

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
 Data File : BE095563.D
 Acq On : 8 Feb 2018 11:33
 Operator : SJ/JU
 Sample : J1314-07DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C44DL

Manual Integrations
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 2/9/2018 4:30:24 PM

Quant Time: Feb 09 01:02:37 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 00:43:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1670	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	4675	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3001	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7395	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7114	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	7055	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	495	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	1425	0.05	ng/ul	0.00
Target Compounds						
7) Acenaphthylene	14.74	152	1222	0.085	ng/ul#	72
8) Acenaphthene	15.07	153	264	0.024	ng/ul#	81
11) Pentachlorophenol	17.36	266	20115	14.044	ng/ul	98
12) Phenanthrene	17.75	178	5828	0.234	ng/ul	97
13) Anthracene	17.85	178	6136	0.270	ng/ul	99
15) Fluoranthene	19.72	202	37808	1.174	ng/ul	83
17) Pyrene	20.07	202	43846	1.837	ng/ul#	78
18) Benzo(a)anthracene	21.78	228	10670	0.480	ng/ul#	89
19) Chrysene	21.84	228	13216m	0.572	ng/ul	
21) Benzo(b)fluoranthene	23.62	252	27607m	1.109	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	6257m	0.275	ng/ul	
23) Benzo(a)pyrene	24.31	252	7282	0.328	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	27.23	276	9583	0.393	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.23	278	2232	0.112	ng/ul#	80
26) Benzo(g,h,i)perylene	28.11	276	10299	0.499	ng/ul	95

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

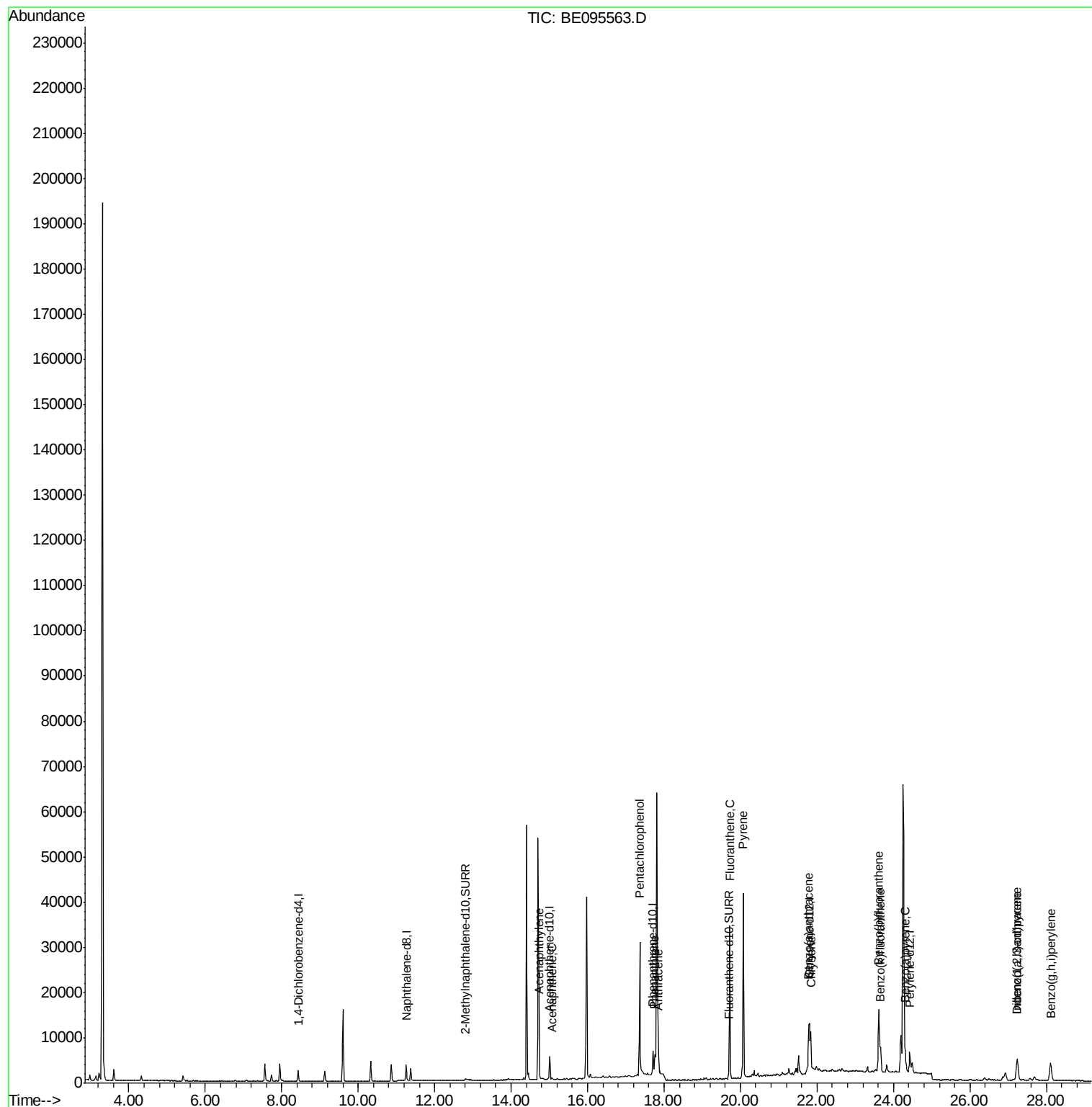
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
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ALS Vial : 5 Sample Multiplier: 1

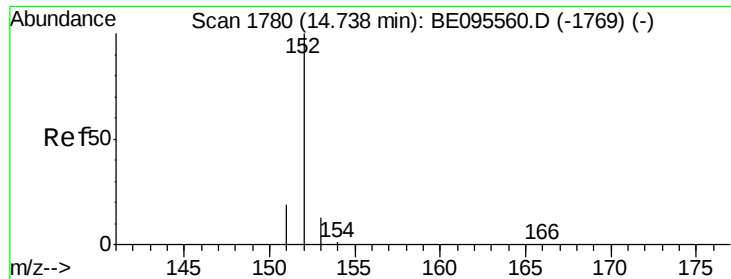
Instrument :
BNA_E
ClientSampleId :
F6C44DL

