

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
 Data File : BE095573.D
 Acq On : 8 Feb 2018 17:31
 Operator : SJ/JU
 Sample : J1315-20RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C83RE

Manual Integrations
 APPROVED

Sohil
 2/9/2018 4:30:53 PM

Quant Time: Feb 09 03:23:46 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 01:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1772	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5256	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	263780	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7894m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	6188	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	7449	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3296	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	9131	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	5825	0.396	ng/ul#	1
8) Acenaphthene	15.08	153	98585	0.100	ng/ul	93
9) Fluorene	16.03	166	115006m	0.113	ng/ul	
11) Pentachlorophenol	17.36	266	3500	2.289	ng/ul	99
12) Phenanthrene	17.75	178	18044m	0.680	ng/ul	
13) Anthracene	17.85	178	74890	3.082	ng/ul#	92
15) Fluoranthene	19.73	202	272425	7.925	ng/ul	80
17) Pyrene	20.08	202	214651m	10.338	ng/ul	
18) Benzo(a)anthracene	21.79	228	40726	2.105	ng/ul#	90
19) Chrysene	21.84	228	34507	1.718	ng/ul#	91
21) Benzo(b)fluoranthene	23.62	252	26718m	1.017	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	7252m	0.302	ng/ul	
23) Benzo(a)pyrene	24.32	252	15031m	0.641	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.23	276	5774	0.224	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.24	278	1462	0.069	ng/ul#	15
26) Benzo(a,h,i)perylene	28.11	276	3889	0.178	ng/ul#	78

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

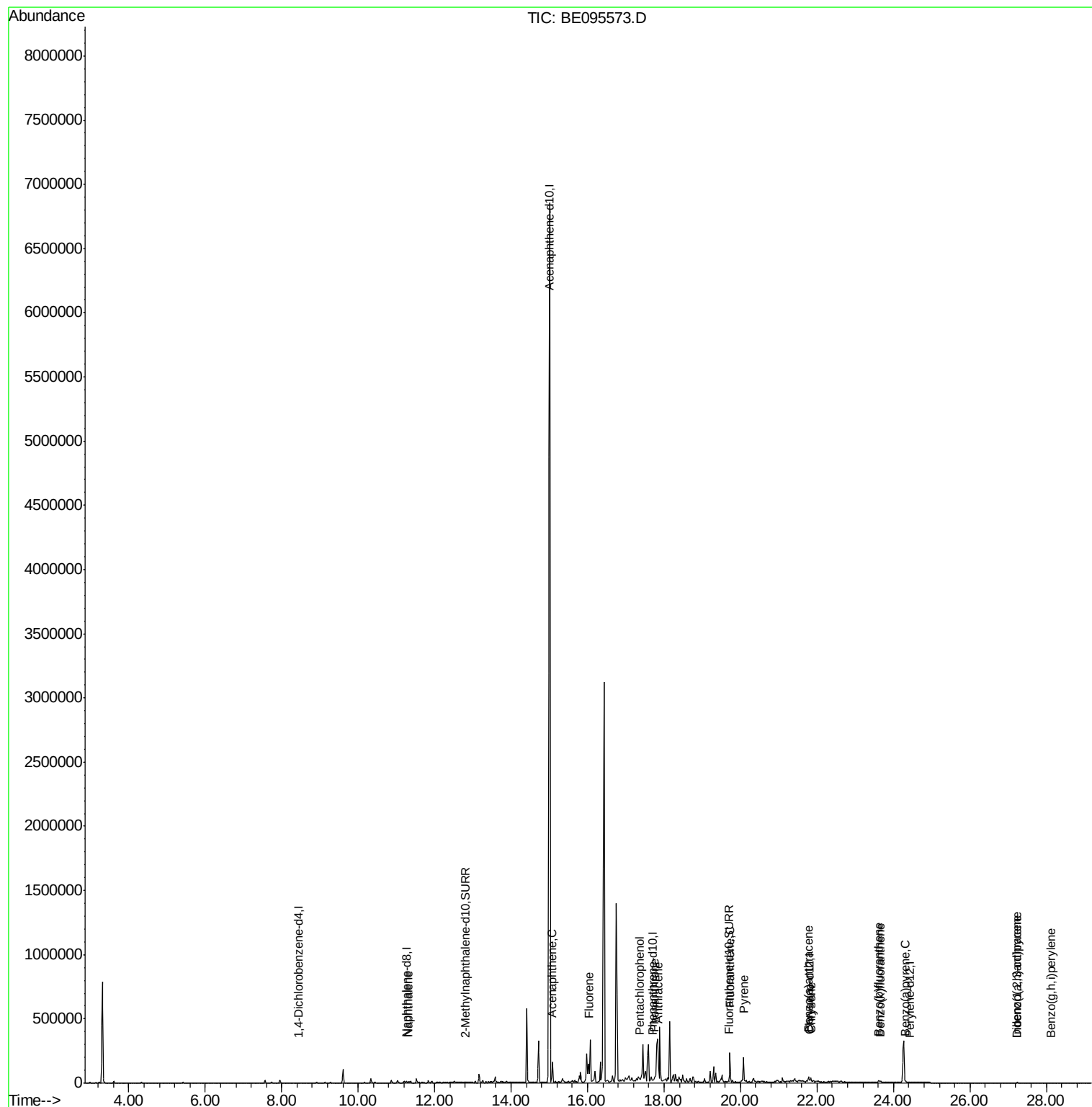
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
Data File : BE095573.D
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Operator : SJ/JU
Sample : J1315-20RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

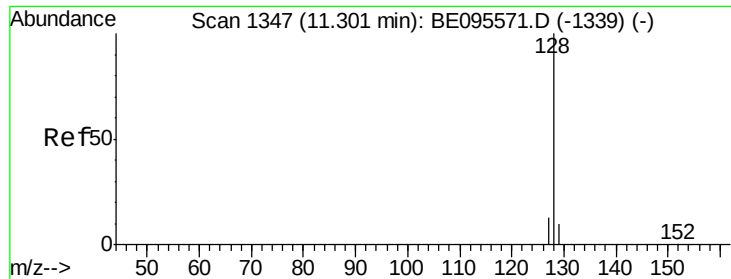
Instrument :
BNA_E
ClientSampleId :
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Quant Time: Feb 09 03:23:46 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 01:31:22 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.396 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Instrument :

