

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
 Data File : BE096330.D
 Acq On : 3 May 2018 19:27
 Operator : SJ/JU
 Sample : J2440-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 04 01:55:46 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

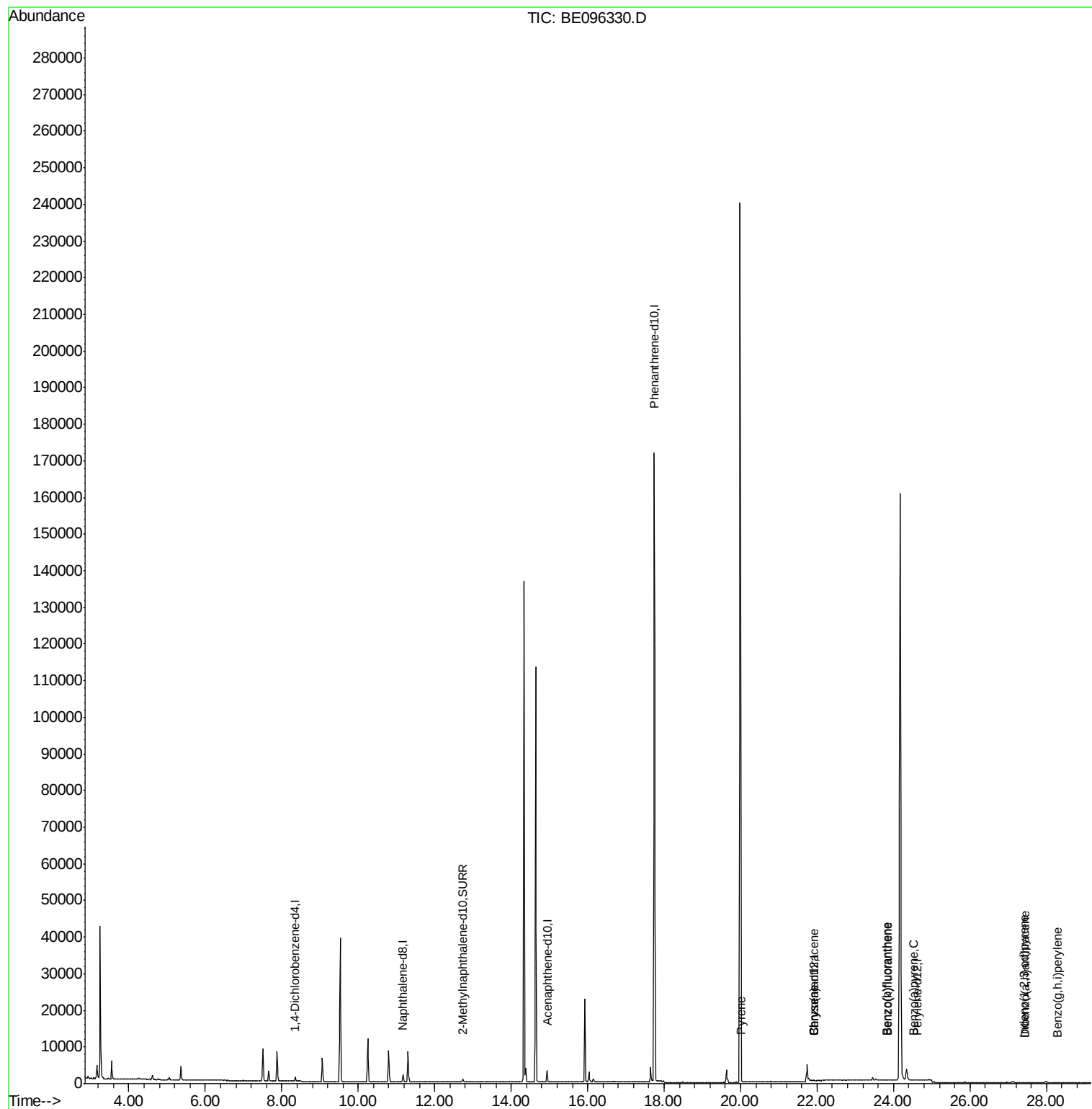
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	647	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	2708	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1701	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	203832	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	8	0.40	ng/ul	0.17
20) Perylene-d12	24.63	264	18	0.40	ng/ul	0.28
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1075	0.22	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
17) Pyrene	20.02	202	408	45.339	ng/ul#	89
18) Benzo(a)anthracene	21.91	228	53	4.241	ng/ul#	1
19) Chrysene	21.91	228	53	2.219	ng/ul#	1
21) Benzo(b)fluoranthene	23.83	252	9	0.146	ng/ul#	1
22) Benzo(k)fluoranthene	23.85	252	8	0.134	ng/ul#	1
23) Benzo(a)pyrene	24.54	252	10	0.173	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.43	276	4	0.063	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.44	278	23	0.440	ng/ul#	1
26) Benzo(g,h,i)perylene	28.30	276	3	0.056	ng/ul#	1

