

Data Path : U:\HPCHEM1\BNA E\DATA\BE020218\
 Data File : BE095400.D
 Acq On : 2 Feb 2018 17:00
 Operator : SJ/JU
 Sample : J1244-04DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B45DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 5:47:58 PM

Quant Time: Feb 03 04:41:58 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	1252m	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5271	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3090	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6591	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7055	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7127	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	490	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	1331	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	799	0.054	ng/ul#	79
5) 2-Methylnaphthalene	12.88	142	415	0.042	ng/ul	96
7) Acenaphthylene	14.75	152	2038	0.137	ng/ul	96
8) Acenaphthene	15.08	153	574	0.050	ng/ul#	93
9) Fluorene	16.02	166	482	0.041	ng/ul#	79
11) Pentachlorophenol	17.36	266	4379	3.430	ng/ul	97
12) Phenanthrene	17.75	178	5125	0.231	ng/ul#	90
13) Anthracene	17.84	178	2858	0.141	ng/ul	94
15) Fluoranthene	19.72	202	20940	0.730	ng/ul	83
17) Pyrene	20.07	202	19497	0.824	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	6007	0.272	ng/ul#	90
19) Chrysene	21.84	228	5218	0.228	ng/ul#	89
21) Benzo(b)fluoranthene	23.62	252	8766m	0.349	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	2718m	0.118	ng/ul	
23) Benzo(a)pyrene	24.31	252	3701m	0.165	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	3848	0.156	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.26	278	912	0.045	ng/ul#	29
26) Benzo(g,h,i)perylene	28.12	276	5308	0.255	ng/ul	97

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

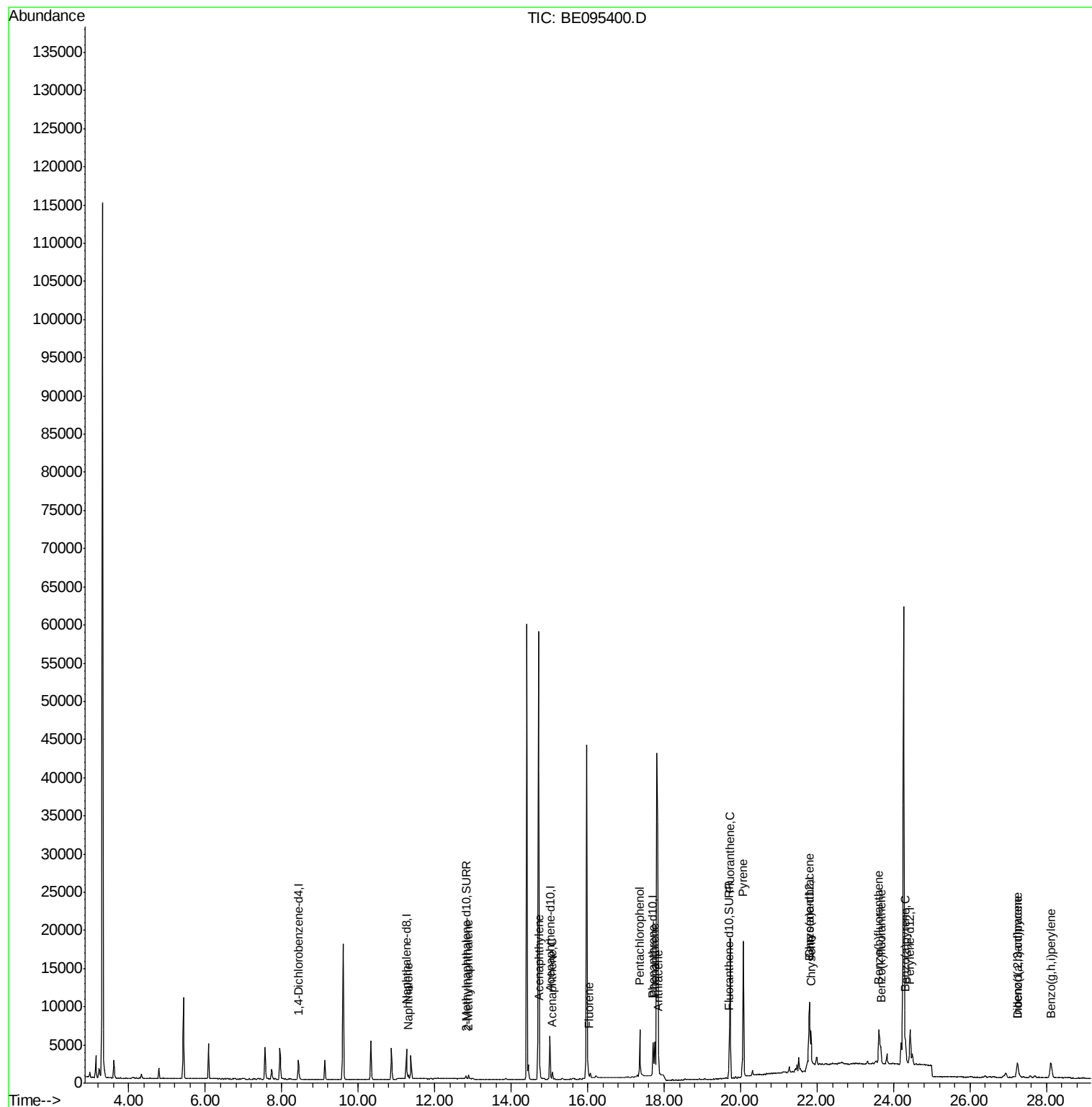
Data Path : U:\HPCHEM1\BNA E\DATA\BE020218\
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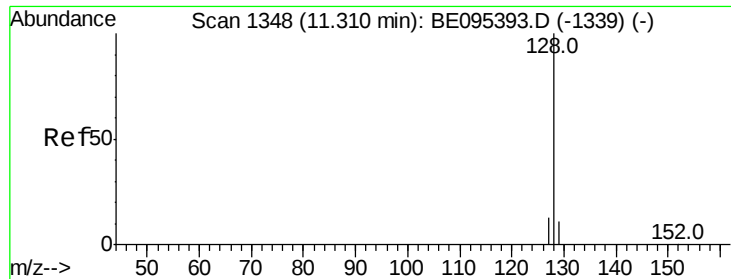
Instrument :
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#3

Naphthalene

Concen: 0.054 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

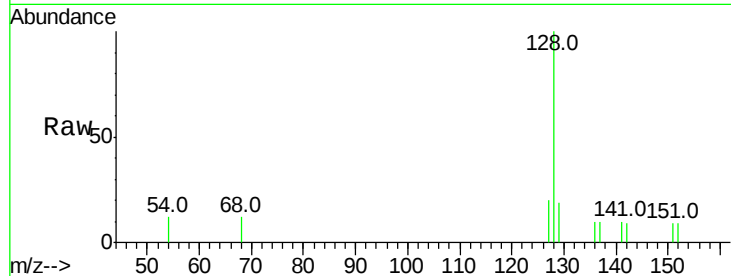
ClientSampleId :

