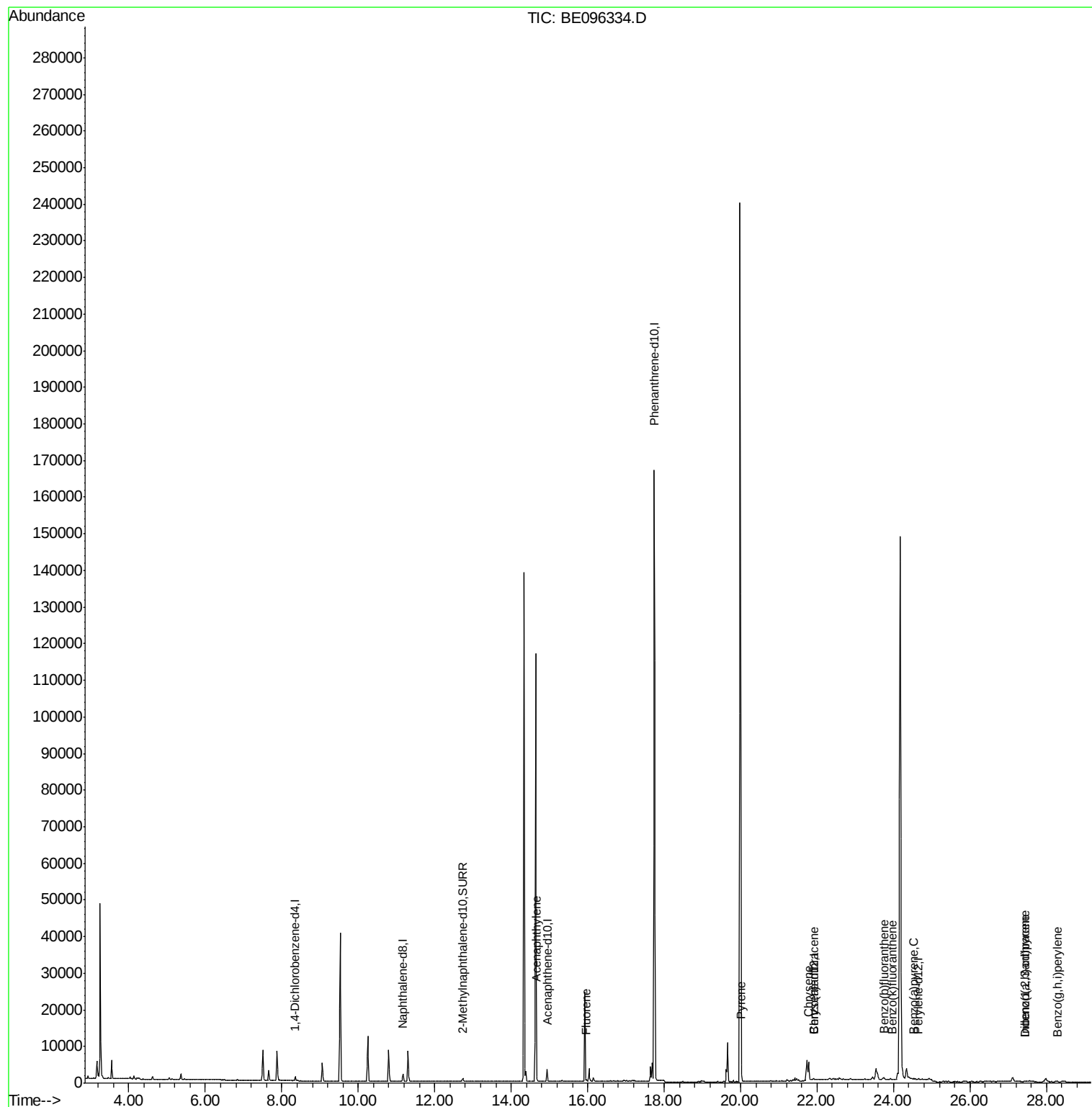
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	638	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	2776	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1806	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	193819	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	5	0.40	ng/ul	0.16
20) Perylene-d12	24.64	264	25	0.40	ng/ul	0.30
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1134	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
7) Acenaphthylene	14.67	152	501	0.053	ng/ul#	77
9) Fluorene	15.97	166	186	0.020	ng/ul#	81
17) Pyrene	20.02	202	3183	565.938	ng/ul#	75
18) Benzo(a)anthracene	21.91	228	191	24.455	ng/ul#	15
19) Chrysene	21.78	228	4814	322.442	ng/ul	95
21) Benzo(b)fluoranthene	23.74	252	860	10.053	ng/ul#	63
22) Benzo(k)fluoranthene	23.97	252	39	0.472	ng/ul#	1
23) Benzo(a)pyrene	24.52	252	8	0.100	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.44	276	92	1.037	ng/ul#	50
25) Dibenzo(a,h)anthracene	27.45	278	334	4.603	ng/ul#	39
26) Benzo(g,h,i)perylene	28.29	276	12	0.161	ng/ul#	1

