

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
 Data File : BE095574.D
 Acq On : 8 Feb 2018 18:07
 Operator : SJ/JU
 Sample : J1315-20DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C83DL

Manual Integrations
 APPROVED

Sohil
 2/13/2018 4:46:00 AM

Quant Time: Feb 09 03:35:02 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	1586	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	4417	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	2136m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6462	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	6680	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	6593	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	305	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	1023	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	560	0.045	ng/ul#	1
8) Acenaphthene	15.07	153	9588	1.203	ng/ul	93
9) Fluorene	16.02	166	13025	1.584	ng/ul	87
11) Pentachlorophenol	17.36	266	263	0.210	ng/ul	96
12) Phenanthrene	17.75	178	2407m	0.111	ng/ul	
13) Anthracene	17.84	178	11386m	0.572	ng/ul	
15) Fluoranthene	19.72	202	30487	1.083	ng/ul	84
17) Pyrene	20.07	202	24105m	1.075	ng/ul	
18) Benzo(a)anthracene	21.78	228	4682	0.224	ng/ul#	81
19) Chrysene	21.84	228	3953	0.182	ng/ul#	86
21) Benzo(b)fluoranthene	23.62	252	3072m	0.132	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	776m	0.036	ng/ul	
23) Benzo(a)pyrene	24.31	252	1684m	0.081	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.23	276	645	0.028	ng/ul#	86
26) Benzo(g,h,i)perylene	28.11	276	432	0.022	ng/ul#	37

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

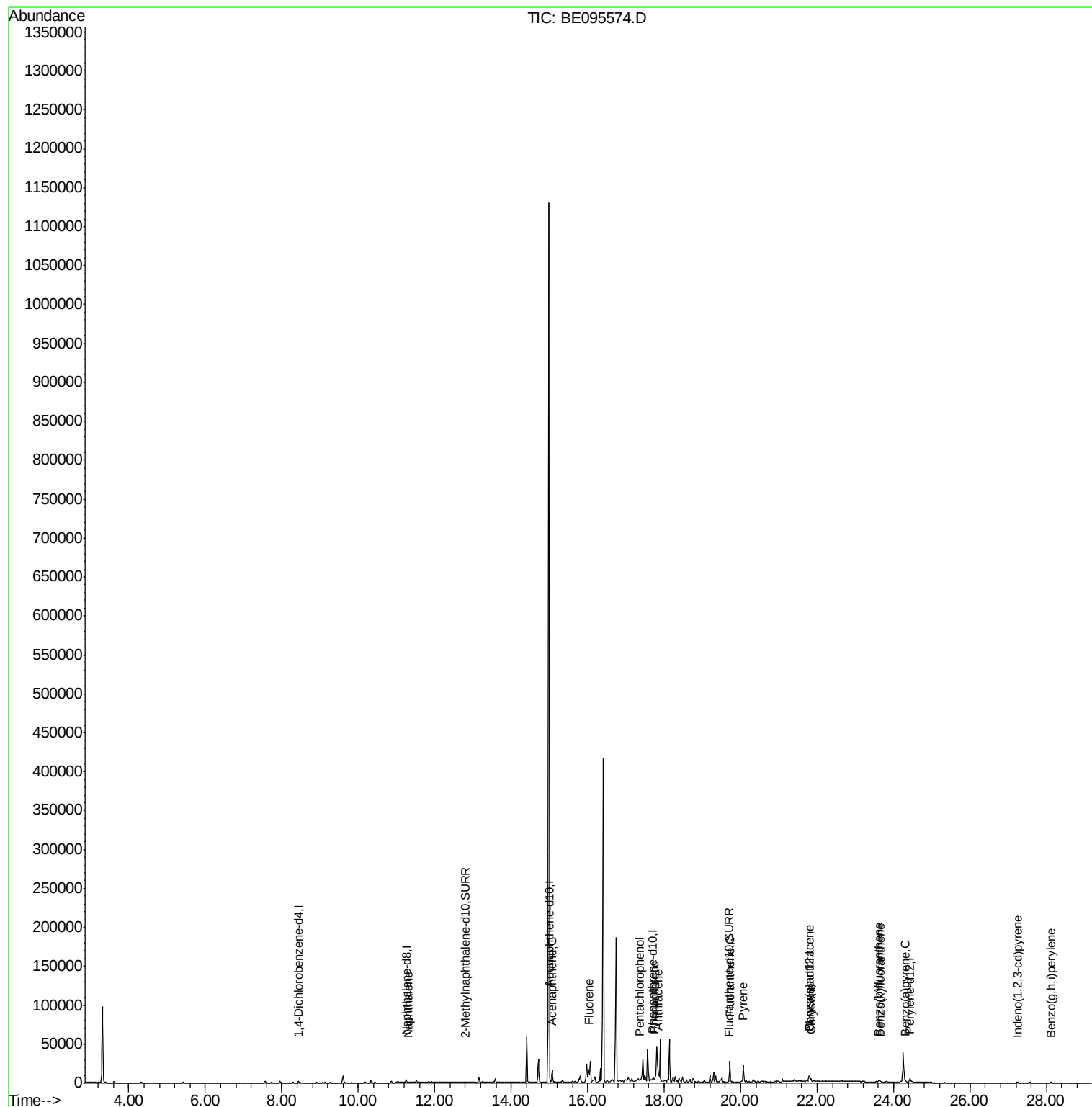
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
Data File : BE095574.D
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Operator : SJ/JU
Sample : J1315-20DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

