

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095786.D
 Acq On : 15 Mar 2018 4:20
 Operator : SJ/JU
 Sample : J1813-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F47

Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:55:02 PM

Quant Time: Mar 15 05:52:24 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	1990	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5996	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3764	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7684m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	6908m	0.40	ng/ul	0.00
20) Perylene-d12	24.45	264	8163	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3704	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	8821m	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	1839	0.110	ng/ul#	88
5) 2-Methylnaphthalene	12.88	142	2970	0.255	ng/ul	99
7) Acenaphthylene	14.74	152	997	0.052	ng/ul#	74
8) Acenaphthene	15.07	153	512	0.036	ng/ul#	84
9) Fluorene	16.04	166	676	0.044	ng/ul#	83
11) Pentachlorophenol	17.37	266	288m	0.267	ng/ul	
12) Phenanthrene	17.75	178	13395m	0.582	ng/ul	
13) Anthracene	17.85	178	1928m	0.090	ng/ul	
15) Fluoranthene	19.72	202	17040m	0.611	ng/ul	
17) Pyrene	20.08	202	21891m	0.835	ng/ul	
18) Benzo(a)anthracene	21.79	228	9088m	0.408	ng/ul	
19) Chrysene	21.84	228	18844m	0.830	ng/ul	
21) Benzo(b)fluoranthene	23.62	252	18843m	0.666	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	5163m	0.192	ng/ul	
23) Benzo(a)pyrene	24.33	252	10454	0.405	ng/ul#	55
24) Indeno(1,2,3-cd)pyrene	27.27	276	10793	0.377	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.27	278	4463	0.195	ng/ul#	33
26) Benzo(g,h,i)perylene	28.15	276	14806	0.602	ng/ul#	88

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

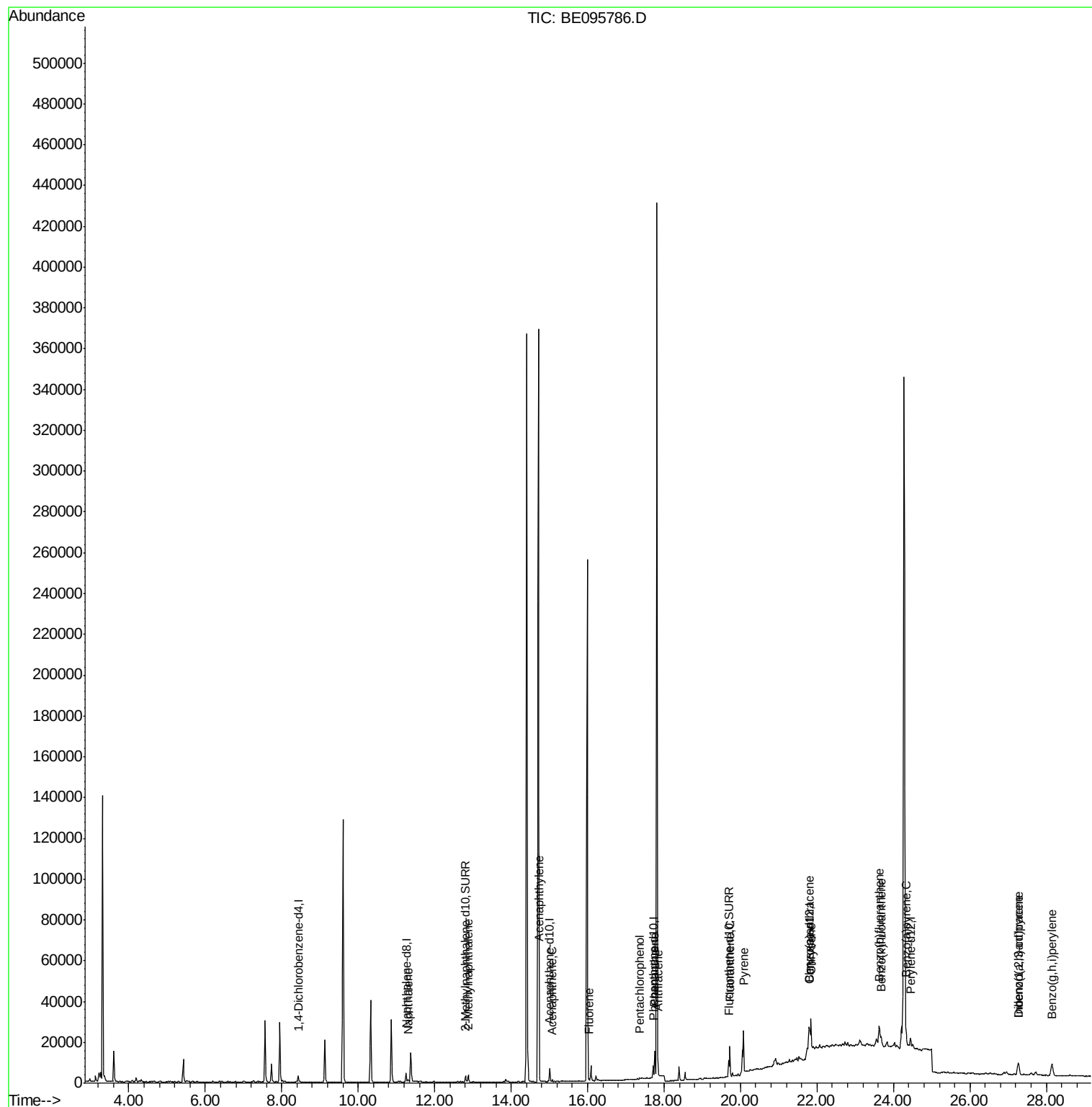
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
Data File : BE095786.D
Acq On : 15 Mar 2018 4:20
Operator : SJ/JU
Sample : J1813-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

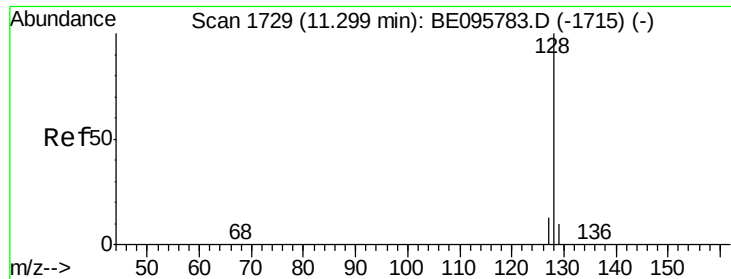
Instrument :
BNA_E
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#3