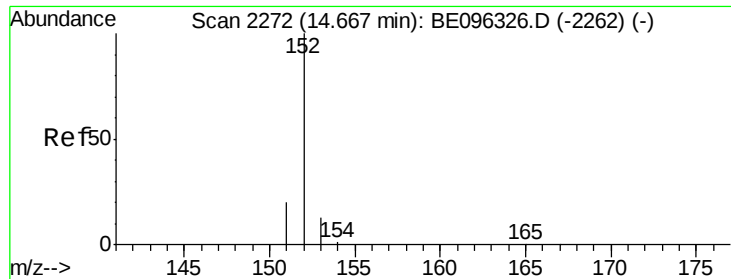
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 14.67 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE096334.D

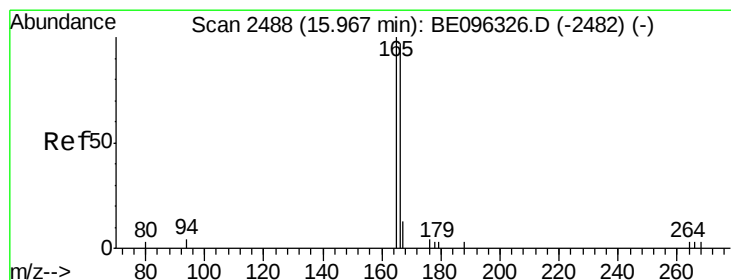
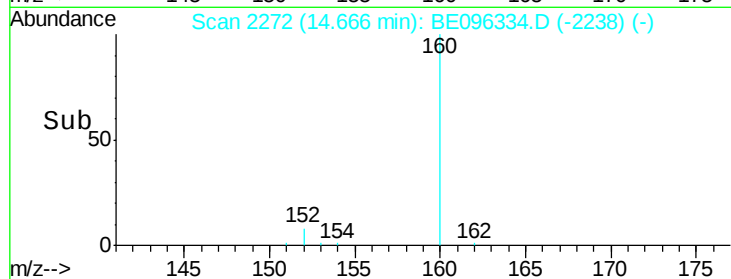
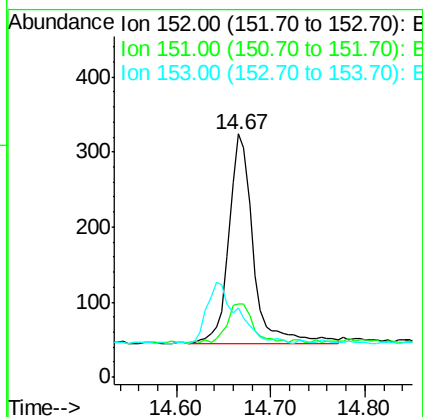
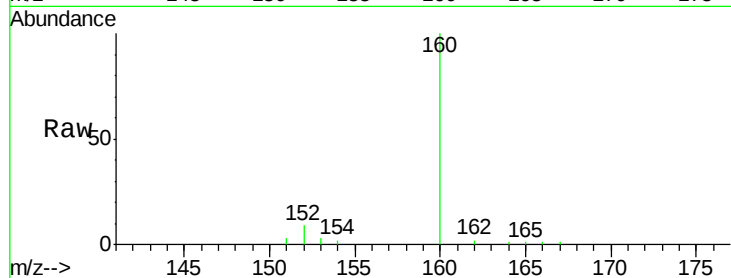
Acq: 3 May 2018 21:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	152	Resp:	501
Ion	Ratio	Lower	Upper
152	100		
151	29.9	17.1	25.7#
153	28.4	12.8	19.2#