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QLast Update : Fri Feb 09 00:43:28 2018
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#7

Acenaphthylene

Concen: 0.085 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE095563.D

Acq: 8 Feb 2018 11:33

Instrument :

BNA_E

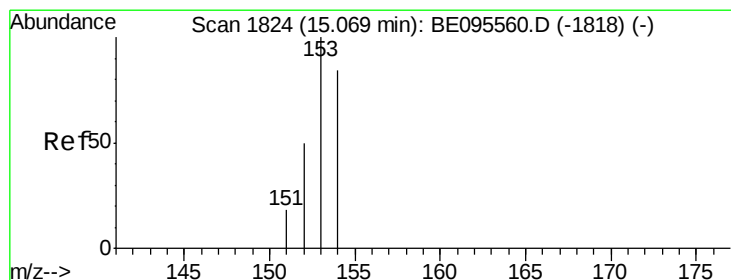
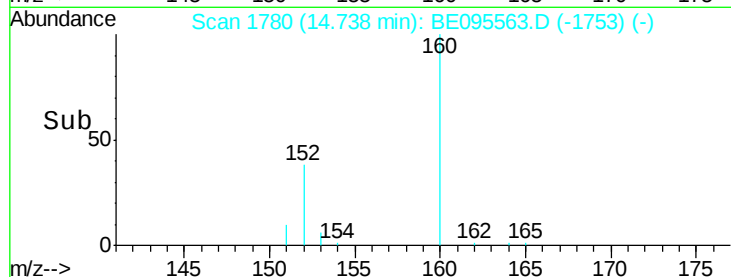
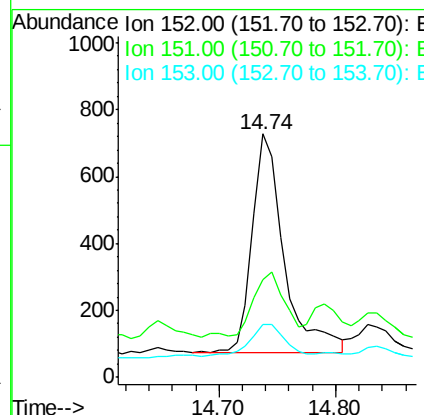
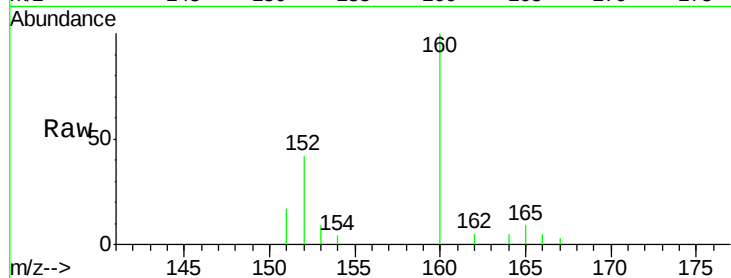
ClientSampleID :

F6C44DL

Tot Ion:	152	Resp:	1222
Ion Ratio	Lower	Upper	
152	100		
151	40.0	17.1	25.7#
153	21.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.024 ng/ul

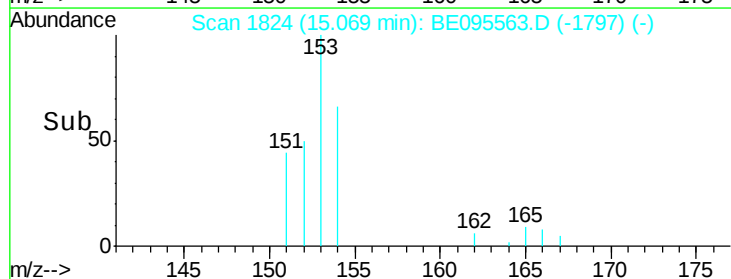
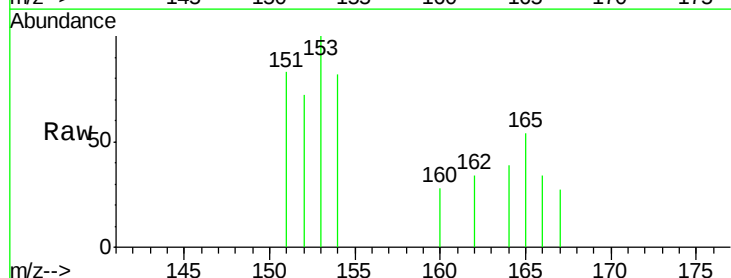
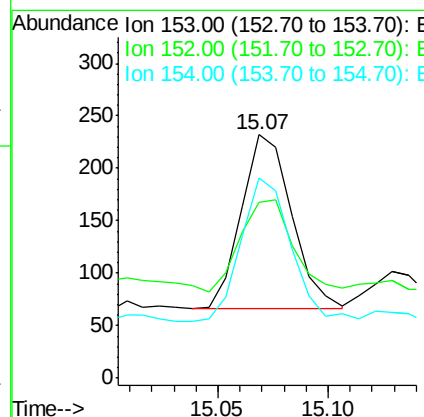
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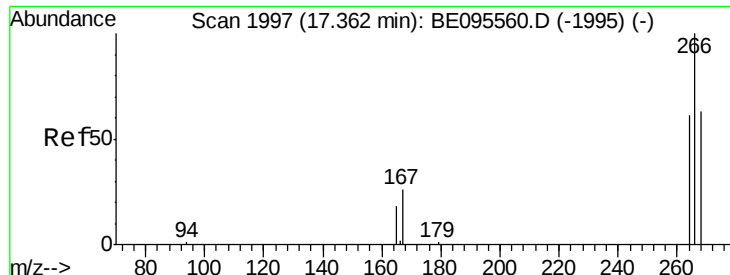
Delta R.T. -0.00 min

Lab File: BE095563.D

Acq: 8 Feb 2018 11:33

Tgt Ion:	153	Resp:	264
Ion Ratio	Lower	Upper	
153	100		
152	72.4	36.0	54.0#
154	82.3	72.0	108.0