Naphthalene

Concen: 0.110 ng/ul

RT: 11.30 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Instrument :

BNA_E

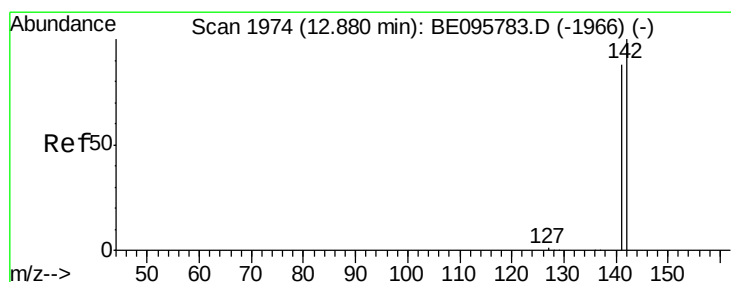
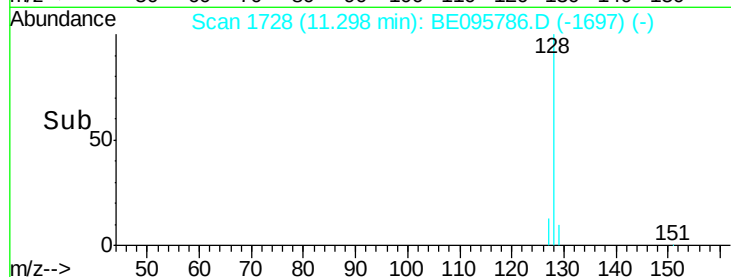
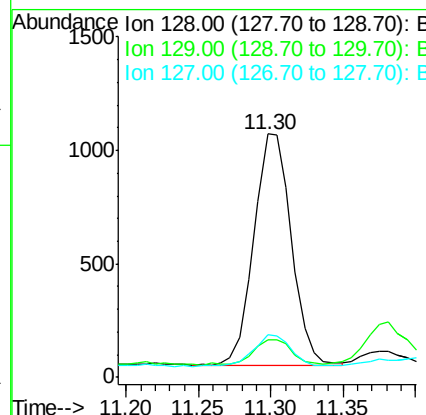
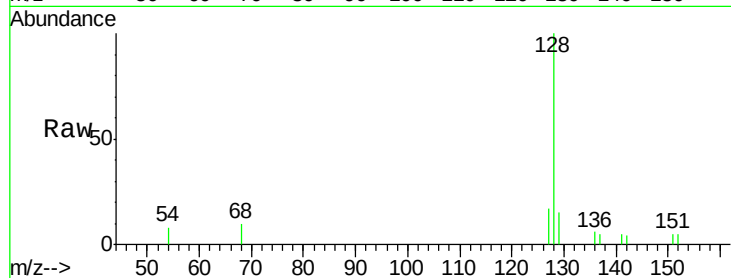
ClientSampled :

F6F47

Tot Ion:	128	Resp:	1839
Ion Ratio	Lower	Upper	
128	100		
129	15.3	11.3	16.9
127	17.4	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.255 ng/ul

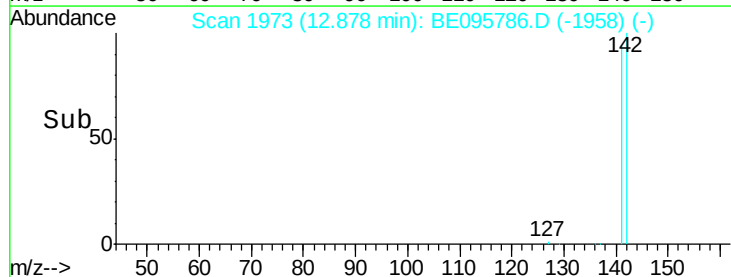
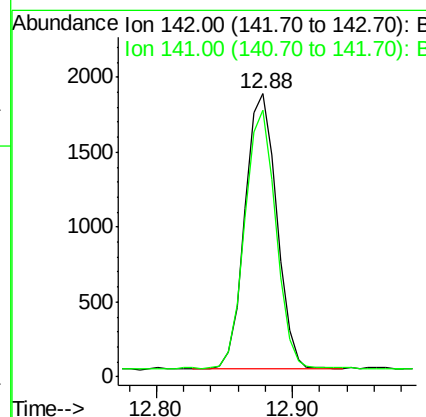
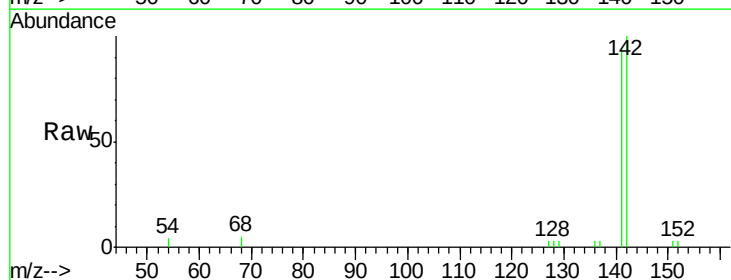
RT: 12.88 min Scan# 1973

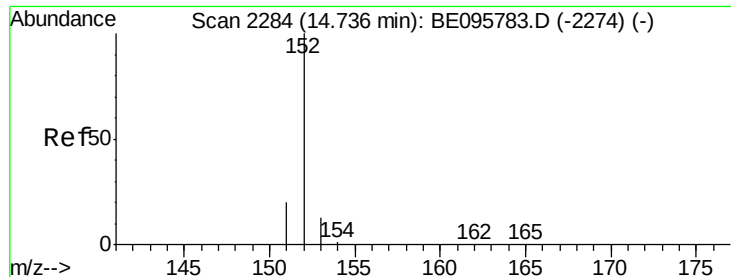
Delta R.T. -0.00 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Tgt Ion:	142	Resp:	2970
Ion Ratio	Lower	Upper	
142	100		
141	92.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.74 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Instrument :

