

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE020918\
 Data File : BE095639.D
 Acq On : 10 Feb 2018 10:06
 Operator : SJ/JU
 Sample : J1355-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6D26

Manual Integrations
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Sohil
 2/12/2018 11:40:28 AM

Quant Time: Feb 12 01:36:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 10 02:59:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1954	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5854	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3899	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8964	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	8162	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	7522m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3061	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	8405	0.25	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.88	142	293	0.027	ng/ul	99
11) Pentachlorophenol	17.36	266	2509	1.445	ng/ul	99
12) Phenanthrene	17.75	178	932m	0.031	ng/ul	
15) Fluoranthene	19.72	202	3586	0.092	ng/ul	84
17) Pyrene	20.07	202	3501m	0.128	ng/ul	
18) Benzo(a)anthracene	21.78	228	1368	0.054	ng/ul#	89
19) Chrysene	21.83	228	1265	0.048	ng/ul#	86
21) Benzo(b)fluoranthene	23.61	252	1971m	0.074	ng/ul	
23) Benzo(a)pyrene	24.31	252	626m	0.026	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.22	276	524m	0.020	ng/ul	
26) Benzo(g,h,i)perylene	28.11	276	492m	0.022	ng/ul	

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

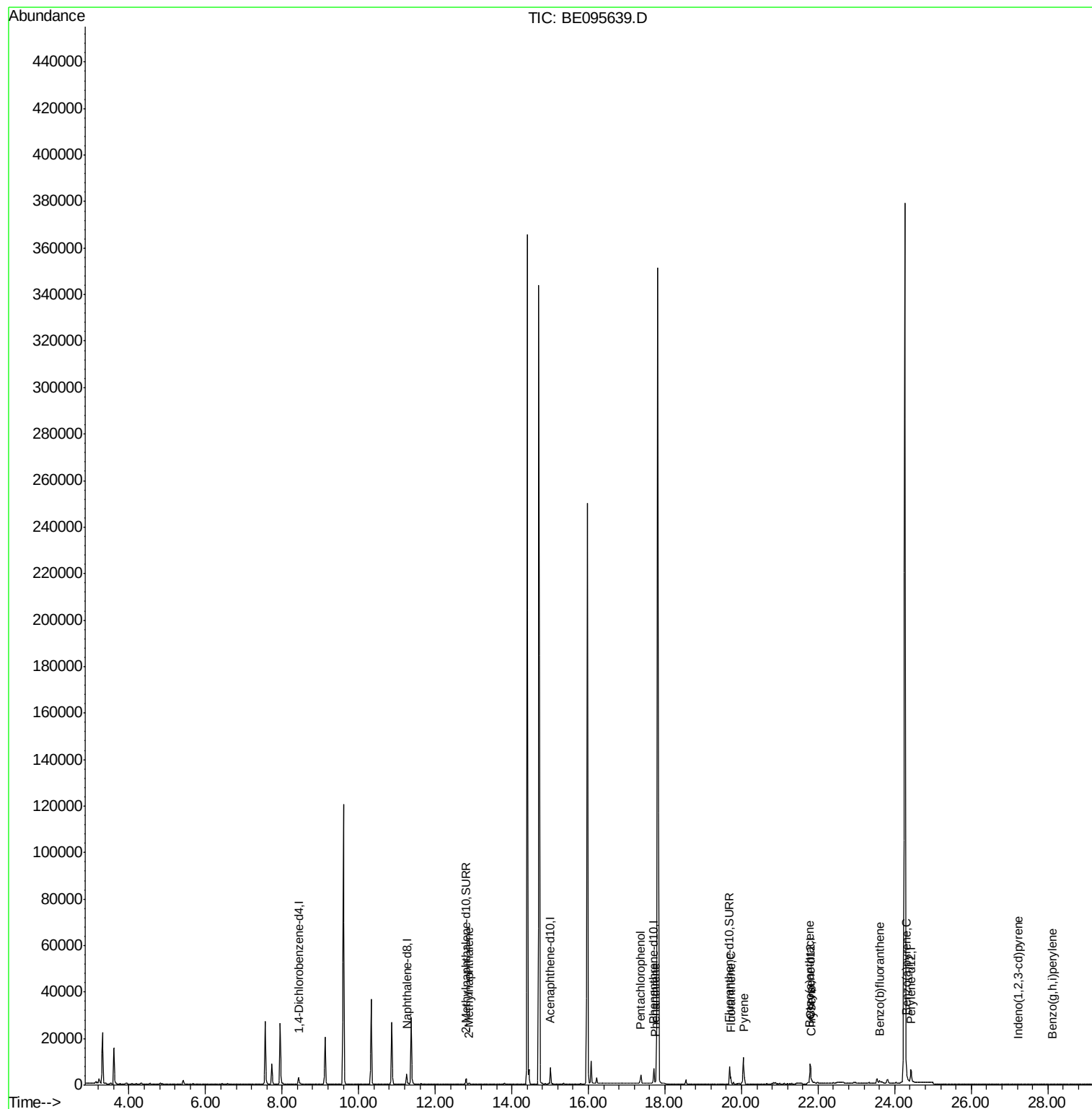
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE020918\
Data File : BE095639.D
Acq On : 10 Feb 2018 10:06
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Misc :
ALS Vial : 40 Sample Multiplier: 1