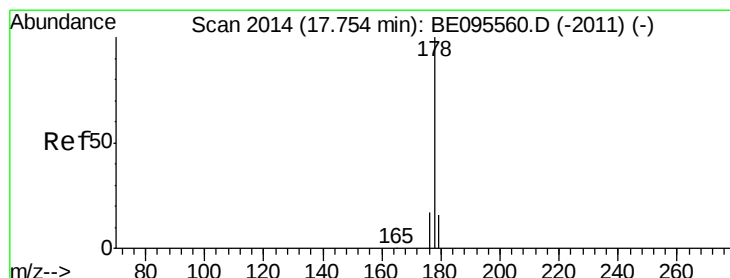
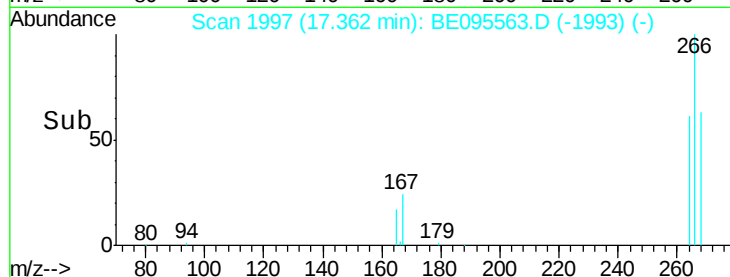
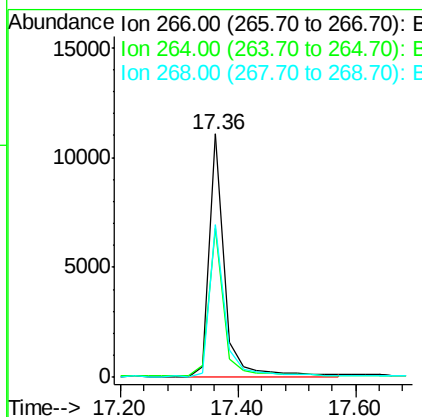
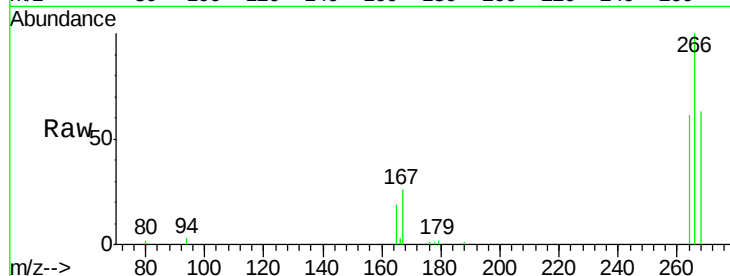
#11
 Pentachlorophenol
 Concen: 14.044 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BE095563.D
 Acq: 8 Feb 2018 11:33

Instrument :
 BNA_E
 ClientSampled :
 F6C44DL

Tot Ion	Ratio	Lower	Upper
266	100		
264	60.9	47.9	71.9
268	63.8	49.8	74.8

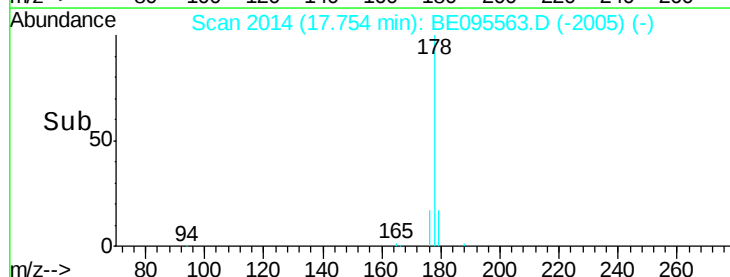
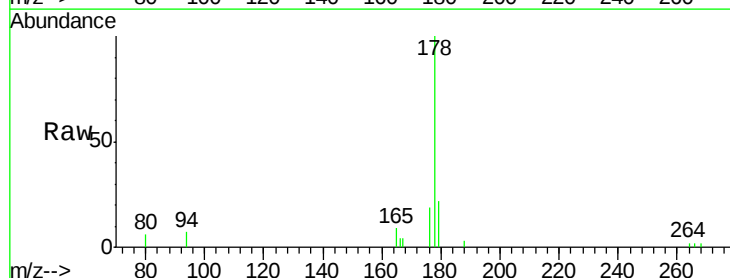
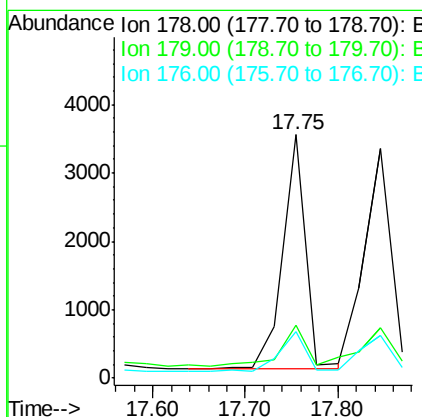
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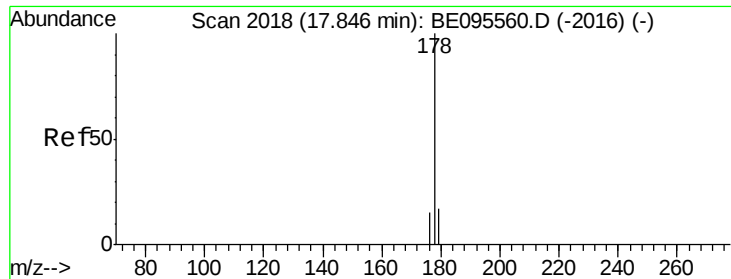
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#12
 Phenanthrene
 Concen: 0.234 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BE095563.D
 Acq: 8 Feb 2018 11:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.7	18.4	27.6
176	18.9	13.6	20.4





