

Data Path : U:\HPCHEM1\BNA E\DATA\BE020218\
 Data File : BE095404.D
 Acq On : 2 Feb 2018 19:24
 Operator : SJ/JU
 Sample : J1244-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B43DL

Manual Integrations
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Sohil
 2/5/2018 5:48:08 PM

Quant Time: Feb 03 05:15:26 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 03 04:31:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1380m	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5720	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3658	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7514	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7870	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7778	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	493	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	1245	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	97945	6.115	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	53531	5.005	ng/ul	100
7) Acenaphthylene	14.74	152	939	0.053	ng/ul#	66
8) Acenaphthene	15.08	153	42615	3.121	ng/ul	95
9) Fluorene	16.02	166	35775	2.541	ng/ul#	82
11) Pentachlorophenol	17.36	266	11204	7.698	ng/ul	97
12) Phenanthrene	17.75	178	166326	6.582	ng/ul#	88
13) Anthracene	17.85	178	22427	0.970	ng/ul#	92
15) Fluoranthene	19.72	202	96592	2.952	ng/ul	82
17) Pyrene	20.08	202	79675	3.017	ng/ul#	76
18) Benzo(a)anthracene	21.79	228	14572	0.592	ng/ul#	87
19) Chrysene	21.84	228	10885	0.426	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	7454m	0.272	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	2636m	0.105	ng/ul	
23) Benzo(a)pyrene	24.32	252	3724m	0.152	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	1263	0.047	ng/ul#	77
26) Benzo(a,h,i)perylene	28.12	276	1059	0.047	ng/ul#	80

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

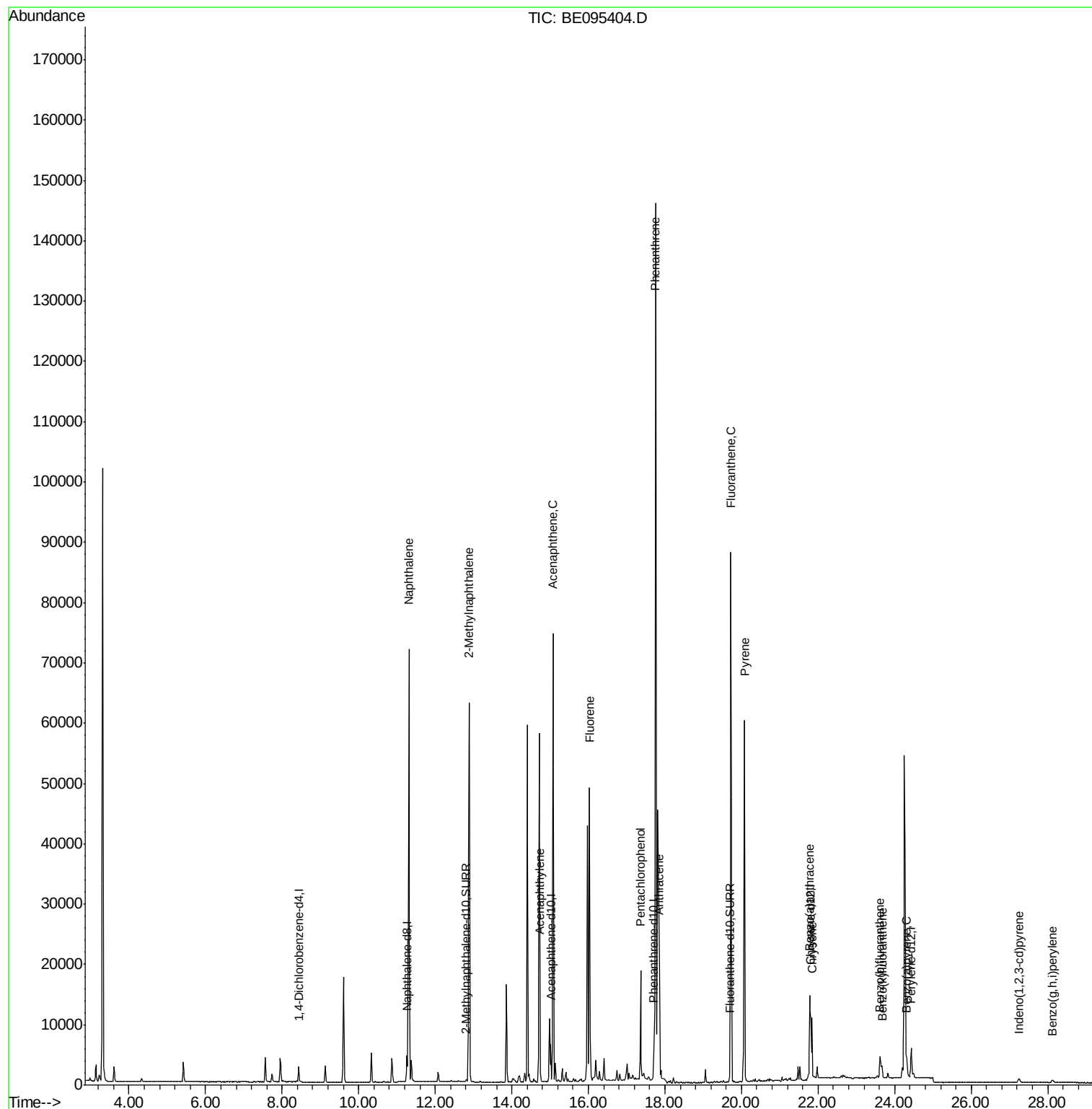
Data Path : U:\HPCHEM1\BNA E\DATA\BE020218\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

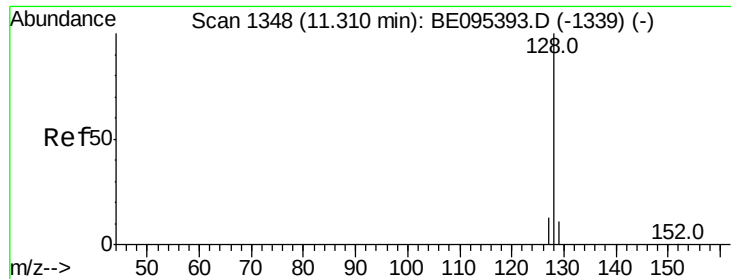
Instrument :
BNA_E
ClientSampleId :
F6B43DL

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#3

Naphthalene

Concen: 6.115 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Instrument :