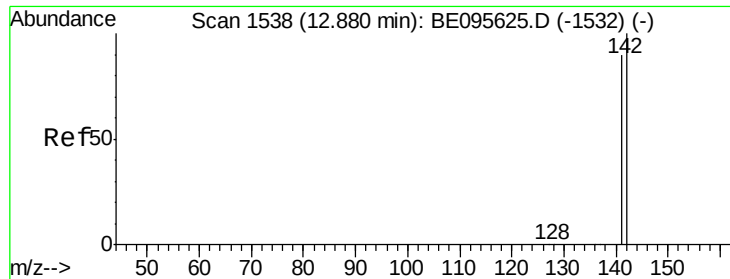
Instrument :
BNA_E
ClientSampleId :
F6D26

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Quant Time: Feb 12 01:36:20 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 10 02:59:57 2018
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE095639.D

Acq: 10 Feb 2018 10:06

Instrument :

BNA_E

ClientSampled :

F6D26

Tgt Ion:142 Resp: 293

Ion Ratio Lower Upper

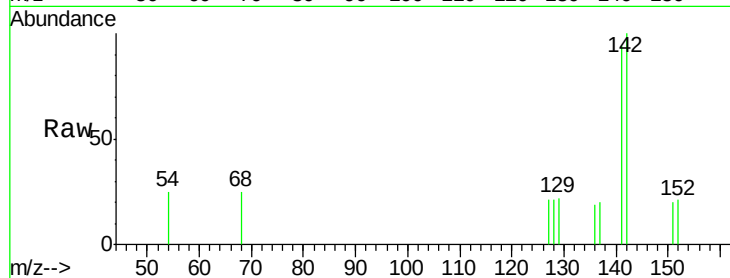
142 100

141 90.1 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.88

250

200

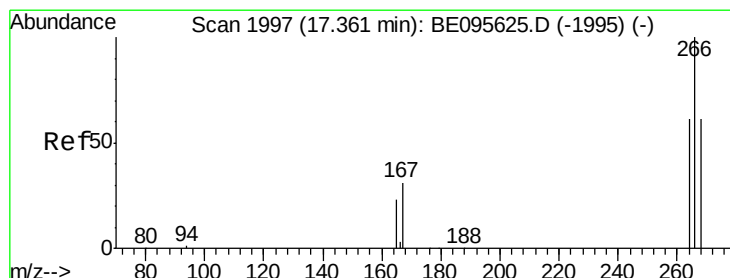
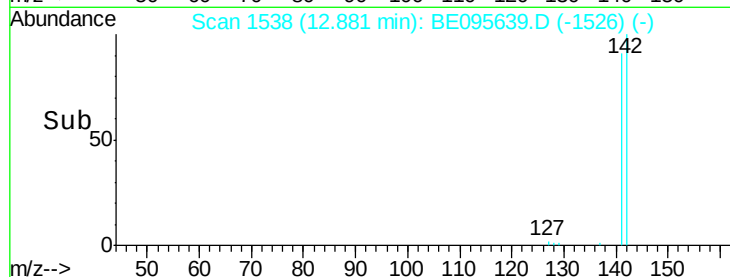
150