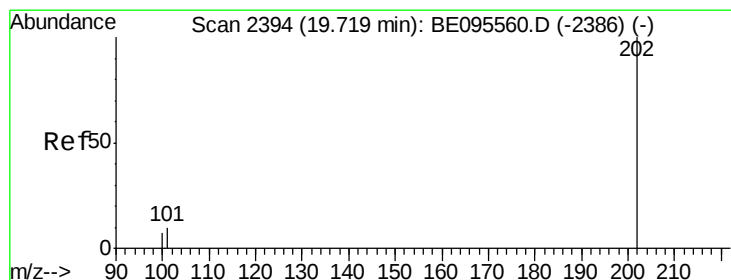
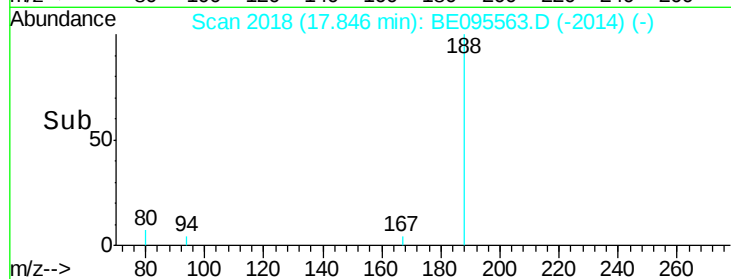
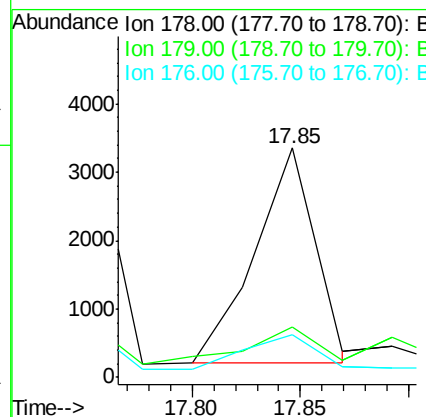
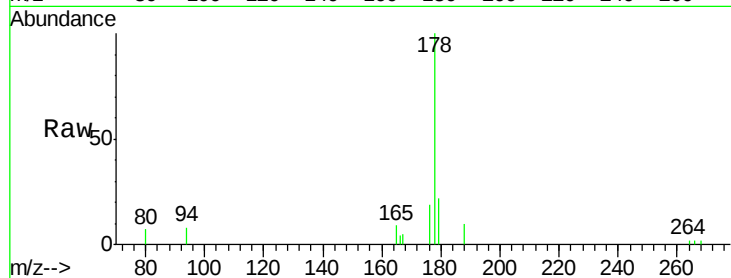
#13
 Anthracene
 Concen: 0.270 ng/ul
 RT: 17.85 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BE095563.D
 Acq: 8 Feb 2018 11:33

Instrument :
 BNA_E
 ClientSampleId :
 F6C44DL

Tot Ion:178 Resp: 6136
 Ion Ratio Lower Upper
 178 100
 179 21.8 18.1 27.1
 176 18.7 14.7 22.1

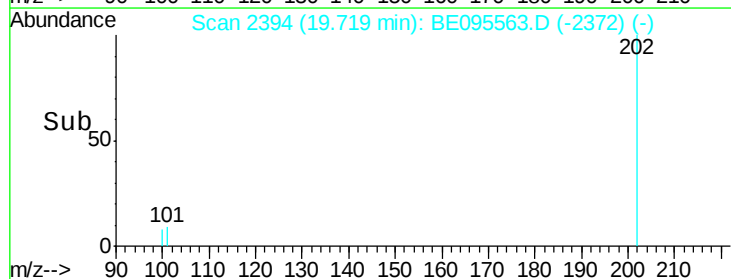
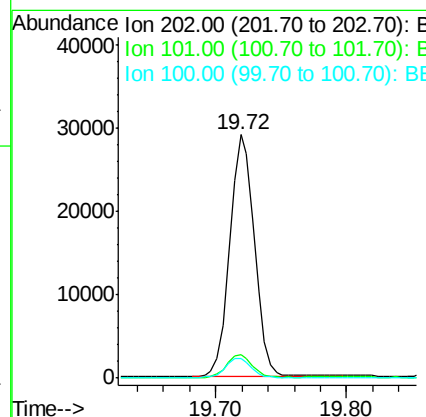
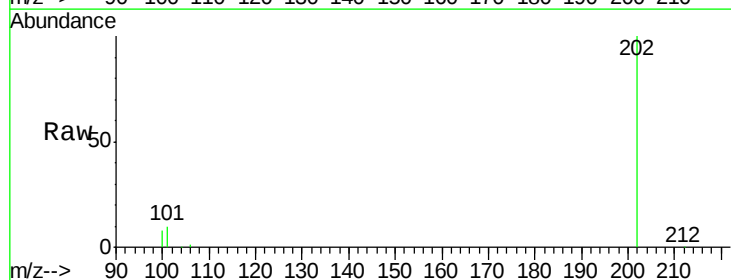
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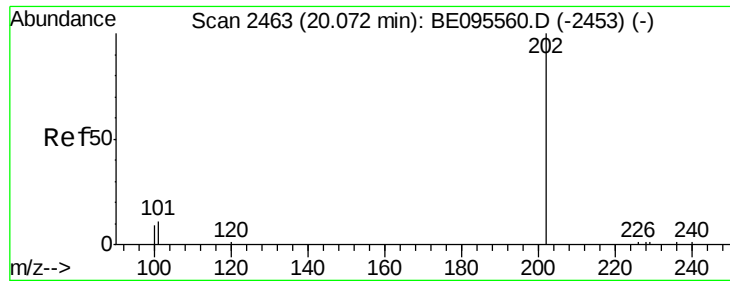
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#15
 Fluoranthene
 Concen: 1.174 ng/ul
 RT: 19.72 min Scan# 2394
 Delta R.T. -0.00 min
 Lab File: BE095563.D
 Acq: 8 Feb 2018 11:33

Tgt Ion:202 Resp: 37808
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 30.3
 100 8.2 0.0 39.5