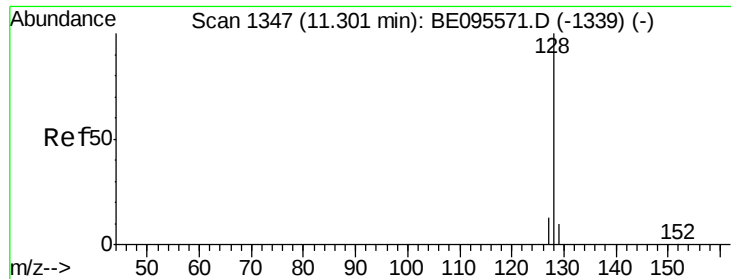
Instrument :
BNA_E
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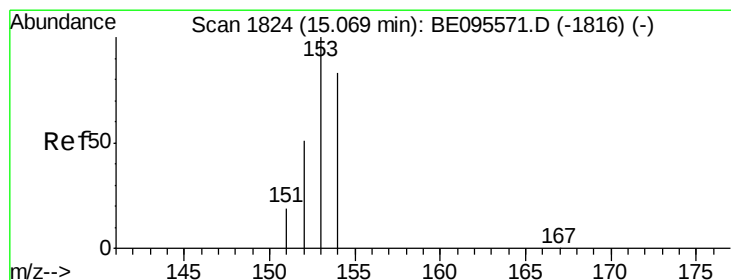
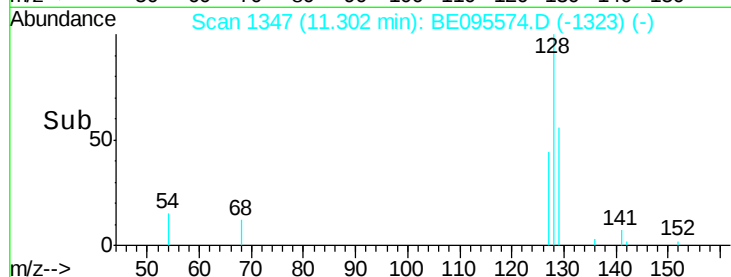
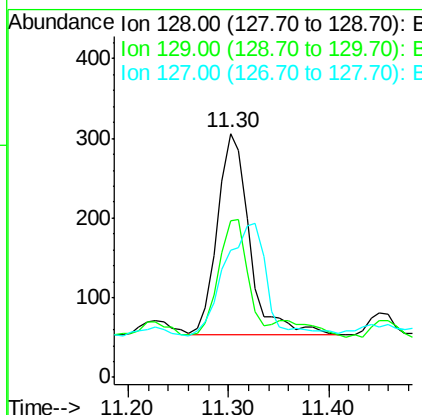
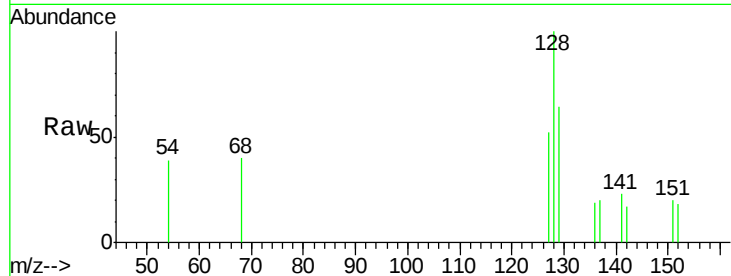
#3
Naphthalene
Concen: 0.045 ng/ul
RT: 11.30 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BE095574.D
Acq: 8 Feb 2018 18:07

Instrument :
BNA_E
ClientSampled :
F6C83DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	64.4	11.3	16.9#
127	52.3	4.0	6.0#

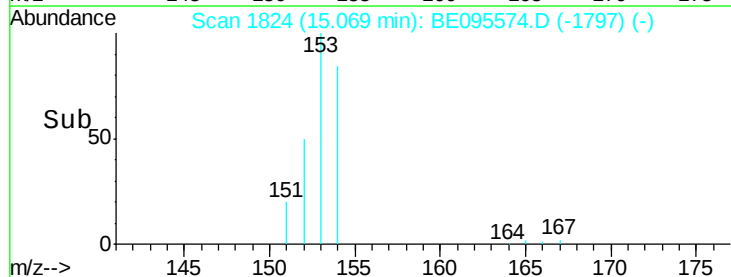
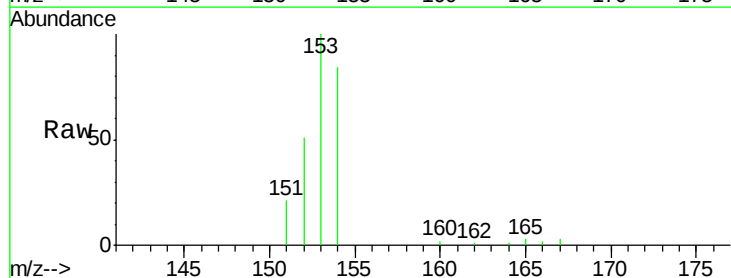
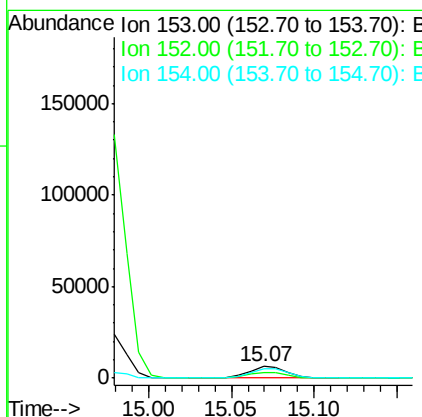
Manual Integrations
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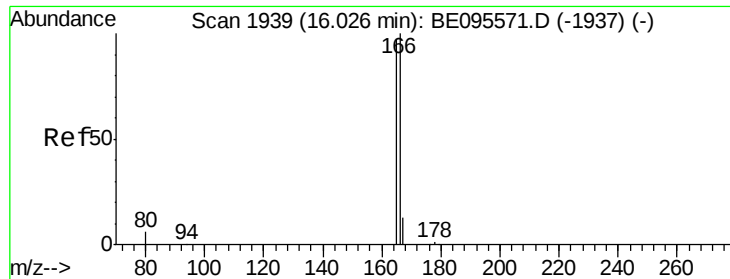
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#8
Acenaphthene
Concen: 1.203 ng/ul
RT: 15.07 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE095574.D
Acq: 8 Feb 2018 18:07