#9

Fluorene

Concen: 0.020 ng/ul

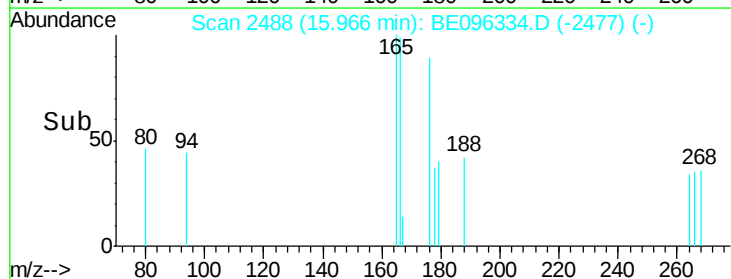
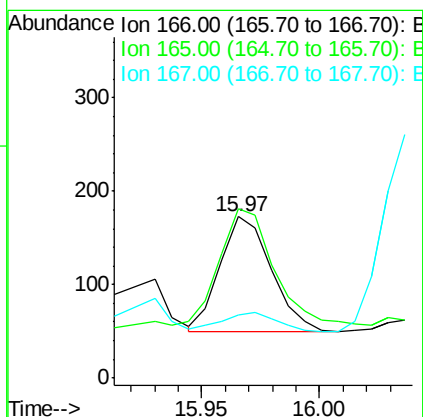
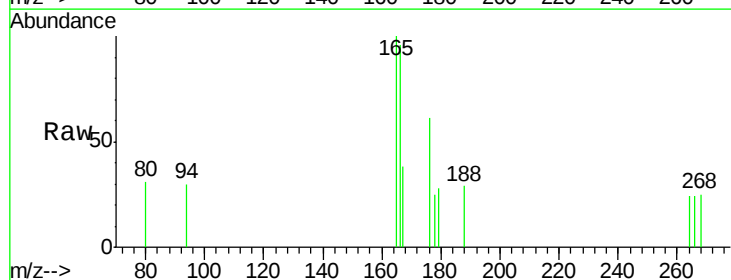
RT: 15.97 min Scan# 2488

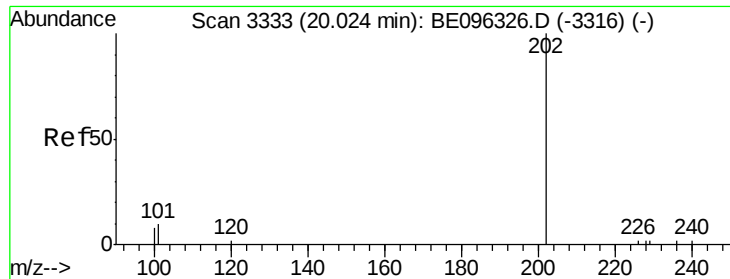
Delta R.T. -0.00 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

Tgt Ion:	166	Resp:	186
Ion	Ratio	Lower	Upper
166	100		
165	104.6	73.4	110.2
167	39.3	14.6	22.0#

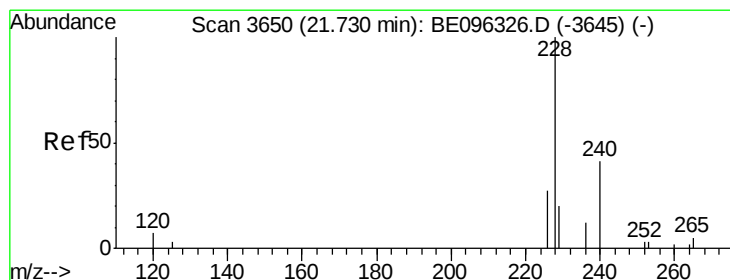
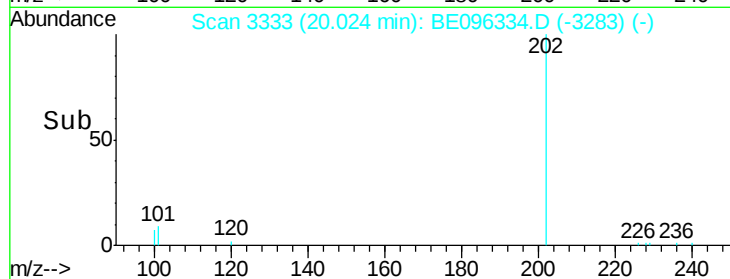
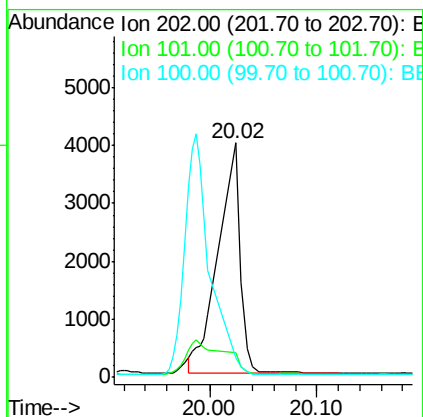
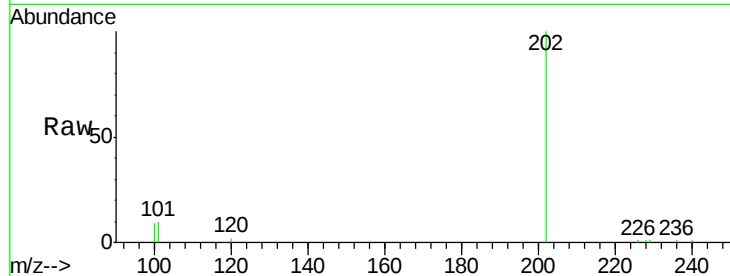