F6B45DL

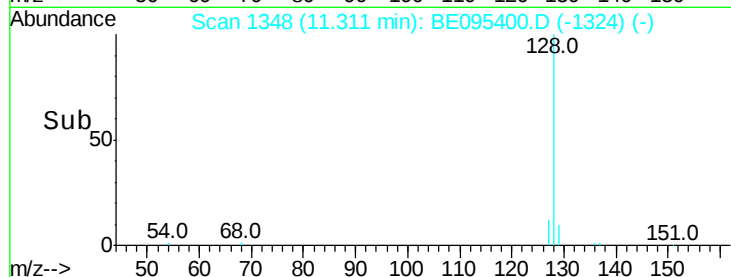
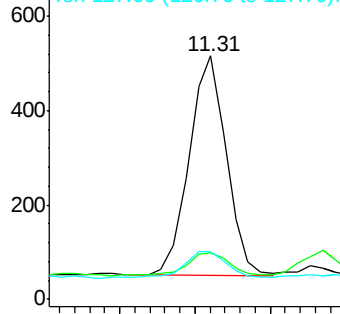
Tot Ion:	128	Resp:	799
Ion Ratio	Lower	Upper	
128	100		
129	19.4	11.3	16.9#
127	19.8	4.0	6.0#

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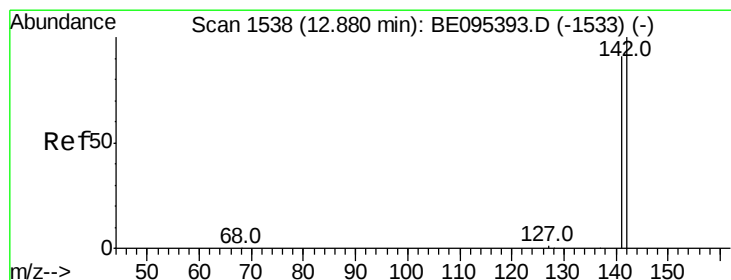
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.042 ng/ul

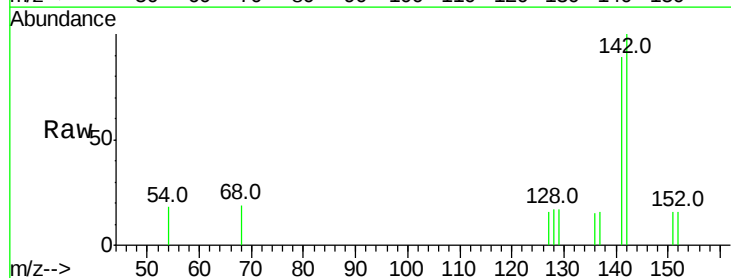
RT: 12.88 min Scan# 1538

Delta R.T. 0.00 min

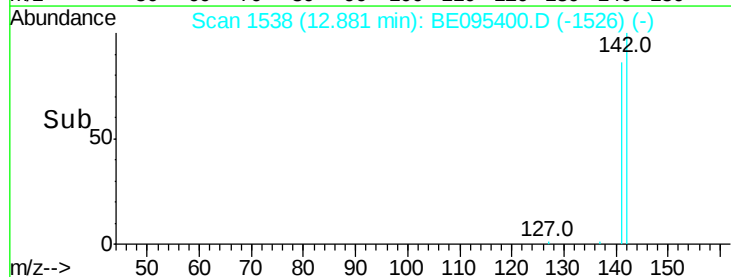
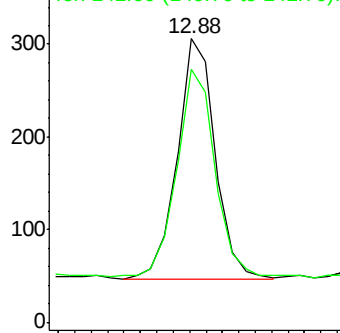
Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

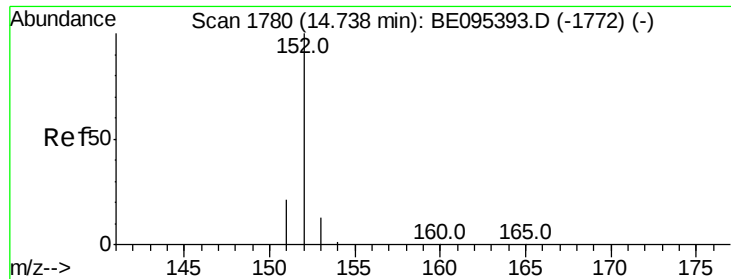
Tgt Ion:	142	Resp:	415
Ion Ratio	Lower	Upper	
142	100		
141	87.2	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->



#7

Acenaphthylene

Concen: 0.137 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

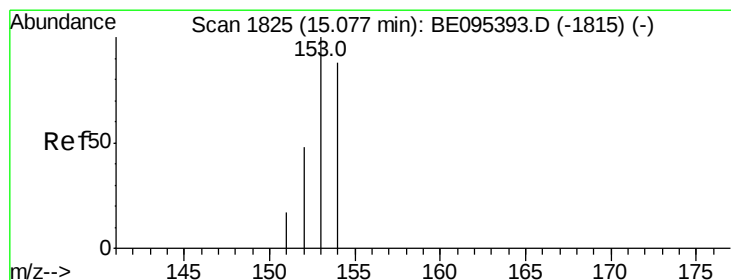
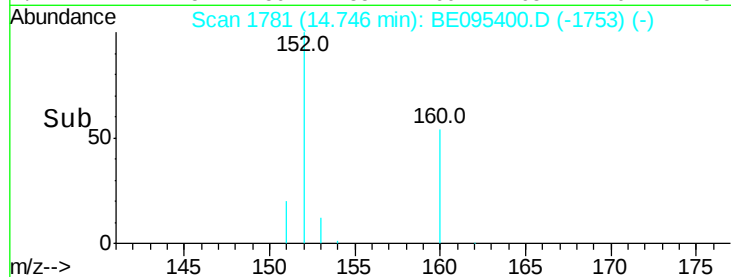
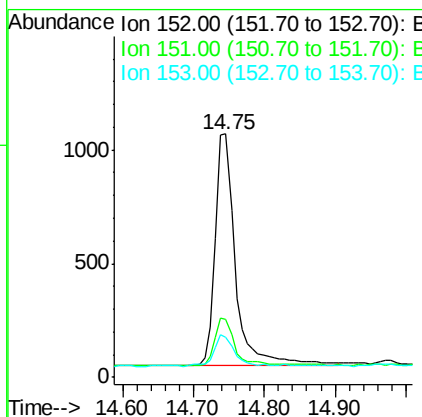
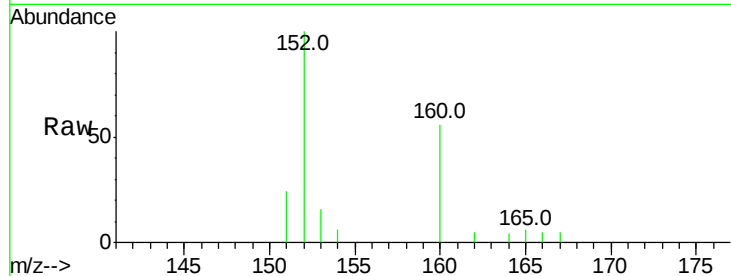
ClientSampleId :