BNA_E

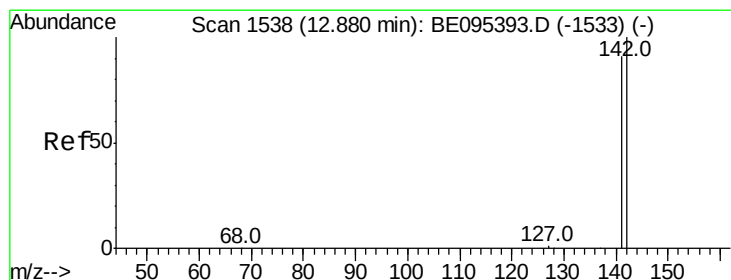
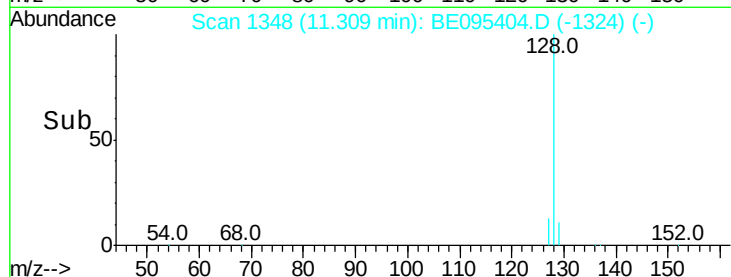
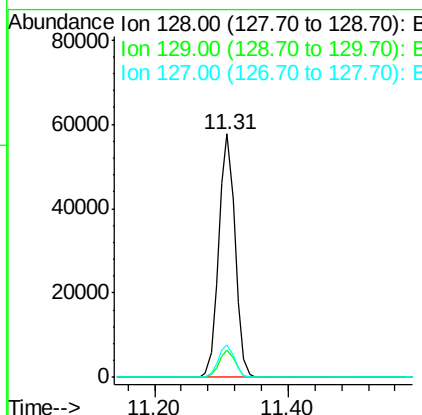
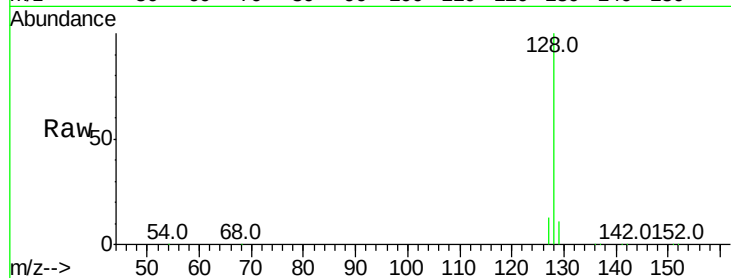
ClientSampleId :

F6B43DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	11.3	16.9#
127	13.4	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 5.005 ng/ul

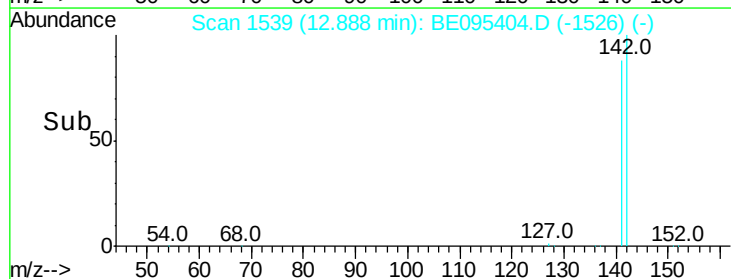
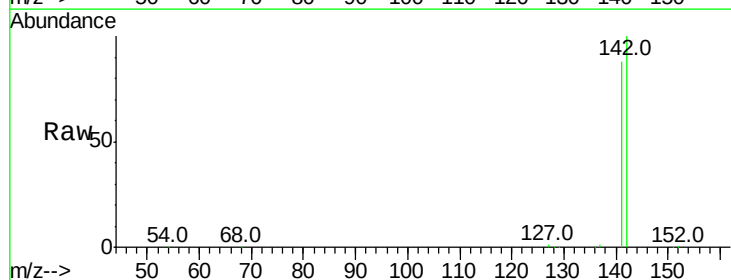
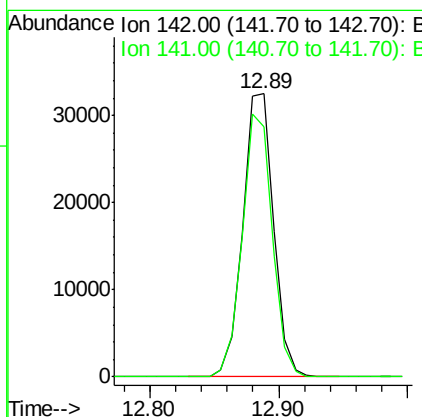
RT: 12.89 min Scan# 1539

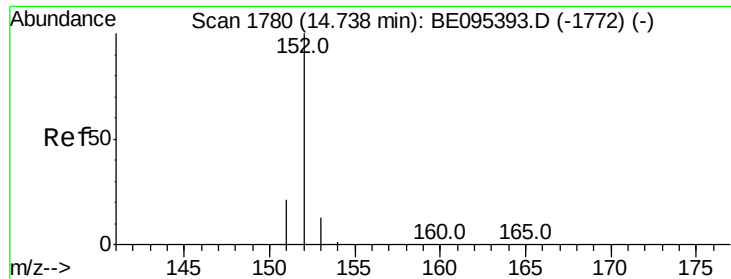
Delta R.T. 0.01 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Instrument :