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.6	36.0	54.0
154	84.5	72.0	108.0





#9

Fluorene

Concen: 1.584 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095574.D

Acq: 8 Feb 2018 18:07

Instrument :

BNA_E

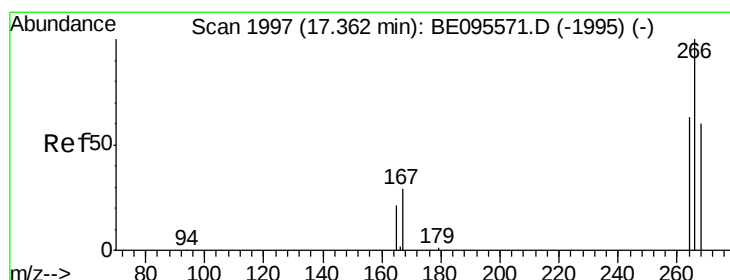
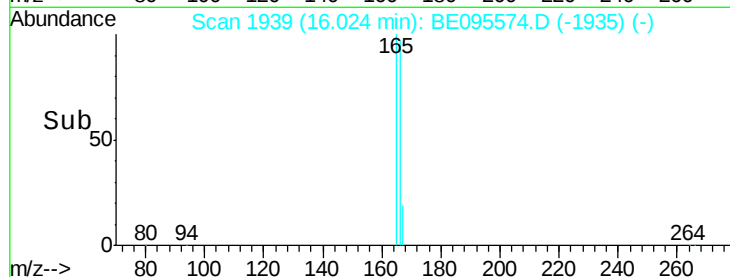
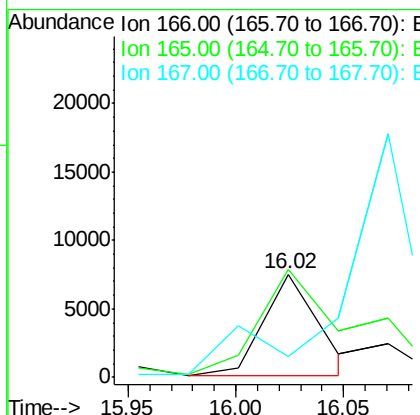
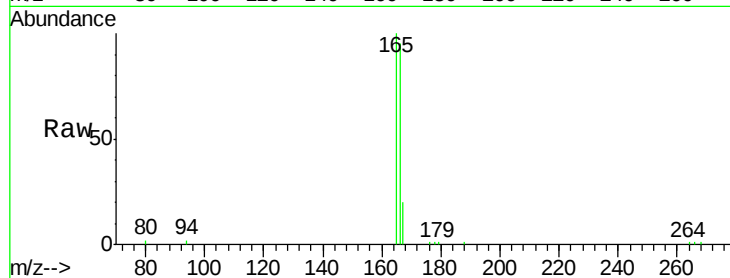
ClientSampleId :

F6C83DL

Tot Ion:	166	Resp:	13025
Ion Ratio	Lower	Upper	
166	100		
165	105.1	73.4	110.2
167	20.8	14.6	22.0

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#11

Pentachlorophenol

Concen: 0.210 ng/ul

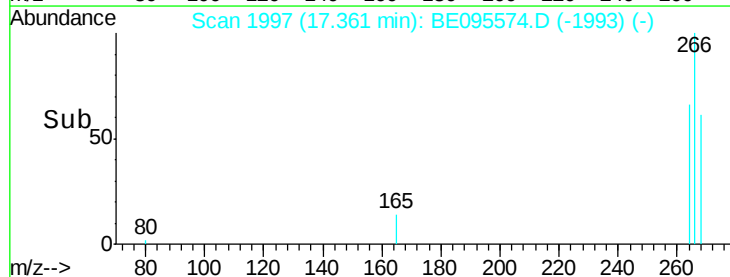
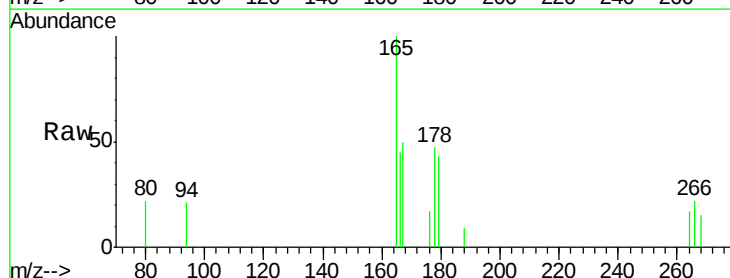
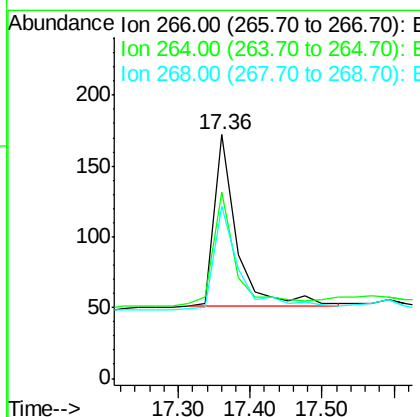
RT: 17.36 min Scan# 1997

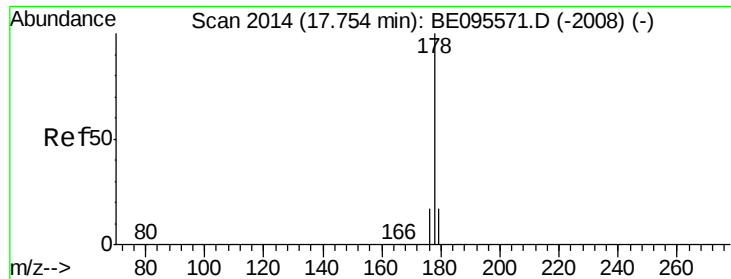
Delta R.T. -0.00 min

Lab File: BE095574.D

Acq: 8 Feb 2018 18:07

Tgt Ion:	266	Resp:	263
Ion Ratio	Lower	Upper	
266	100		
264	60.1	47.9	71.9
268	68.8	49.8	74.8