BNA_E

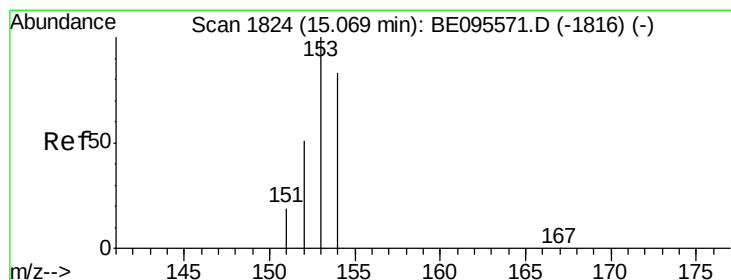
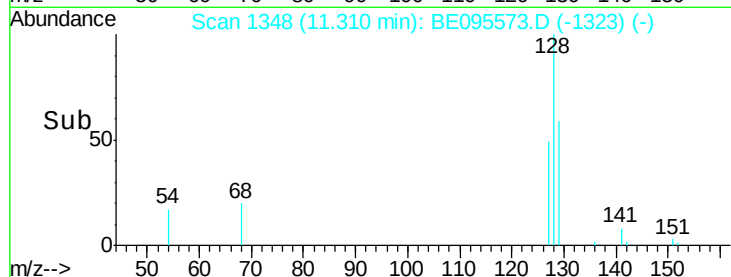
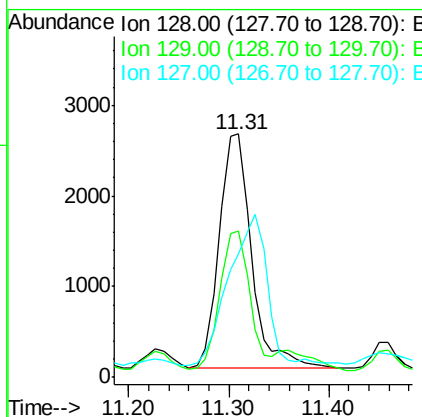
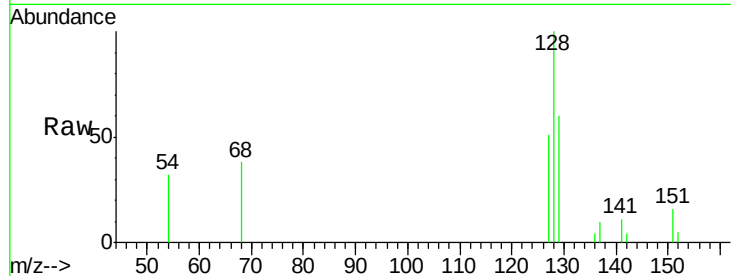
ClientSampleId :

F6C83RE

Tot Ion:	128	Resp:	5825
Ion Ratio	Lower	Upper	
128	100		
129	60.2	11.3	16.9#
127	50.8	4.0	6.0#

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#8

Acenaphthene

Concen: 0.100 ng/ul

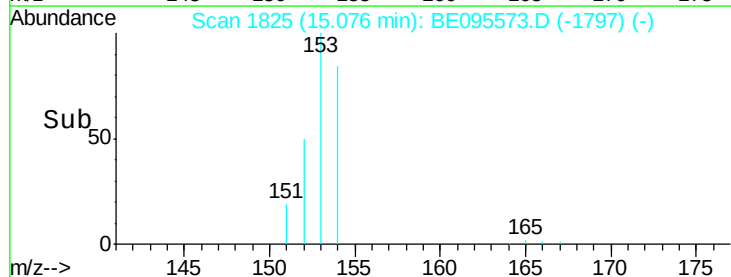
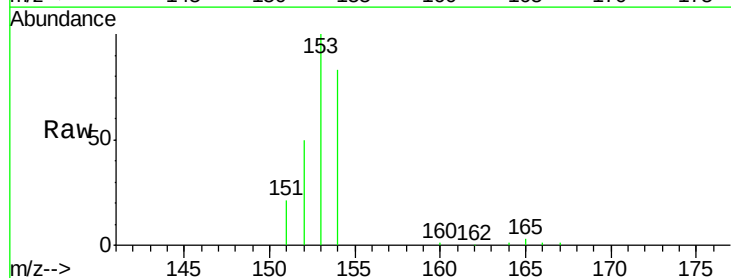
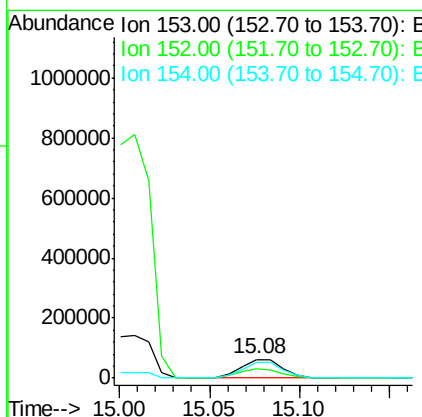
RT: 15.08 min Scan# 1825

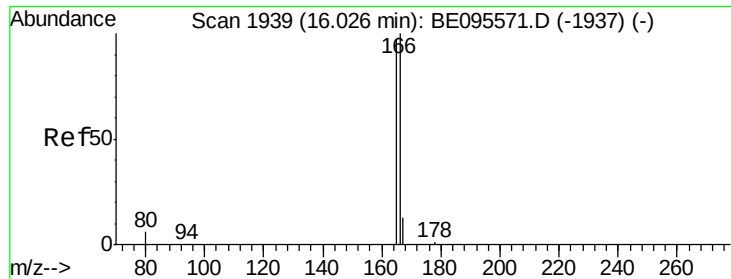
Delta R.T. 0.01 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Tgt Ion:	153	Resp:	98585
Ion Ratio	Lower	Upper	
153	100		
152	50.1	36.0	54.0
154	83.4	72.0	108.0





#9

Fluorene

Concen: 0.113 ng/ul m

RT: 16.03 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Instrument :

BNA_E

ClientSampleId :