BNA_E

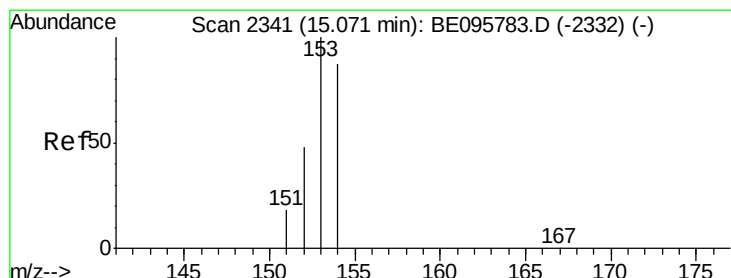
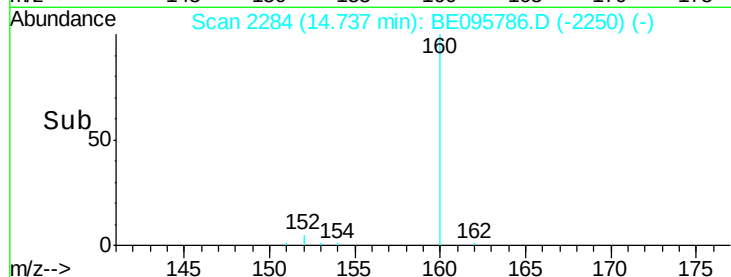
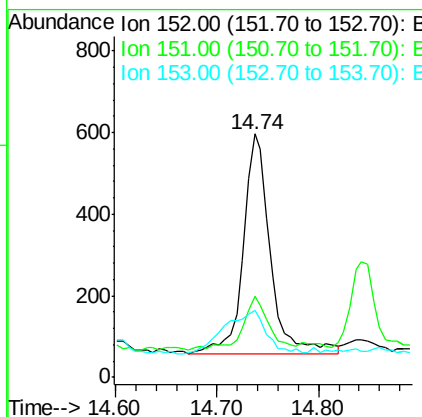
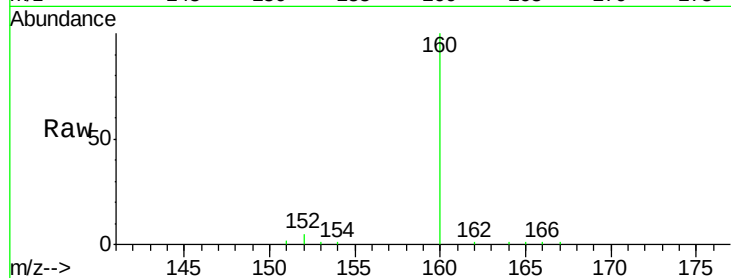
ClientSampleId :

F6F47

Tot Ion:	152	Resp:	997
Ion Ratio	Lower	Upper	
152	100		
151	33.2	17.1	25.7#
153	27.3	12.8	19.2#

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#8

Acenaphthene

Concen: 0.036 ng/ul

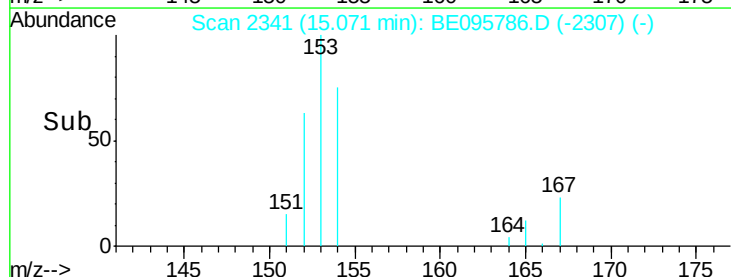
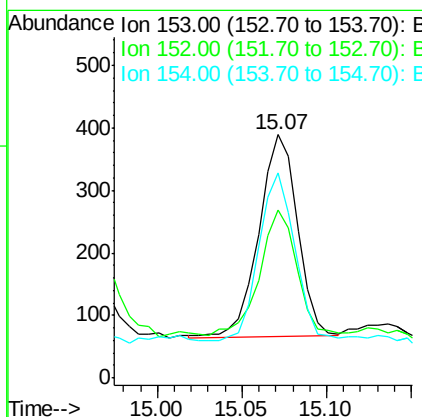
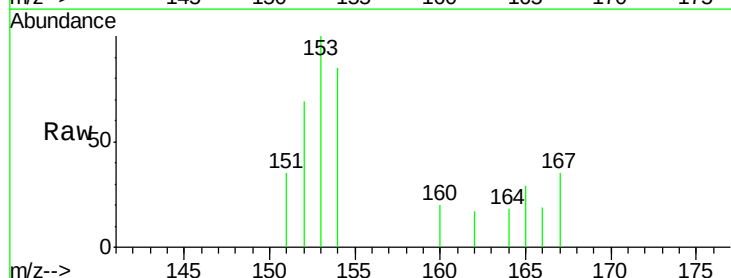
RT: 15.07 min Scan# 2341

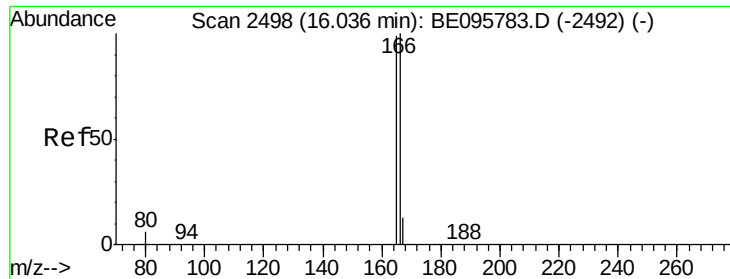
Delta R.T. 0.00 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Tgt Ion:	153	Resp:	512
Ion Ratio	Lower	Upper	
153	100		
152	69.2	36.0	54.0#
154	84.6	72.0	108.0





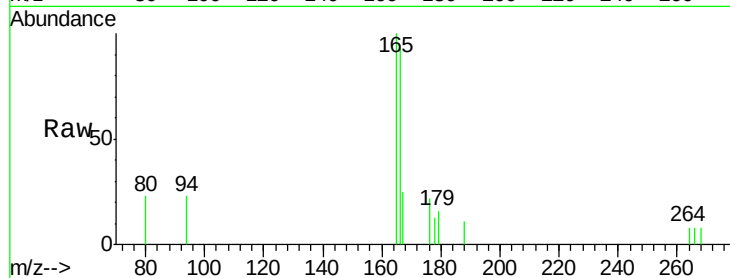
#9
Fluorene
 Concen: 0.044 ng/ul
 RT: 16.04 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BE095786.D
 Acq: 15 Mar 2018 4:20

Instrument :
 BNA_E
 ClientSampleId :
 F6F47

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.7	73.4	110.2
167	27.3	14.6	22.0

