

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095787.D
 Acq On : 15 Mar 2018 4:56
 Operator : SJ/JU
 Sample : J1835-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F00

Manual Integrations
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 3/15/2018 6:55:06 PM

Quant Time: Mar 16 02:44:54 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	2302	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	7136	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	4346	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.72	188	8864m	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	8325m	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8288m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2948	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	6867m	0.24	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.31	128	4645	0.233	ng/ul#	90
5) 2-Methylnaphthalene	12.88	142	4770	0.344	ng/ul	100
8) Acenaphthene	15.07	153	8156	0.494	ng/ul	94
9) Fluorene	16.04	166	7004	0.391	ng/ul	89
12) Phenanthrene	17.76	178	117552m	4.428	ng/ul	
13) Anthracene	17.85	178	26243m	1.057	ng/ul	
15) Fluoranthene	19.72	202	165024m	5.132	ng/ul	
17) Pyrene	20.08	202	144902m	4.584	ng/ul	
18) Benzo(a)anthracene	21.79	228	73797m	2.747	ng/ul	
19) Chrysene	21.84	228	71964	2.631	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	82537m	2.875	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	30946m	1.134	ng/ul	
23) Benzo(a)pyrene	24.32	252	58316m	2.225	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	38839m	1.336	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	10351m	0.445	ng/ul	
26) Benzo(g,h,i)perylene	28.14	276	45462	1.821	ng/ul	94

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

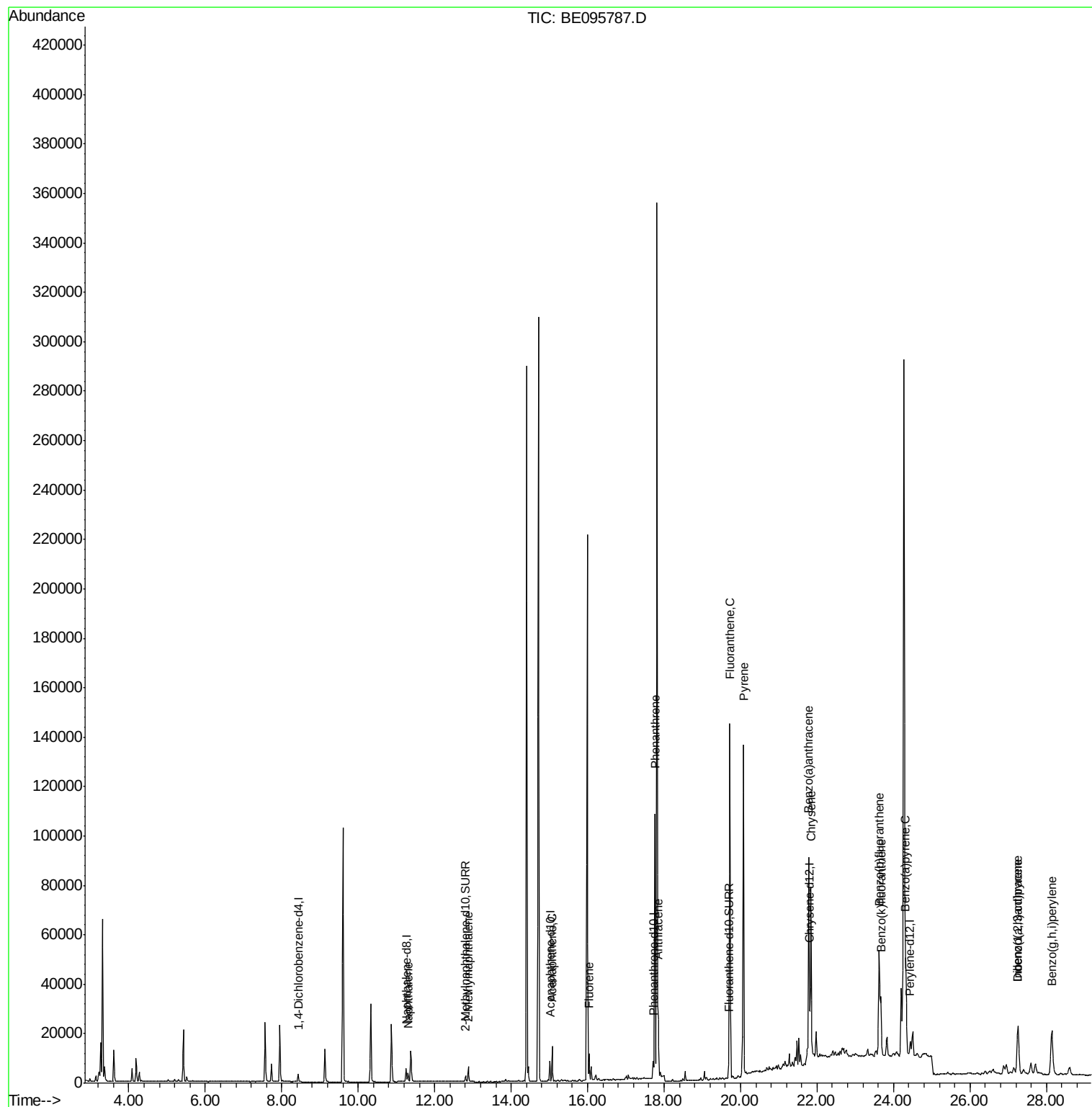
Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
Data File : BE095787.D
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ALS Vial : 31 Sample Multiplier: 1

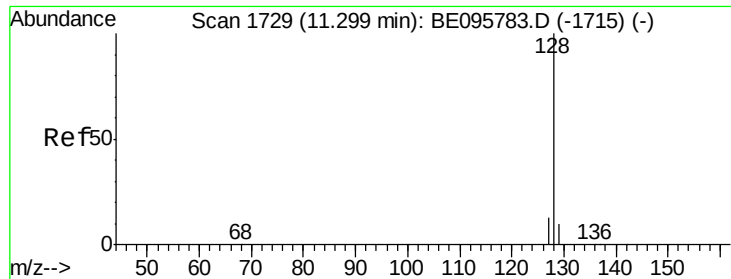
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#3