F6C83RE

Tot Ion:166 Resp: 115006

Ion Ratio Lower Upper

166 100

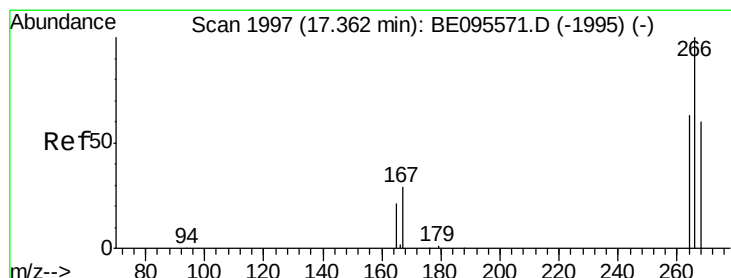
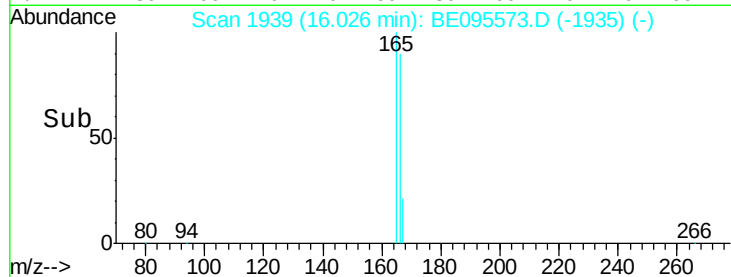
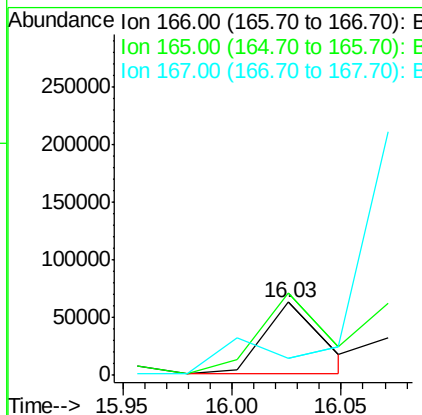
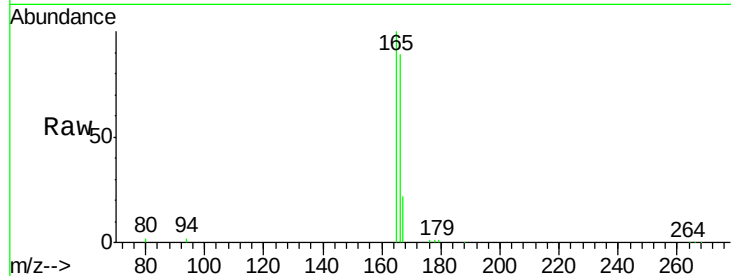
165 112.5 73.4 110.2#

167 24.2 14.6 22.0#

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#11

Pentachlorophenol

Concen: 2.289 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

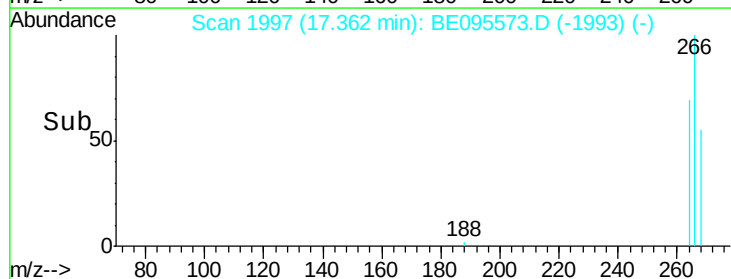
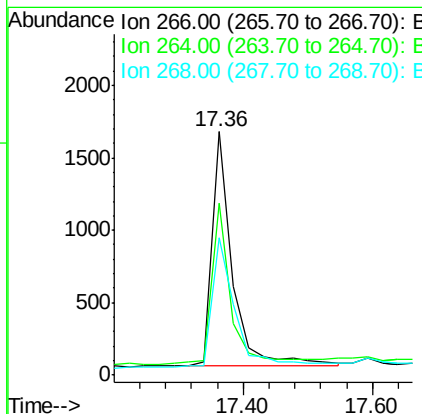
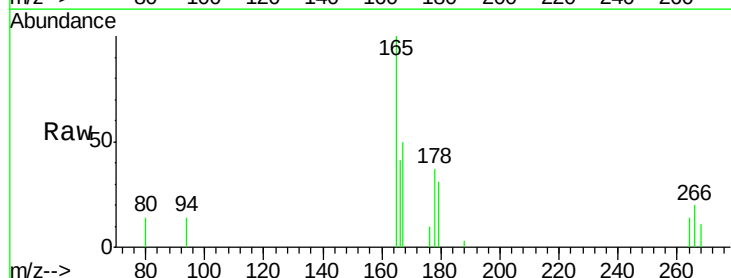
Tgt Ion:266 Resp: 3500