F6B45DL

Tot Ion:	152	Resp:	2038
Ion Ratio	Lower	Upper	
152	100		
151	24.1	17.1	25.7
153	16.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.050 ng/ul

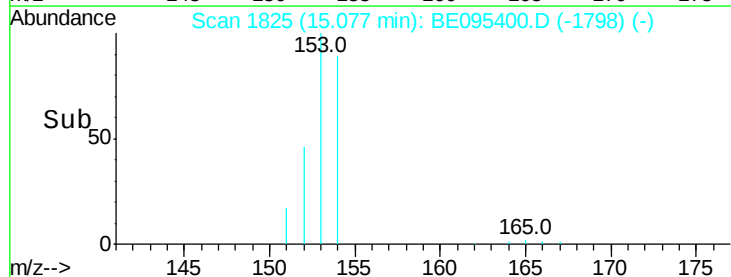
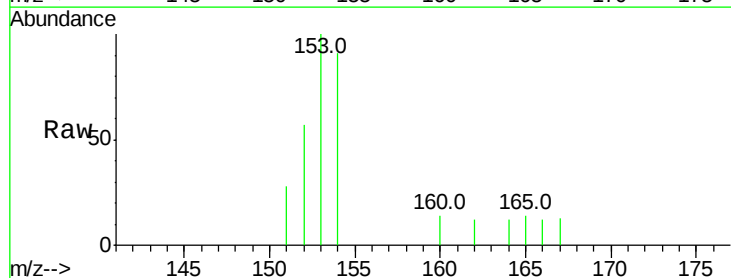
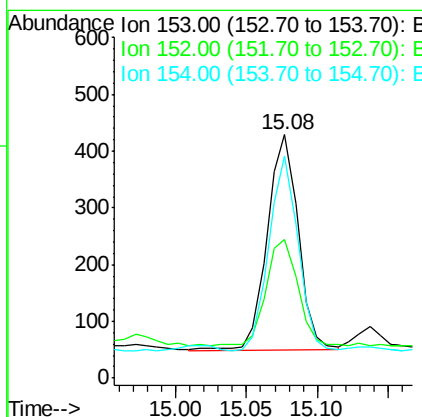
RT: 15.08 min Scan# 1825

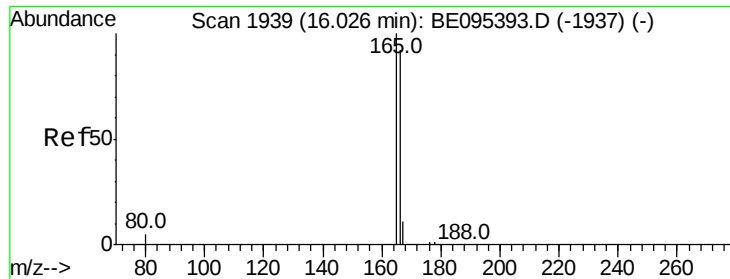
Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Tgt Ion:	153	Resp:	574
Ion Ratio	Lower	Upper	
153	100		
152	57.1	36.0	54.0#
154	91.4	72.0	108.0





#9

Fluorene

Concen: 0.041 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

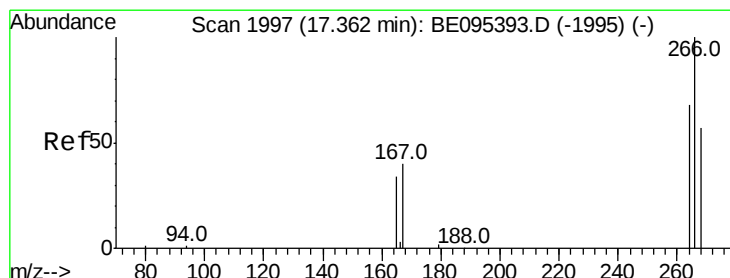
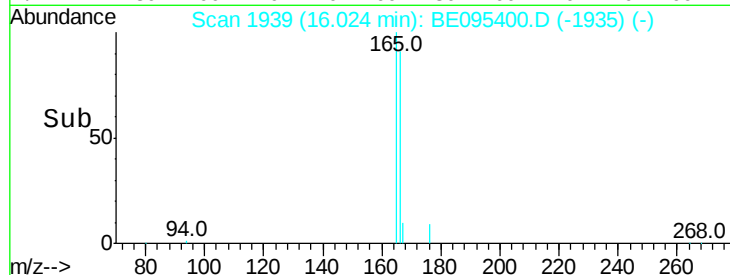
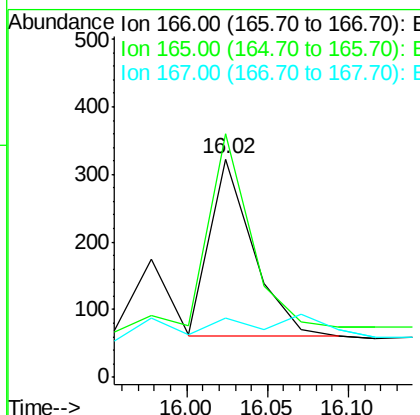
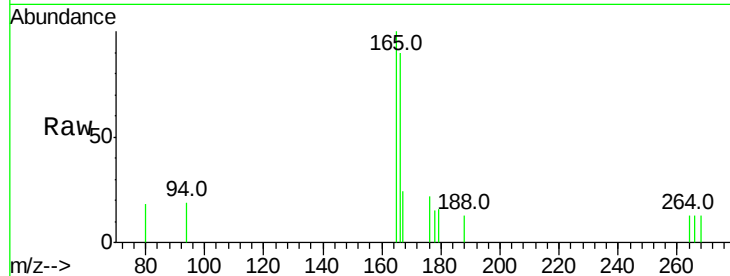
ClientSampleId :

F6B45DL

Tot Ion:	166	Resp:	482
Ion	Ratio	Lower	Upper
166	100		
165	111.5	73.4	110.2#
167	27.2	14.6	22.0#