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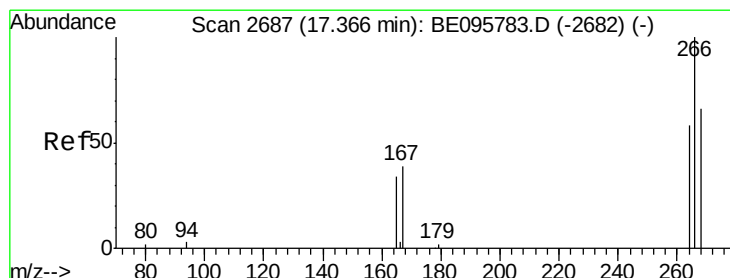
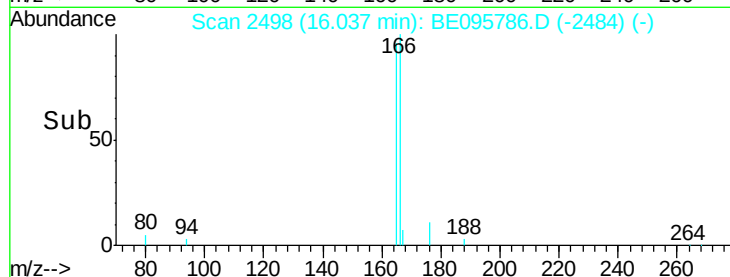
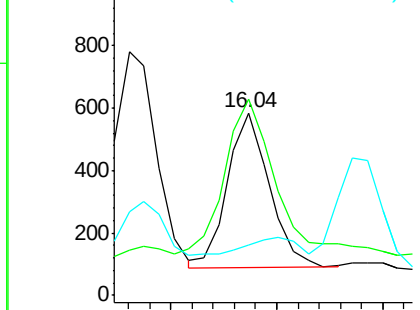


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11
Pentachlorophenol
 Concen: 0.267 ng/ul m
 RT: 17.37 min Scan# 2687
 Delta R.T. 0.00 min
 Lab File: BE095786.D
 Acq: 15 Mar 2018 4:20

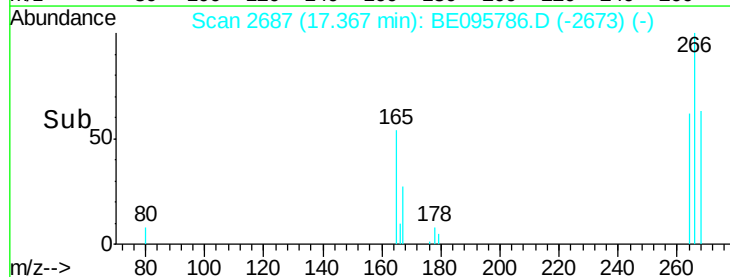
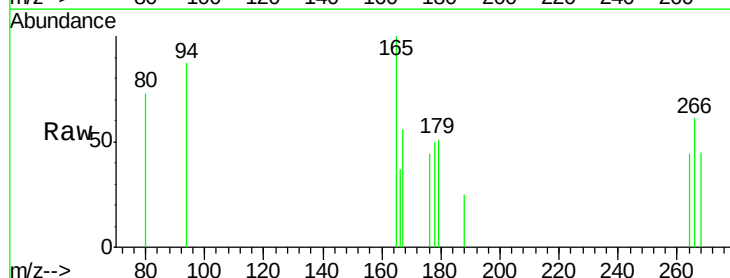
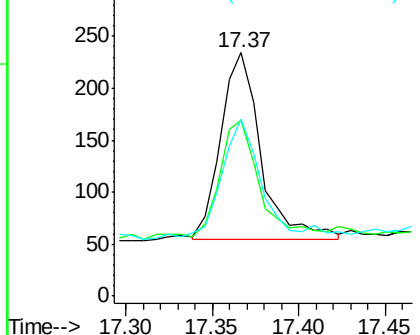
Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9
268	1.4	49.8	74.8

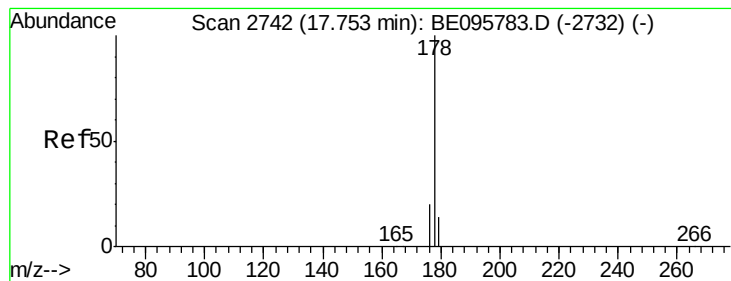
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.582 ng/ul m

RT: 17.75 min Scan# 2742

Delta R.T. 0.00 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Instrument :

BNA_E

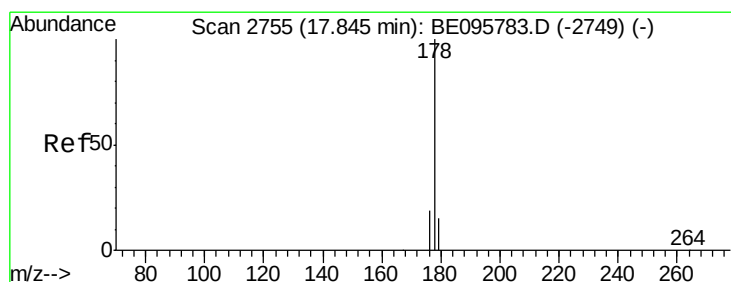
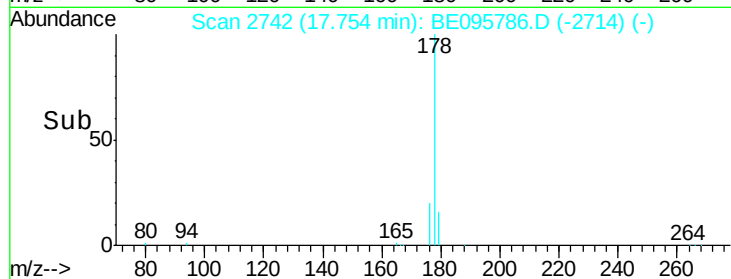
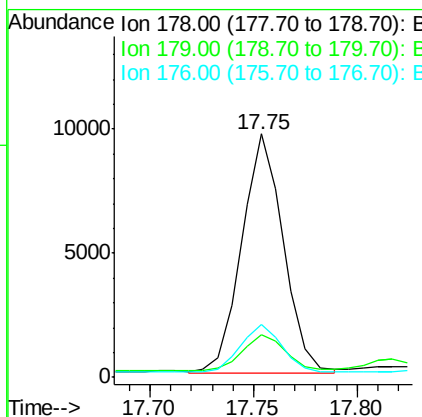
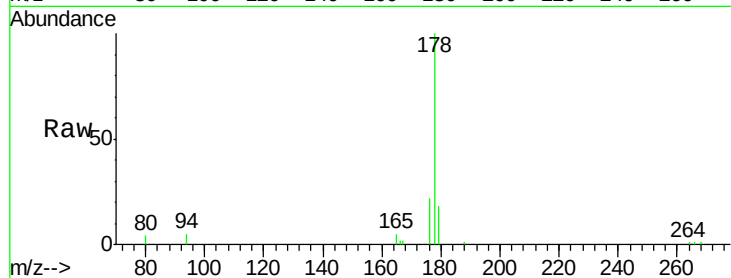
ClientSampled :