Naphthalene

Concen: 0.233 ng/ul

RT: 11.31 min Scan# 1729

Delta R.T. 0.01 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

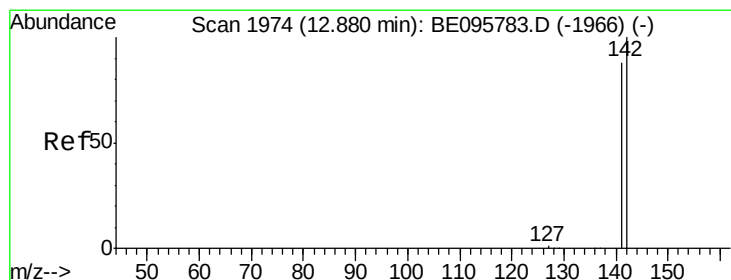
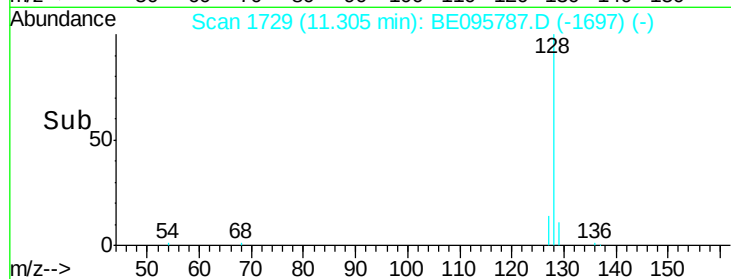
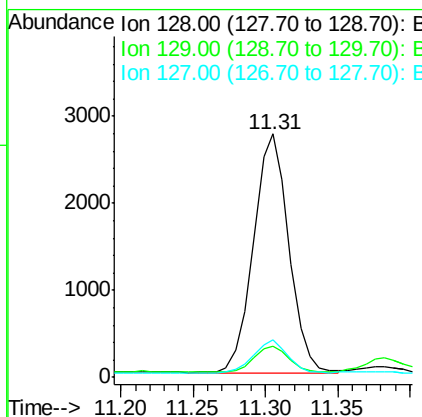
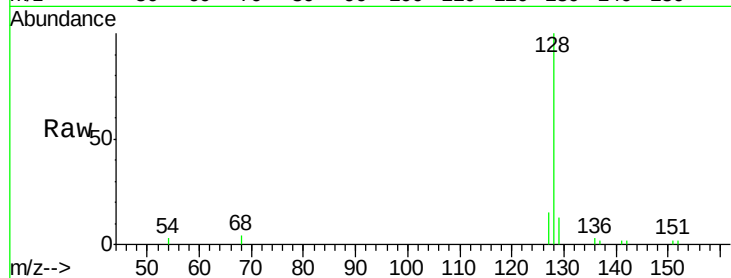
ClientSampleId :

F6F00

Tgt Ion:	128	Resp:	4645
Ion Ratio	Lower	Upper	
128	100		
129	13.0	11.3	16.9
127	15.3	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.344 ng/ul

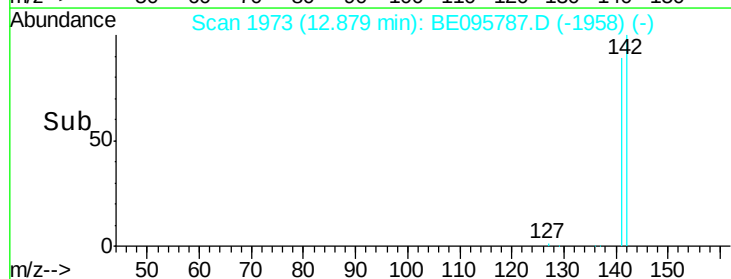
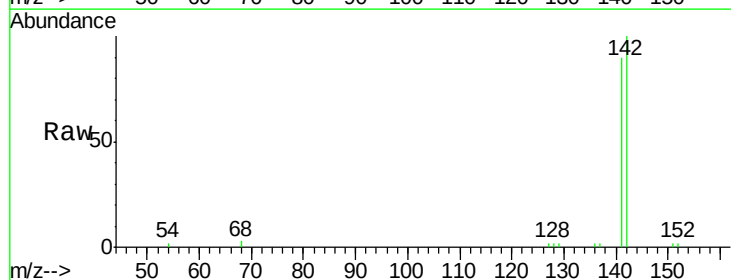
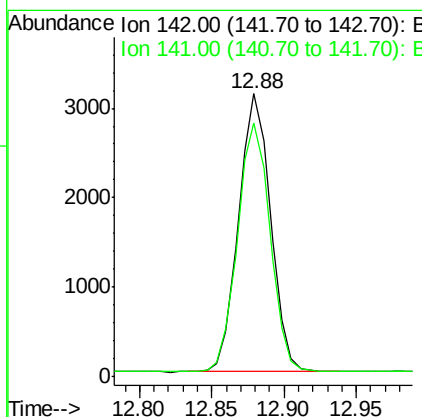
RT: 12.88 min Scan# 1973

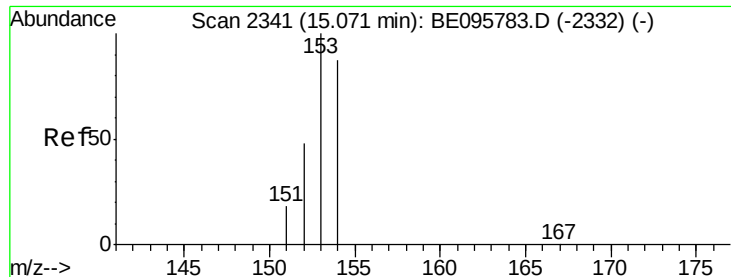
Delta R.T. -0.00 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Tgt Ion:	142	Resp:	4770
Ion Ratio	Lower	Upper	
142	100		
141	91.0	72.6	108.8