#17
Pvrene
Concen: 565.938 ng/ul
RT: 20.02 min Scan# 3333
Delta R.T. 0.00 min
Lab File: BE096334.D
Acq: 3 May 2018 21:53

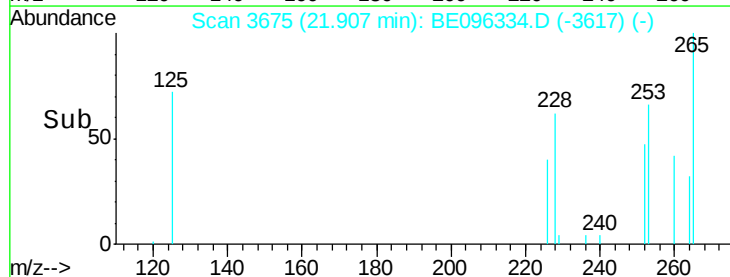
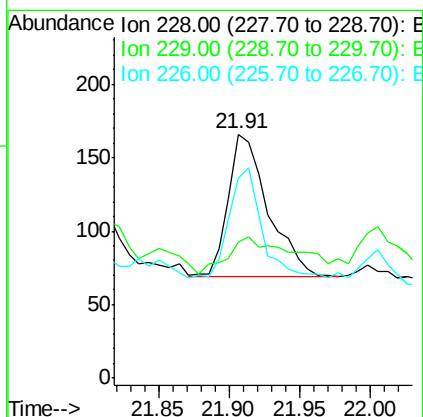
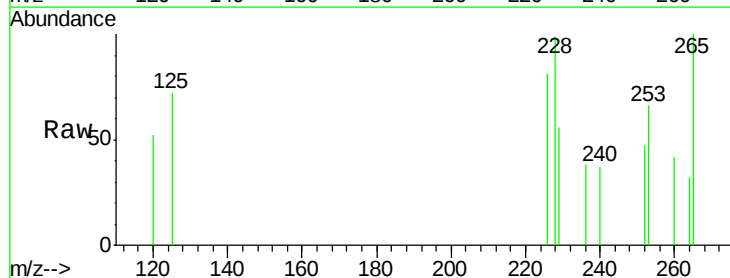
Instrument :
BNA_E
ClientSampleId :

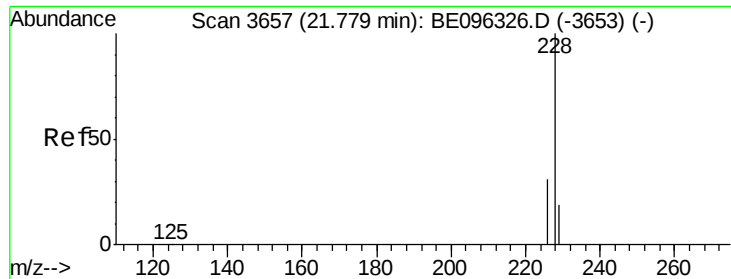
Tot Ion:202 Resp: 3183
Ion Ratio Lower Upper
202 100
101 10.3 18.2 27.4#
100 8.6 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 24.455 ng/ul
RT: 21.91 min Scan# 3675
Delta R.T. 0.18 min
Lab File: BE096334.D
Acq: 3 May 2018 21:53

Tgt Ion:228 Resp: 191
Ion Ratio Lower Upper
228 100
229 56.0 22.8 34.2#
226 81.9 17.0 25.6#





#19

Chrysene

Concen: 322.442 ng/ul

RT: 21.78 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

Instrument :

BNA_E

ClientSampleId :