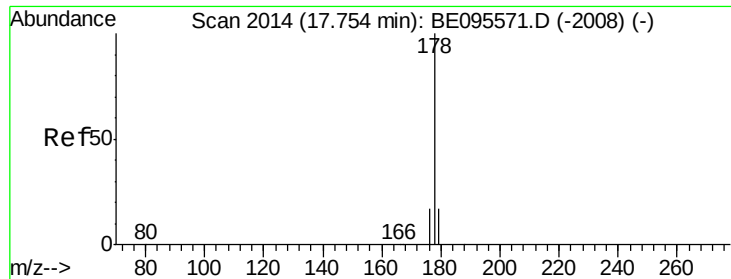
Ion Ratio Lower Upper

266 100

264 61.4 47.9 71.9

268 62.2 49.8 74.8





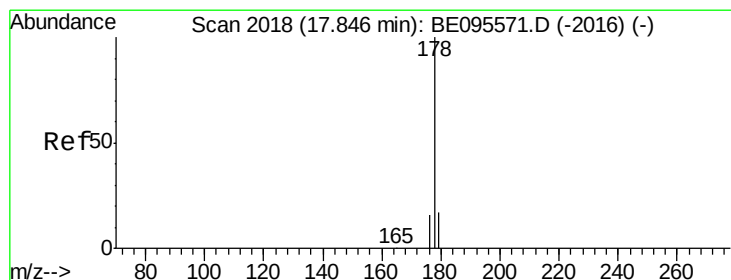
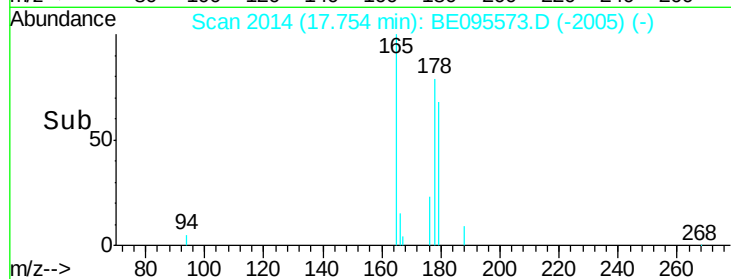
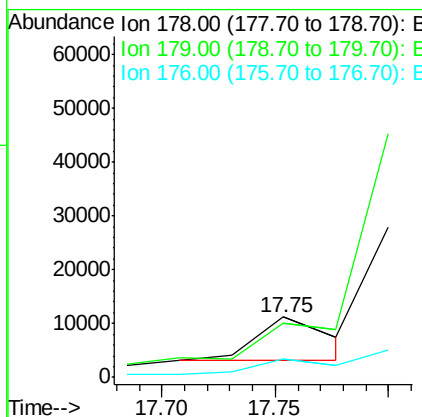
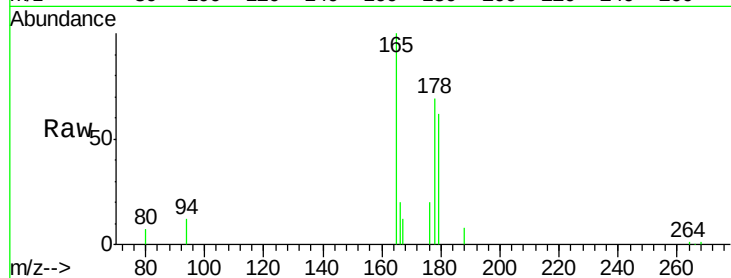
#12
Phenanthrene
Concen: 0.680 ng/ul m
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

Instrument :
BNA_E
ClientSampleId :
F6C83RE

Tot Ion	Ratio	Lower	Upper
178	100		
179	89.6	18.4	27.6#
176	29.7	13.6	20.4#

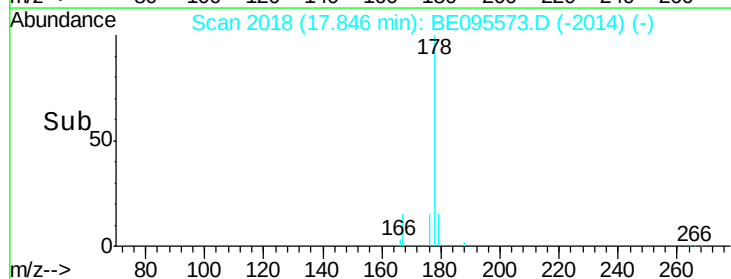
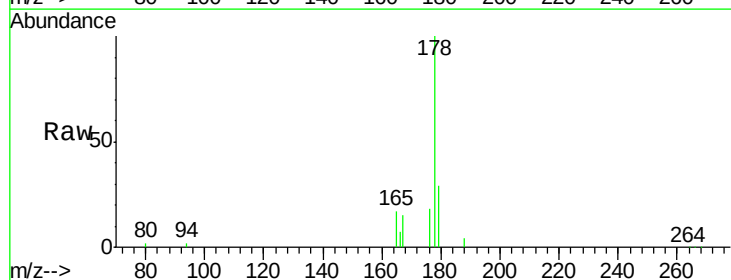
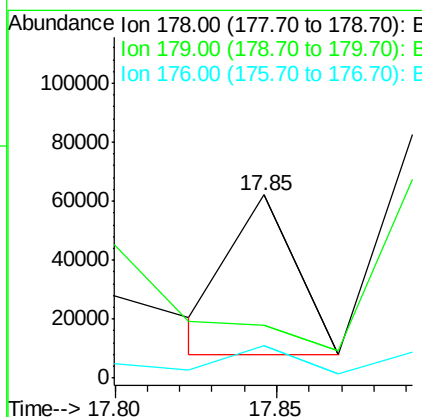
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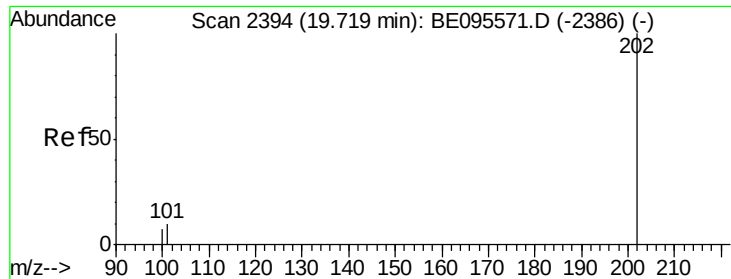
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#13
Anthracene
Concen: 3.082 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	28.8	18.1	27.1#
176	17.7	14.7	22.1