#8

Acenaphthene

Concen: 0.494 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

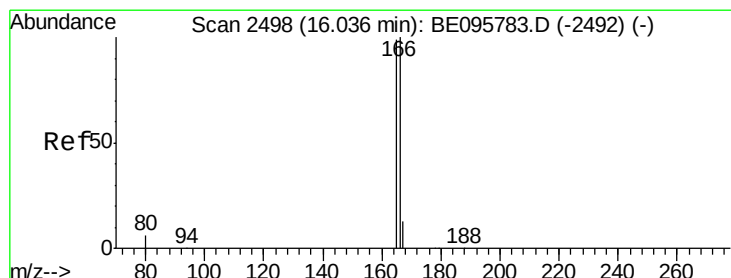
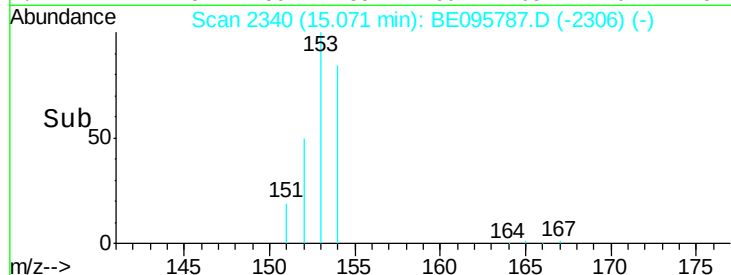
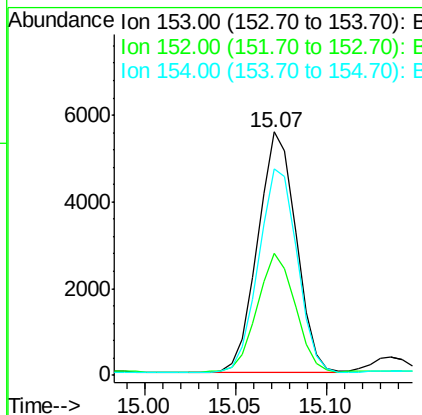
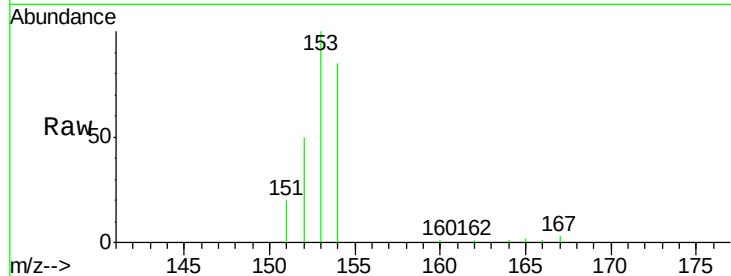
ClientSampleId :

F6F00

Tgt Ion:	153	Resp:	8156
Ion Ratio	Lower	Upper	
153	100		
152	50.3	36.0	54.0
154	85.0	72.0	108.0

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#9

Fluorene

Concen: 0.391 ng/ul

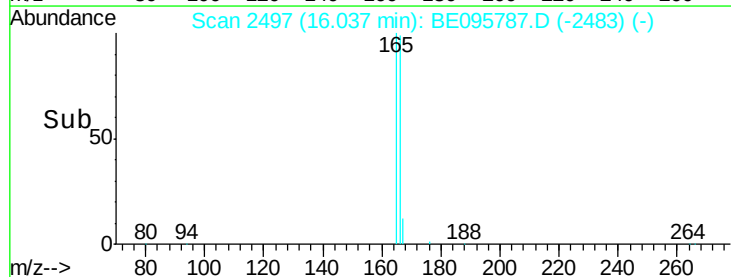
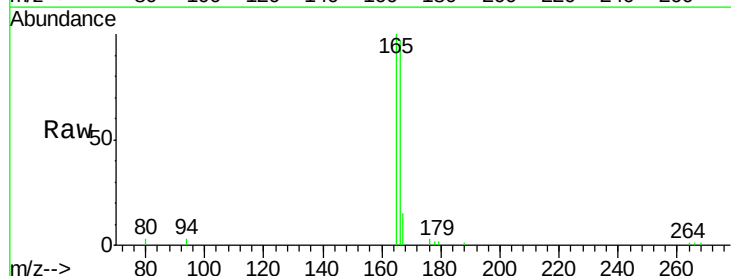
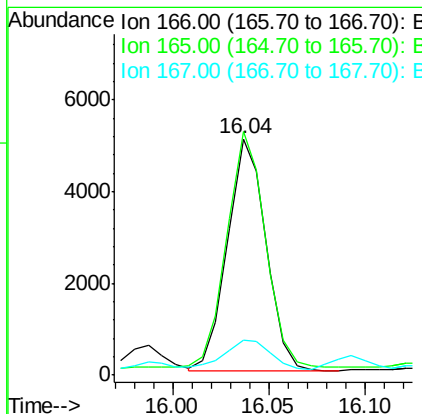
RT: 16.04 min Scan# 2497

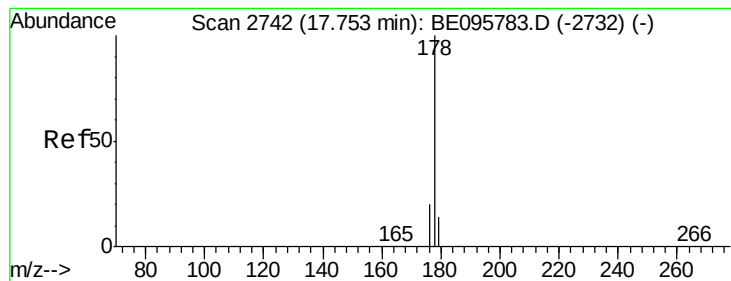
Delta R.T. 0.00 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Tgt Ion:	166	Resp:	7004
Ion Ratio	Lower	Upper	
166	100		
165	102.9	73.4	110.2
167	14.9	14.6	22.0