#12

Phenanthrene

Concen: 0.111 ng/ul m

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095574.D

Acq: 8 Feb 2018 18:07

Instrument :

BNA_E

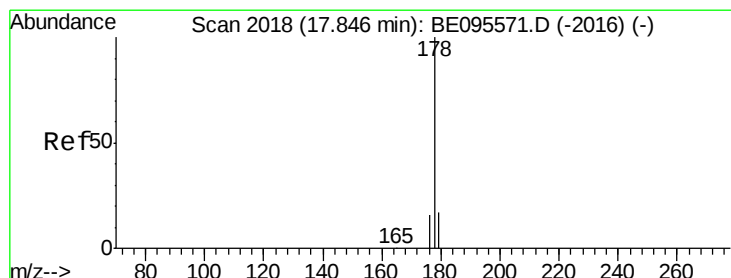
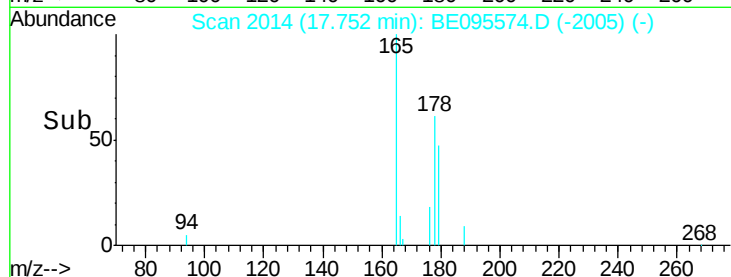
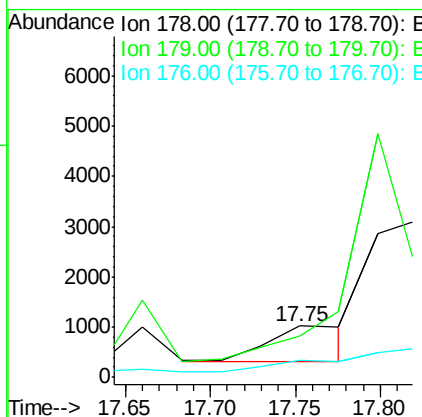
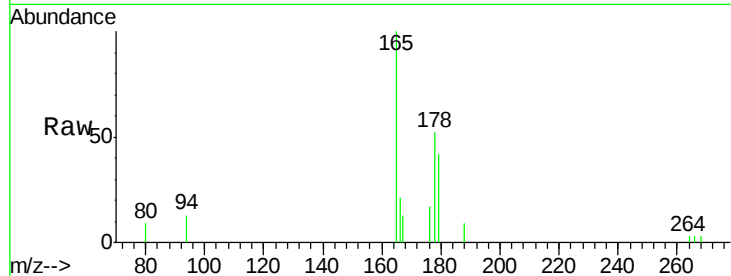
ClientSampled :

F6C83DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	81.4	18.4	27.6#
176	32.6	13.6	20.4#

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#13

Anthracene

Concen: 0.572 ng/ul m

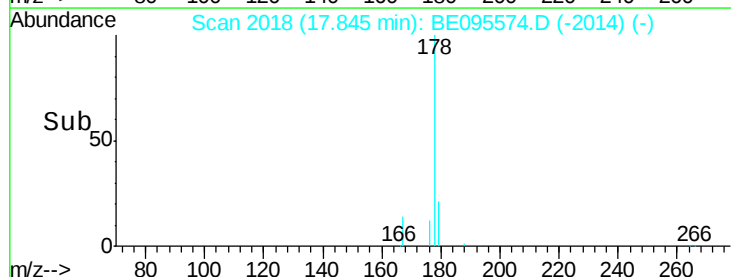
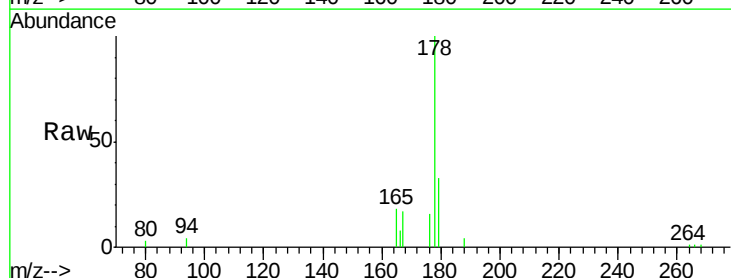
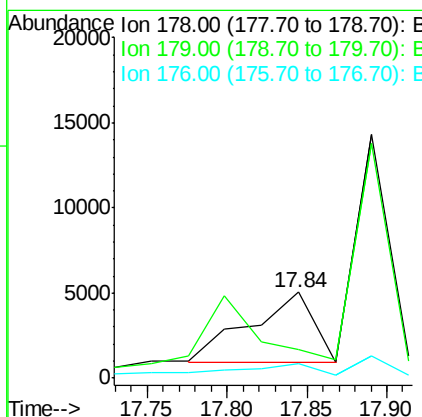
RT: 17.84 min Scan# 2018

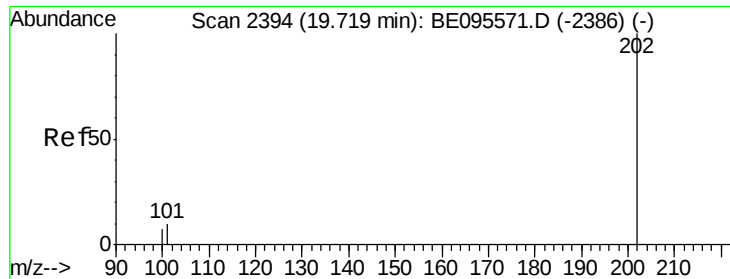
Delta R.T. -0.00 min

Lab File: BE095574.D

Acq: 8 Feb 2018 18:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	33.3	18.1	27.1#
176	16.3	14.7	22.1