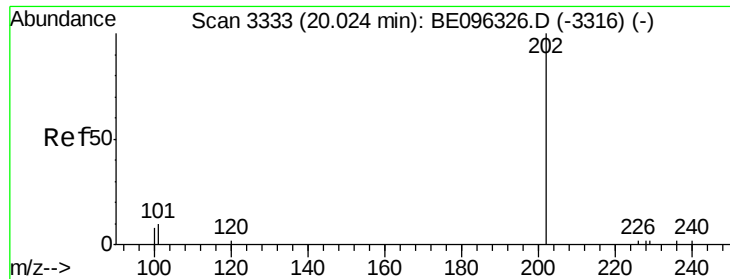
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pvrene

Concen: 45.339 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BE096330.D

Acq: 3 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

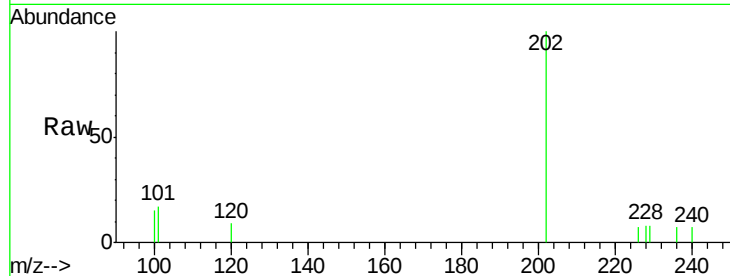
Tot Ion:202 Resp: 408

Ion Ratio Lower Upper

202 100

101 16.9 18.2 27.4#

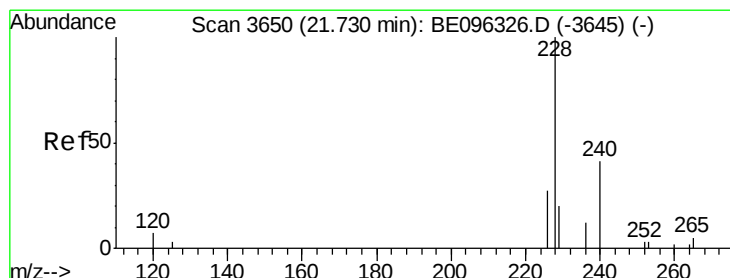
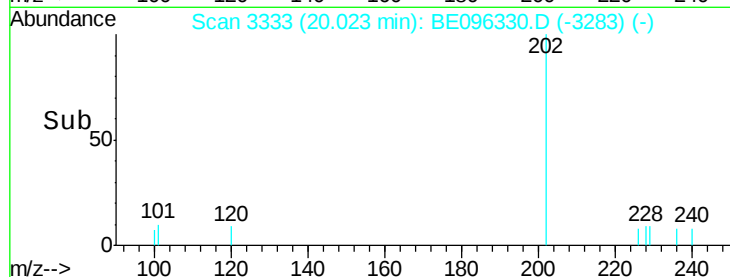
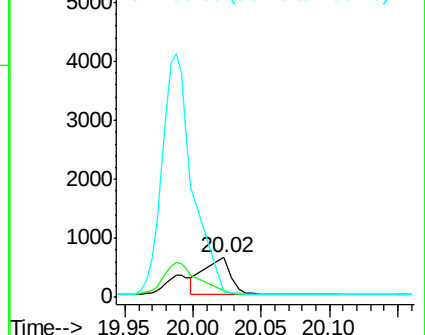
100 14.9 15.6 23.4#