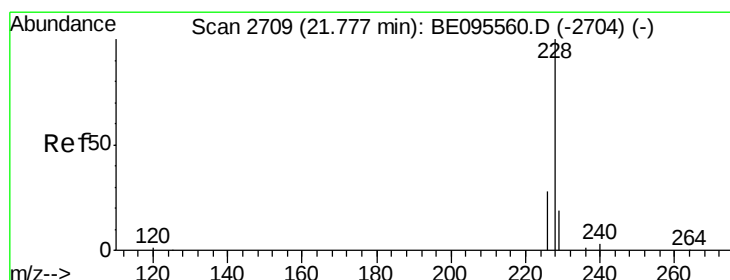
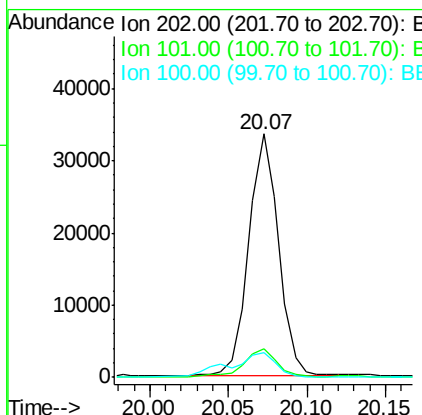
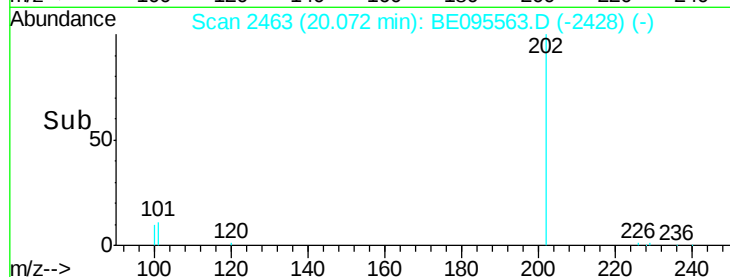
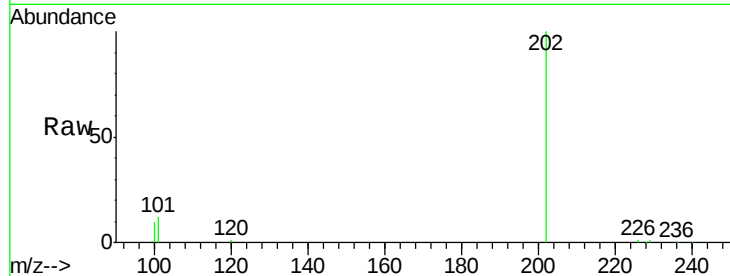
#17
Pvrene
Concen: 1.837 ng/ul
RT: 20.07 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BE095563.D
Acq: 8 Feb 2018 11:33

Instrument :
BNA_E
ClientSampleId :
F6C44DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	18.2	27.4#
100	10.0	15.6	23.4#

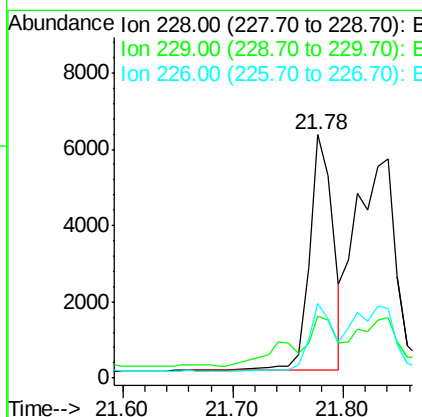
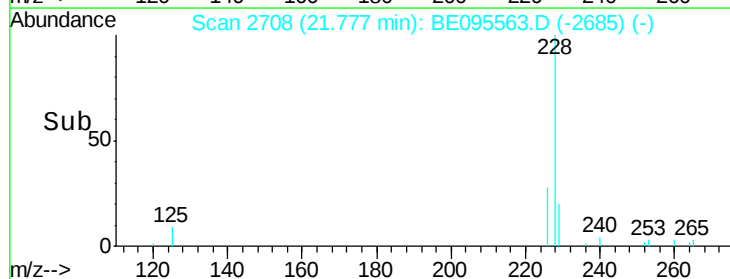
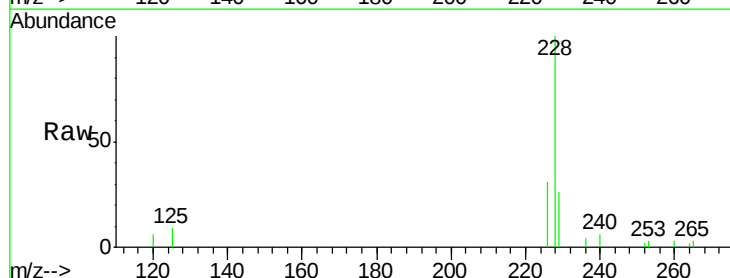
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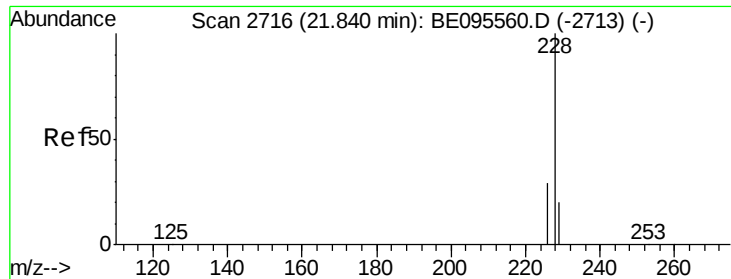
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#18
Benzo(a)anthracene
Concen: 0.480 ng/ul
RT: 21.78 min Scan# 2708
Delta R.T. -0.00 min
Lab File: BE095563.D
Acq: 8 Feb 2018 11:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.6	22.8	34.2
226	30.5	17.0	25.6#





#19

Chrysene

Concen: 0.572 ng/ul m

RT: 21.84 min Scan# 2715

Delta R.T. -0.00 min

Lab File: BE095563.D

Acq: 8 Feb 2018 11:33

Instrument :