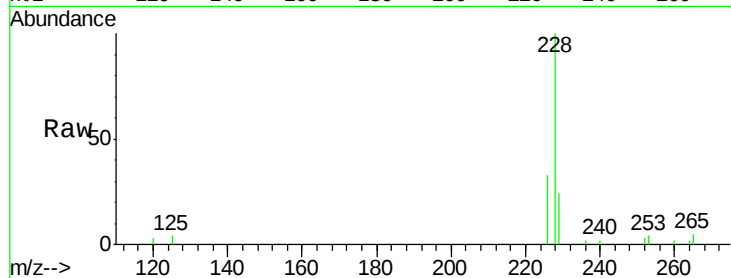
Tot Ion:228 Resp: 4814

Ion Ratio Lower Upper

228 100

226 33.1 23.4 35.0

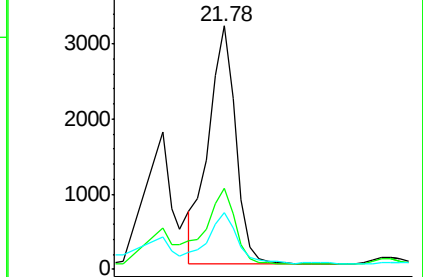
229 23.5 17.7 26.5



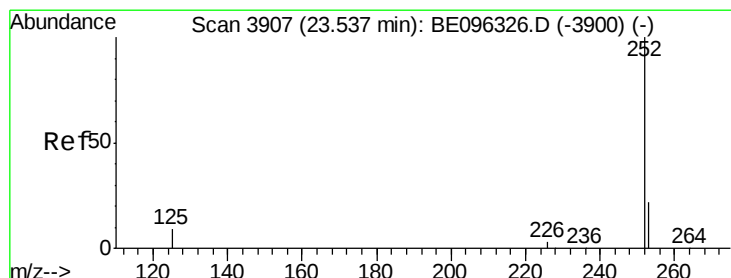
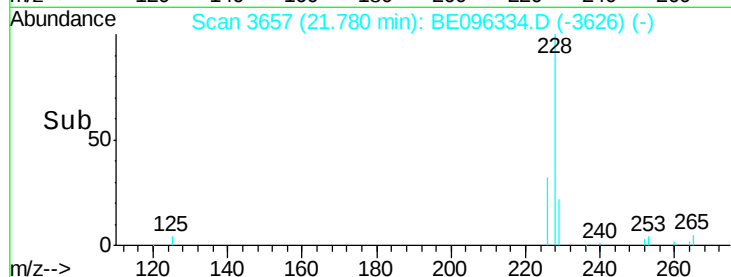
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#21

Benzo(b)fluoranthene

Concen: 10.053 ng/ul

RT: 23.74 min Scan# 3936

Delta R.T. 0.20 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

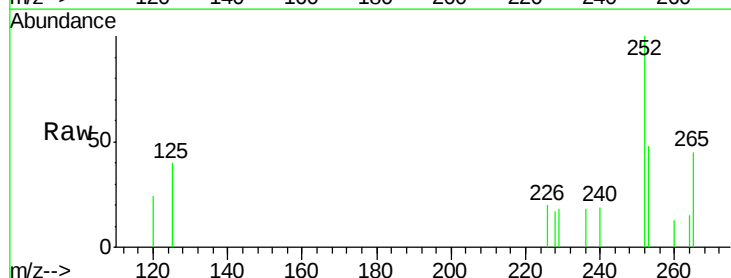
Tgt Ion:252 Resp: 860

Ion Ratio Lower Upper

252 100

253 48.3 0.0 64.2

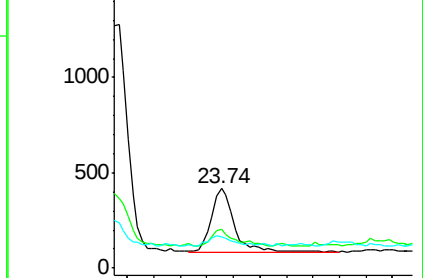
125 40.1 0.0 35.0#



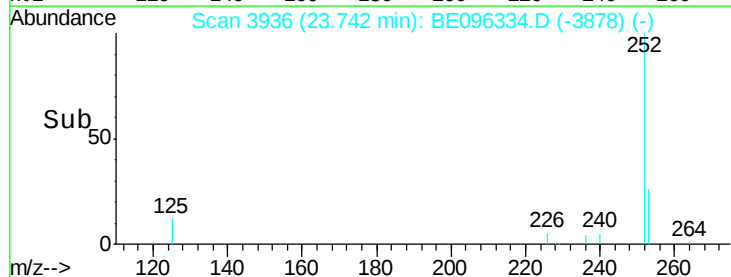
Abundance Ion 252.00 (251.70 to 252.70): E

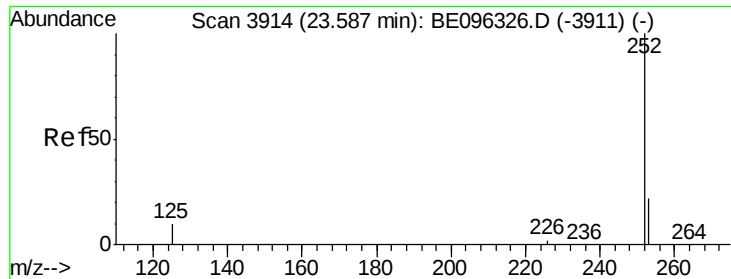
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#22