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



#18

Benzo(a)anthracene

Concen: 4.241 ng/ul

RT: 21.91 min Scan# 3676

Delta R.T. 0.18 min

Lab File: BE096330.D

Acq: 3 May 2018 19:27

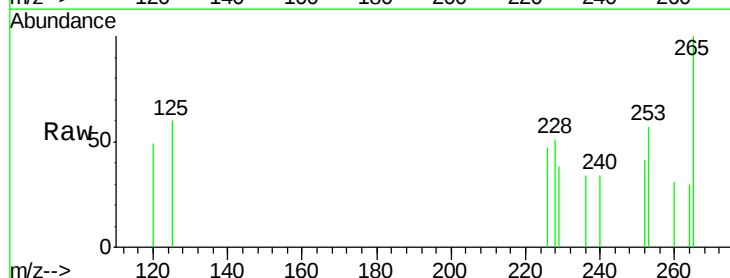
Tgt Ion:228 Resp: 53

Ion Ratio Lower Upper

228 100

229 74.4 22.8 34.2#

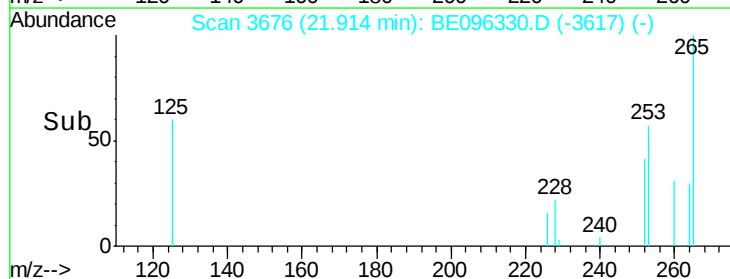
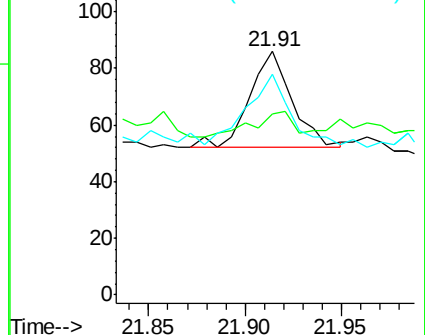
226 90.7 17.0 25.6#