#12

Phenanthrene

Concen: 4.428 ng/ul m

RT: 17.76 min Scan# 2742

Delta R.T. 0.01 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

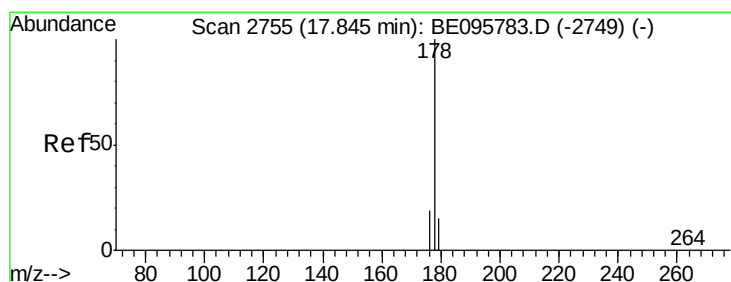
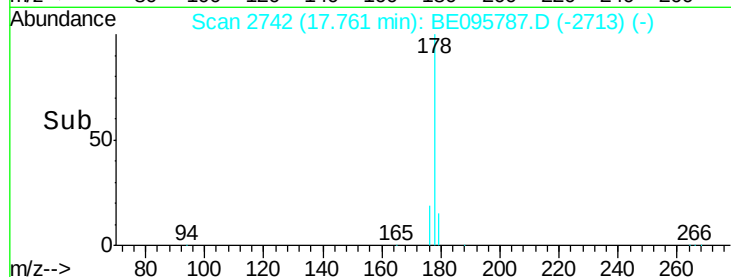
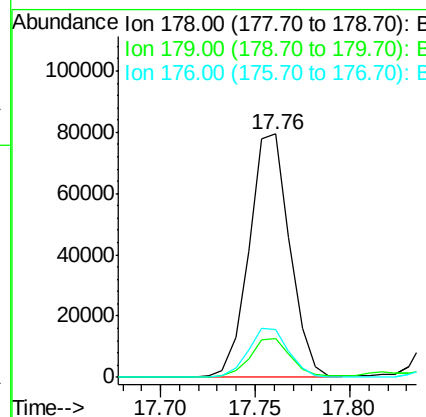
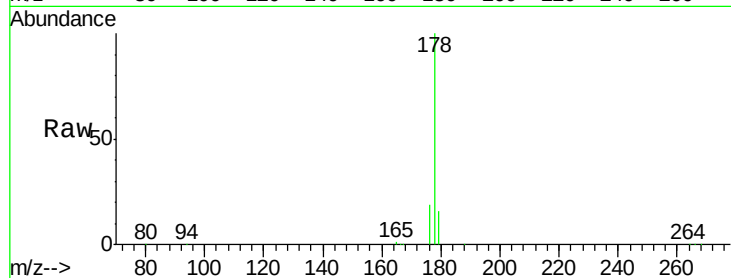
ClientSampled :

F6F00

Tgt Ion:178 Resp: 117552
 Ion Ratio Lower Upper
 178 100
 179 15.7 18.4 27.6#
 176 19.5 13.6 20.4

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#13

Anthracene

Concen: 1.057 ng/ul m

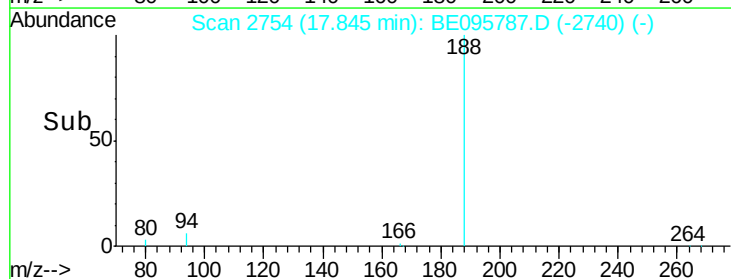
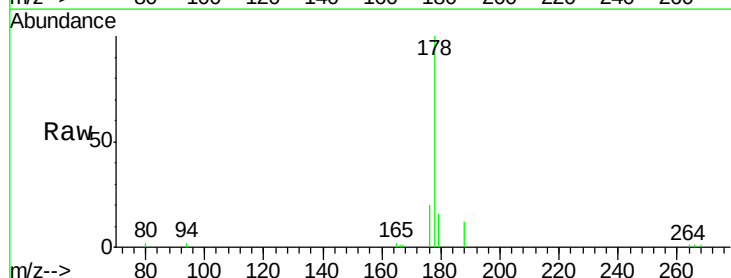
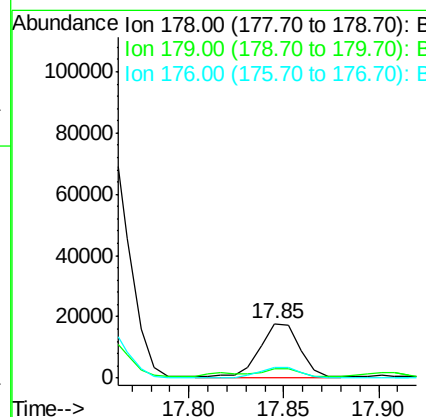
RT: 17.85 min Scan# 2754

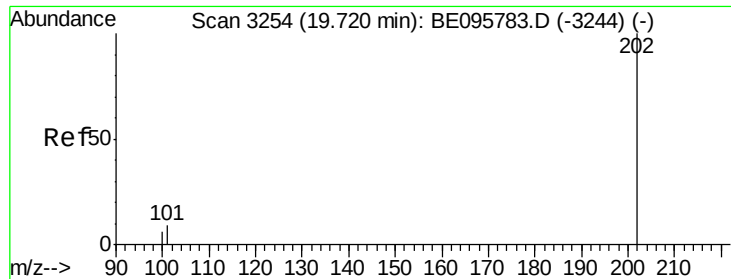
Delta R.T. 0.00 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Tgt Ion:178 Resp: 26243
 Ion Ratio Lower Upper
 178 100
 179 16.2 18.1 27.1#
 176 20.4 14.7 22.1