100

50

0

Time-->



#11

Pentachlorophenol

Concen: 1.445 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095639.D

Acq: 10 Feb 2018 10:06

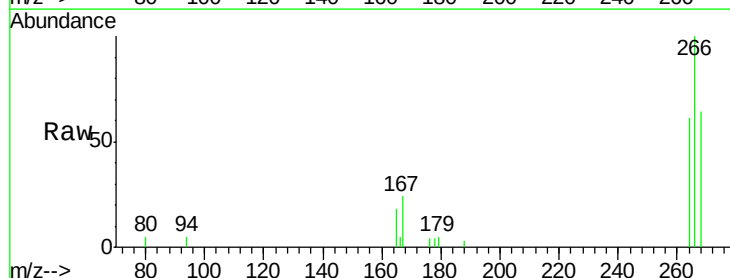
Tgt Ion:266 Resp: 2509

Ion Ratio Lower Upper

266 100

264 61.6 47.9 71.9

268 62.8 49.8 74.8



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

2000

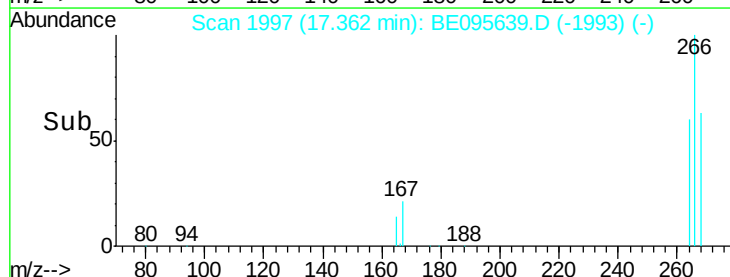
1500

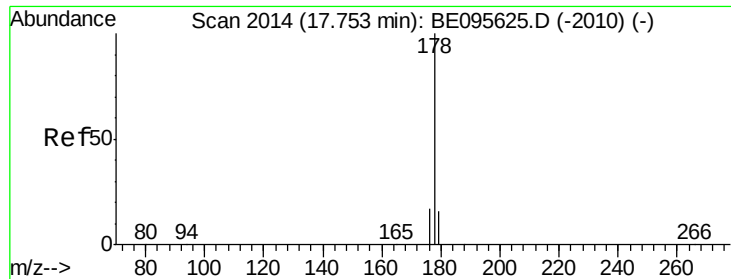
1000

500

0

Time-->





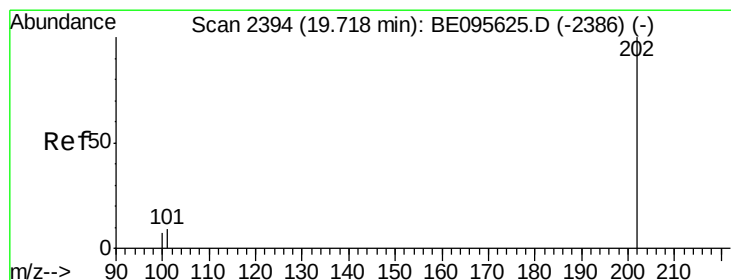
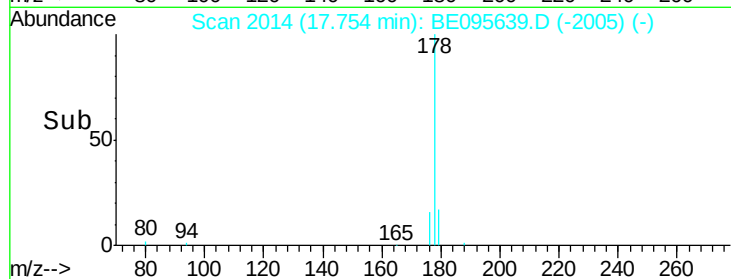
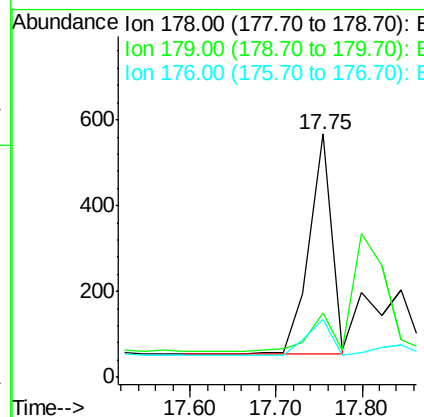
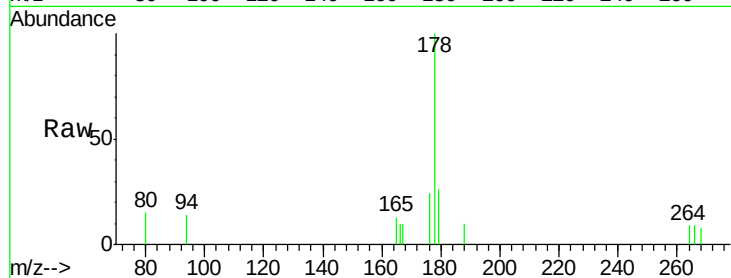
#12
Phenanthrene
Concen: 0.031 ng/ul m
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095639.D
Acq: 10 Feb 2018 10:06