F6F47

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.4	27.6#
176	21.8	13.6	20.4#

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#13

Anthracene

Concen: 0.090 ng/ul m

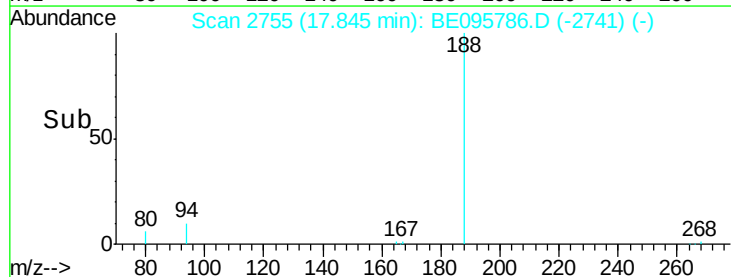
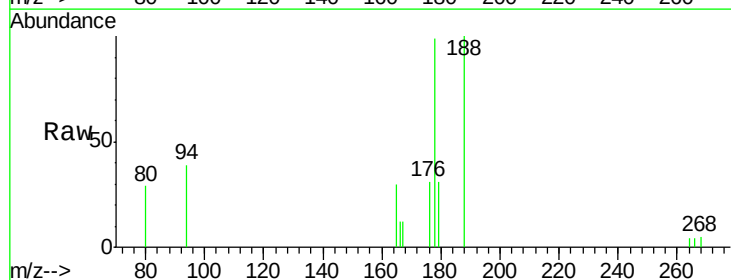
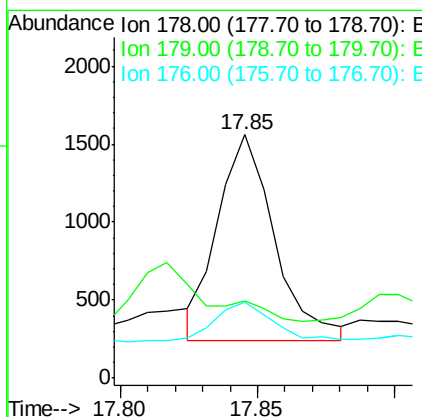
RT: 17.85 min Scan# 2755

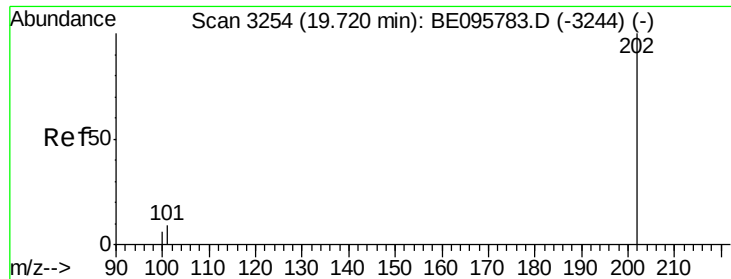
Delta R.T. 0.00 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	31.6	18.1	27.1#
176	31.2	14.7	22.1#





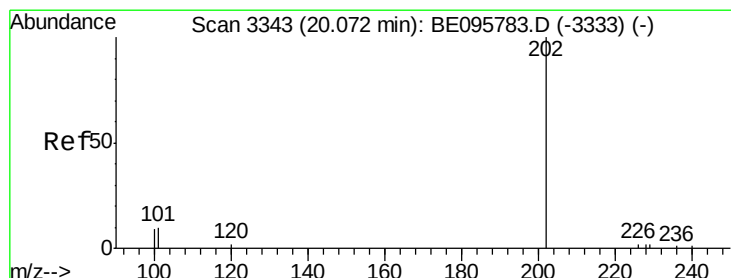
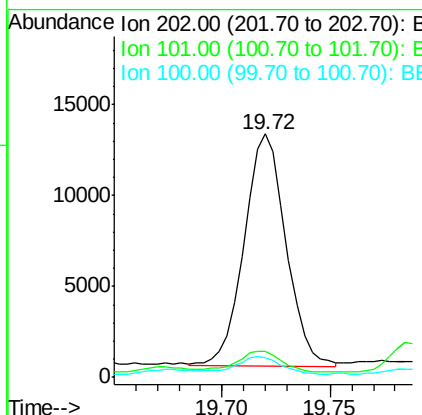
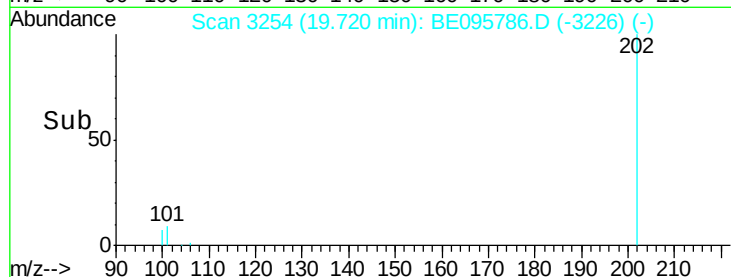
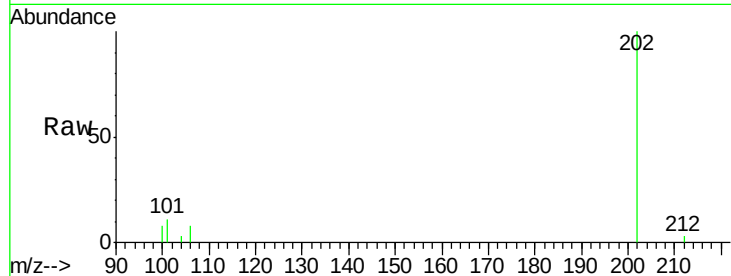
#15
Fluoranthene
Concen: 0.611 ng/ul m
RT: 19.72 min Scan# 3254
Delta R.T. 0.00 min
Lab File: BE095786.D
Acq: 15 Mar 2018 4:20