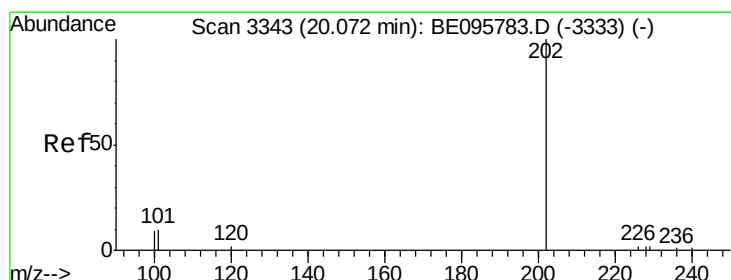
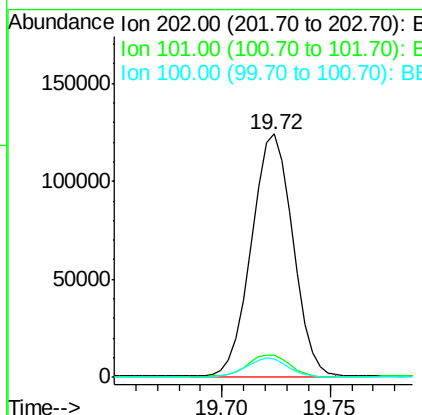
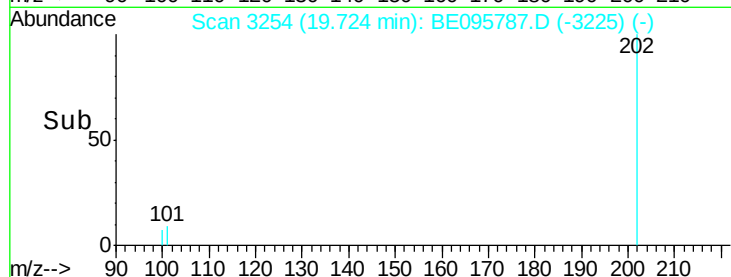
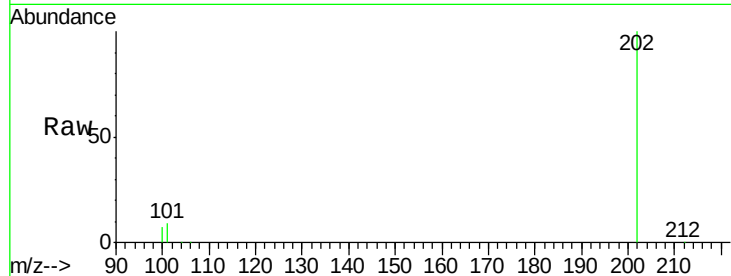
#15
Fluoranthene
Concen: 5.132 ng/ul m
RT: 19.72 min Scan# 3254
Delta R.T. 0.00 min
Lab File: BE095787.D
Acq: 15 Mar 2018 4:56

Instrument :
BNA_E
ClientSampleId :
F6F00

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.0	0.0	30.3
100	7.4	0.0	39.5

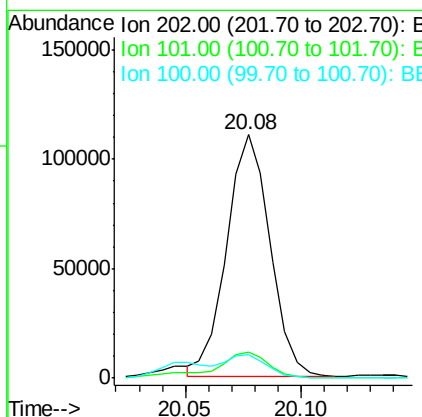
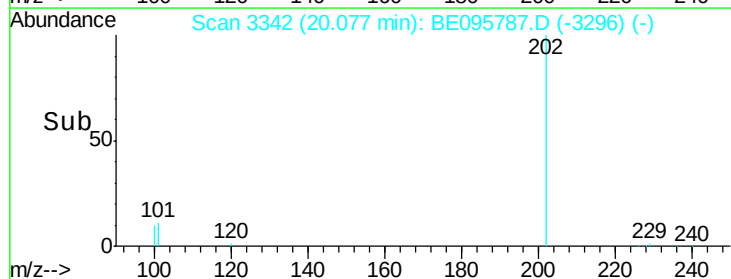
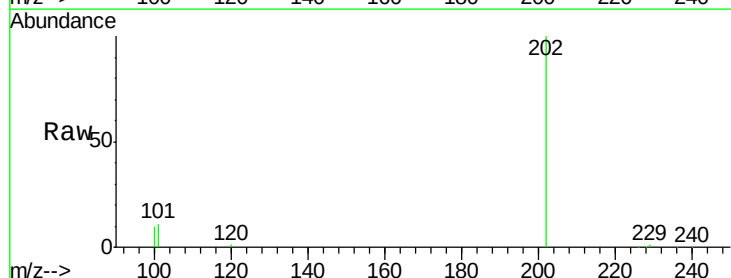
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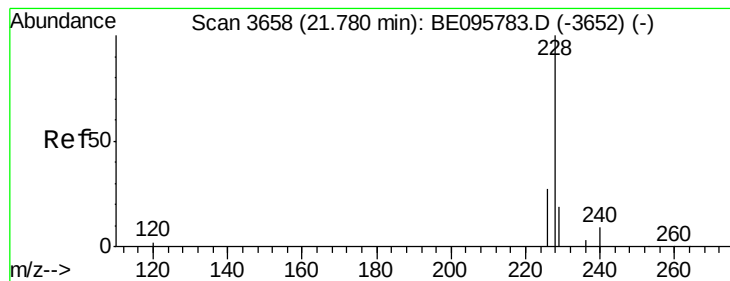
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#17
Pyrene
Concen: 4.584 ng/ul m
RT: 20.08 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BE095787.D
Acq: 15 Mar 2018 4:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.9	18.2	27.4#
100	9.6	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 2.747 ng/ul m

RT: 21.79 min Scan# 3657

Delta R.T. 0.01 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

ClientSampleId :