Instrument :
BNA_E
ClientSampleId :
F6D26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.3	18.4	27.6
176	23.8	13.6	20.4

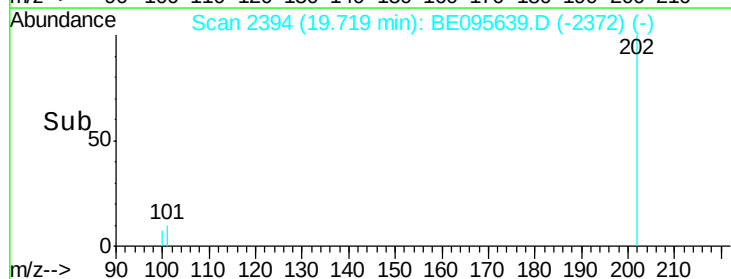
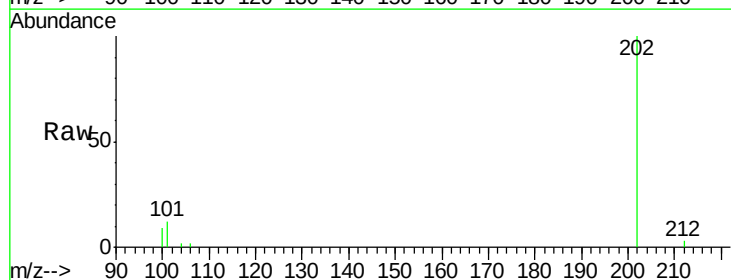
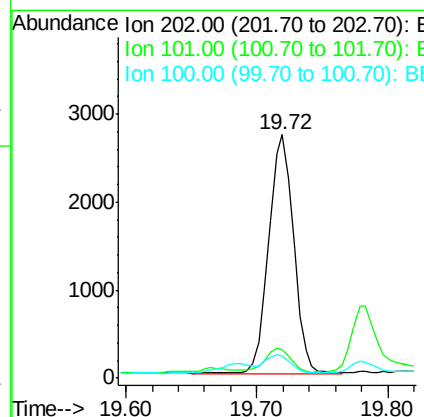
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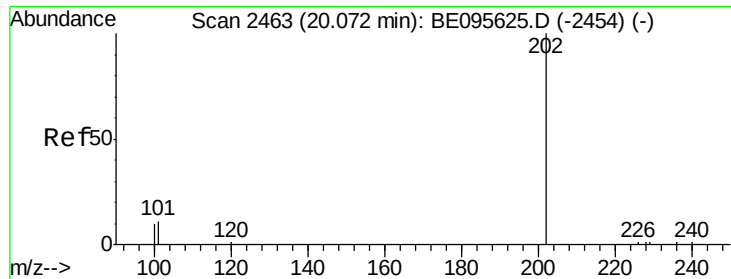
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#15
Fluoranthene
Concen: 0.092 ng/ul
RT: 19.72 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BE095639.D
Acq: 10 Feb 2018 10:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.3
100	9.3	0.0	39.5





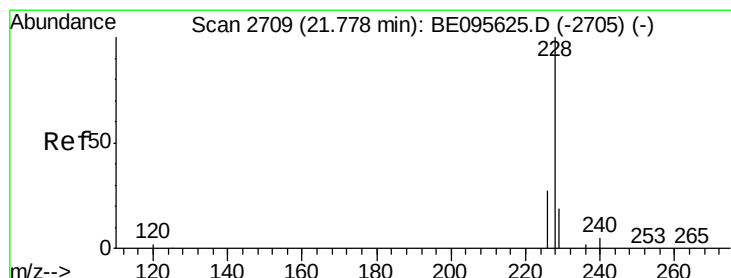
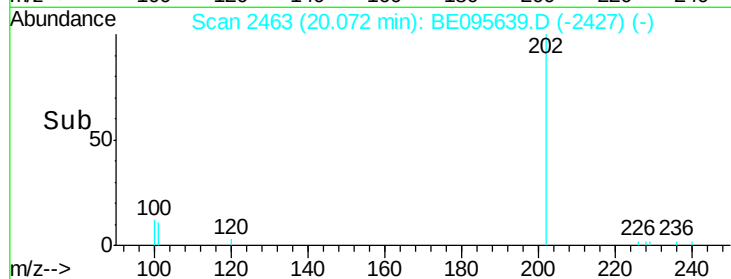
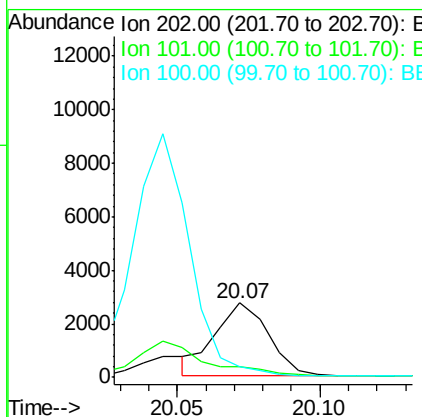
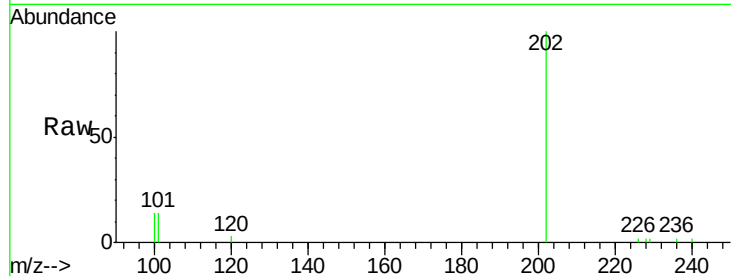
#17
Pyrene
 Concen: 0.128 ng/ul m
 RT: 20.07 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BE095639.D
 Acq: 10 Feb 2018 10:06