BNA_E

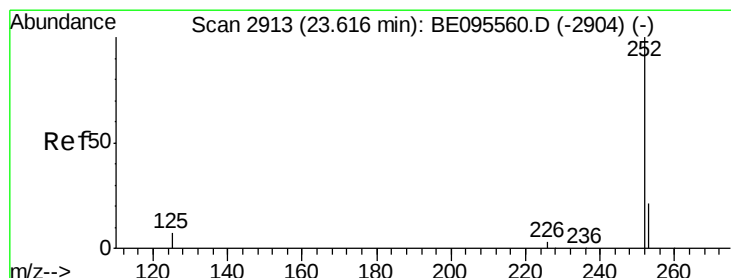
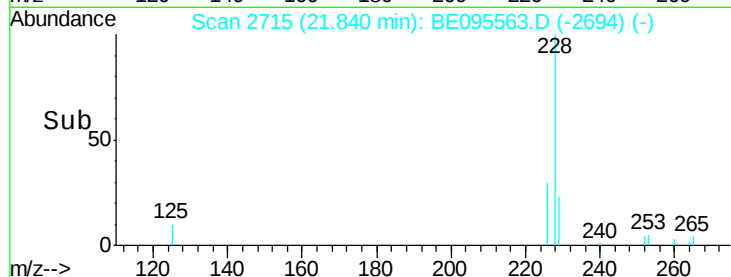
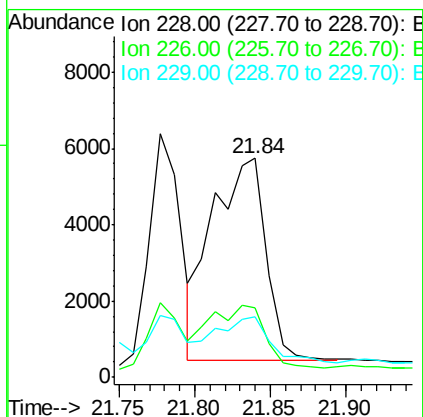
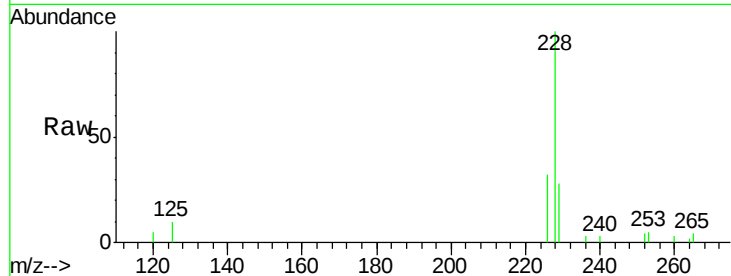
ClientSampleId :

F6C44DL

Tot Ion:	228	Resp:	13216
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.4	35.0
229	27.8	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 1.109 ng/ul m

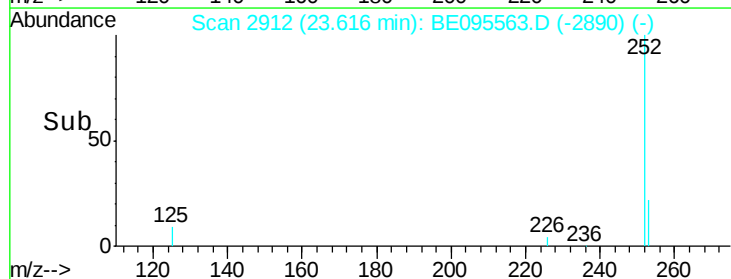
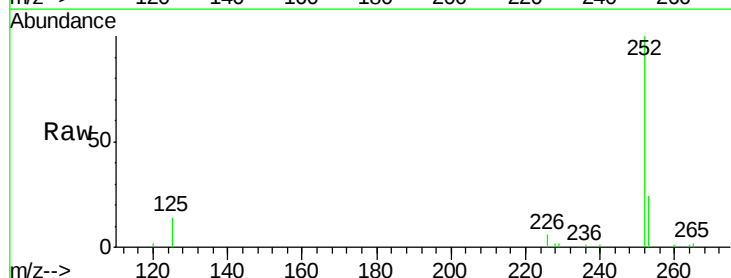
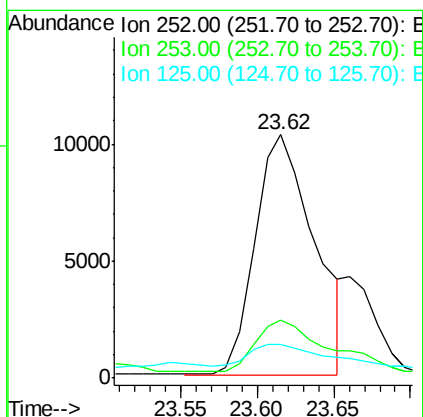
RT: 23.62 min Scan# 2912

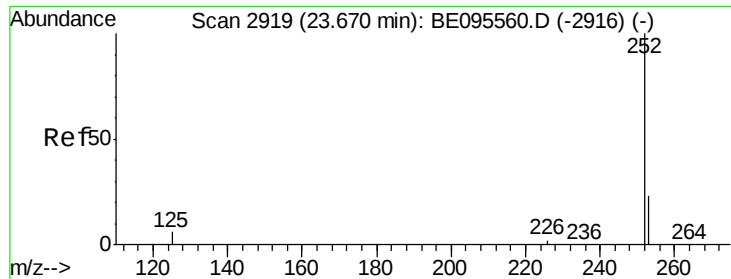
Delta R.T. -0.00 min

Lab File: BE095563.D

Acq: 8 Feb 2018 11:33

Tgt Ion:	252	Resp:	27607
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	64.2
125	13.7	0.0	35.0