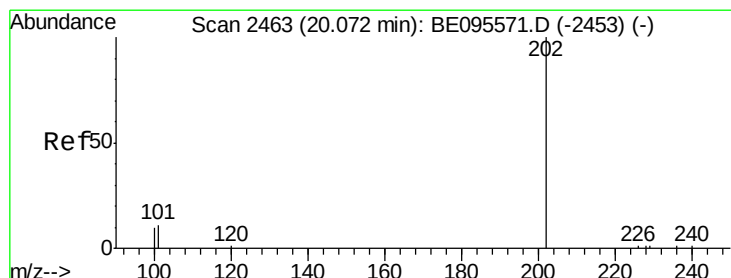
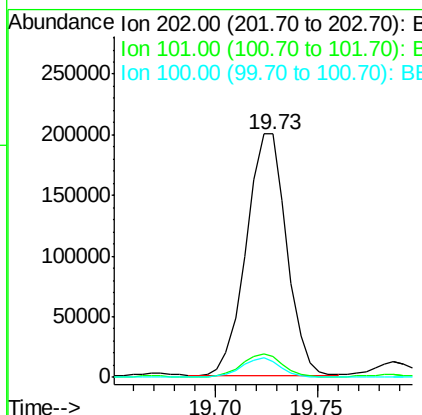
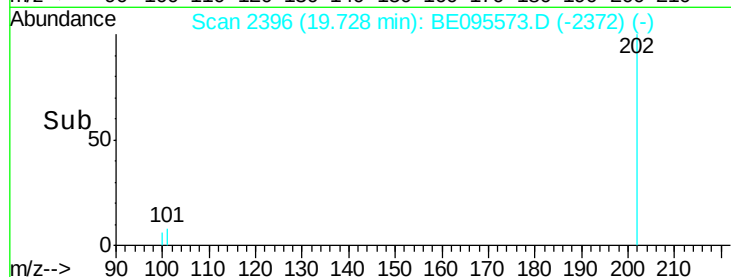
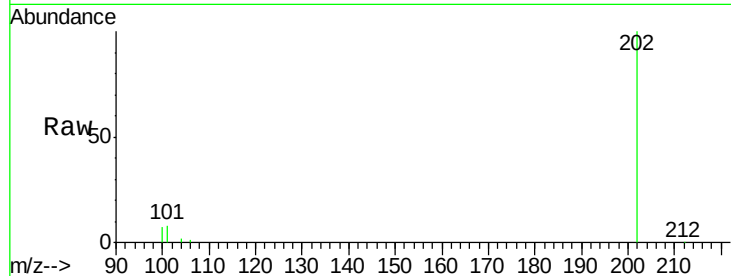
#15
Fluoranthene
Concen: 7.925 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

Instrument :
BNA_E
ClientSampled :
F6C83RE

Tot Ion	Ratio	Resp	Lower	Upper
202	100	272425		
101	8.4	0.0	30.3	
100	6.5	0.0	39.5	

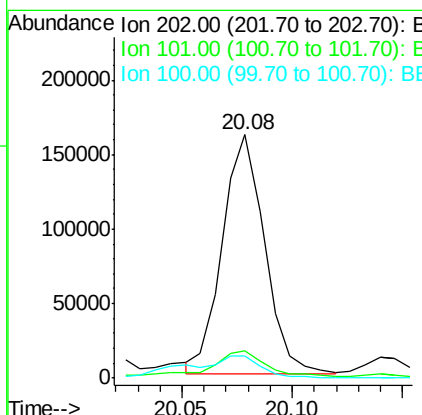
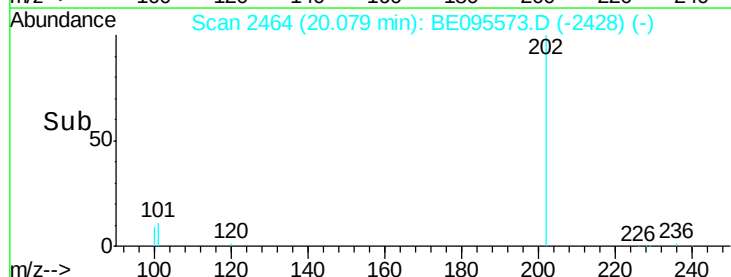
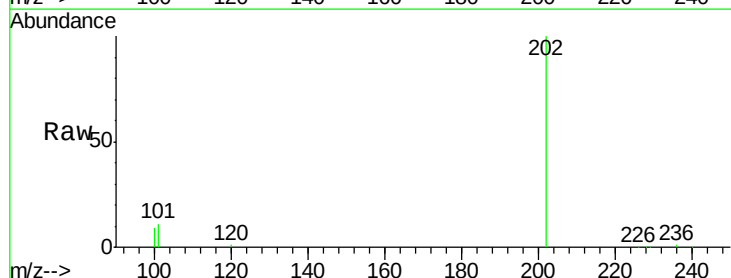
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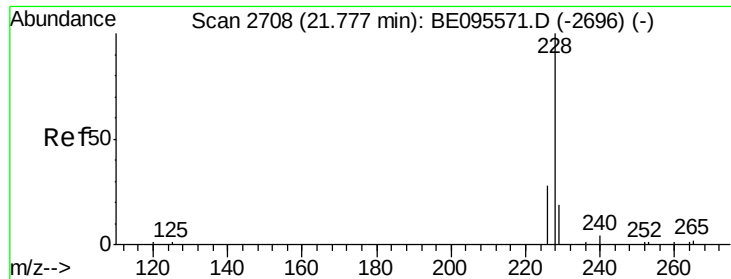
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#17
Pyrene
Concen: 10.338 ng/ul m
RT: 20.08 min Scan# 2464
Delta R.T. 0.01 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	214651		
101	11.3	18.2	27.4#	
100	9.3	15.6	23.4#	





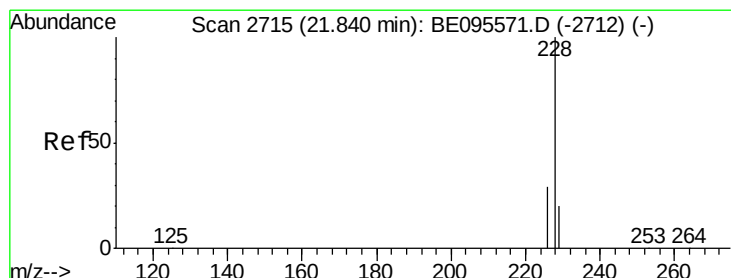
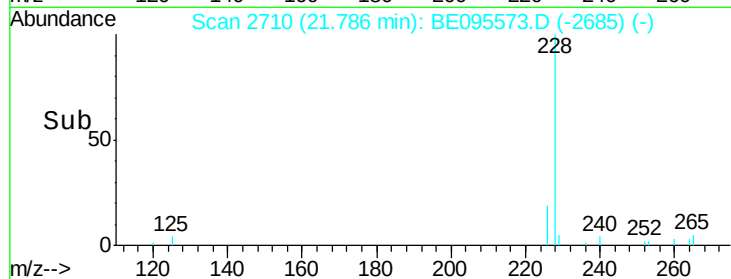
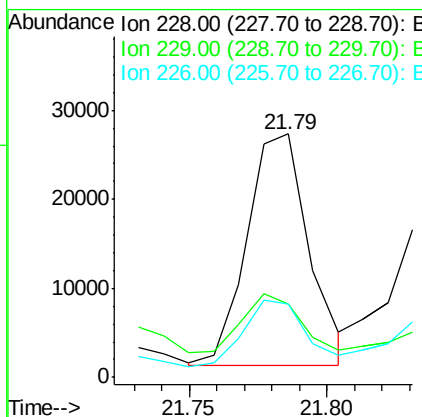
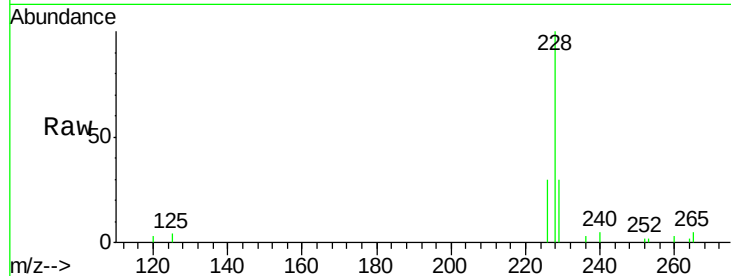
#18
Benzo(a)anthracene
Concen: 2.105 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.01 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