Instrument :
 BNA_E
 ClientSampleId :
 F6D26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3501		
101	14.0	18.2	27.4#	
100	14.3	15.6	23.4#	

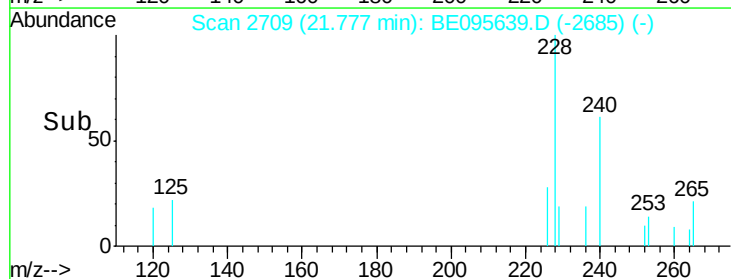
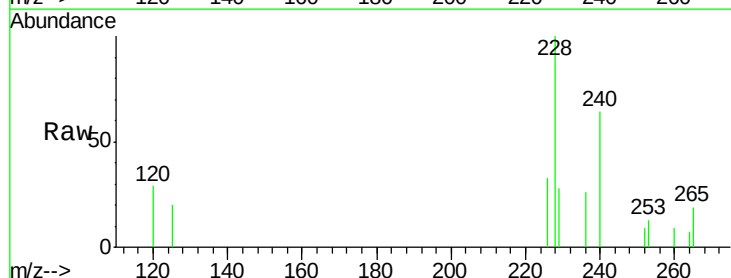
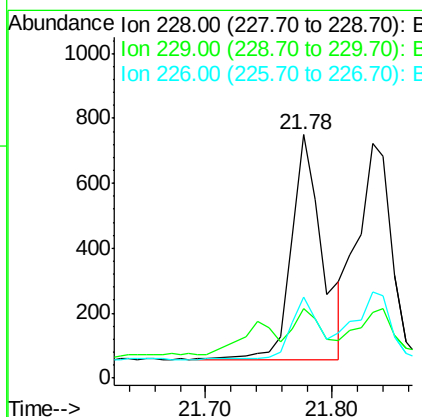
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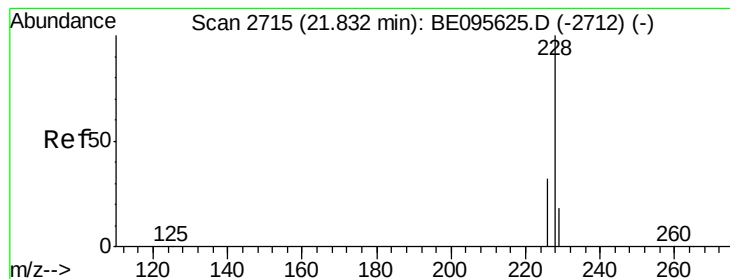
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#18
Benzo(a)anthracene
 Concen: 0.054 ng/ul
 RT: 21.78 min Scan# 2709
 Delta R.T. -0.00 min
 Lab File: BE095639.D
 Acq: 10 Feb 2018 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1368		
229	28.3	22.8	34.2	
226	33.5	17.0	25.6#	