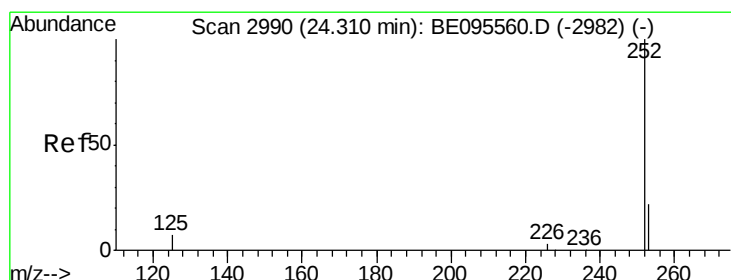
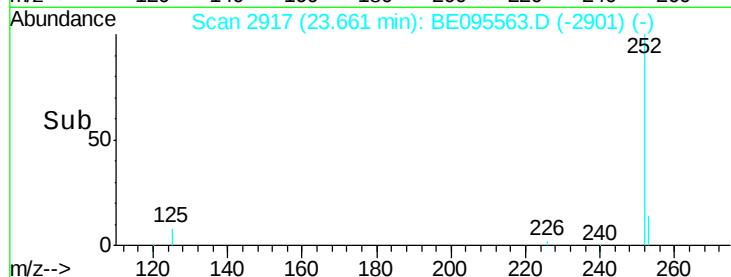
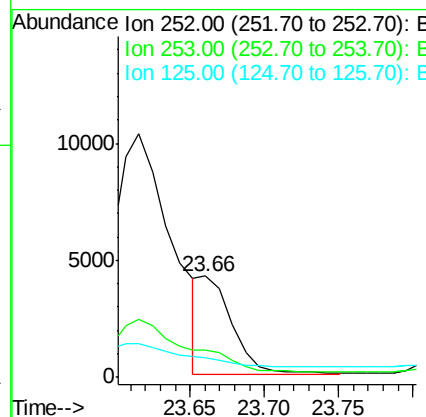
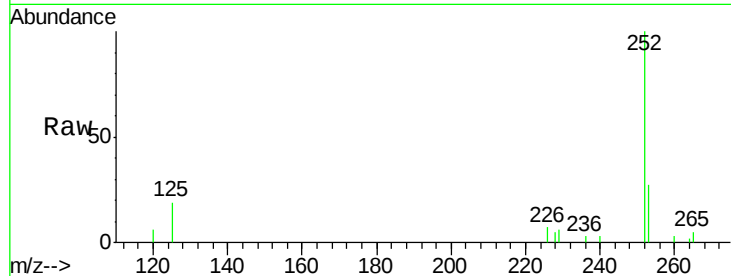
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Benzo(k)fluoranthene
Concen: 0.275 ng/ul m
RT: 23.66 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BE095563.D
Acq: 8 Feb 2018 11:33

Instrument :
BNA_E
ClientSampled :
F6C44DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	24.5	36.7
125	19.4	13.7	20.5

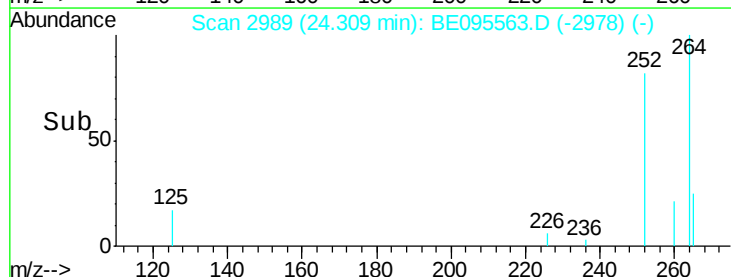
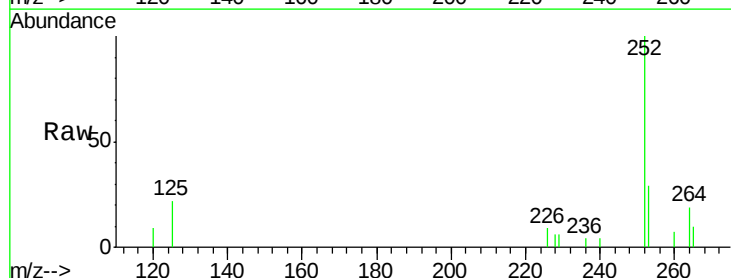
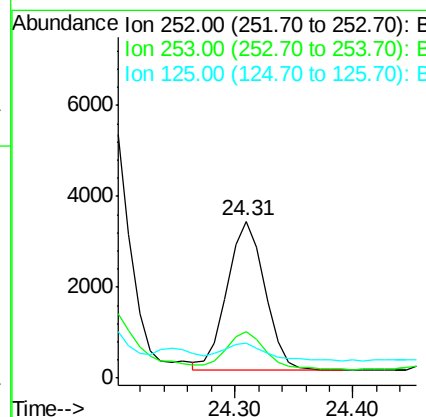
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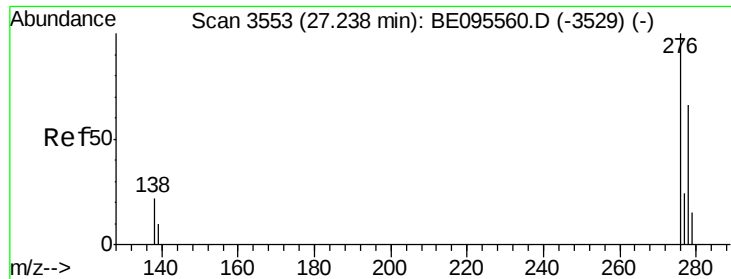
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#23
Benzo(a)pyrene
Concen: 0.328 ng/ul
RT: 24.31 min Scan# 2989
Delta R.T. -0.00 min
Lab File: BE095563.D
Acq: 8 Feb 2018 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	28.5	42.7
125	22.3	18.1	27.1