Instrument :
BNA_E
ClientSampled :
F6F47

Tot Ion:	202	Resp:	17040
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.3
100	8.2	0.0	39.5

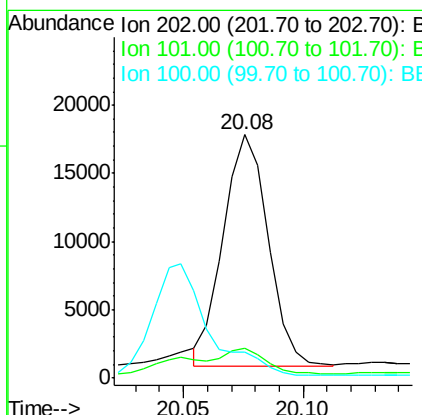
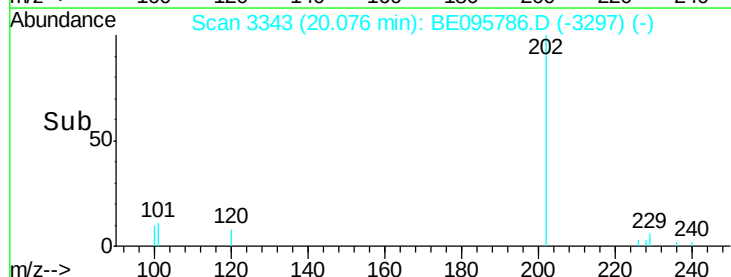
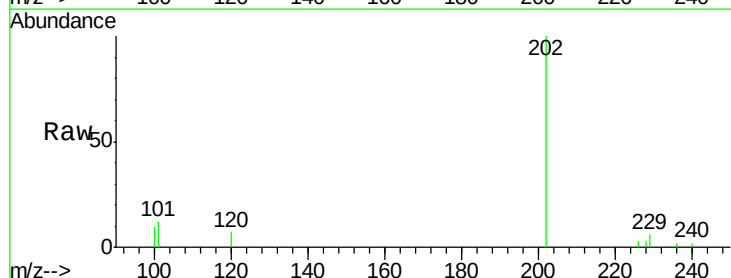
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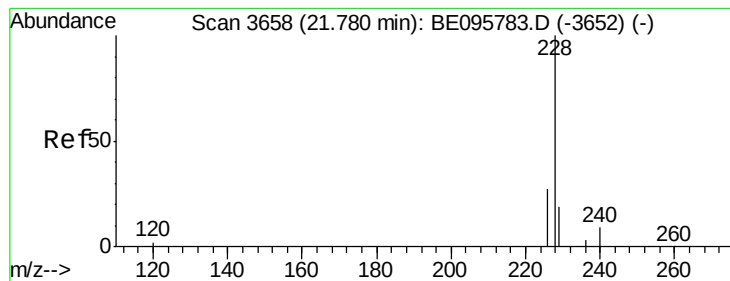
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#17
Pyrene
Concen: 0.835 ng/ul m
RT: 20.08 min Scan# 3343
Delta R.T. 0.00 min
Lab File: BE095786.D
Acq: 15 Mar 2018 4:20

Tgt Ion:	202	Resp:	21891
Ion Ratio	Lower	Upper	
202	100		
101	12.3	18.2	27.4#
100	10.5	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.408 ng/ul m

RT: 21.79 min Scan# 3658

Delta R.T. 0.01 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Instrument :

BNA_E

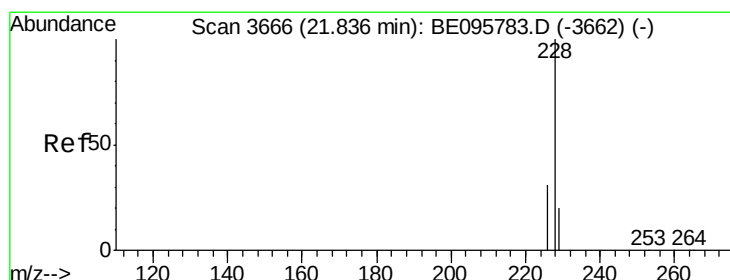
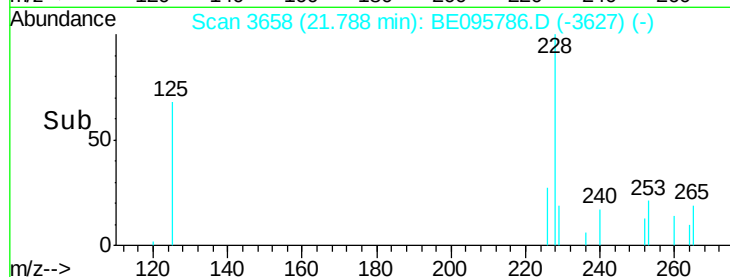
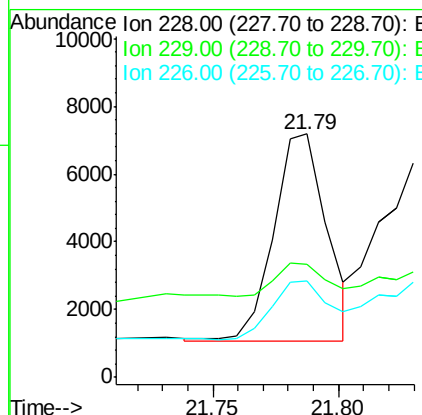
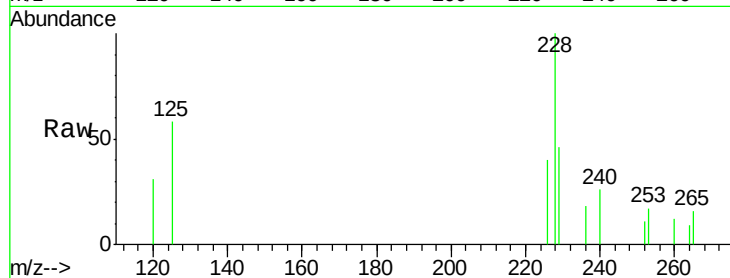
ClientSampled :