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#11

Pentachlorophenol

Concen: 3.430 ng/ul

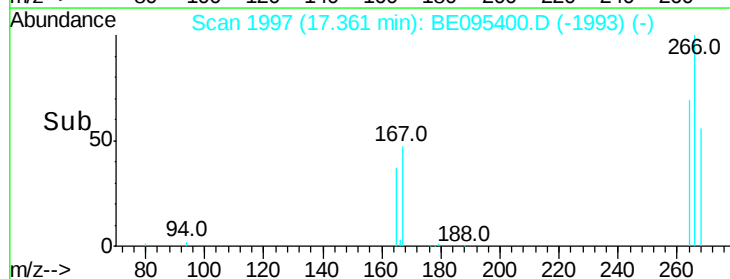
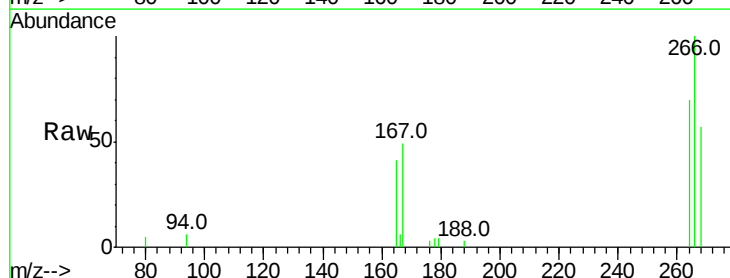
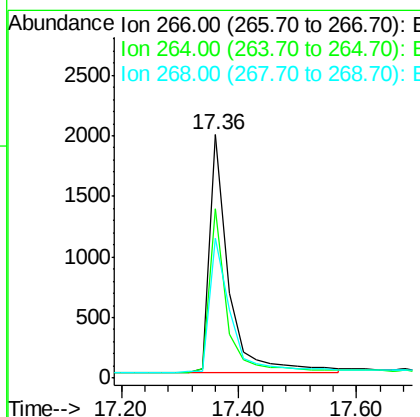
RT: 17.36 min Scan# 1997

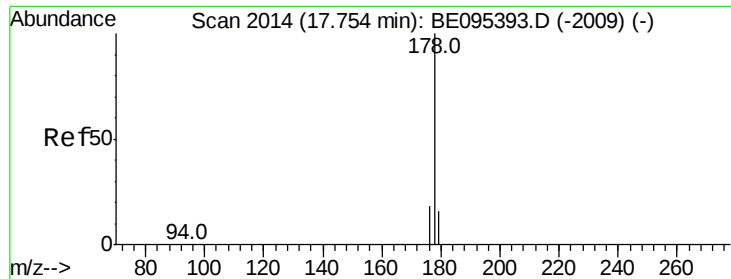
Delta R.T. -0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Tgt Ion:	266	Resp:	4379
Ion	Ratio	Lower	Upper
266	100		
264	63.9	47.9	71.9
268	62.3	49.8	74.8





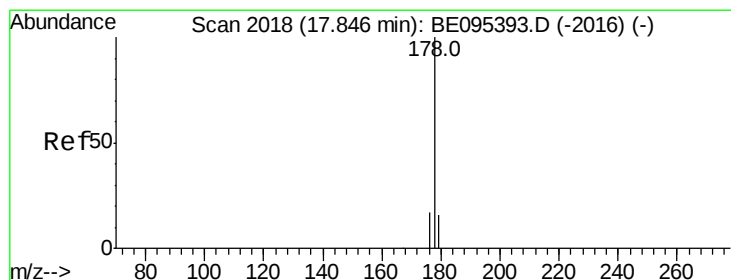
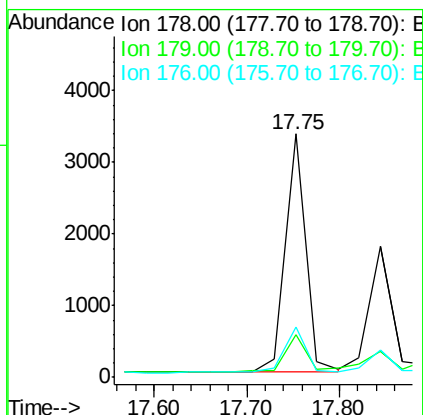
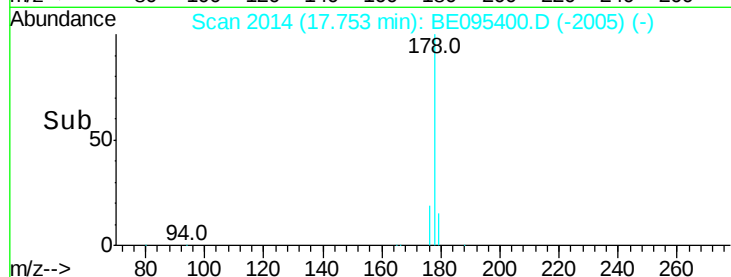
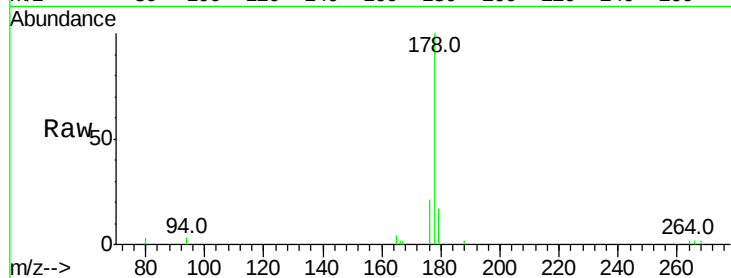
#12
Phenanthrene
Concen: 0.231 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095400.D
Acq: 2 Feb 2018 17:00

Instrument :
BNA_E
ClientSampled :
F6B45DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.4	27.6#
176	20.6	13.6	20.4#