Instrument :
BNA_E
ClientSampleId :
F6C83RE

Tot Ion	Ratio	Lower	Upper
228	100		
229	30.2	22.8	34.2
226	30.2	17.0	25.6

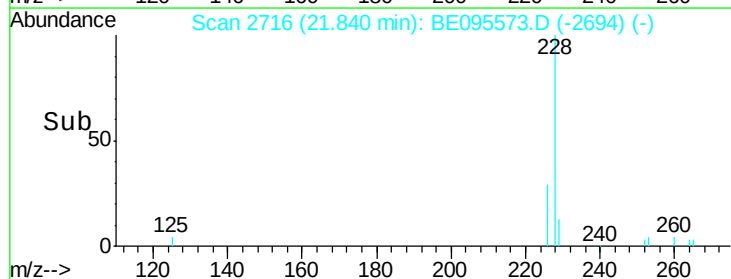
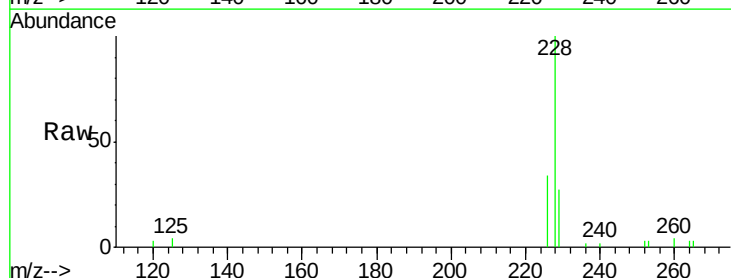
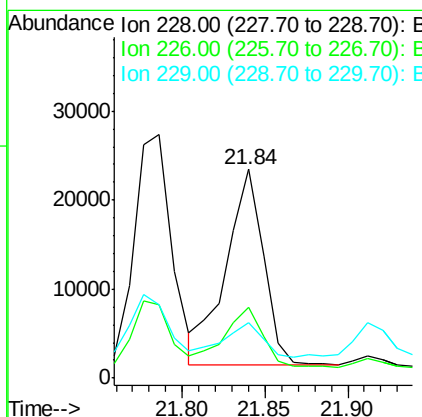
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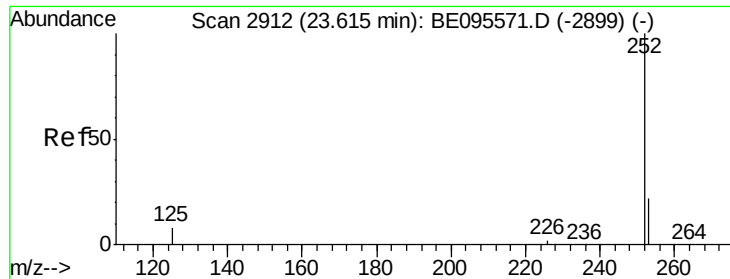
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#19
Chrysene
Concen: 1.718 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	23.4	35.0
229	26.5	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.017 ng/ul m

RT: 23.62 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Instrument :

BNA_E

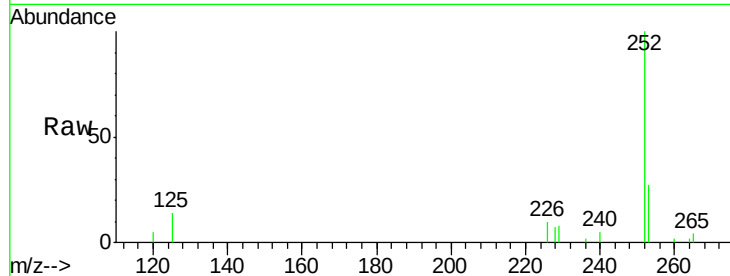
ClientSampleId :

F6C83RE

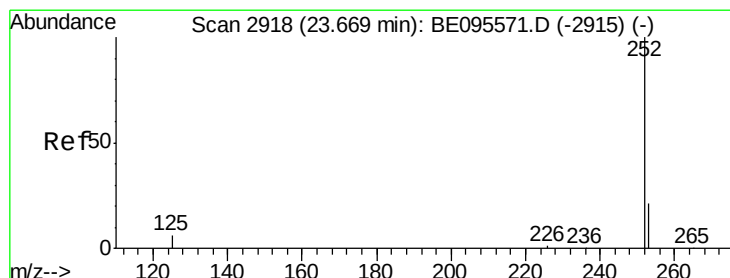
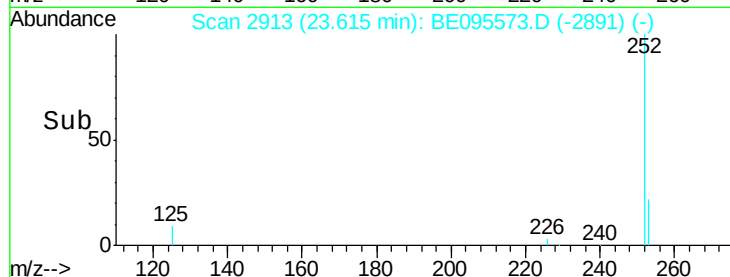
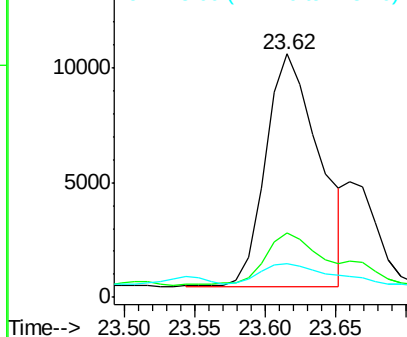
Tot Ion:	252	Resp:	26718
Ion Ratio	Lower	Upper	
252	100		
253	26.6	0.0	64.2
125	14.0	0.0	35.0