#19

Chrysene

Concen: 0.048 ng/ul

RT: 21.83 min Scan# 2715

Delta R.T. -0.00 min

Lab File: BE095639.D

Acq: 10 Feb 2018 10:06

Instrument :

BNA_E

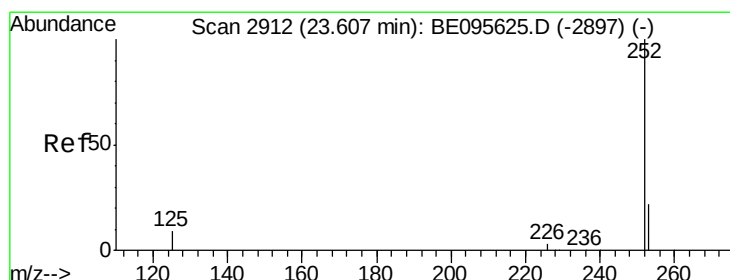
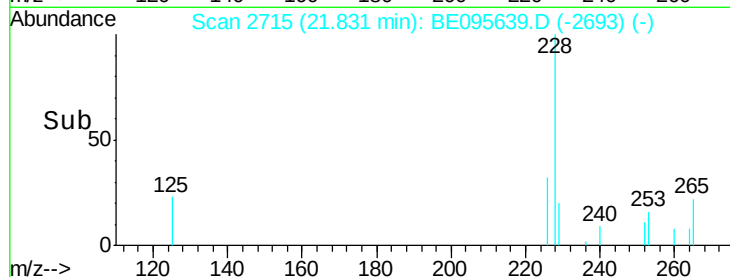
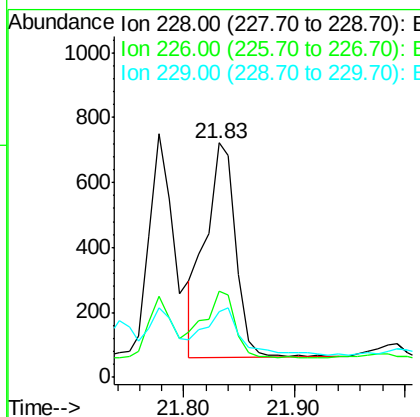
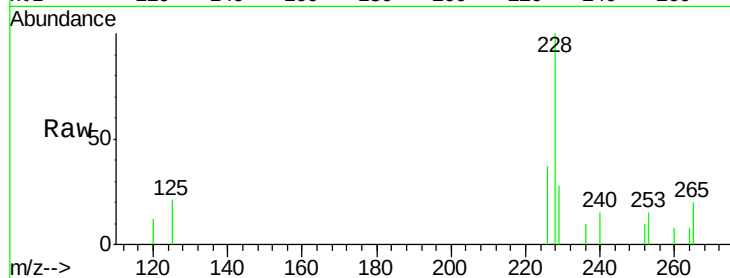
ClientSampleId :

F6D26

Tgt Ion:	228	Resp:	1265
Ion Ratio		Lower	Upper
228	100		
226	36.9	23.4	35.0#
229	28.0	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.074 ng/ul m

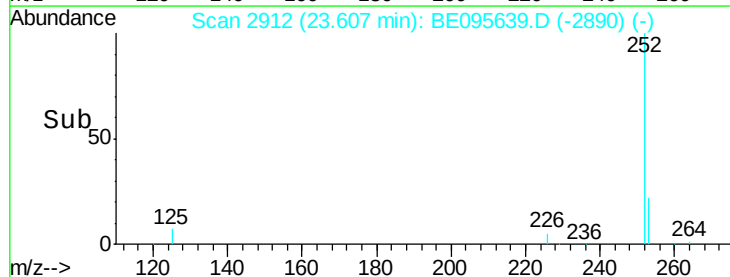
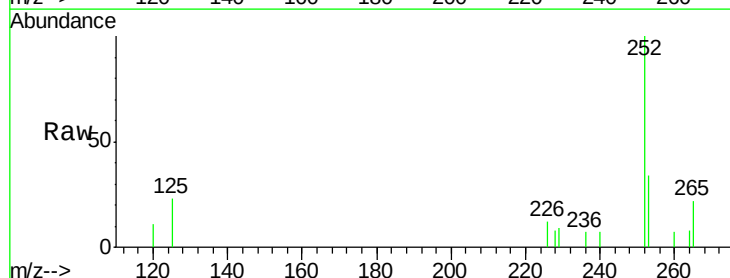
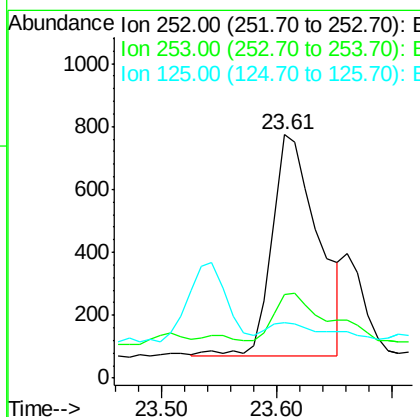
RT: 23.61 min Scan# 2912