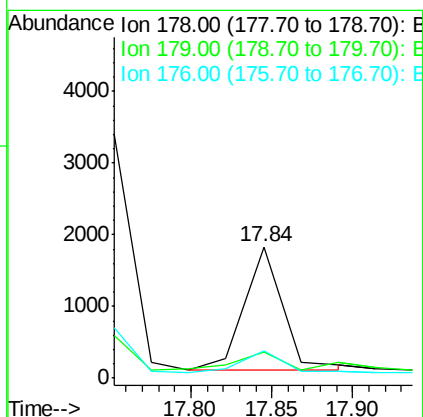
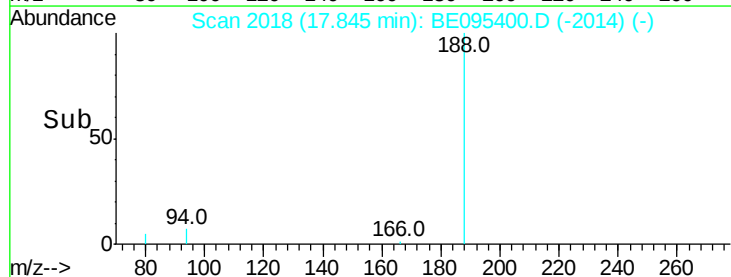
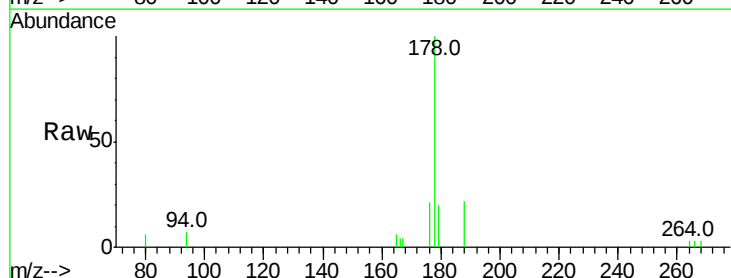
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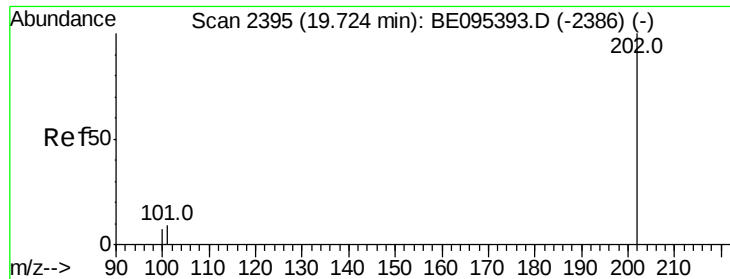
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#13
Anthracene
Concen: 0.141 ng/ul
RT: 17.84 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095400.D
Acq: 2 Feb 2018 17:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.6	18.1	27.1
176	20.7	14.7	22.1





#15

Fluoranthene

Concen: 0.730 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

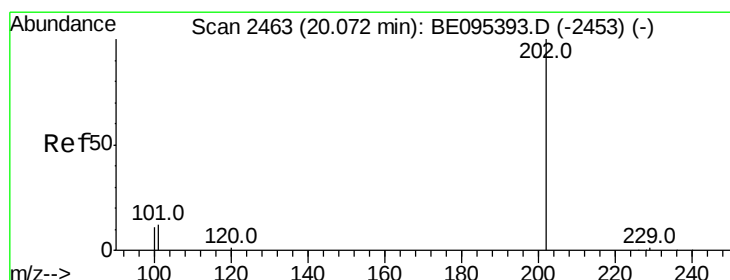
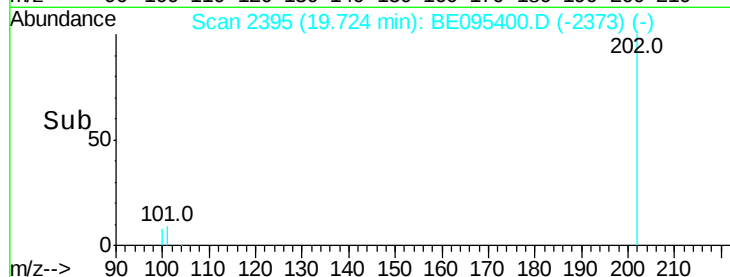
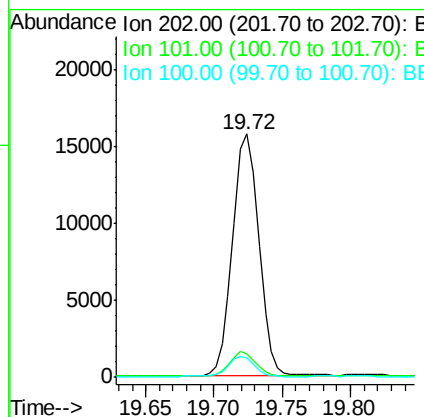
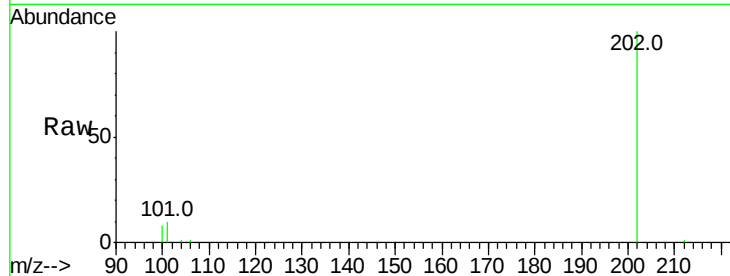
ClientSampleId :

F6B45DL

Tot Ion:	202	Resp:	20940
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.3
100	8.0	0.0	39.5

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#17

Pyrene

Concen: 0.824 ng/ul

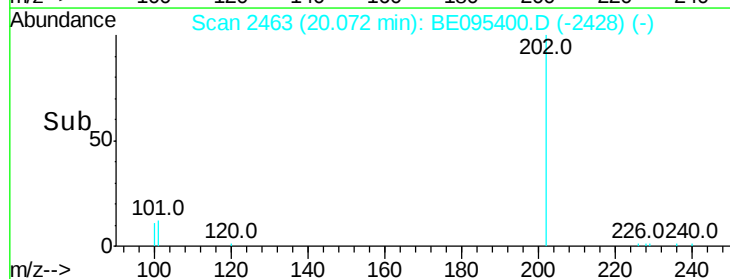
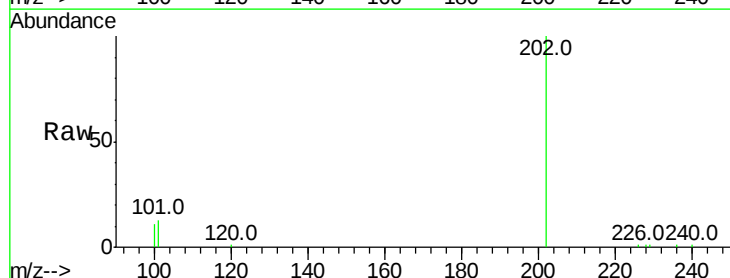
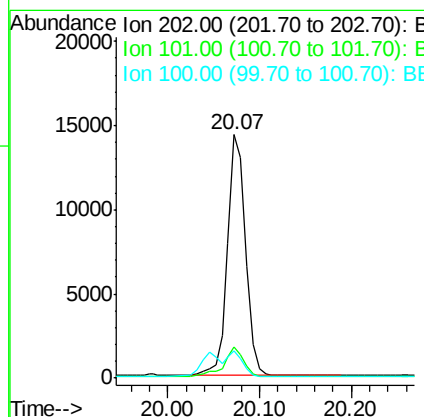
RT: 20.07 min Scan# 2463

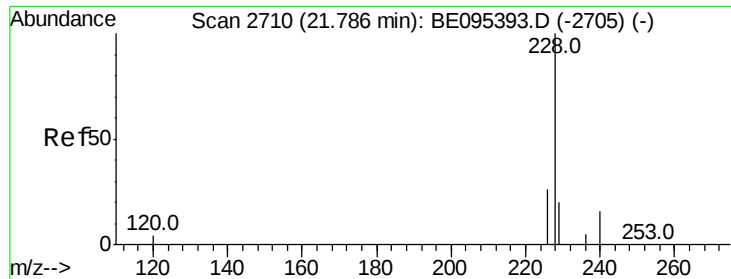
Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Tgt Ion:	202	Resp:	19497
Ion Ratio	Lower	Upper	
202	100		
101	12.6	18.2	27.4#
100	11.4	15.6	23.4#