BNA_E

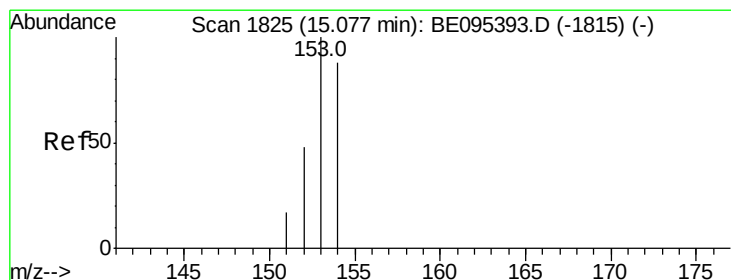
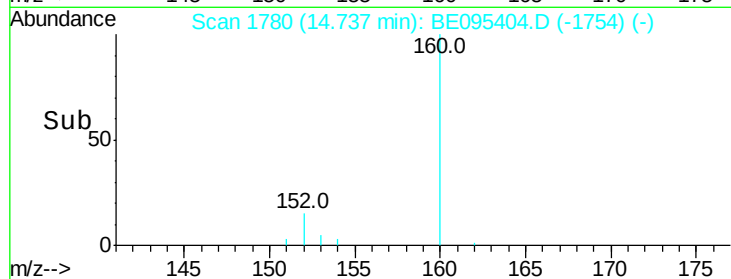
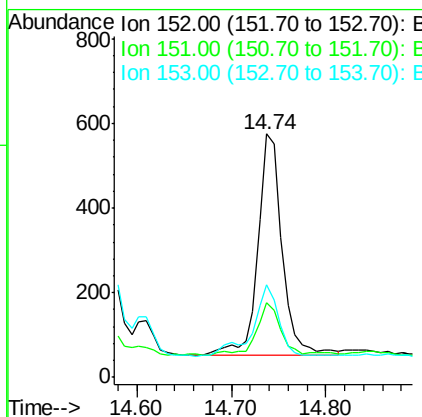
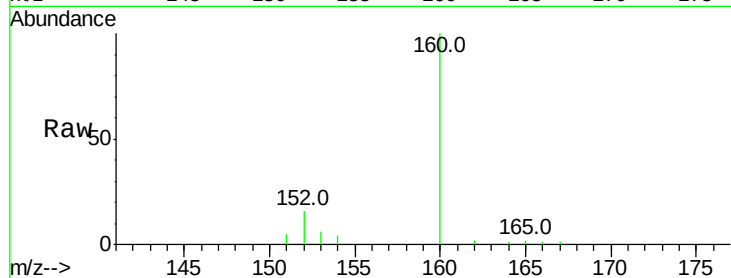
ClientSampleId :

F6B43DL

Tot Ion:	152	Resp:	939
Ion Ratio	Lower	Upper	
152	100		
151	30.8	17.1	25.7#
153	38.3	12.8	19.2#

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#8

Acenaphthene

Concen: 3.121 ng/ul

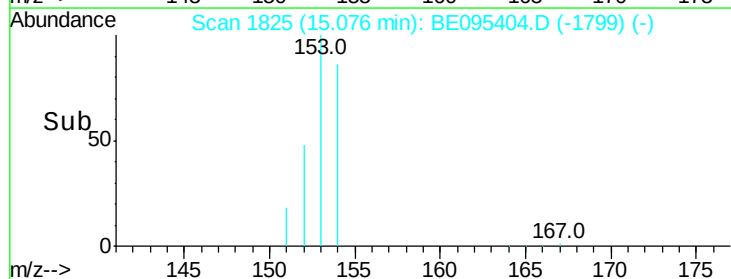
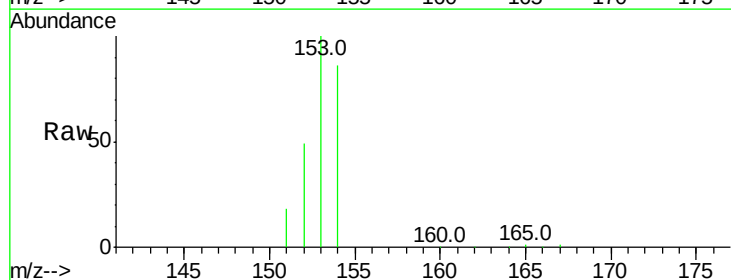
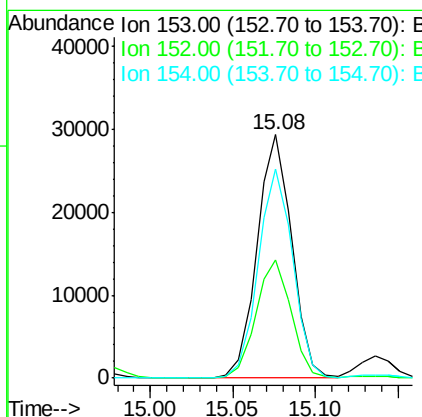
RT: 15.08 min Scan# 1825

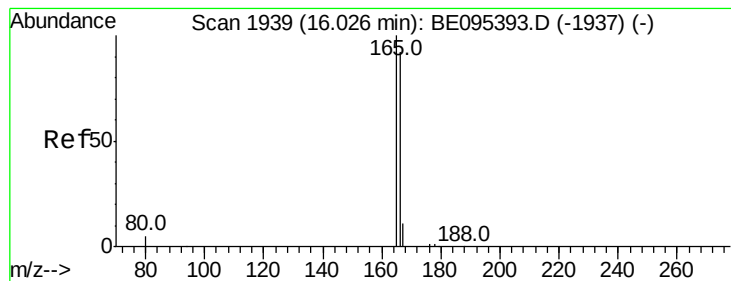
Delta R.T. -0.00 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Tgt Ion:	153	Resp:	42615
Ion Ratio	Lower	Upper	
153	100		
152	48.5	36.0	54.0
154	86.0	72.0	108.0





#9

Fluorene

Concen: 2.541 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Instrument :

BNA_E

ClientSampleId :

F6B43DL

Tot Ion:166 Resp: 35775

Ion Ratio Lower Upper

166 100

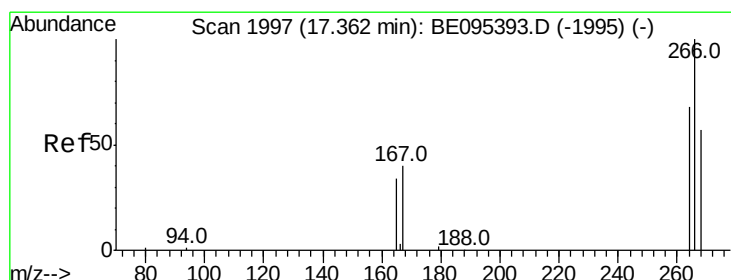
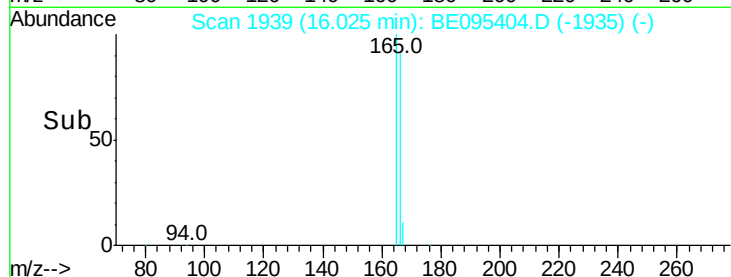
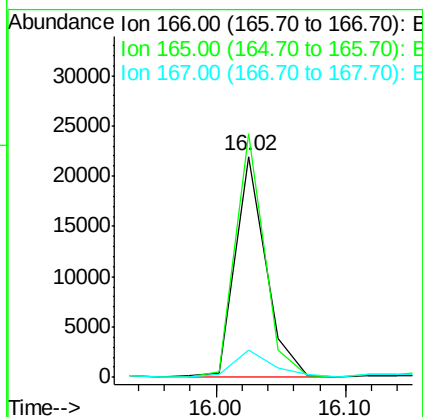
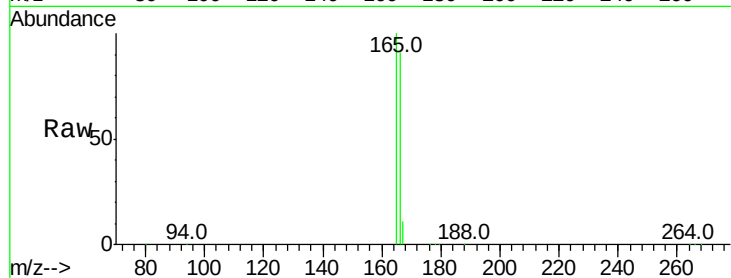
165 110.2 73.4 110.2#