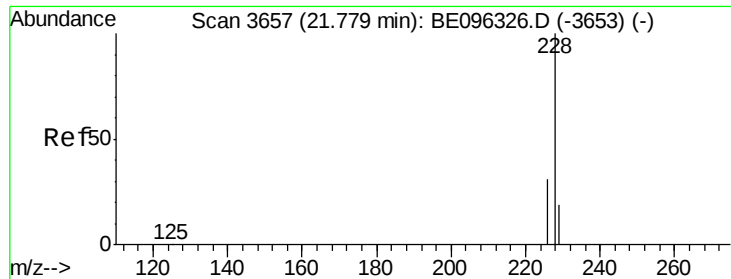


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.219 ng/ul

RT: 21.91 min Scan# 3676

Delta R.T. 0.13 min

Lab File: BE096330.D

Acq: 3 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

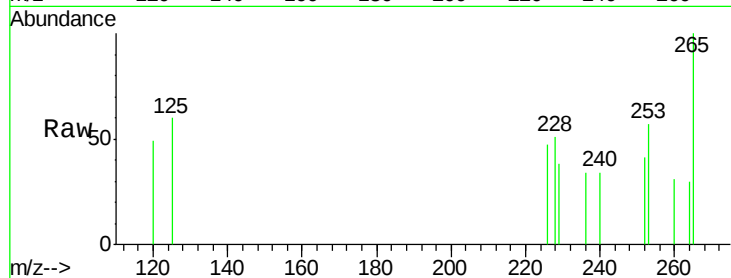
Tot Ion:228 Resp: 53

Ion Ratio Lower Upper

228 100

226 90.7 23.4 35.0#

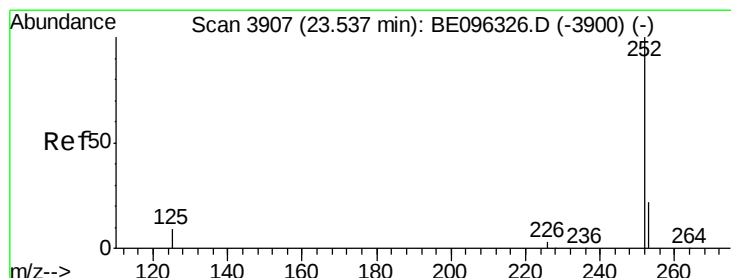
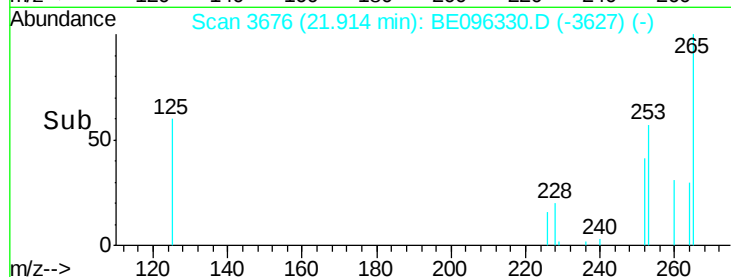
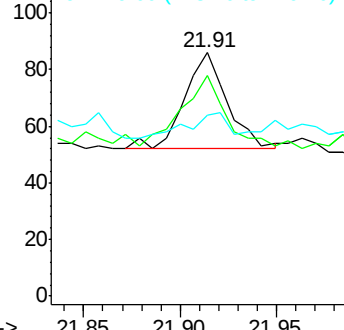
229 74.4 17.7 26.5#



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: 0.146 ng/ul

RT: 23.83 min Scan# 3948

Delta R.T. 0.29 min

Lab File: BE096330.D

Acq: 3 May 2018 19:27

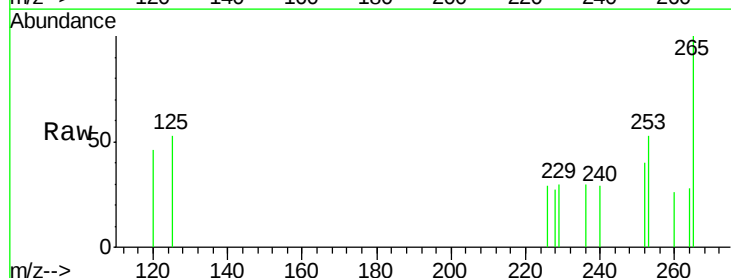
Tgt Ion:252 Resp: 9

Ion Ratio Lower Upper

252 100

253 130.3 0.0 64.2#

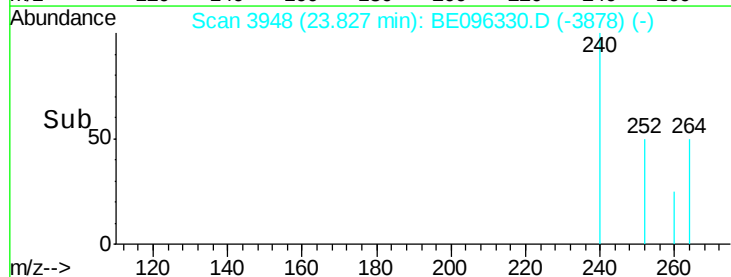
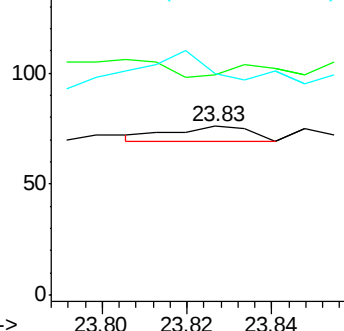
125 131.6 0.0 35.0#