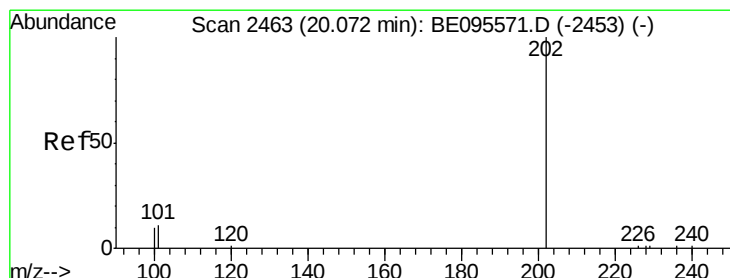
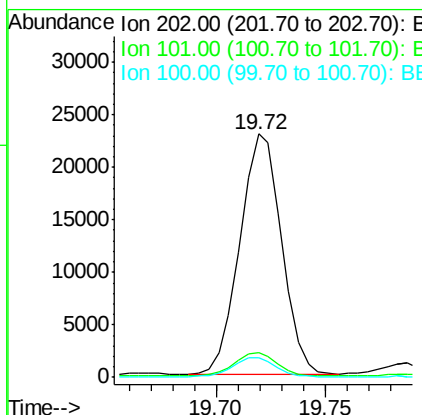
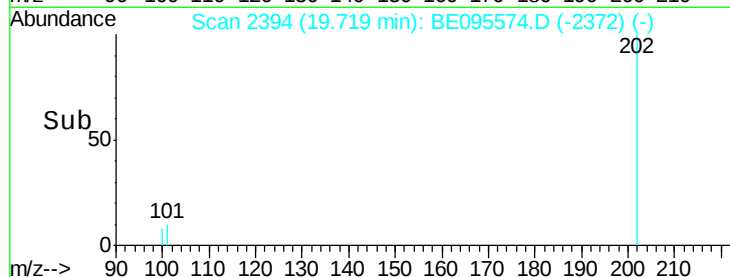
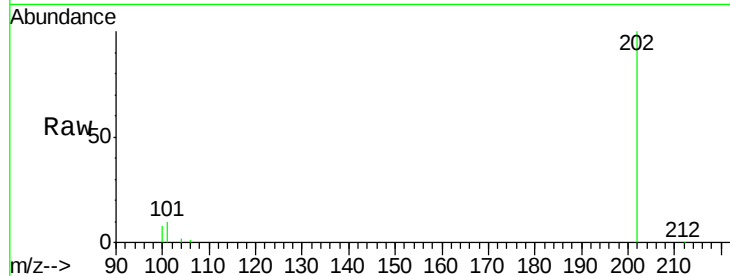
#15
Fluoranthene
Concen: 1.083 ng/ul
RT: 19.72 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BE095574.D
Acq: 8 Feb 2018 18:07

Instrument :
BNA_E
ClientSampleId :
F6C83DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	30487		
101	10.1		0.0	30.3
100	8.2		0.0	39.5

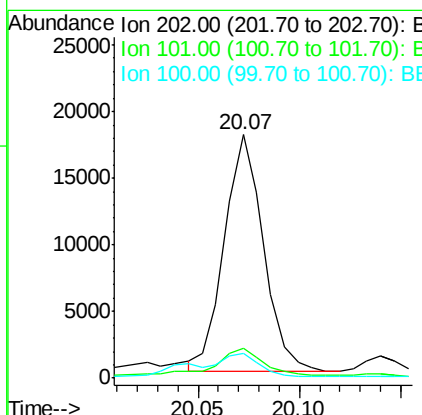
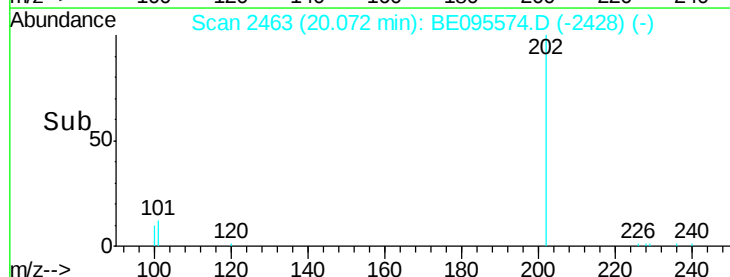
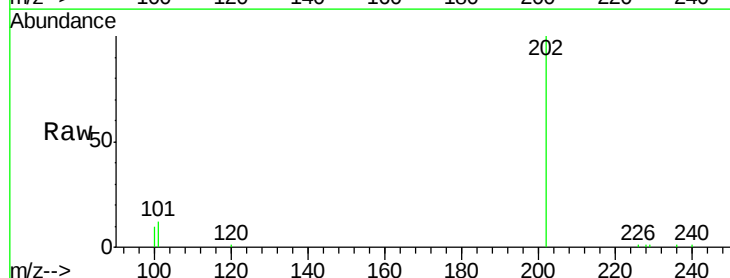
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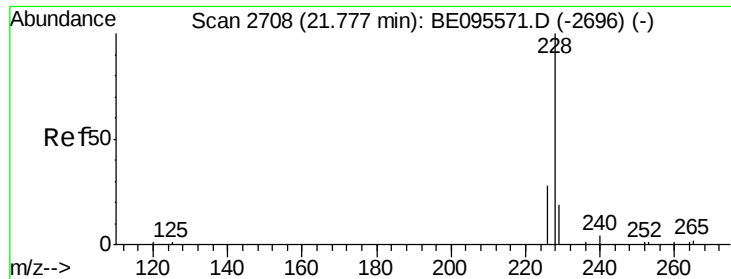
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#17
Pyrene
Concen: 1.075 ng/ul m
RT: 20.07 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BE095574.D
Acq: 8 Feb 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	24105		
101	12.3		18.2	27.4#
100	10.1		15.6	23.4#