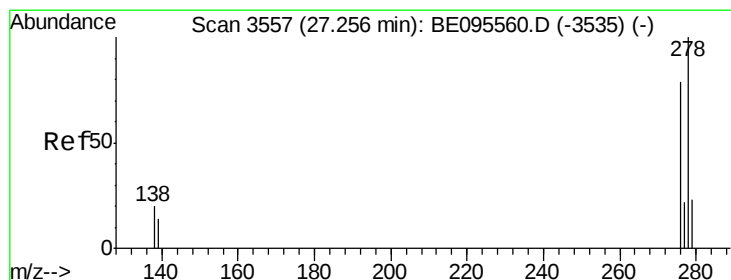
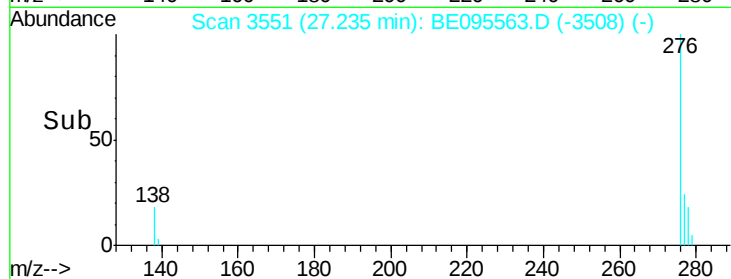
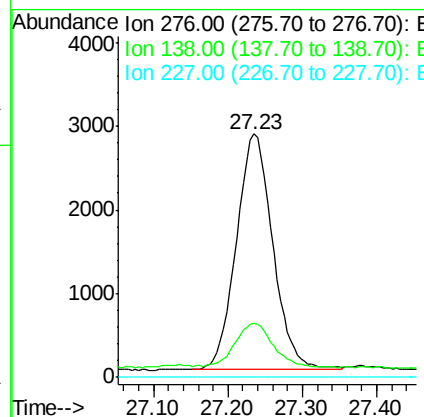
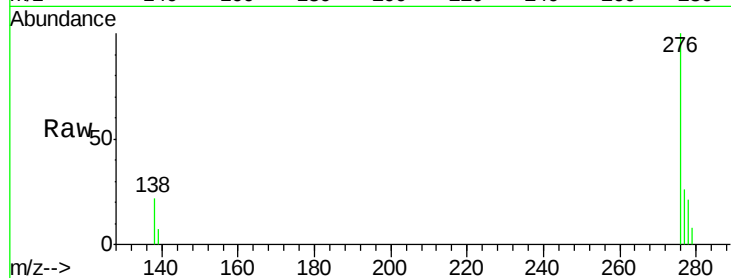
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 27.23 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE095563.D
Acq: 8 Feb 2018 11:33

Instrument :
BNA_E
ClientSampleId :
F6C44DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	28.0	42.0#
227	0.0	8.0	12.0#

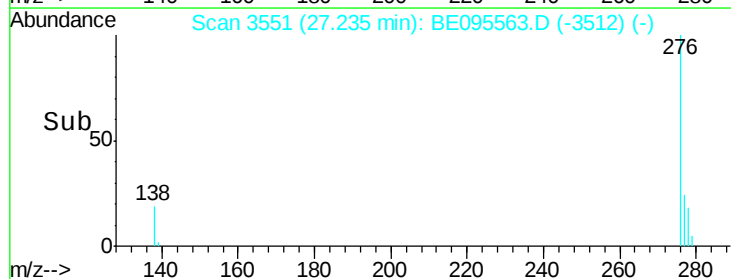
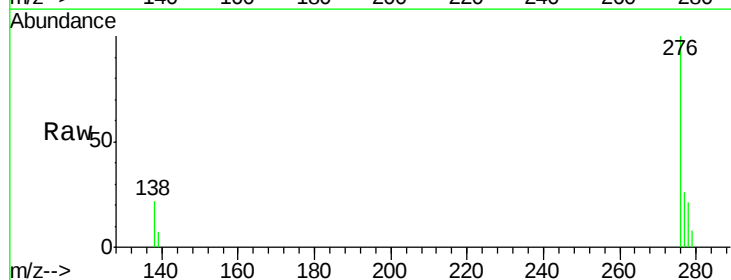
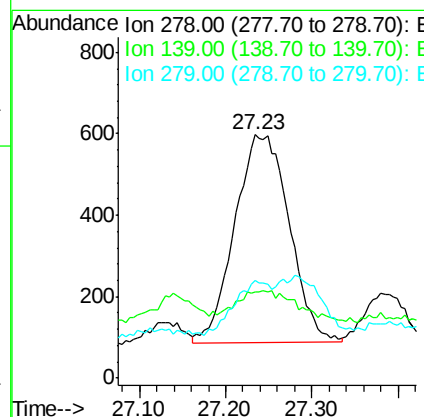
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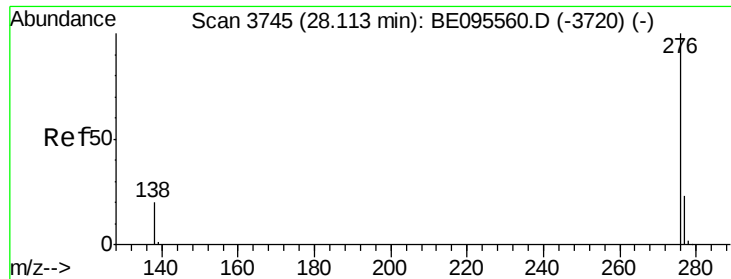
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#25
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 27.23 min Scan# 3551
Delta R.T. -0.02 min
Lab File: BE095563.D
Acq: 8 Feb 2018 11:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.6	17.4	26.0#
279	40.3	25.9	38.9#





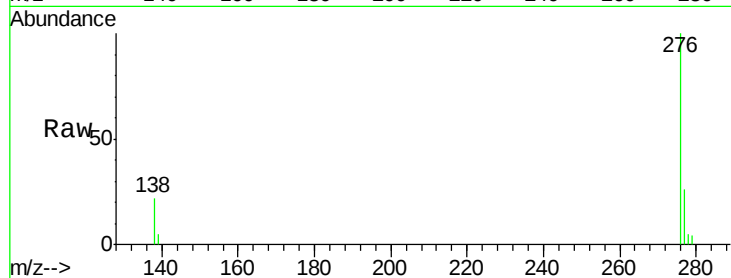
#26
 Benzo(a,h,i)perylene
 Concen: 0.499 ng/ul
 RT: 28.11 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: BE095563.D
 Acq: 8 Feb 2018 11:33

Instrument :
 BNA_E
 ClientSampleId :
 F6C44DL

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	22.1	21.8	32.8
277	25.6	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 2/9/2018 4:30:24 PM



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