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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: 0.302 ng/ul m

RT: 23.66 min Scan# 2918

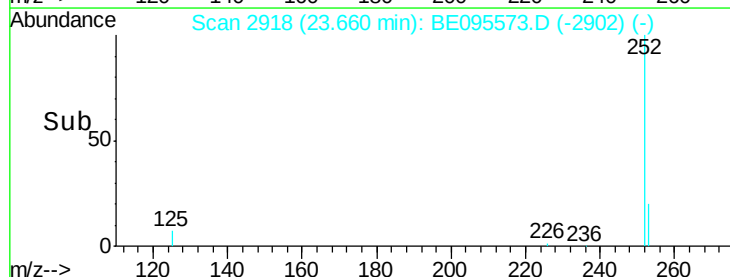
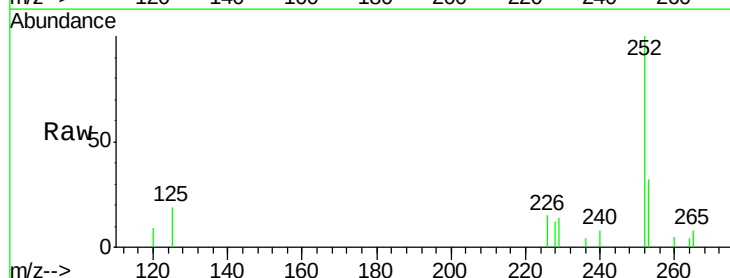
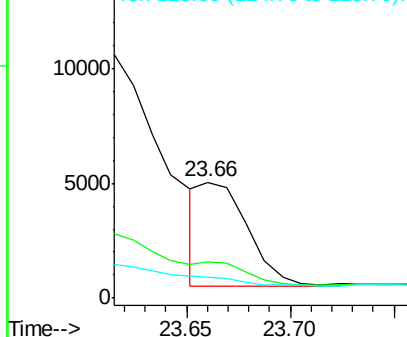
Delta R.T. -0.01 min

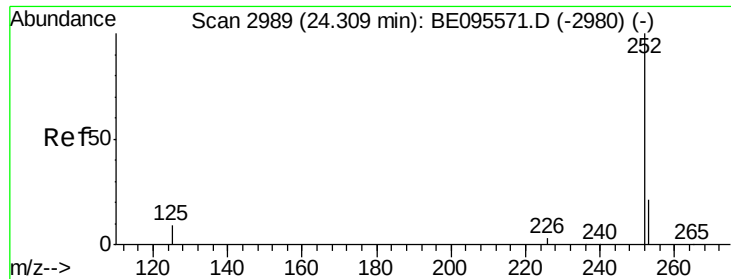
Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Tgt Ion:	252	Resp:	7252
Ion Ratio	Lower	Upper	
252	100		
253	31.6	24.5	36.7
125	18.5	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





#23

Benzo(a)pyrene

Concen: 0.641 ng/ul m

RT: 24.32 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Instrument :

BNA_E

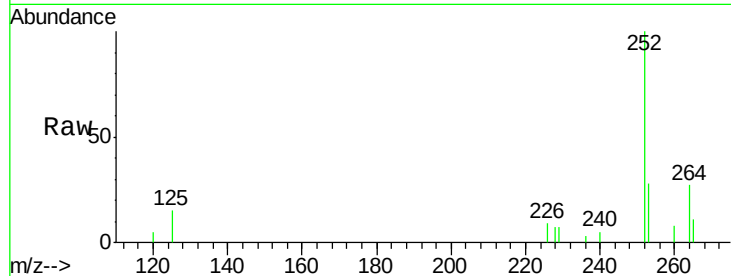
ClientSampleId :

F6C83RE

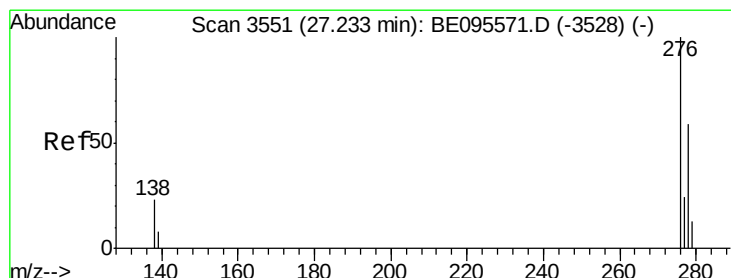
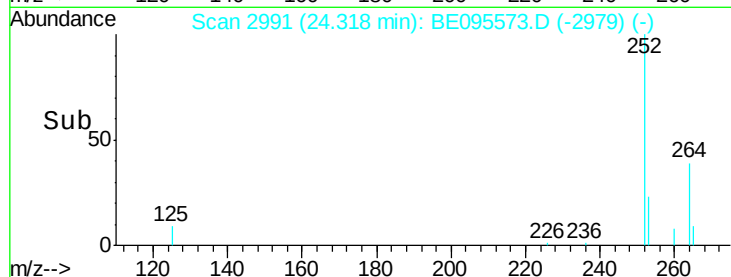
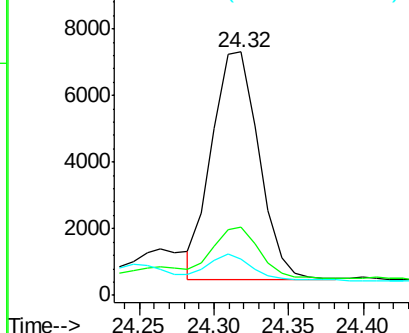
Tot Ion:	252	Resp:	15031
Ion Ratio	Lower	Upper	
252	100		
253	27.8	28.5	42.7#
125	15.2	18.1	27.1#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.224 ng/ul