F6F47

Tot Ion:	228	Resp:	9088
Ion Ratio	Lower	Upper	
228	100		
229	46.5	22.8	34.2#
226	39.5	17.0	25.6#

Manual Integrations
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#19

Chrysene

Concen: 0.830 ng/ul m

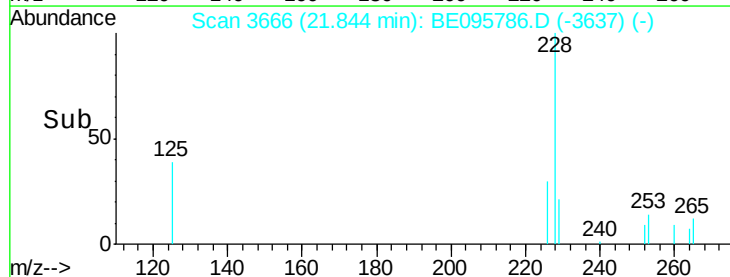
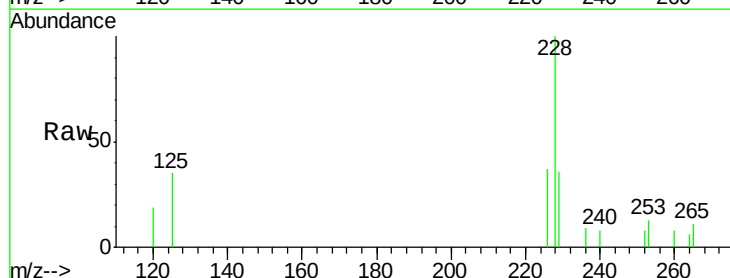
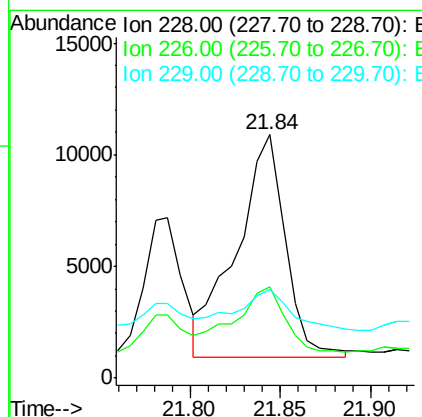
RT: 21.84 min Scan# 3666

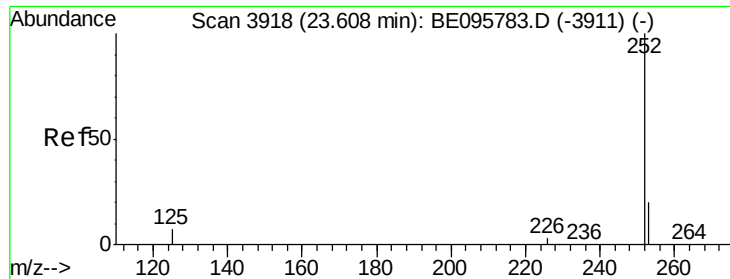
Delta R.T. 0.01 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Tgt Ion:	228	Resp:	18844
Ion Ratio	Lower	Upper	
228	100		
226	37.4	23.4	35.0#
229	36.3	17.7	26.5#





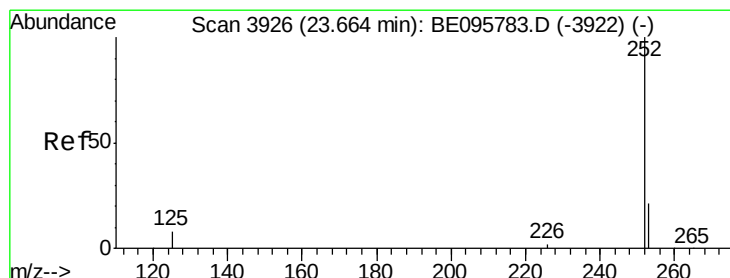
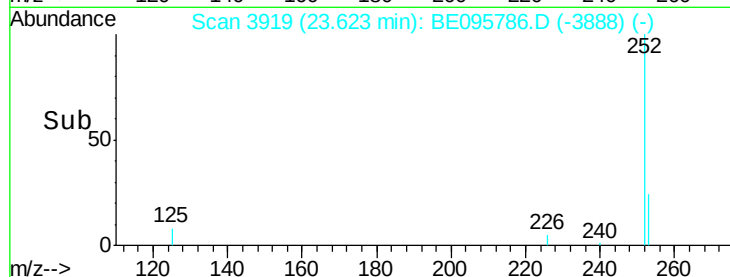
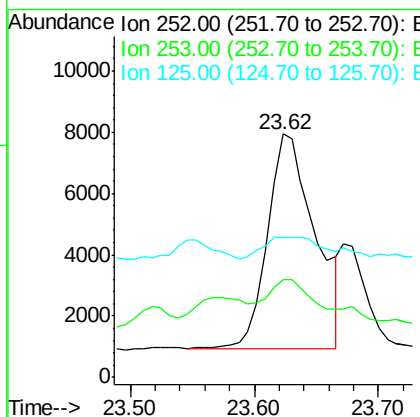
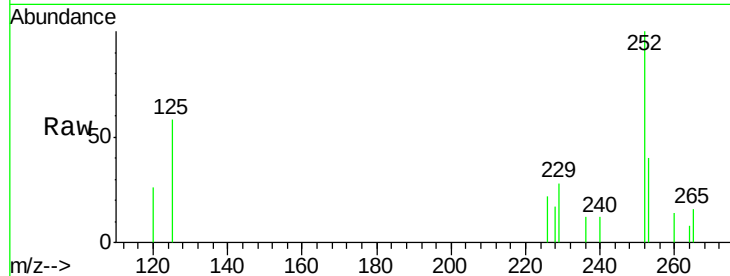
#21
Benzo(b)fluoranthene
Concen: 0.666 ng/ul m
RT: 23.62 min Scan# 3919
Delta R.T. 0.02 min
Lab File: BE095786.D
Acq: 15 Mar 2018 4:20

Instrument :
BNA_E
ClientSampled :
F6F47

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	40.1	0.0	64.2
125	57.6	0.0	35.0#