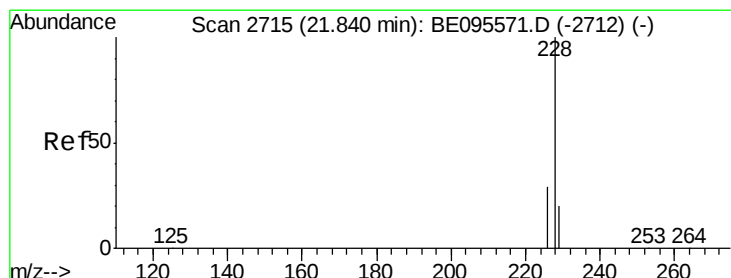
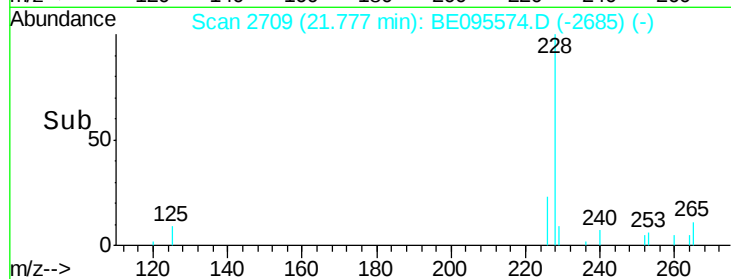
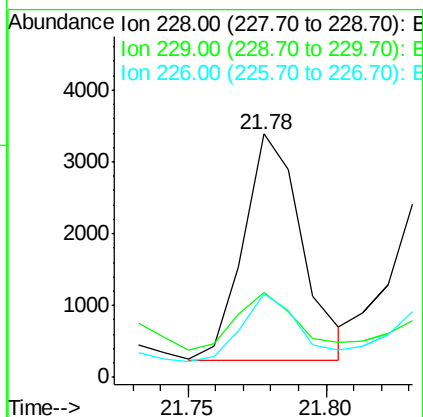
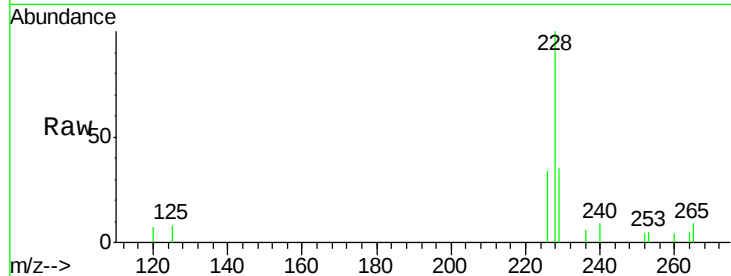
#18
Benzo(a)anthracene
Concen: 0.224 ng/ul
RT: 21.78 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE095574.D
Acq: 8 Feb 2018 18:07

Instrument :
BNA_E
ClientSampleId :
F6C83DL

Tot Ion:228 Resp: 4682
Ion Ratio Lower Upper
228 100
229 34.8 22.8 34.2#
226 34.3 17.0 25.6#

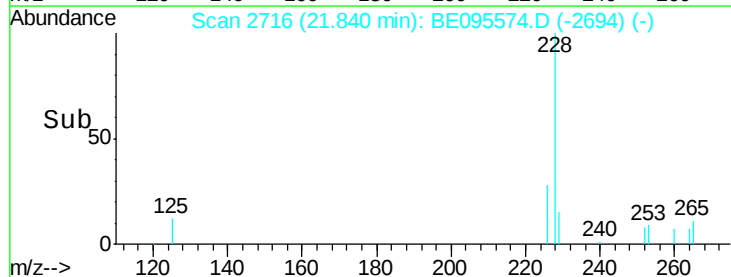
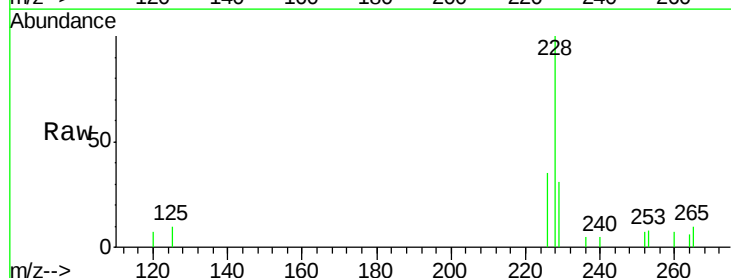
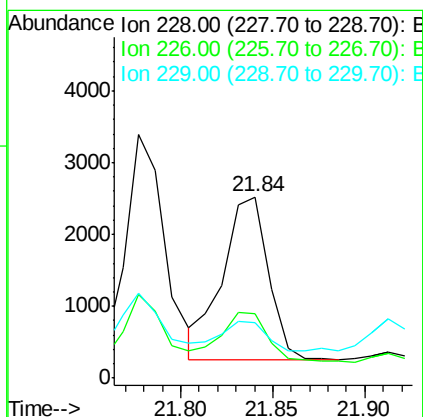
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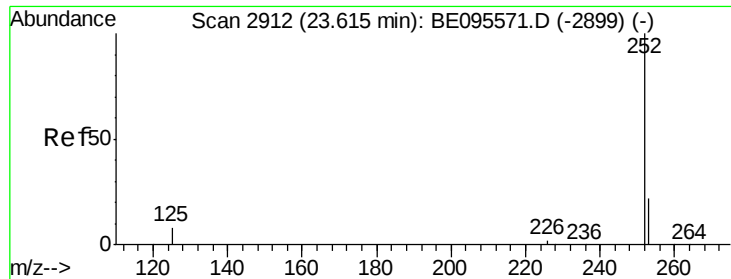
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#19
Chrysene
Concen: 0.182 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095574.D
Acq: 8 Feb 2018 18:07

Tgt Ion:228 Resp: 3953
Ion Ratio Lower Upper
228 100
226 35.2 23.4 35.0#
229 30.6 17.7 26.5#