167 12.4 14.6 22.0#

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#11

Pentachlorophenol

Concen: 7.698 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

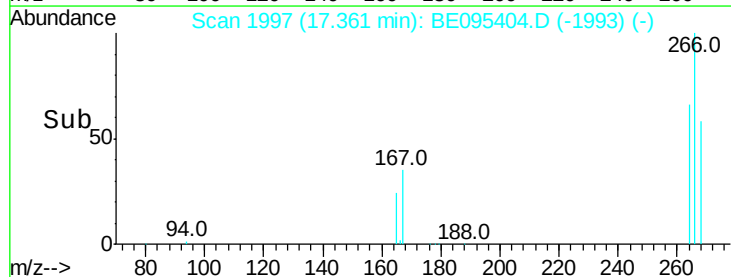
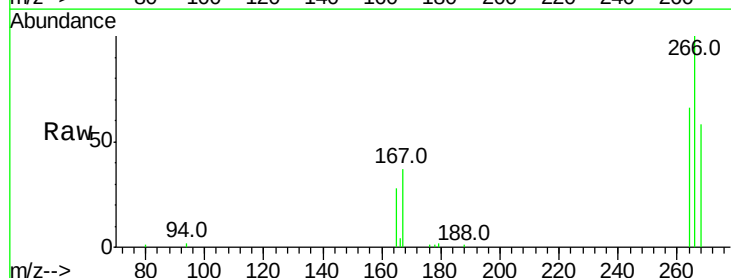
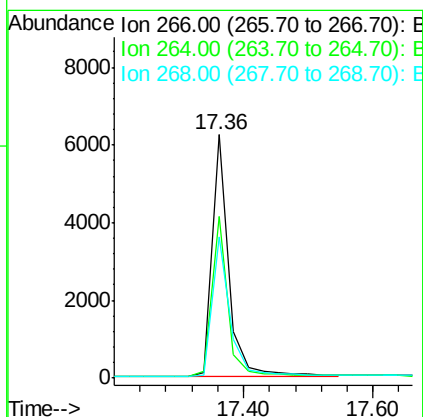
Tgt Ion:266 Resp: 11204

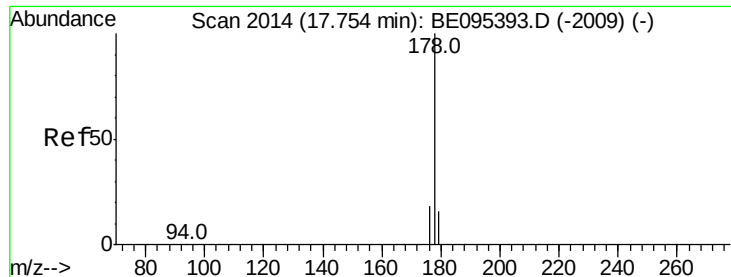
Ion Ratio Lower Upper

266 100

264 64.1 47.9 71.9

268 62.1 49.8 74.8





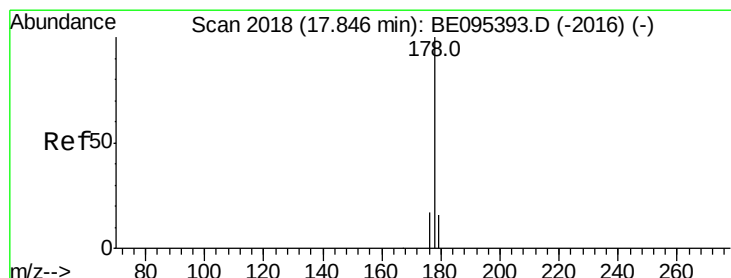
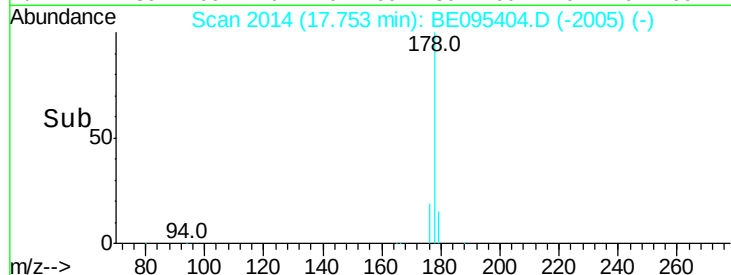
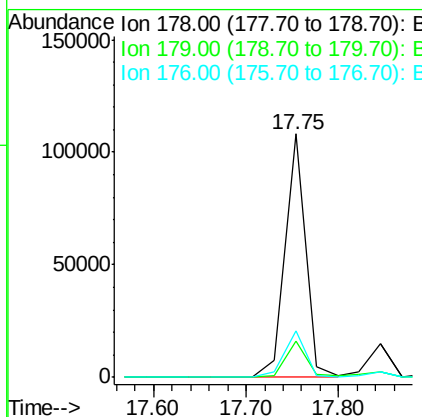
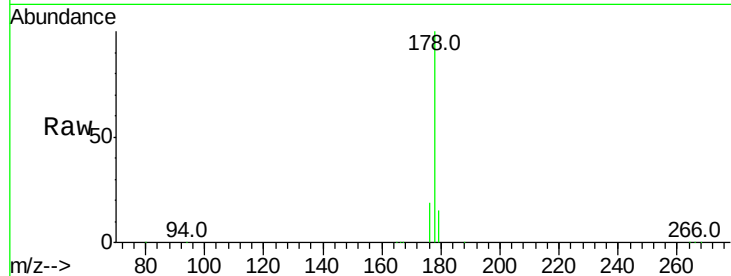
#12
Phenanthrene
Concen: 6.582 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095404.D
Acq: 2 Feb 2018 19:24

Instrument :
BNA_E
ClientSampled :
F6B43DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	19.3	13.6	20.4