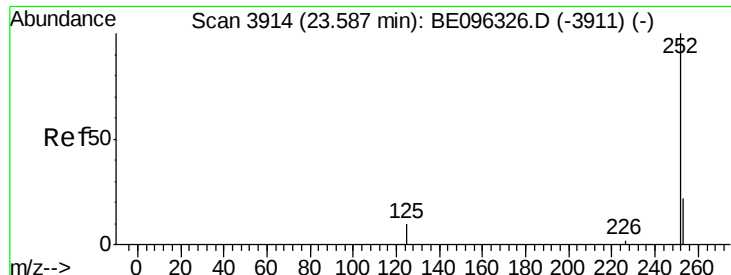


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.134 ng/ul

RT: 23.85 min Scan# 3951

Delta R.T. 0.26 min

Lab File: BE096330.D

Acq: 3 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

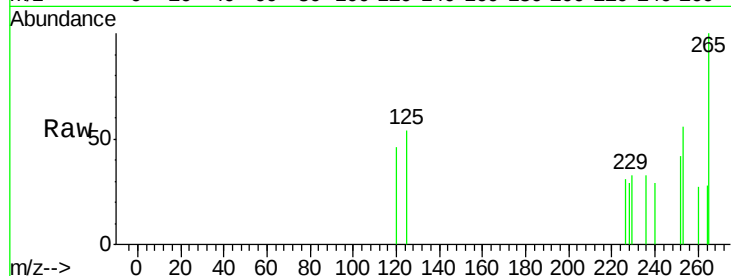
Tot Ion:252 Resp: 8

Ion Ratio Lower Upper

252 100

253 132.0 24.5 36.7#

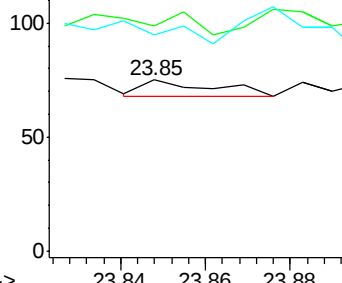
125 126.7 13.7 20.5#



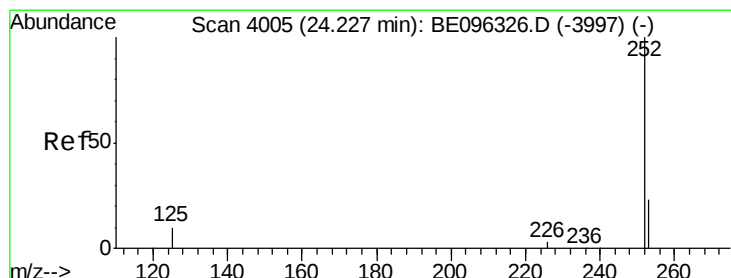
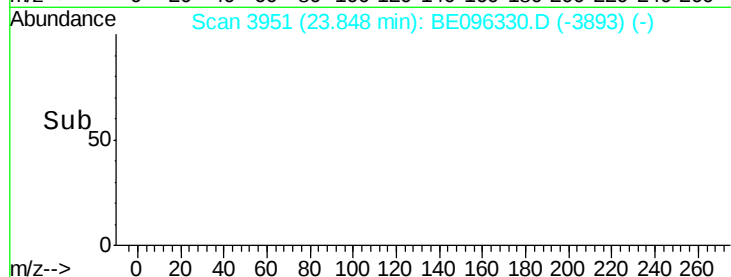
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.173 ng/ul