RT: 27.23 min Scan# 3552

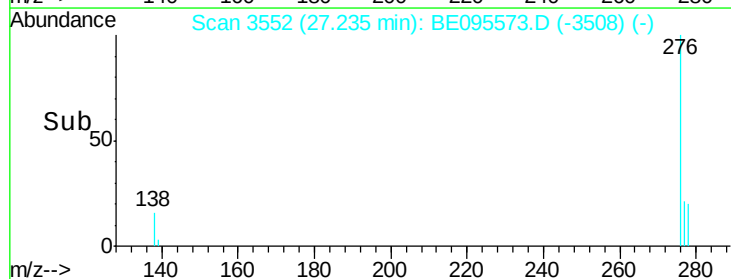
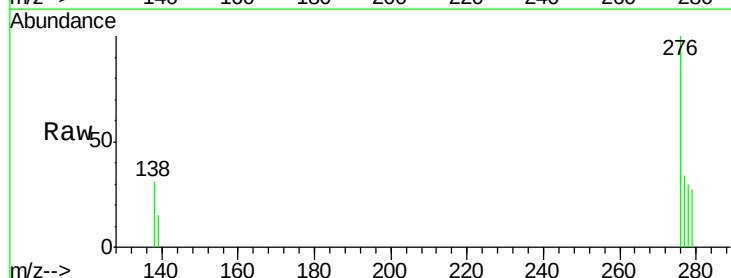
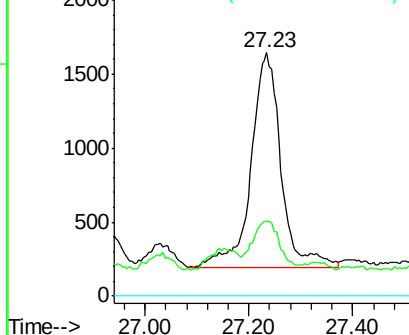
Delta R.T. 0.00 min

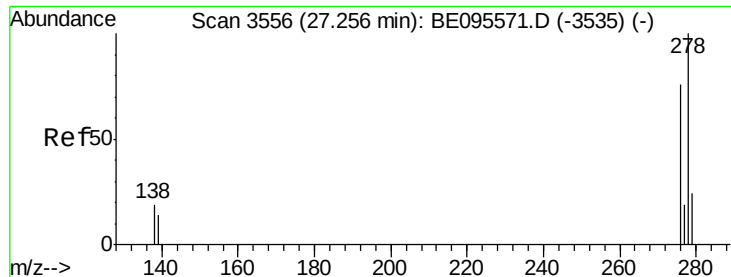
Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Tgt Ion:	276	Resp:	5774
Ion Ratio	Lower	Upper	
276	100		
138	20.5	28.0	42.0#
227	0.0	8.0	12.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.069 ng/ul

RT: 27.24 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Instrument :

BNA_E

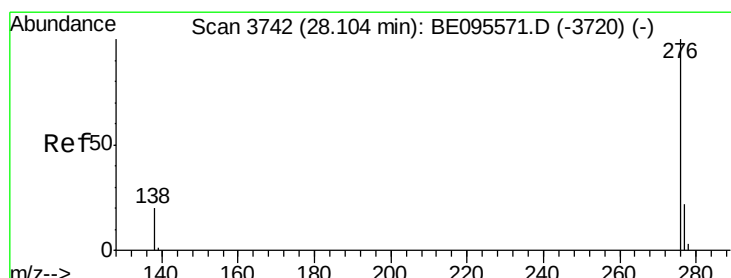
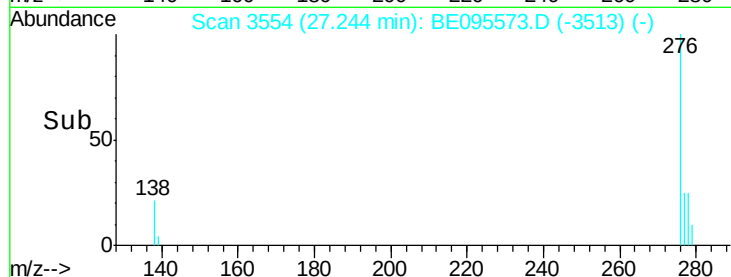
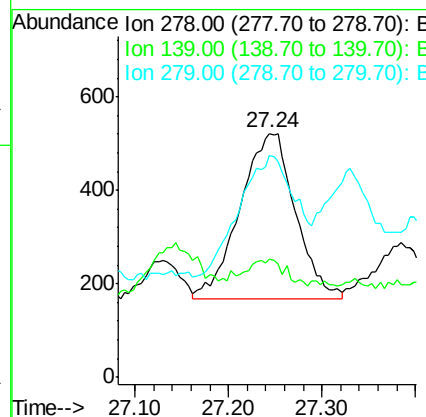
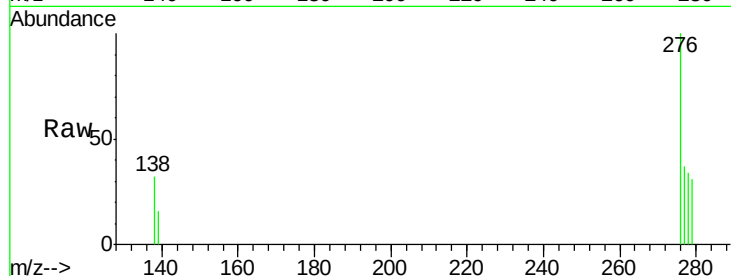
ClientSampled :

F6C83RE

Tot Ion:	278	Resp:	1462
Ion Ratio	Lower	Upper	
278	100		
139	48.4	17.4	26.0#
279	91.0	25.9	38.9#

Manual Integrations
APPROVED

Sohil
2/9/2018 4:30:53 PM



#26

Benzo(g,h,i)perylene

Concen: 0.178 ng/ul

RT: 28.11 min Scan# 3744

Delta R.T. 0.01 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Tgt Ion:	276	Resp:	3889
Ion Ratio	Lower	Upper	
276	100		
138	35.6	21.8	32.8#
277	40.2	20.5	30.7#