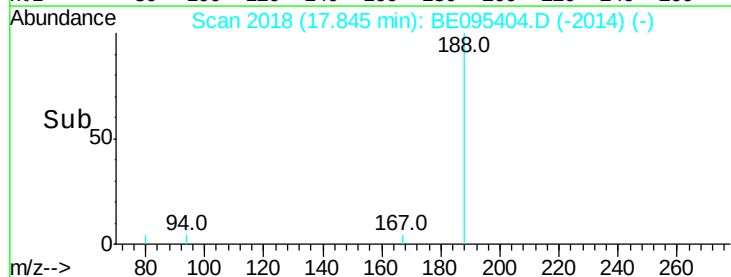
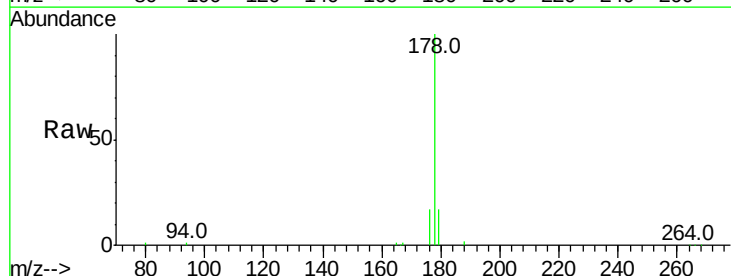
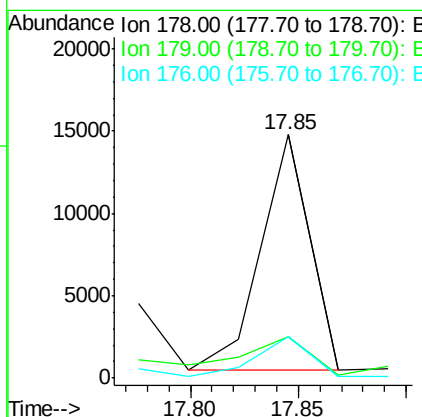
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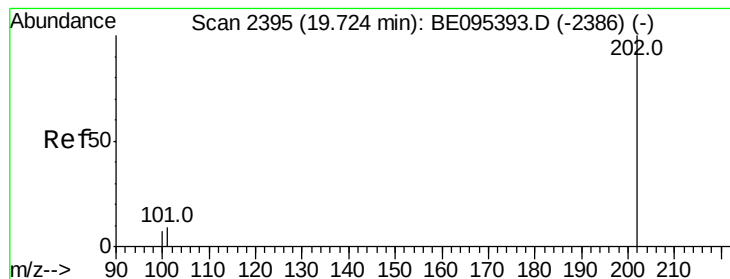
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#13
Anthracene
Concen: 0.970 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095404.D
Acq: 2 Feb 2018 19:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.1	27.1#
176	17.1	14.7	22.1





#15

Fluoranthene

Concen: 2.952 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Instrument :

BNA_E

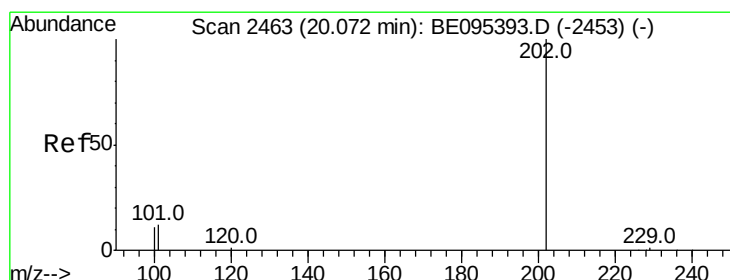
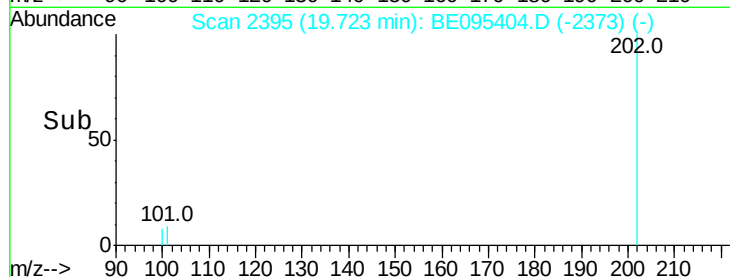
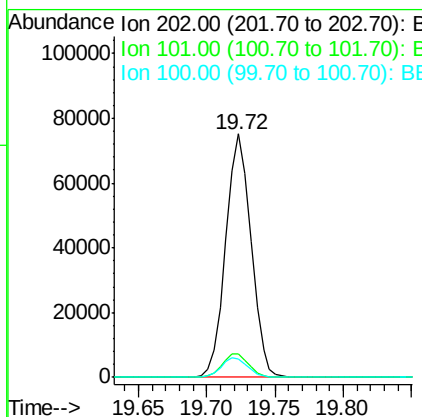
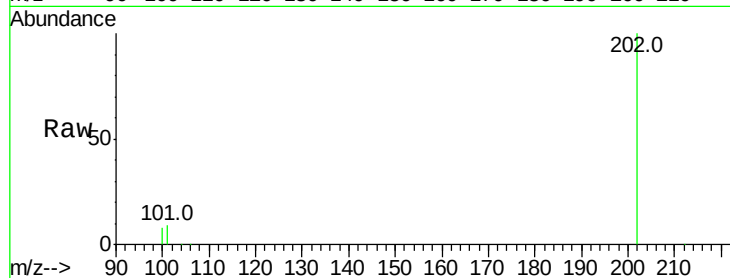
ClientSampled :

F6B43DL

Tot Ion:	202	Resp:	96592
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.3
100	7.7	0.0	39.5