Benzo(k)fluoranthene

Concen: 0.472 ng/ul

RT: 23.97 min Scan# 3968

Delta R.T. 0.38 min

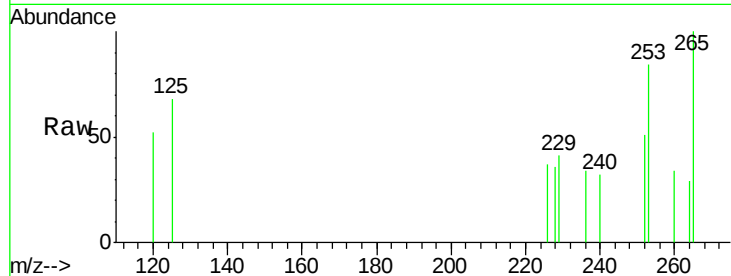
Lab File: BE096334.D

Acq: 3 May 2018 21:53

Instrument :

BNA_E

ClientSampled :



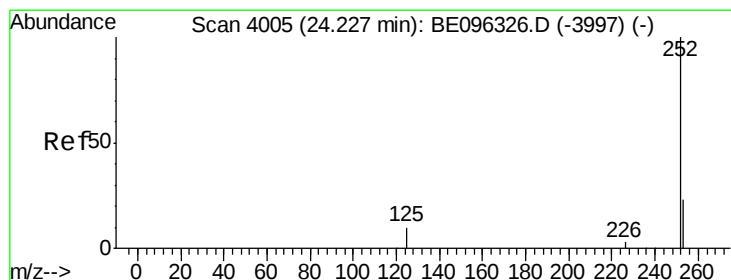
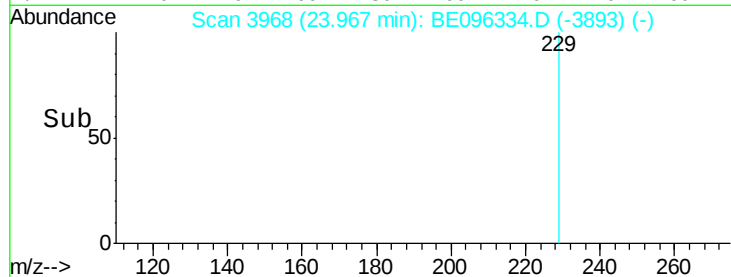
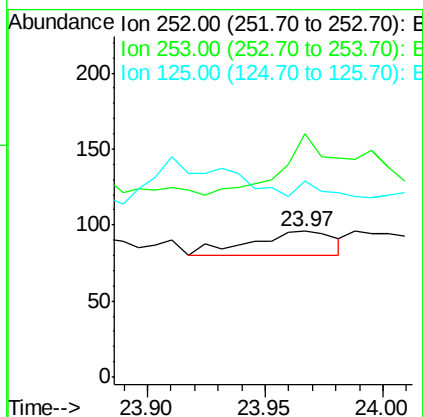
Tot Ion:252 Resp: 39

Ion Ratio Lower Upper

252 100

253 166.7 24.5 36.7#

125 134.4 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.100 ng/ul

RT: 24.52 min Scan# 4047

Delta R.T. 0.30 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

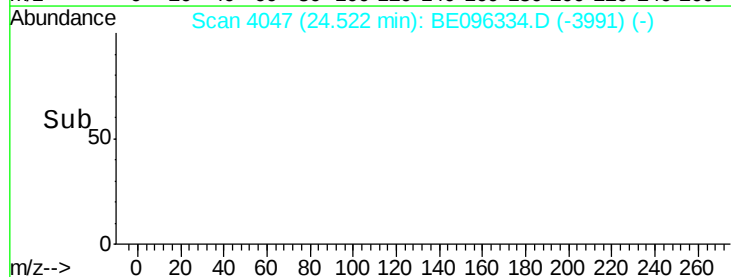
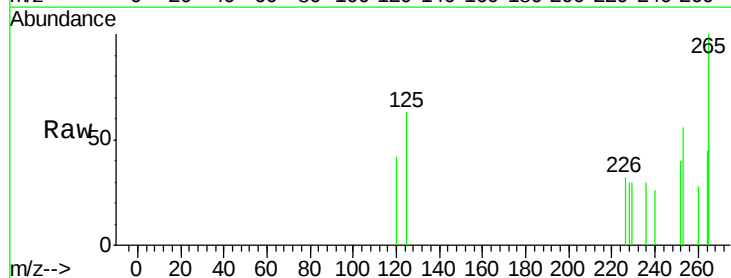
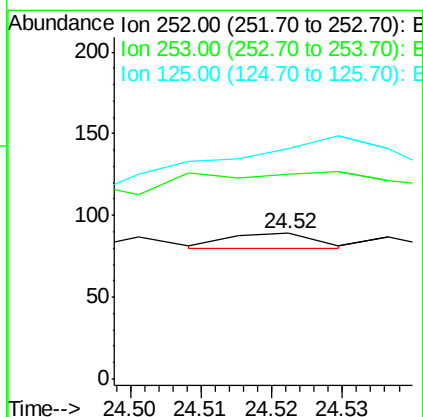
Tgt Ion:252 Resp: 8