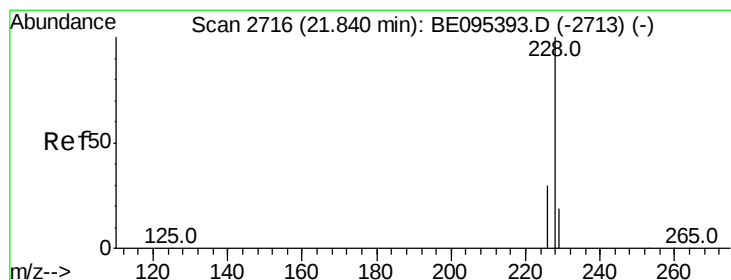
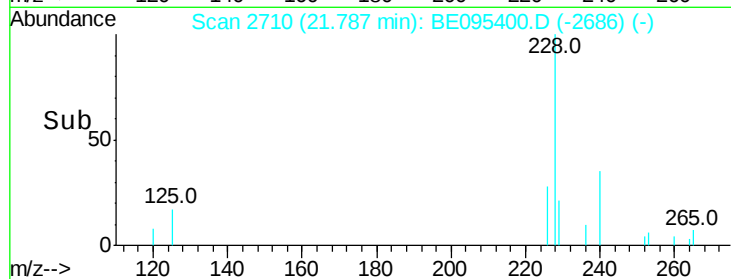
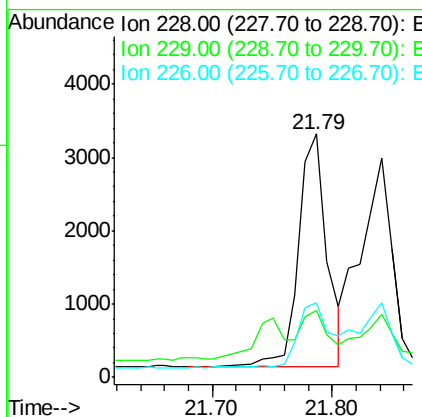
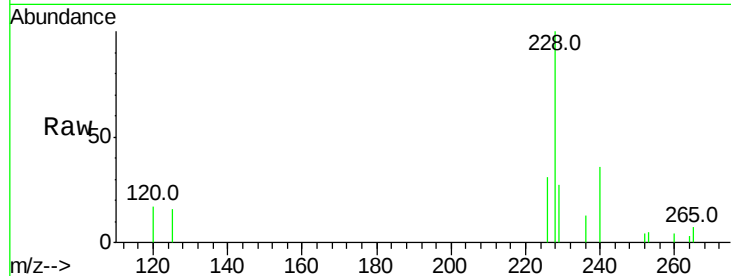
#18
Benzo(a)anthracene
Concen: 0.272 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095400.D
Acq: 2 Feb 2018 17:00

Instrument :
BNA_E
ClientSampleId :
F6B45DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.4	22.8	34.2
226	30.8	17.0	25.6

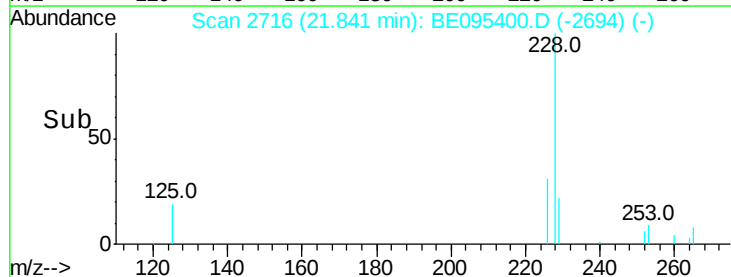
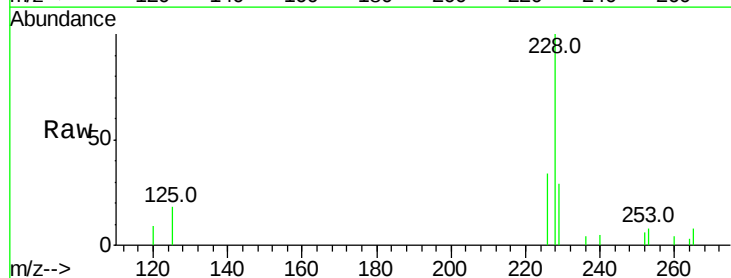
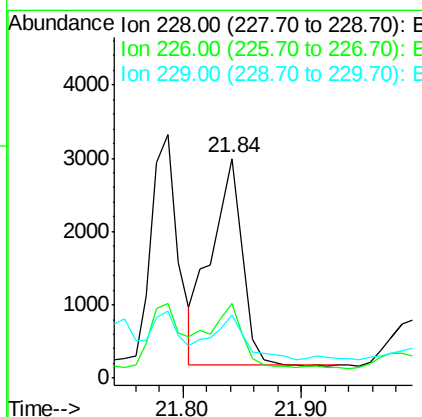
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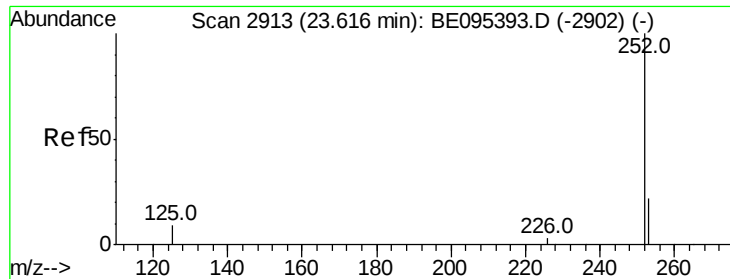
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#19
Chrysene
Concen: 0.228 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095400.D
Acq: 2 Feb 2018 17:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	23.4	35.0
229	28.9	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.349 ng/ul m