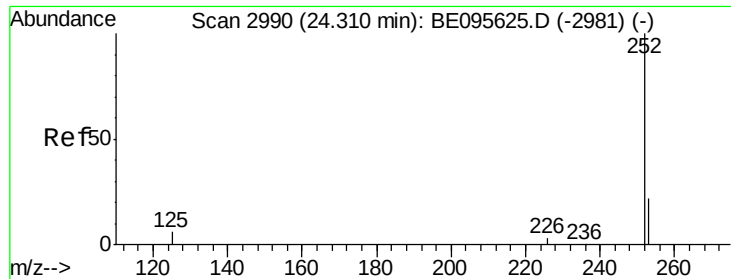
Delta R.T. -0.00 min

Lab File: BE095639.D

Acq: 10 Feb 2018 10:06

Tgt Ion:	252	Resp:	1971
Ion Ratio		Lower	Upper
252	100		
253	34.2	0.0	64.2
125	22.7	0.0	35.0





#23

Benzo(a)pyrene

Concen: 0.026 ng/ul m

RT: 24.31 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE095639.D

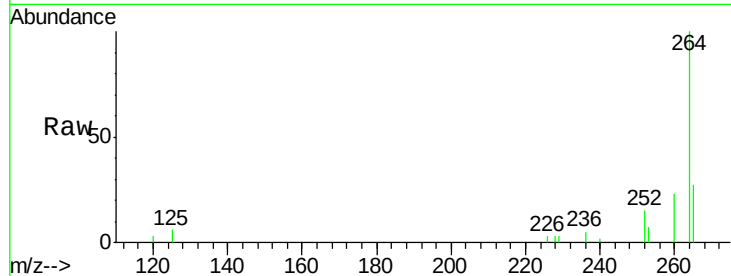
Acq: 10 Feb 2018 10:06

Instrument :

BNA_E

ClientSampleId :

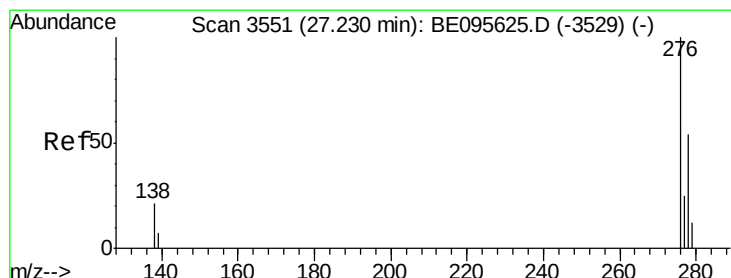
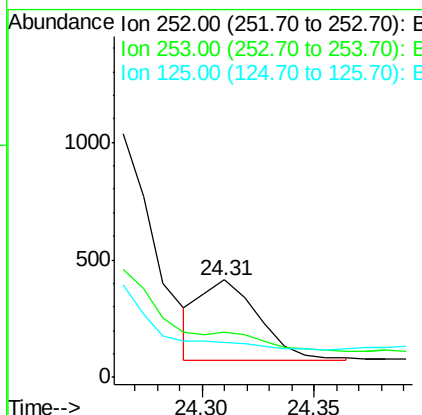
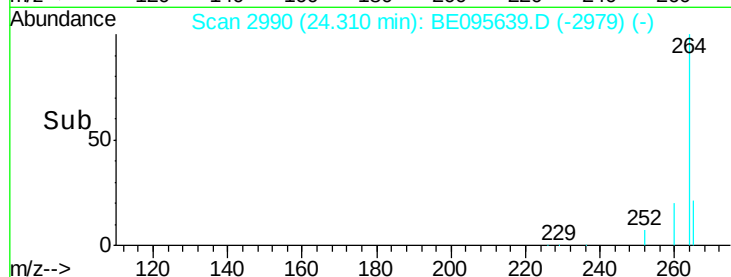
F6D26



Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.6	28.5	42.7#
125	36.0	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.020 ng/ul m