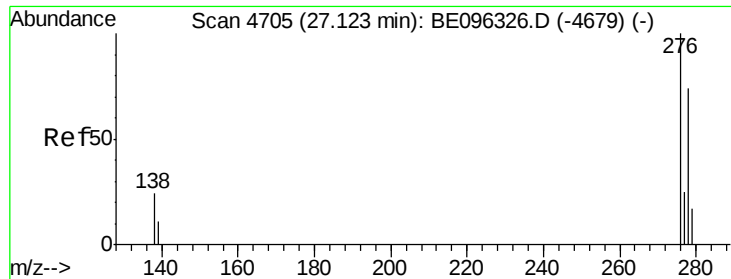
Ion Ratio Lower Upper

252 100

253 140.4 28.5 42.7#

125 158.4 18.1 27.1#

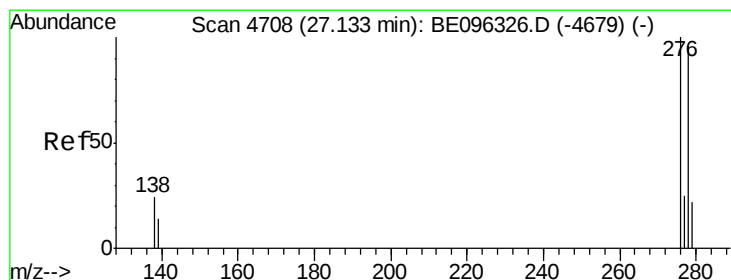
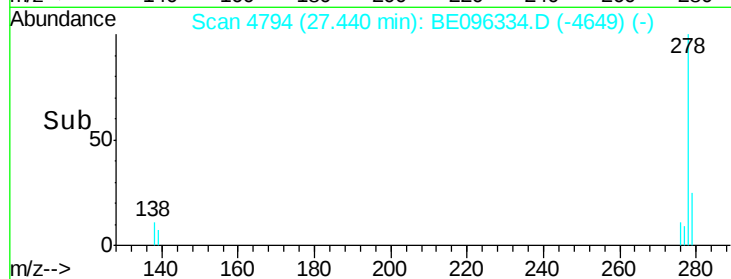
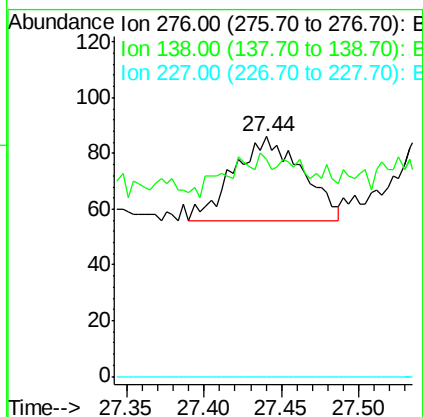
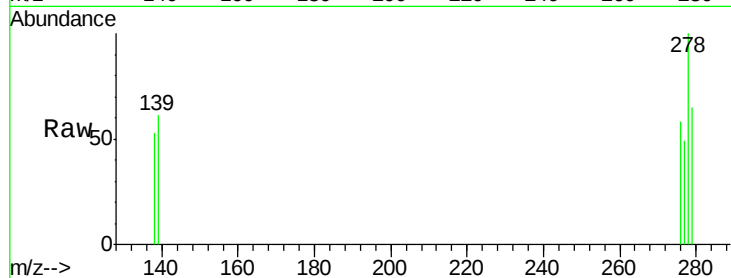




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.037 ng/ul
 RT: 27.44 min Scan# 4794
 Delta R.T. 0.32 min
 Lab File: BE096334.D
 Acq: 3 May 2018 21:53