RT: 23.62 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

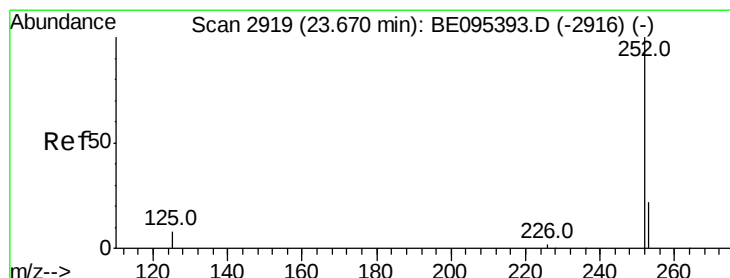
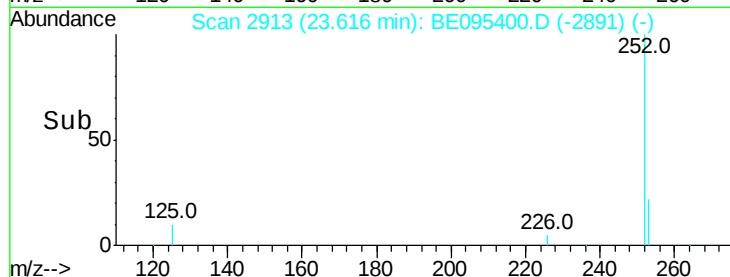
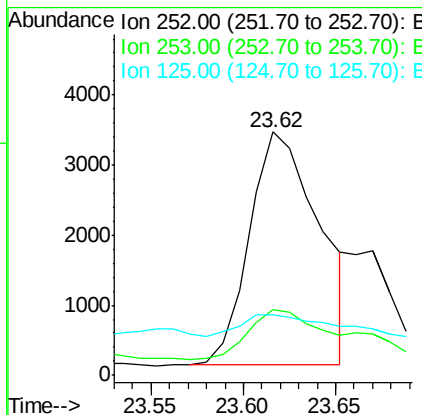
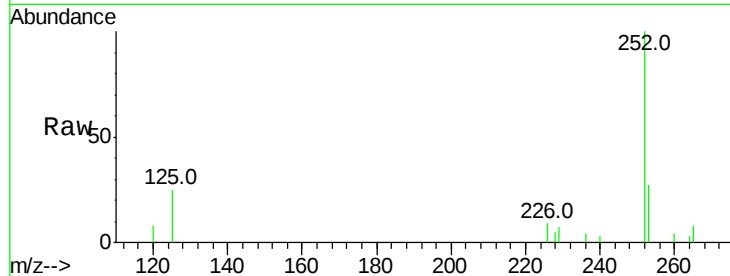
ClientSampleId :

F6B45DL

Tot Ion:	252	Resp:	8766
Ion Ratio	Lower	Upper	
252	100		
253	27.0	0.0	64.2
125	24.9	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.118 ng/ul m

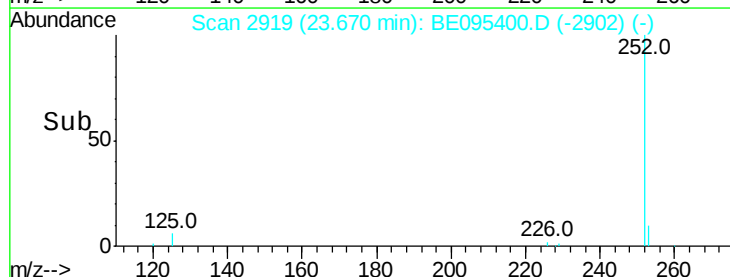
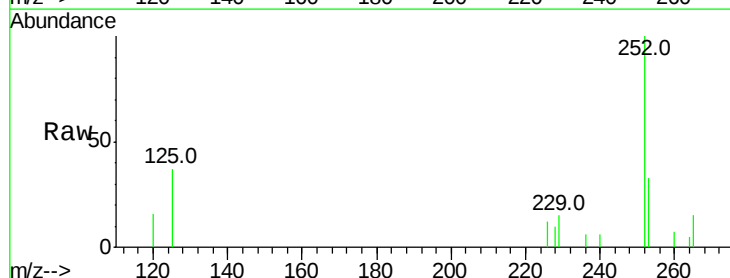
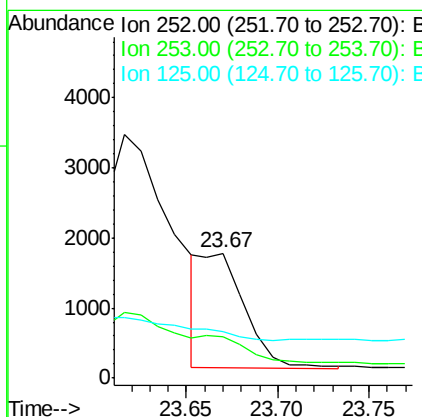
RT: 23.67 min Scan# 2919

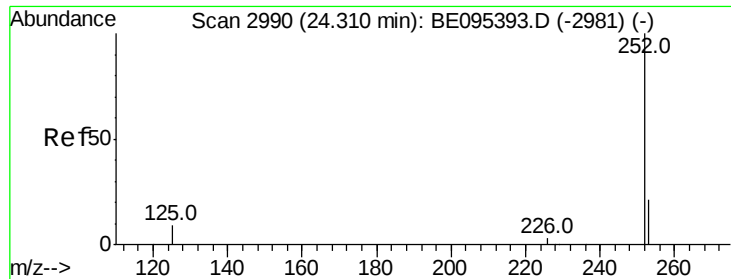
Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Tgt Ion:	252	Resp:	2718
Ion Ratio	Lower	Upper	
252	100		
253	33.1	24.5	36.7
125	37.0	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.165 ng/ul m

RT: 24.31 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

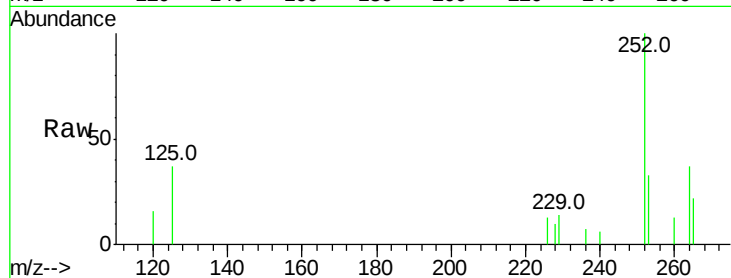
ClientSampleId :

F6B45DL

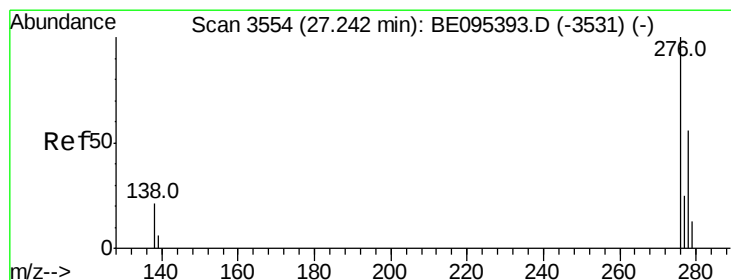
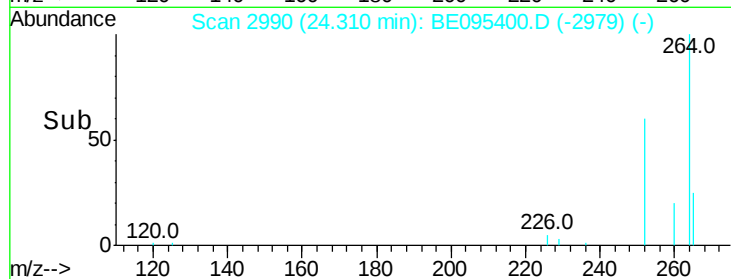
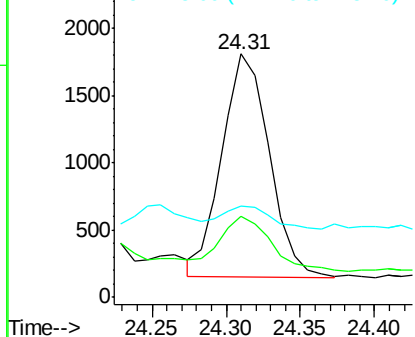
Tot Ion:	252	Resp:	3701
Ion Ratio	Lower	Upper	
252	100		
253	33.1	28.5	42.7
125	37.5	18.1	27.1#