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#17

Pyrene

Concen: 3.017 ng/ul

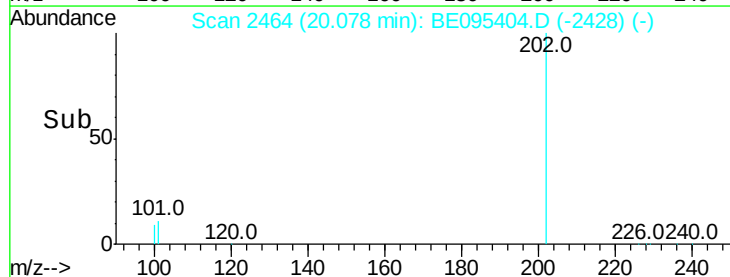
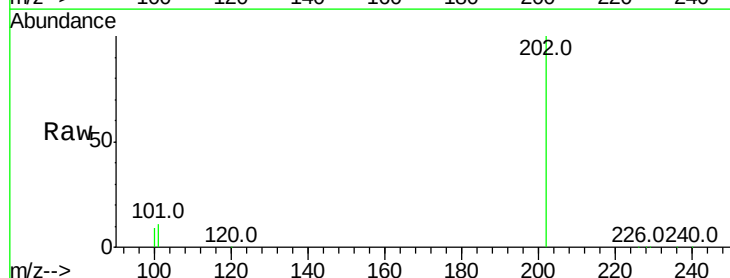
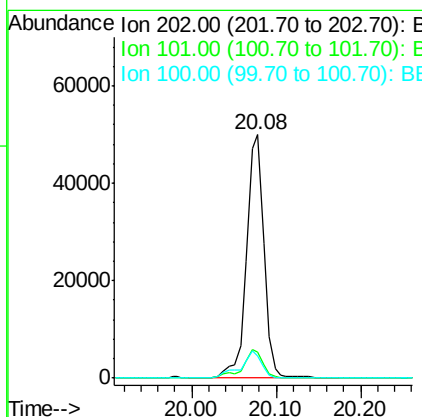
RT: 20.08 min Scan# 2464

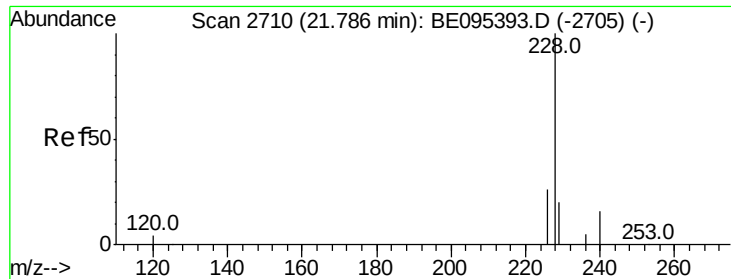
Delta R.T. 0.01 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Tgt Ion:	202	Resp:	79675
Ion Ratio	Lower	Upper	
202	100		
101	10.9	18.2	27.4#
100	9.2	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.592 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Instrument :

BNA_E

ClientSampled :

F6B43DL

Tot Ion:228 Resp: 14572

Ion Ratio Lower Upper

228 100

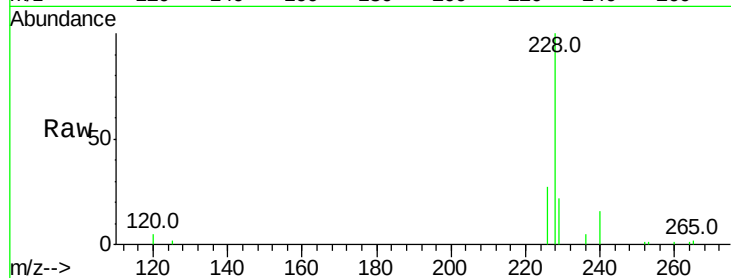
229 21.7 22.8 34.2#

226 27.2 17.0 25.6#

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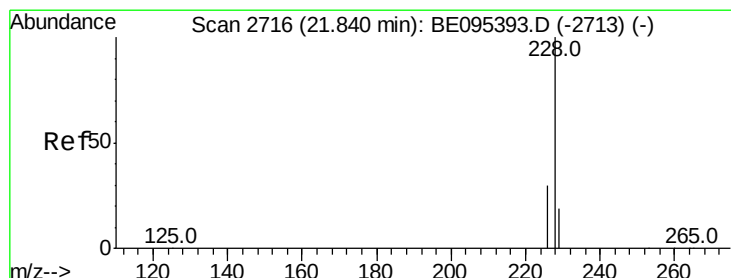
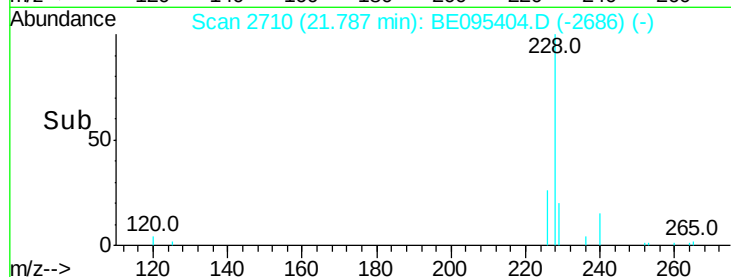
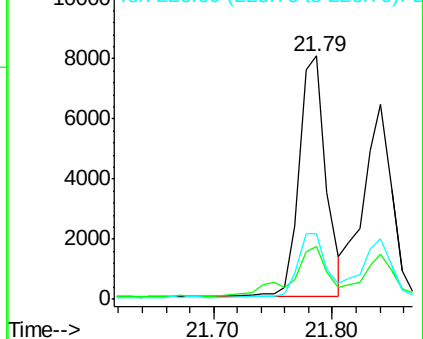
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.426 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Tgt Ion:228 Resp: 10885

Ion Ratio Lower Upper

228 100

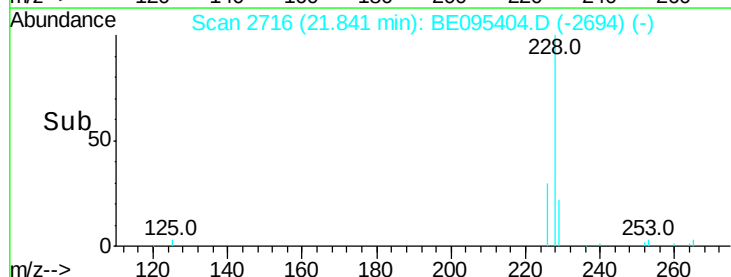
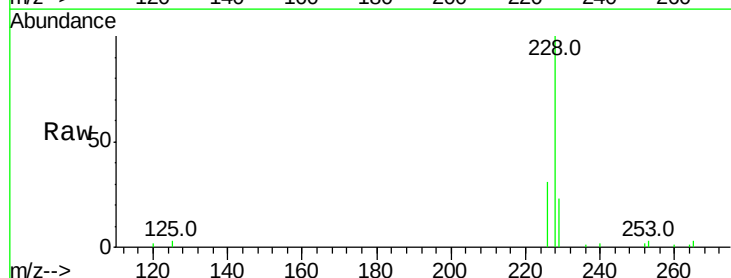
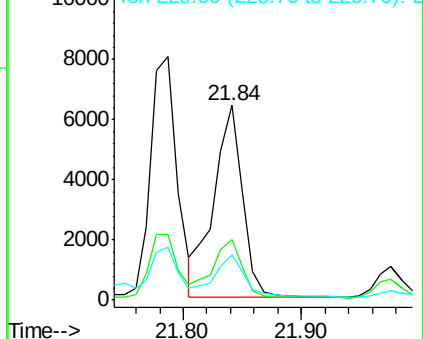
226 30.9 23.4 35.0