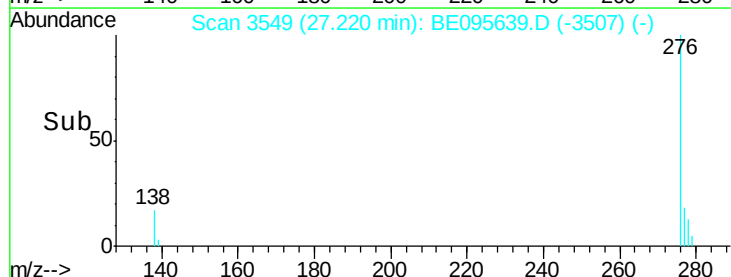
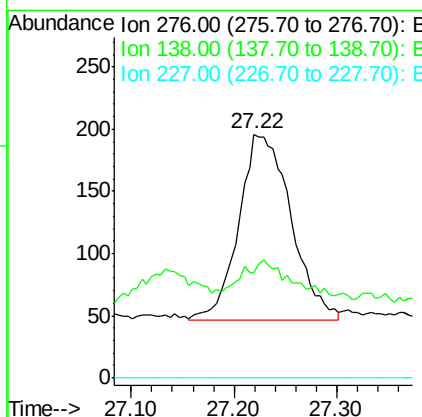
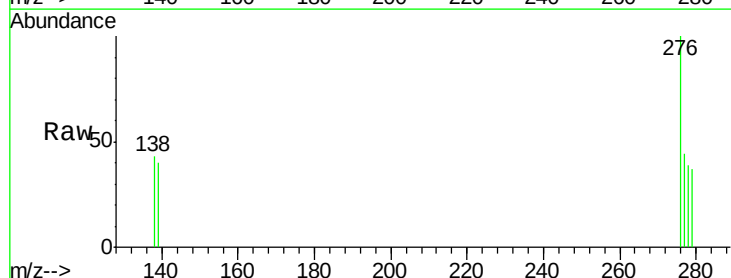
RT: 27.22 min Scan# 3549

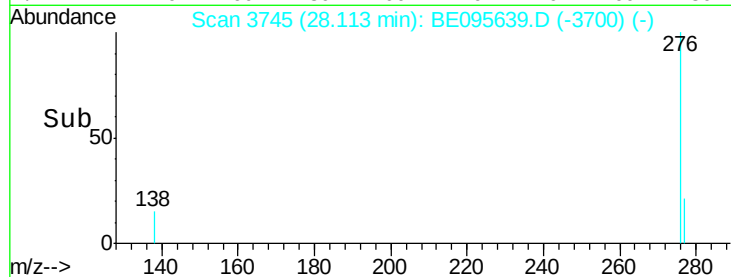
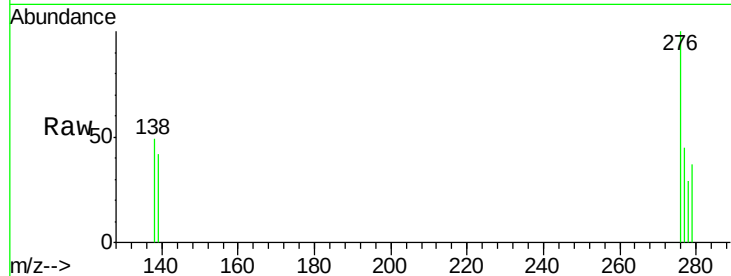
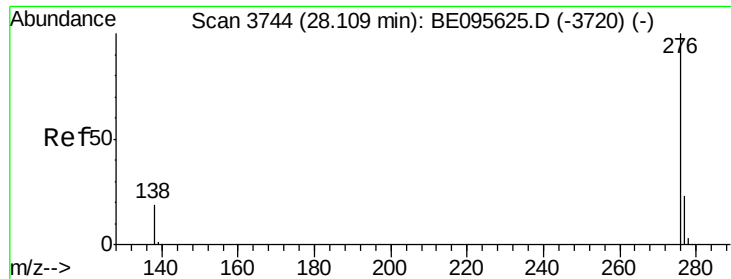
Delta R.T. -0.01 min

Lab File: BE095639.D

Acq: 10 Feb 2018 10:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.0	28.0	42.0#
227	0.0	8.0	12.0#





#26

Benzo(g,h,i)perylene

Concen: 0.022 ng/ul m

RT: 28.11 min Scan# 3745

Delta R.T. 0.00 min

Lab File: BE095639.D

Acq: 10 Feb 2018 10:06

Instrument :

BNA_E

ClientSampleId :

F6D26

Tgt Ion: 276 Resp: 492

Ion Ratio Lower Upper

276 100

138 49.2 21.8 32.8#

277 44.6 20.5 30.7#

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