Manual Integrations
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Sohil
2/5/2018 5:47:58 PM



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: 0.156 ng/ul

RT: 27.24 min Scan# 3554

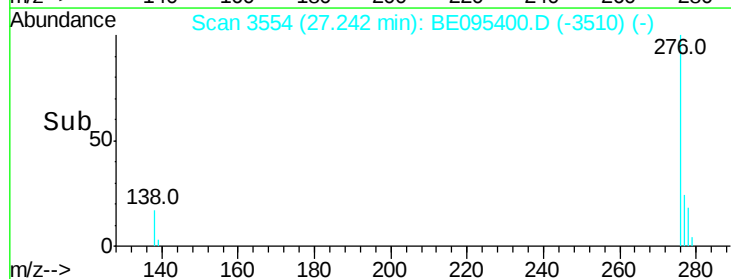
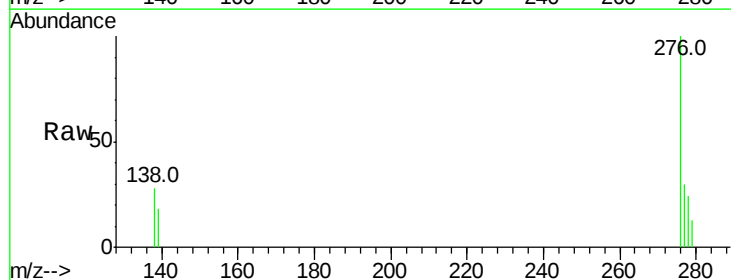
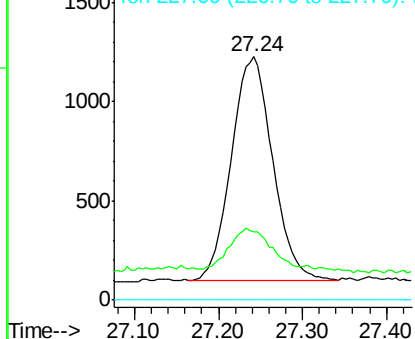
Delta R.T. -0.00 min

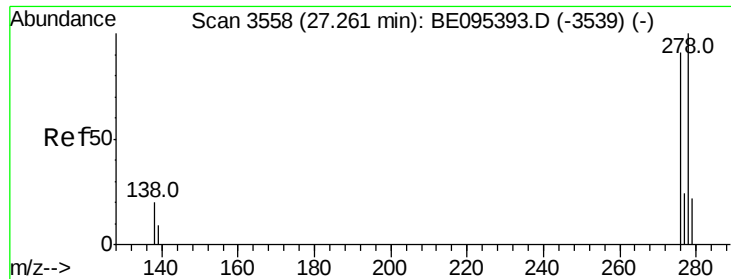
Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Tgt Ion:	276	Resp:	3848
Ion Ratio	Lower	Upper	
276	100		
138	22.7	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





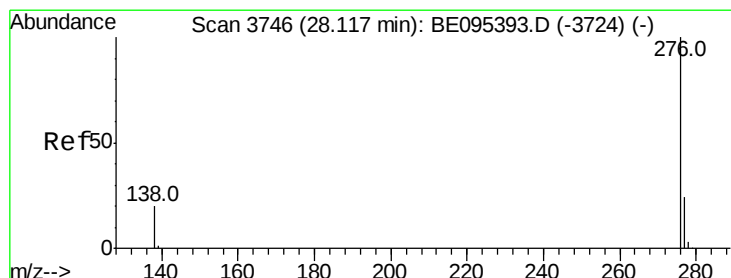
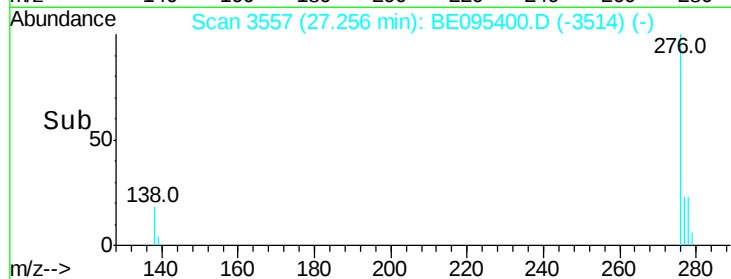
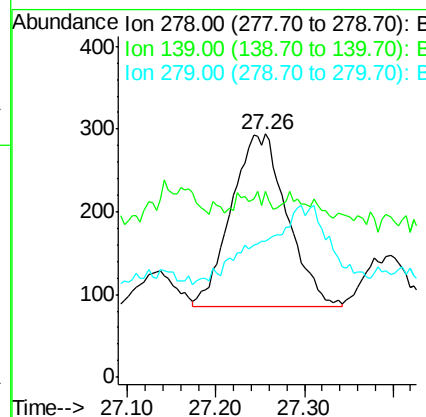
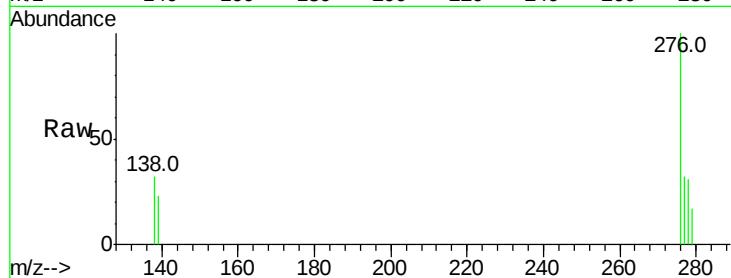
#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 27.26 min Scan# 3557
Delta R.T. -0.00 min
Lab File: BE095400.D
Acq: 2 Feb 2018 17:00

Instrument :
BNA_E
ClientSampled :
F6B45DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	76.5	17.4	26.0#
279	55.8	25.9	38.9#

Manual Integrations
APPROVED

Sohil
2/5/2018 5:47:58 PM



#26
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 28.12 min Scan# 3747
Delta R.T. 0.00 min
Lab File: BE095400.D
Acq: 2 Feb 2018 17:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.8
277	28.0	20.5	30.7