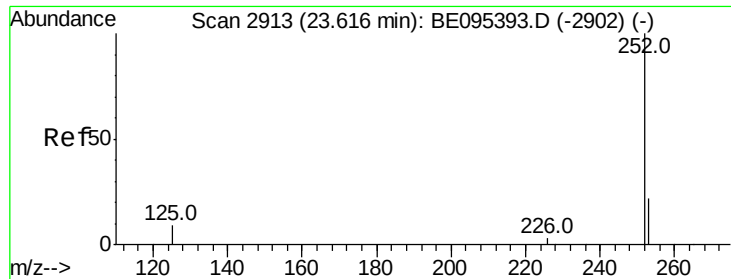
229 23.4 17.7 26.5

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





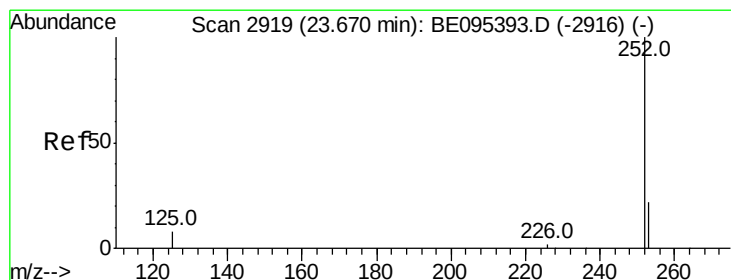
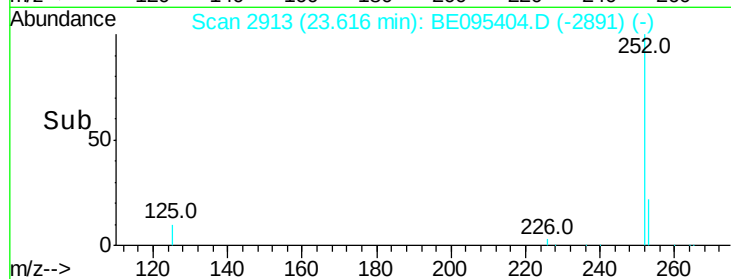
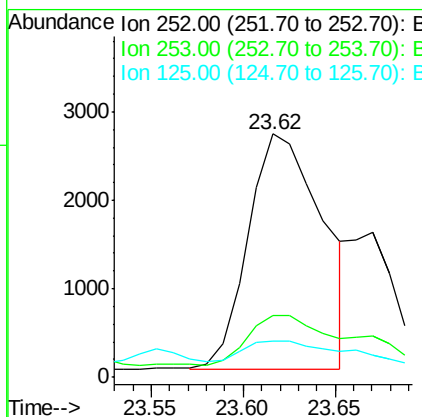
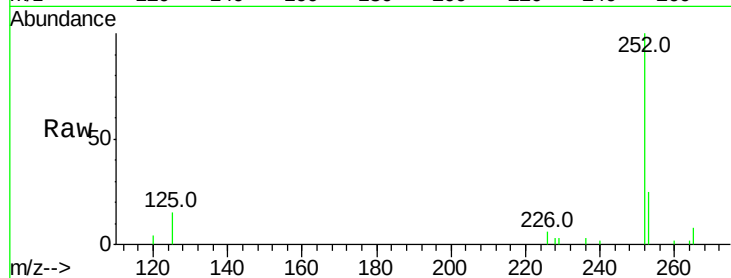
#21
Benzo(b)fluoranthene
Concen: 0.272 ng/ul m
RT: 23.62 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BE095404.D
Acq: 2 Feb 2018 19:24

Instrument :
BNA_E
ClientSampleId :
F6B43DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	64.2
125	14.9	0.0	35.0

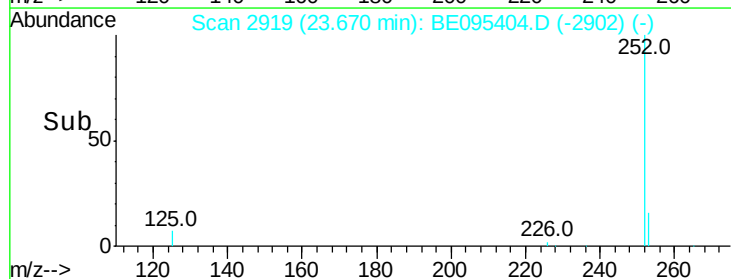
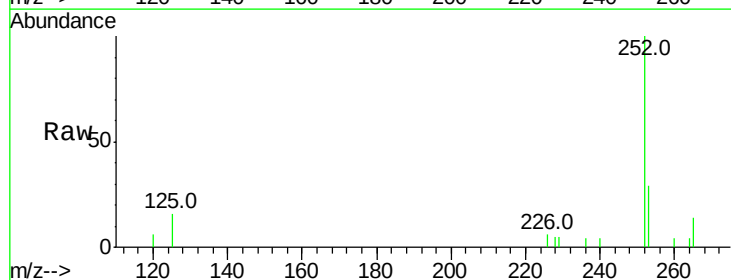
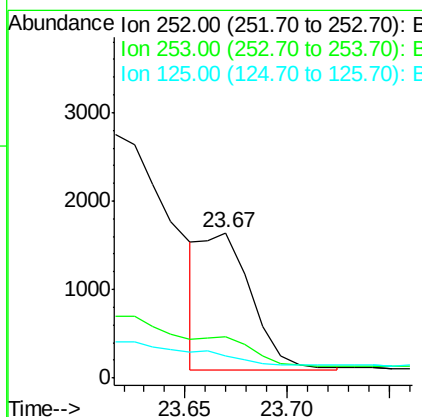
Manual Integrations
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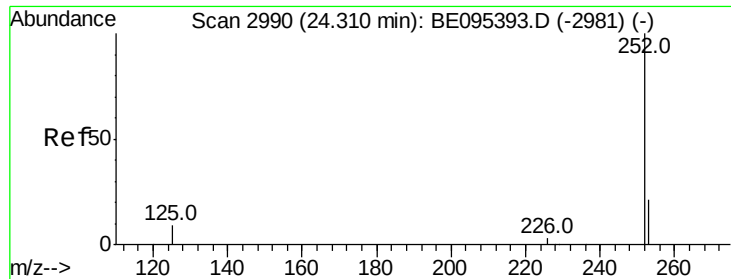
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#22
Benzo(k)fluoranthene
Concen: 0.105 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BE095404.D
Acq: 2 Feb 2018 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	24.5	36.7
125	15.6	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.152 ng/ul m