F6F00

Tgt Ion:228 Resp: 73797

Ion Ratio Lower Upper

228 100

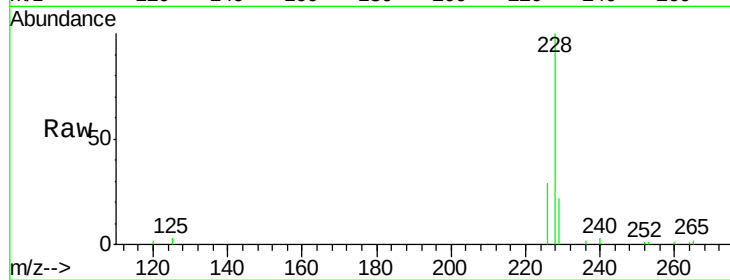
229 22.5 22.8 34.2#

226 28.9 17.0 25.6#

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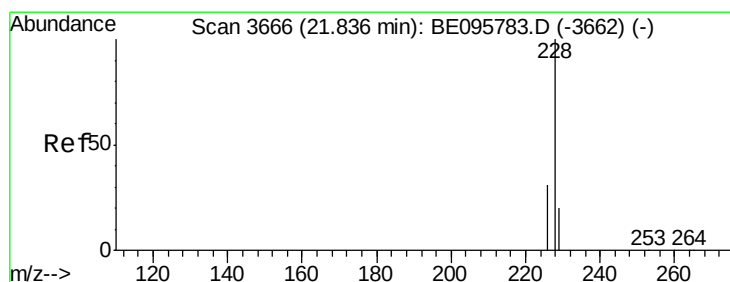
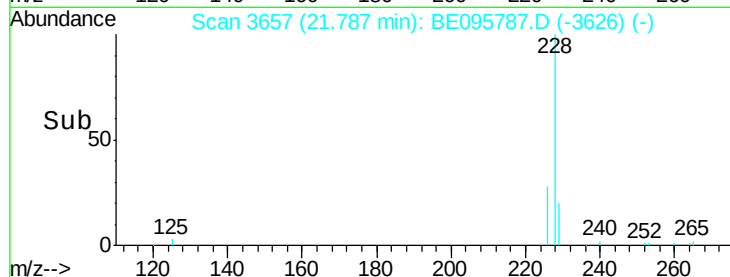
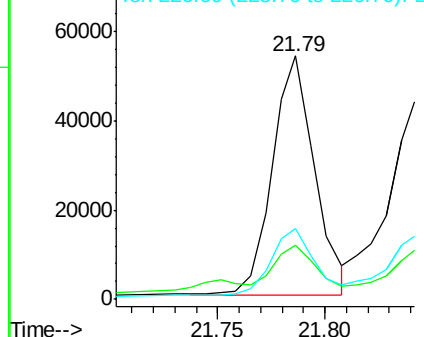
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 2.631 ng/ul

RT: 21.84 min Scan# 3665

Delta R.T. 0.01 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Tgt Ion:228 Resp: 71964

Ion Ratio Lower Upper

228 100

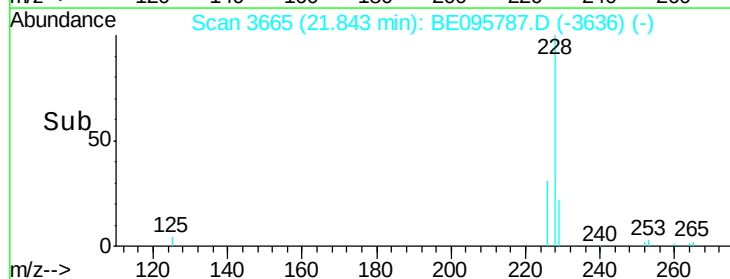
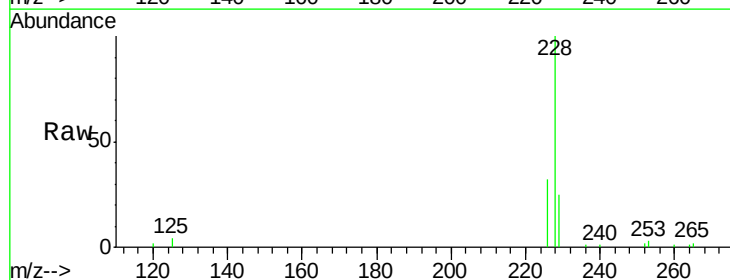
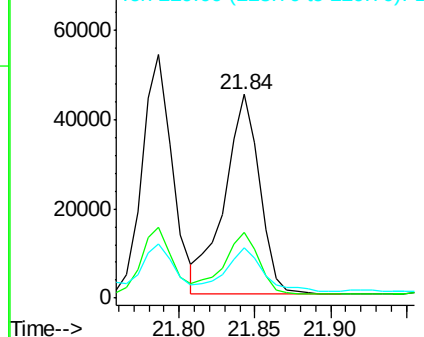
226 32.0 23.4 35.0

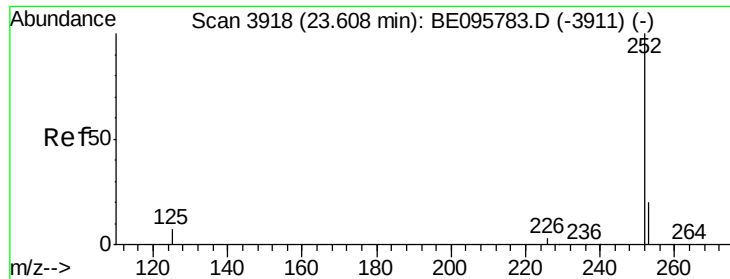
229 24.5 17.7 26.5

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: 2.875 ng/ul m

RT: 23.62 min Scan# 3918

Delta R.T. 0.01 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

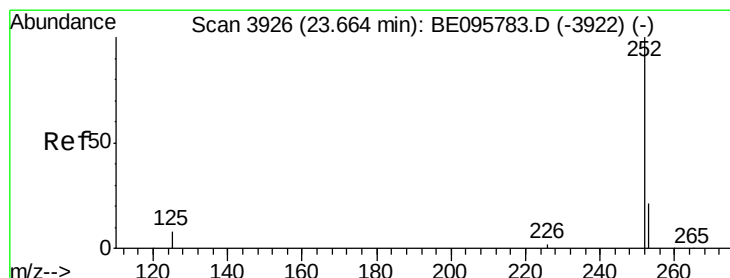
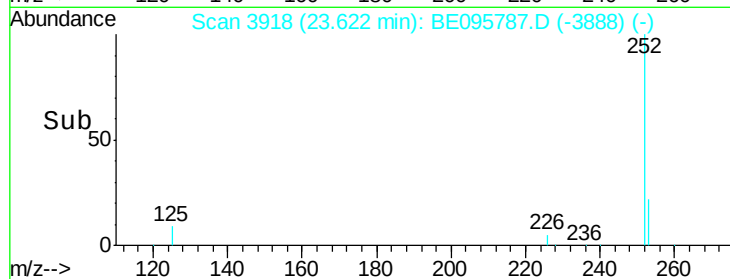
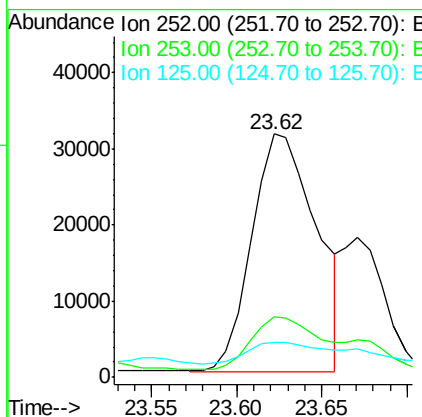
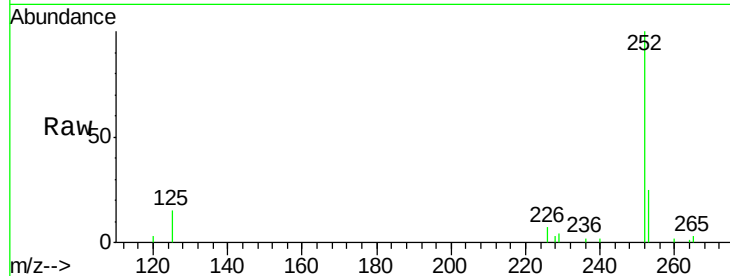
ClientSampleId :