RT: 24.54 min Scan# 4049

Delta R.T. 0.31 min

Lab File: BE096330.D

Acq: 3 May 2018 19:27

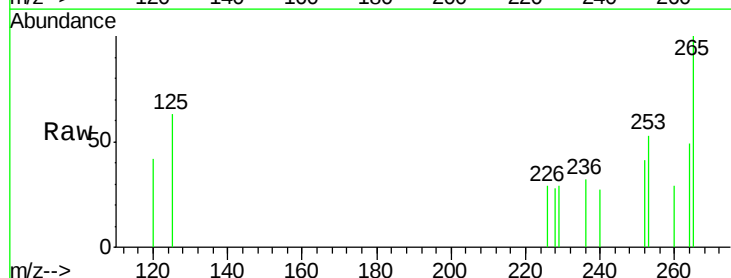
Tgt Ion:252 Resp: 10

Ion Ratio Lower Upper

252 100

253 129.1 28.5 42.7#

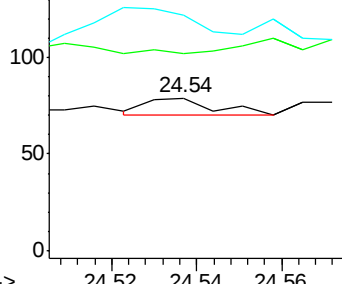
125 154.4 18.1 27.1#



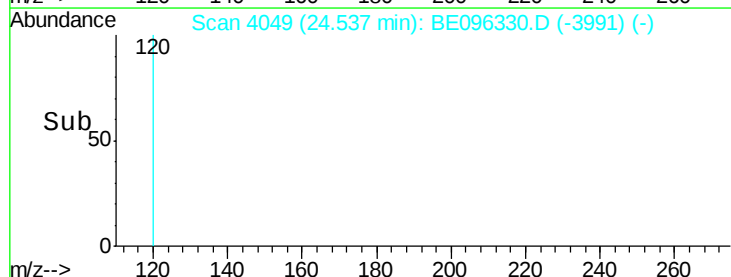
Abundance Ion 252.00 (251.70 to 252.70): E

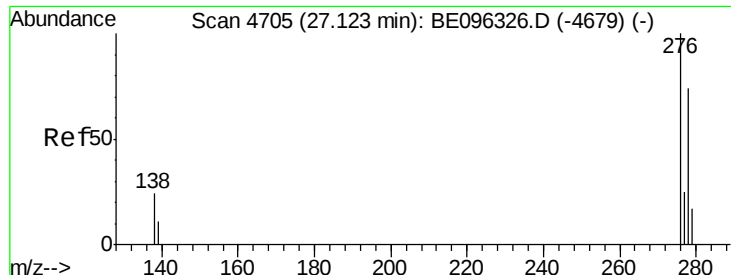
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

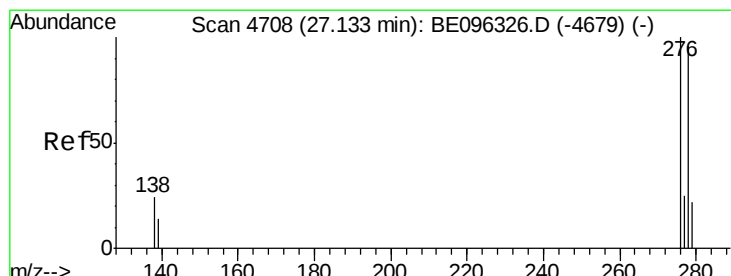
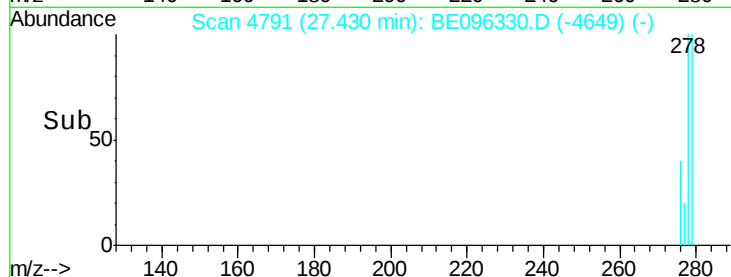
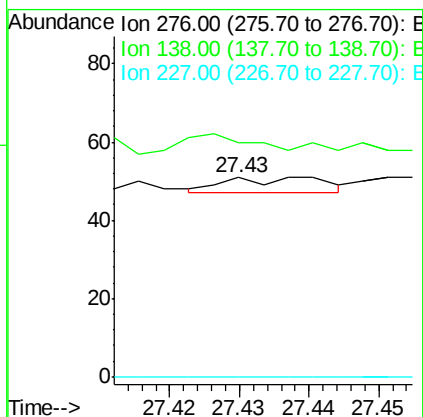
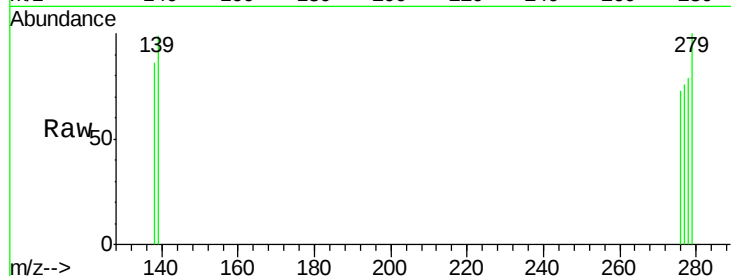




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.063 ng/ul
 RT: 27.43 min Scan# 4791
 Delta R.T. 0.31 min
 Lab File: BE096330.D
 Acq: 3 May 2018 19:27