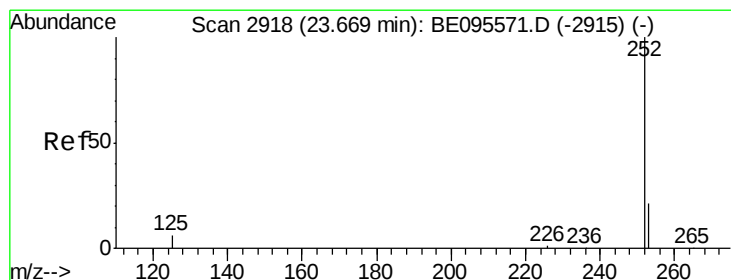
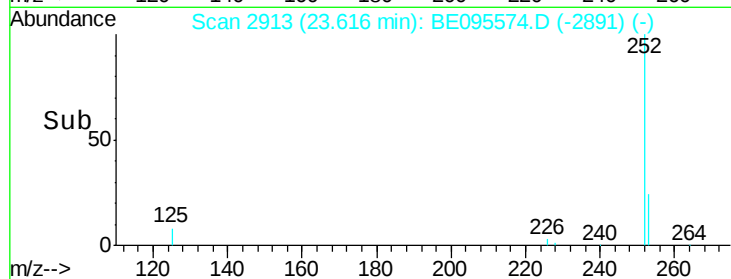
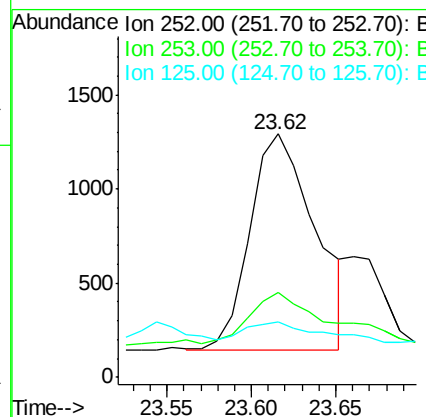
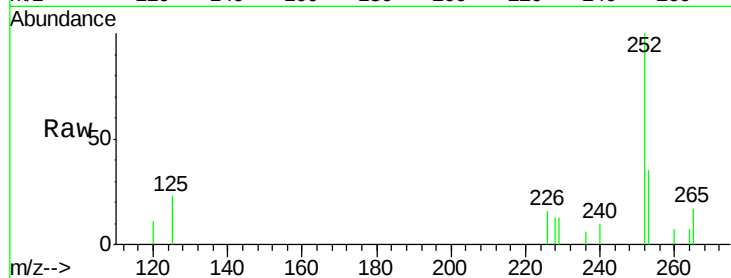
#21
Benzo(b)fluoranthene
Concen: 0.132 ng/ul m
RT: 23.62 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BE095574.D
Acq: 8 Feb 2018 18:07

Instrument :
BNA_E
ClientSampleId :
F6C83DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.8	0.0	64.2
125	22.6	0.0	35.0

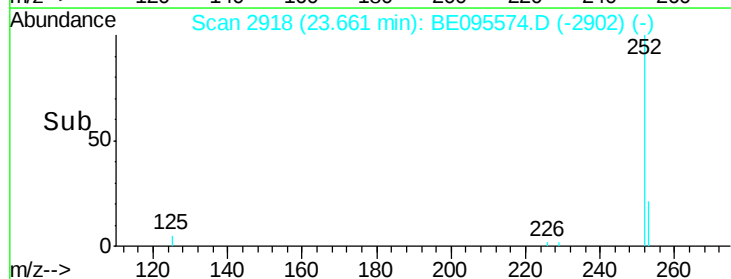
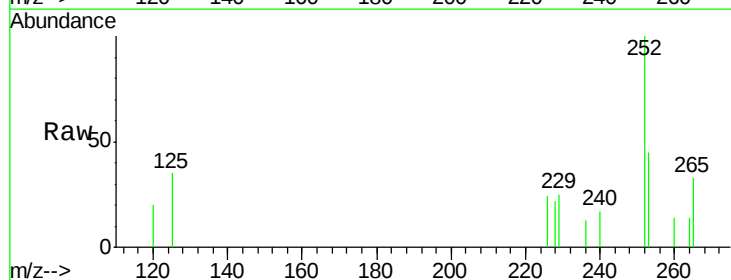
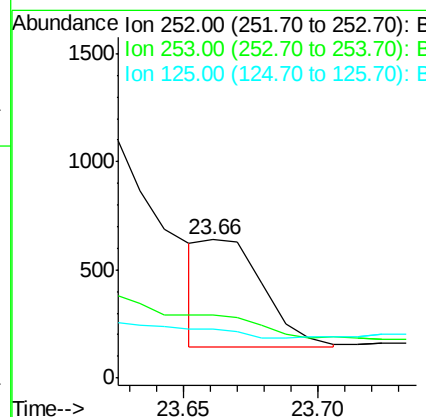
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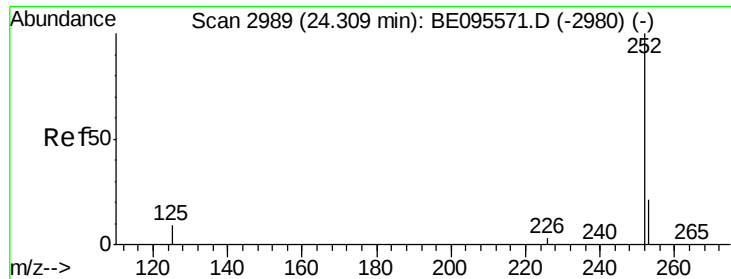
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#22
Benzo(k)fluoranthene
Concen: 0.036 ng/ul m
RT: 23.66 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BE095574.D
Acq: 8 Feb 2018 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.2	24.5	36.7#
125	35.2	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.081 ng/ul m

RT: 24.31 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BE095574.D

Acq: 8 Feb 2018 18:07

Instrument :