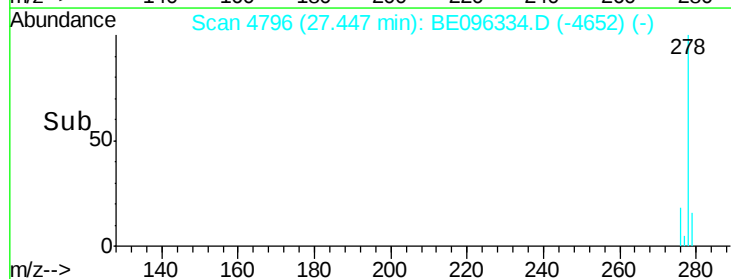
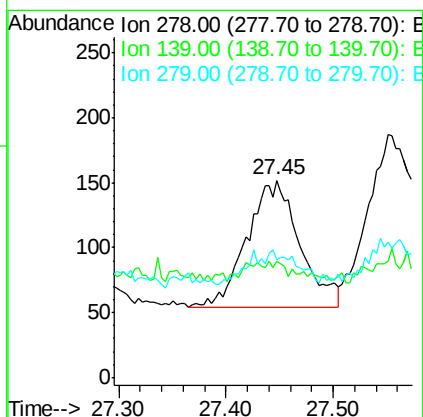
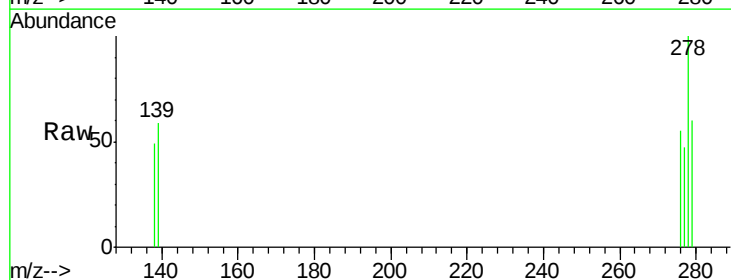
Instrument :
 BNA_E
 ClientSampleId :

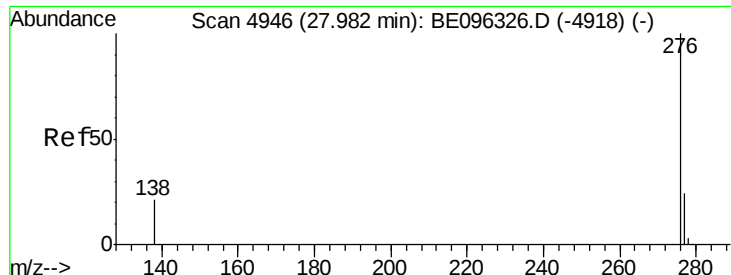
Tot Ion:276 Resp: 92
 Ion Ratio Lower Upper
 276 100
 138 2.2 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 4.603 ng/ul
 RT: 27.45 min Scan# 4796
 Delta R.T. 0.31 min
 Lab File: BE096334.D
 Acq: 3 May 2018 21:53

Tgt Ion:278 Resp: 334
 Ion Ratio Lower Upper
 278 100
 139 59.2 17.4 26.0#
 279 59.9 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.161 ng/ul

RT: 28.29 min Scan# 5033

Delta R.T. 0.31 min

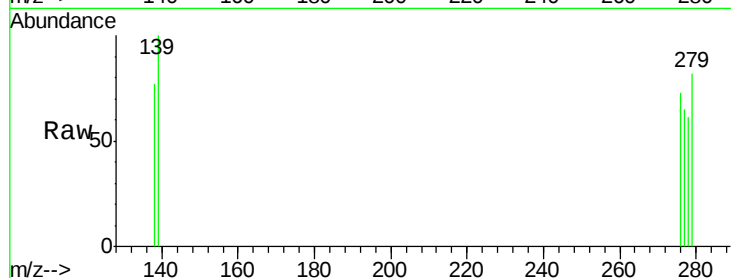
Lab File: BE096334.D

Acq: 3 May 2018 21:53

Instrument :

BNA_E

ClientSampleId :



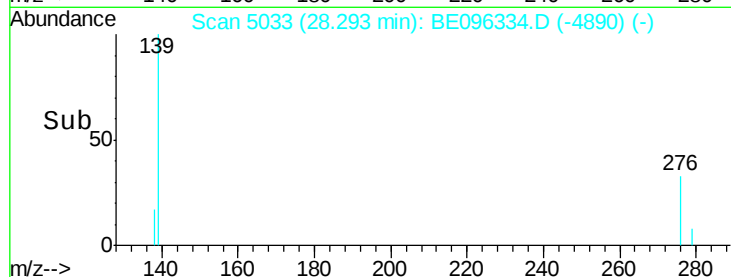
Tot Ion: 276 Resp: 12

Ion Ratio Lower Upper

276 100

138 105.9 21.8 32.8#

277 88.2 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