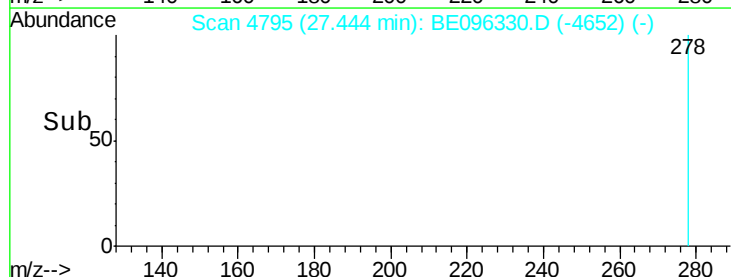
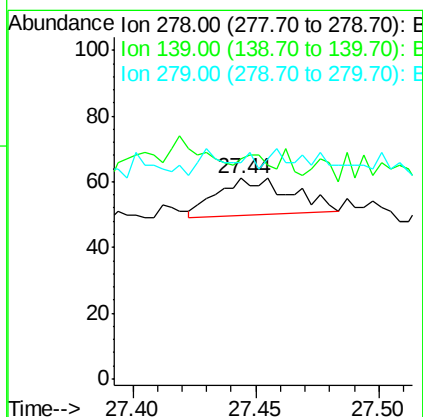
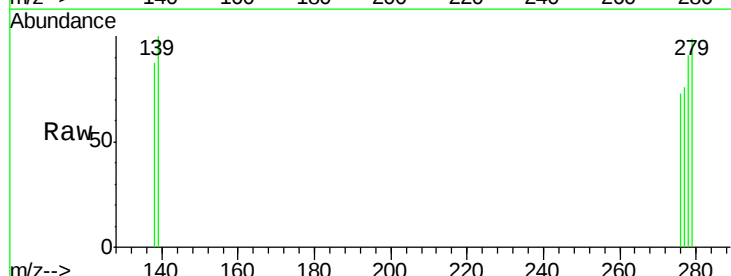
Instrument :
 BNA_E
 ClientSampleId :

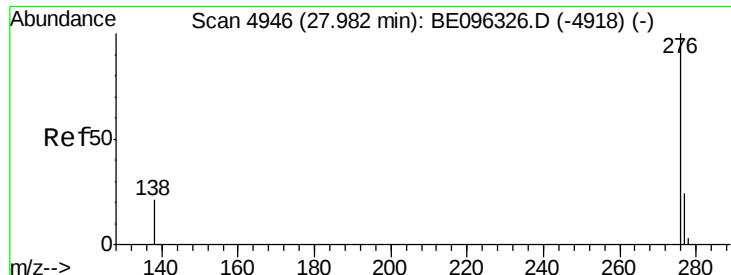
Tot Ion:276 Resp: 4
 Ion Ratio Lower Upper
 276 100
 138 150.0 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.440 ng/ul
 RT: 27.44 min Scan# 4795
 Delta R.T. 0.31 min
 Lab File: BE096330.D
 Acq: 3 May 2018 19:27

Tgt Ion:278 Resp: 23
 Ion Ratio Lower Upper
 278 100
 139 109.8 17.4 26.0#
 279 108.2 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.056 ng/ul

RT: 28.30 min Scan# 5036

Delta R.T. 0.32 min

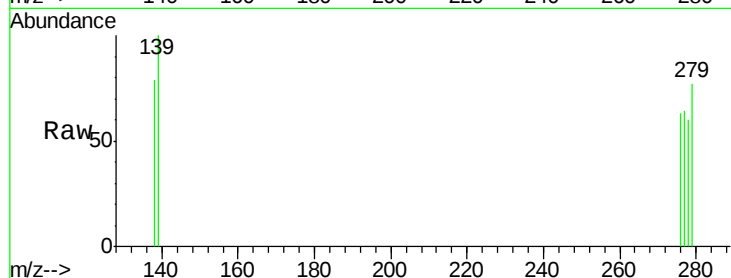
Lab File: BE096330.D

Acq: 3 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	3
Ion	Ratio	Lower	Upper
276	100		
138	125.5	21.8	32.8#
277	102.0	20.5	30.7#