F6F00

Tgt Ion:	252	Resp:	82537
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	64.2
125	14.6	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 1.134 ng/ul m

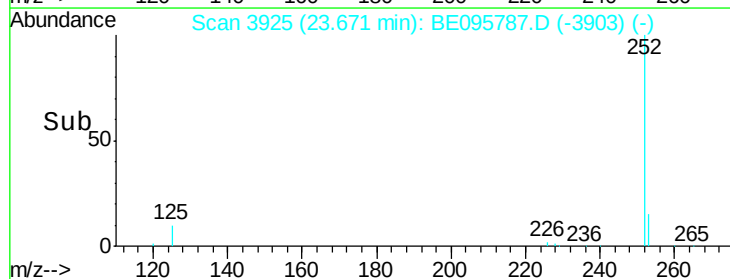
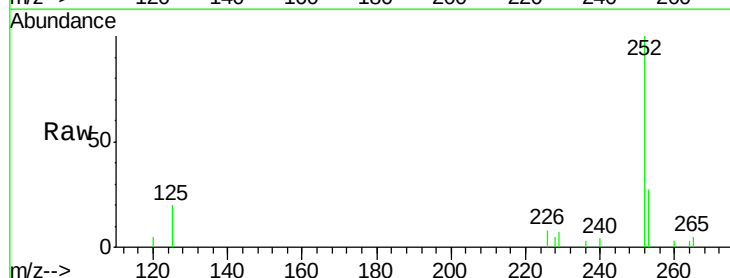
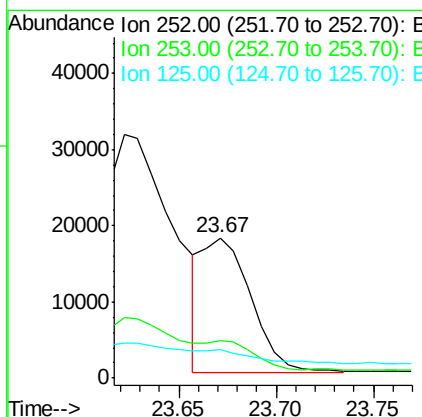
RT: 23.67 min Scan# 3925

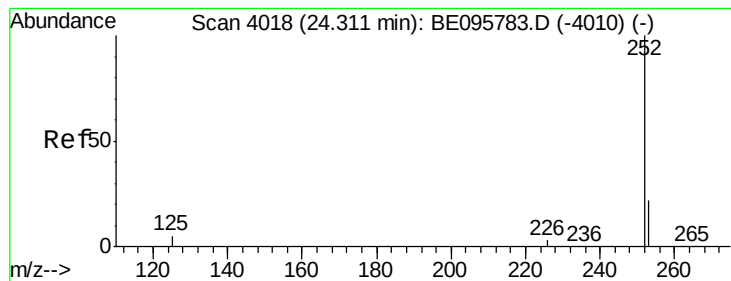
Delta R.T. 0.01 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Tgt Ion:	252	Resp:	30946
Ion Ratio	Lower	Upper	
252	100		
253	27.2	24.5	36.7
125	20.0	13.7	20.5





#23

Benzo(a)pyrene

Concen: 2.225 ng/ul m

RT: 24.32 min Scan# 4018

Delta R.T. 0.01 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

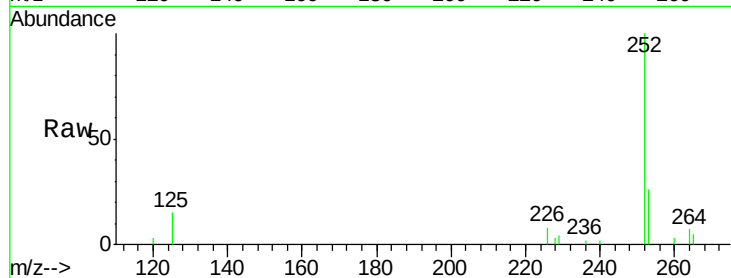
ClientSampleId :

F6F00

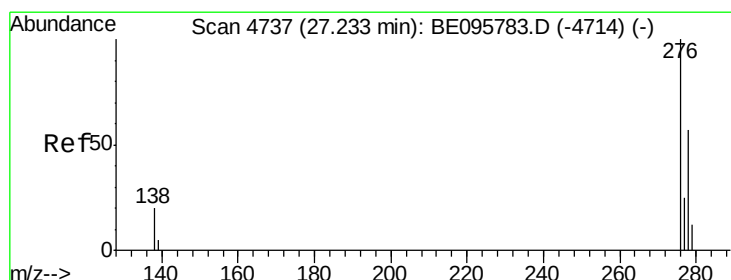
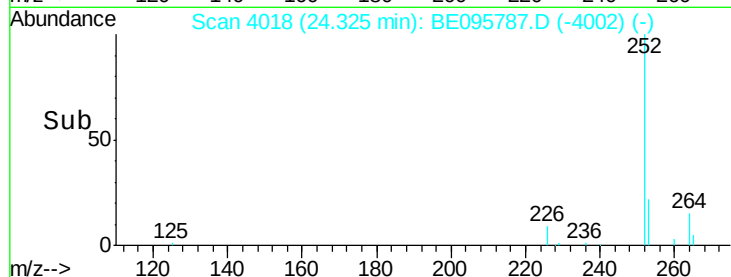
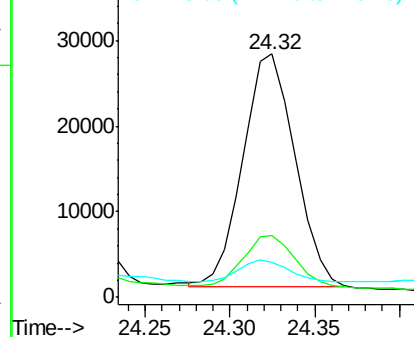
Tgt Ion:	252	Resp:	58316
Ion Ratio	Lower	Upper	
252	100		
253	25.5	28.5	42.7#
125	14.6	18.1	27.1#