RT: 24.32 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Instrument :

BNA_E

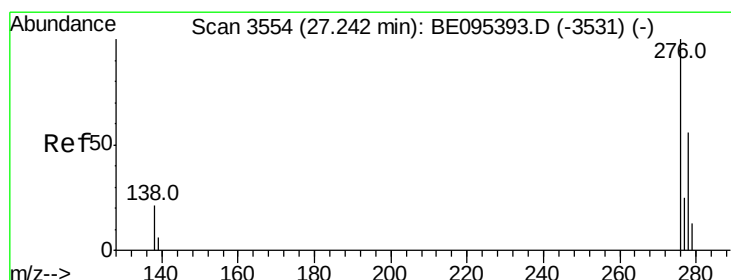
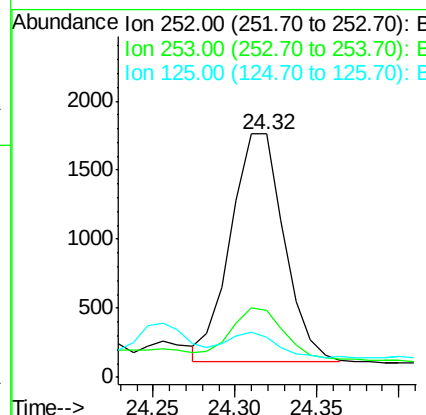
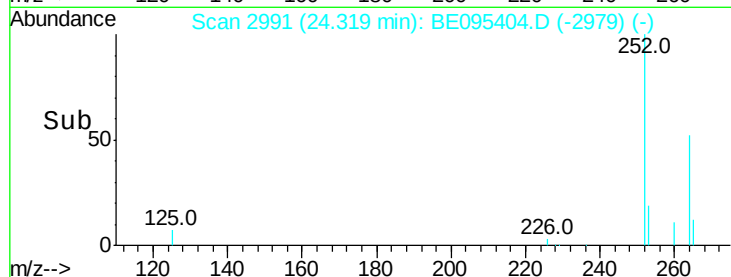
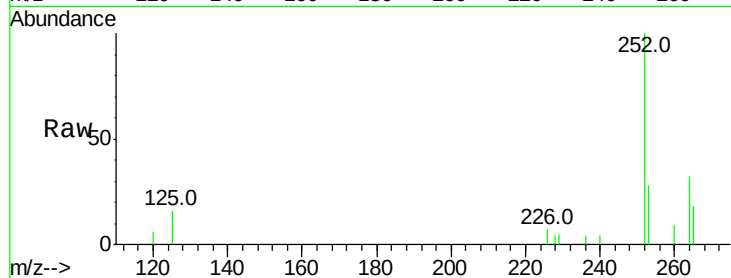
ClientSampleId :

F6B43DL

Tot Ion:	252	Resp:	3724
Ion Ratio	Lower	Upper	
252	100		
253	27.7	28.5	42.7#
125	16.2	18.1	27.1#

Manual Integrations
APPROVED

Sohil
2/5/2018 5:48:08 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.047 ng/ul

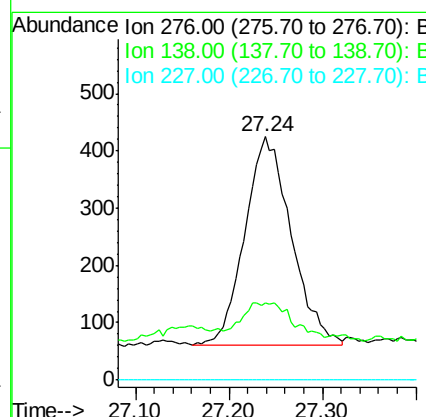
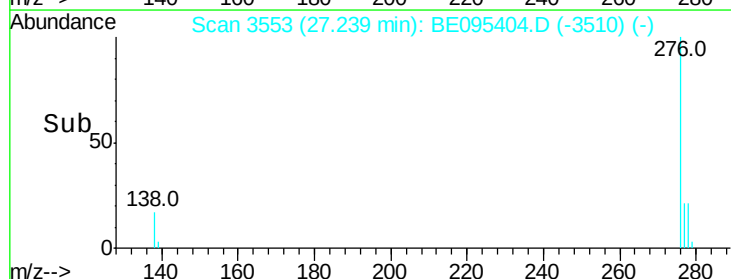
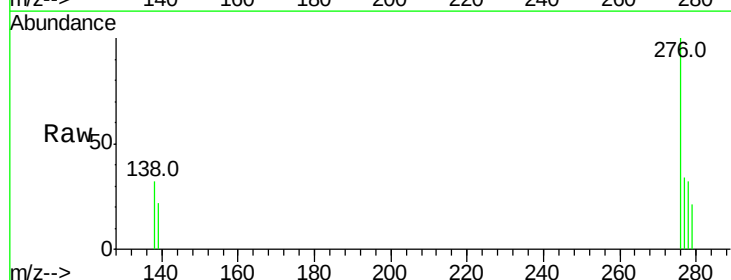
RT: 27.24 min Scan# 3553

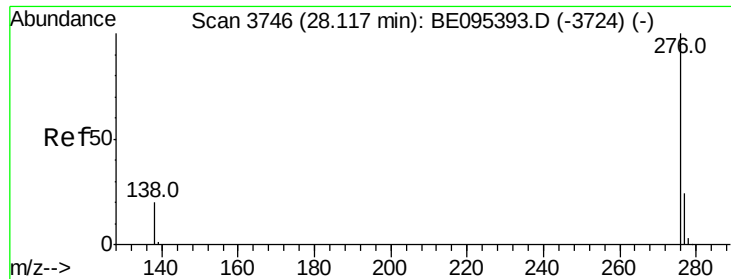
Delta R.T. -0.00 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Tgt Ion:	276	Resp:	1263
Ion Ratio	Lower	Upper	
276	100		
138	22.1	28.0	42.0#
227	0.0	8.0	12.0#





#26

Benzo(a,h,i)perylene

Concen: 0.047 ng/ul

RT: 28.12 min Scan# 3747

Delta R.T. 0.01 min

Lab File: BE095404.D

Acq: 2 Feb 2018 19:24

Instrument :

BNA_E

ClientSampleId :

F6B43DL

Tot Ion:	276	Resp:	1059
Ion Ratio	Lower	Upper	
276	100		
138	36.6	21.8	32.8#
277	37.2	20.5	30.7#

Manual Integrations
APPROVED

Sohil
2/5/2018 5:48:08 PM