BNA_E

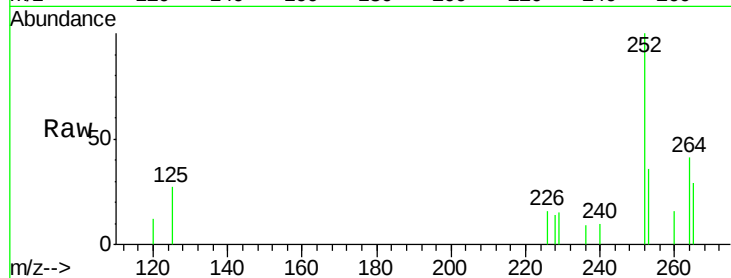
ClientSampleId :

F6C83DL

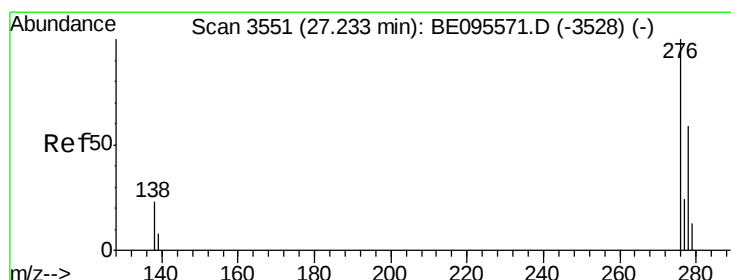
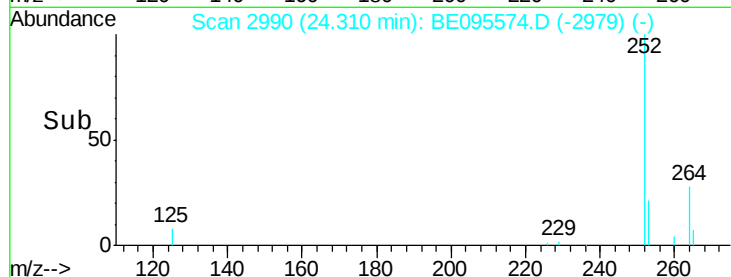
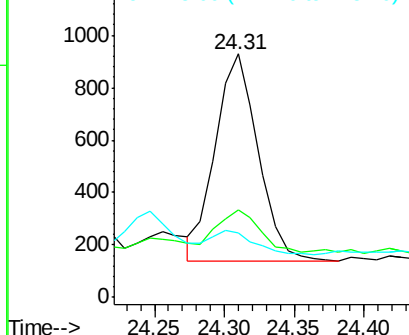
Tot Ion:	252	Resp:	1684
Ion Ratio	Lower	Upper	
252	100		
253	36.0	28.5	42.7
125	26.7	18.1	27.1

Manual Integrations
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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: 0.028 ng/ul

RT: 27.23 min Scan# 3552

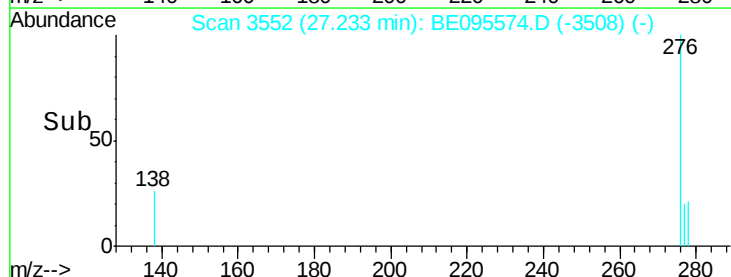
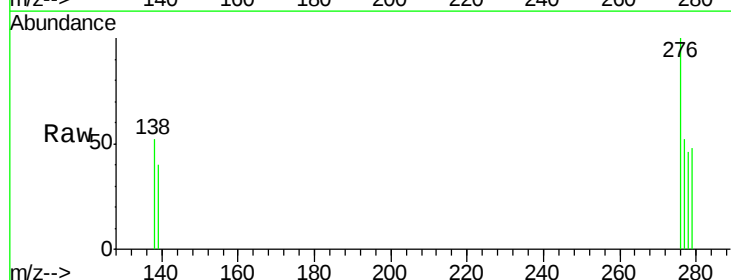
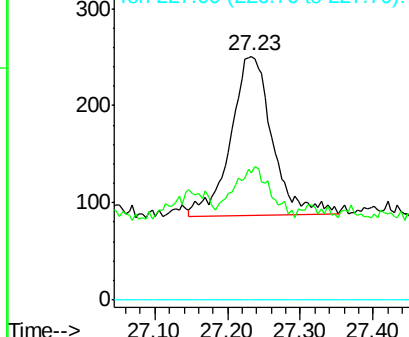
Delta R.T. -0.00 min

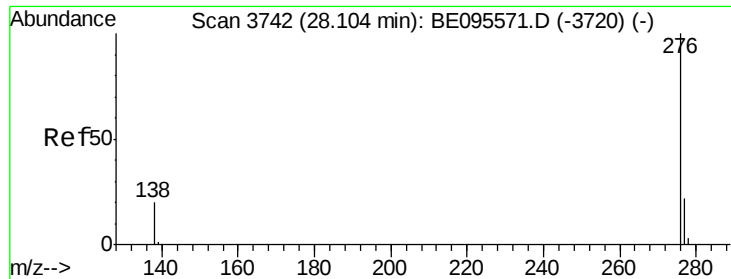
Lab File: BE095574.D

Acq: 8 Feb 2018 18:07

Tgt Ion:	276	Resp:	645
Ion Ratio	Lower	Upper	
276	100		
138	29.1	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





#26
 Benzo(a,h,i)perylene
 Concen: 0.022 ng/ul
 RT: 28.11 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: BE095574.D
 Acq: 8 Feb 2018 18:07

Instrument :
 BNA_E
 ClientSampleId :
 F6C83DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	57.4	21.8	32.8#
277	60.0	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 2/13/2018 4:46:00 AM