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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: 1.336 ng/ul m

RT: 27.25 min Scan# 4740

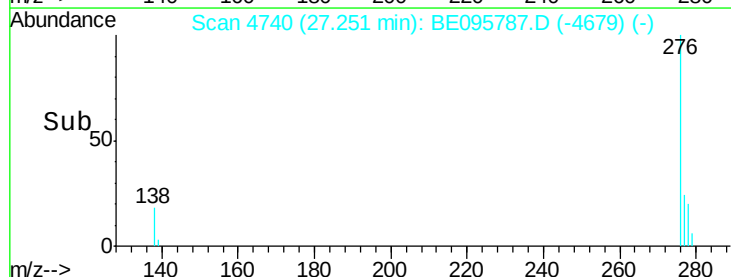
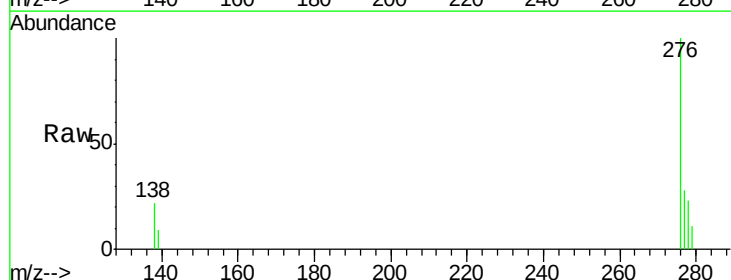
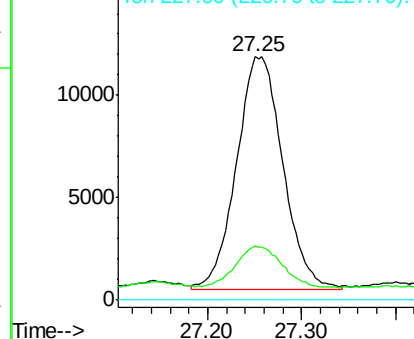
Delta R.T. 0.02 min

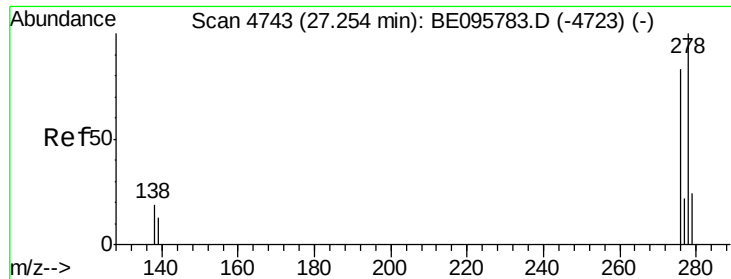
Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Tgt Ion:	276	Resp:	38839
Ion Ratio	Lower	Upper	
276	100		
138	0.0	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





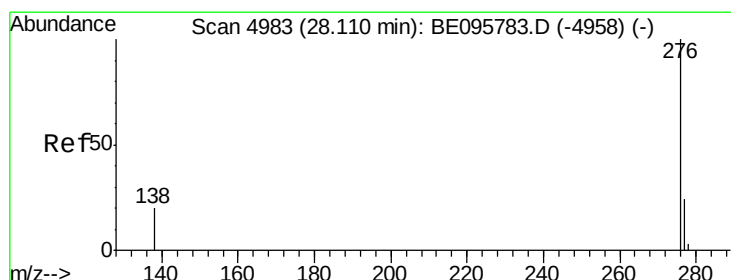
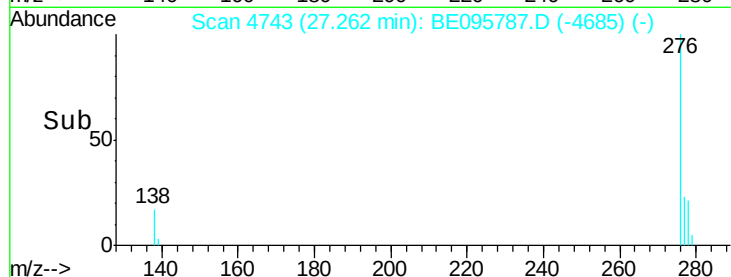
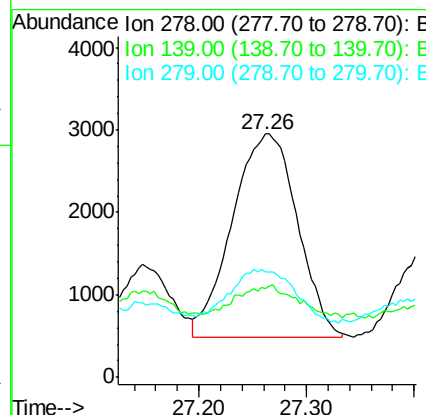
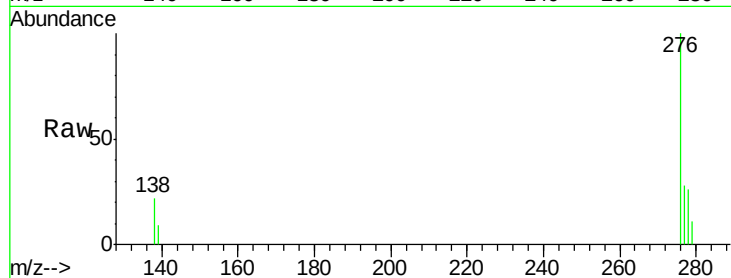
#25
Dibenzo(a,h)anthracene
Concen: 0.445 ng/ul m
RT: 27.26 min Scan# 4743
Delta R.T. 0.01 min
Lab File: BE095787.D
Acq: 15 Mar 2018 4:56

Instrument :
BNA_E
ClientSampleId :
F6F00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.6	17.4	26.0#
279	43.4	25.9	38.9#

Manual Integrations
APPROVED

Sohil
3/15/2018 6:55:06 PM



#26
Benzo(g,h,i)perylene
Concen: 1.821 ng/ul
RT: 28.14 min Scan# 4990
Delta R.T. 0.03 min
Lab File: BE095787.D
Acq: 15 Mar 2018 4:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	21.8	32.8
277	26.8	20.5	30.7