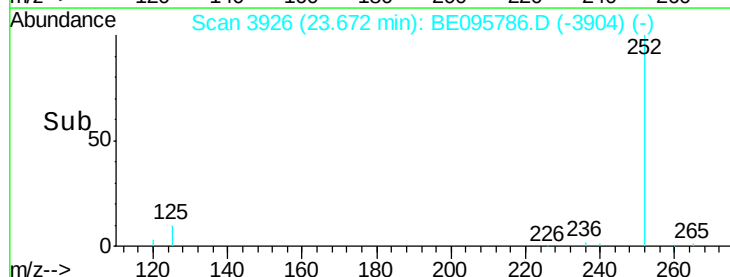
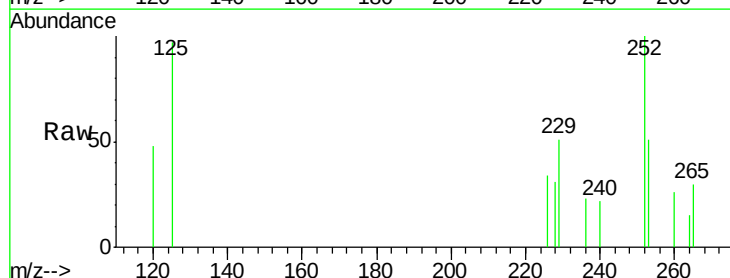
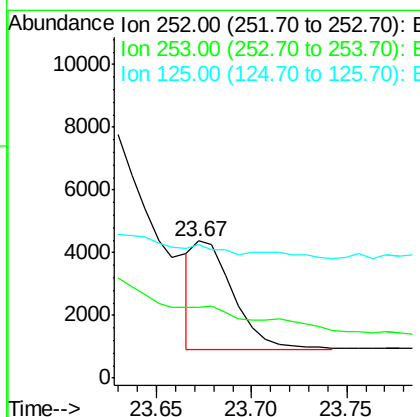
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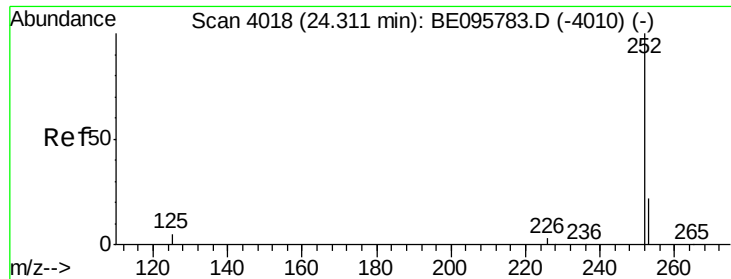
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#22
Benzo(k)fluoranthene
Concen: 0.192 ng/ul m
RT: 23.67 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BE095786.D
Acq: 15 Mar 2018 4:20

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	51.4	24.5	36.7#
125	97.2	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 24.33 min Scan# 4019

Delta R.T. 0.02 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Instrument :

BNA_E

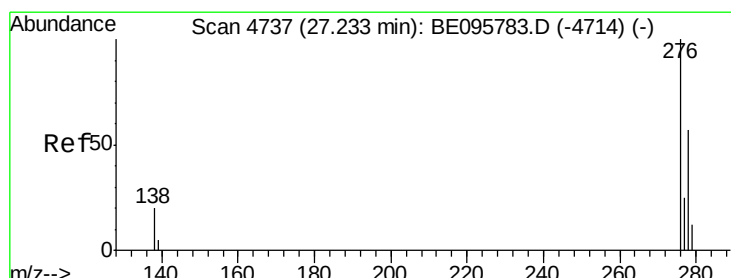
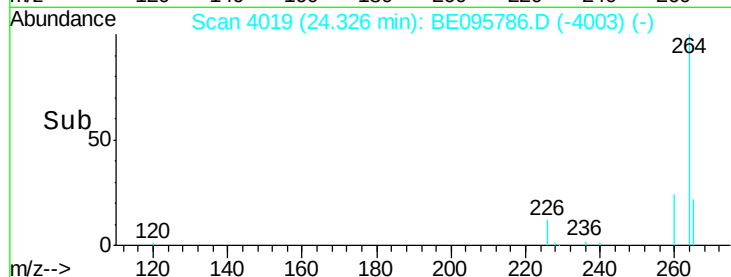
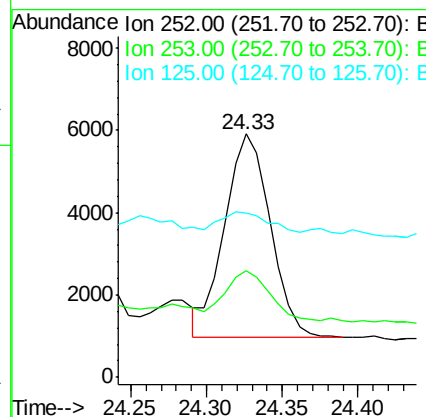
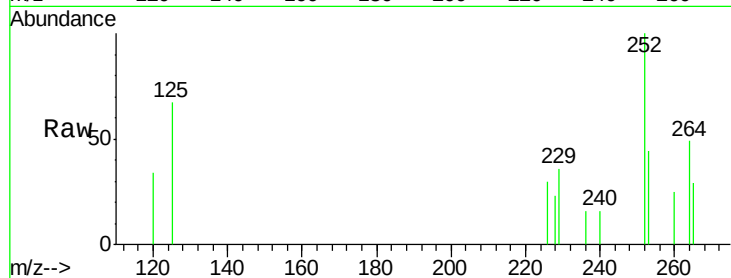
ClientSampleId :

F6F47

Tot Ion:	252	Resp:	10454
Ion Ratio	Lower	Upper	
252	100		
253	43.8	28.5	42.7#
125	67.2	18.1	27.1#

Manual Integrations
APPROVED

Sohil
3/15/2018 6:55:02 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng/ul

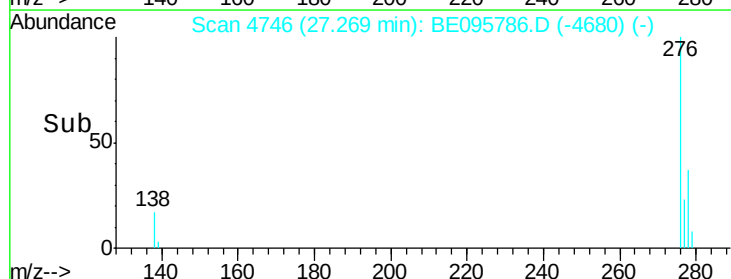
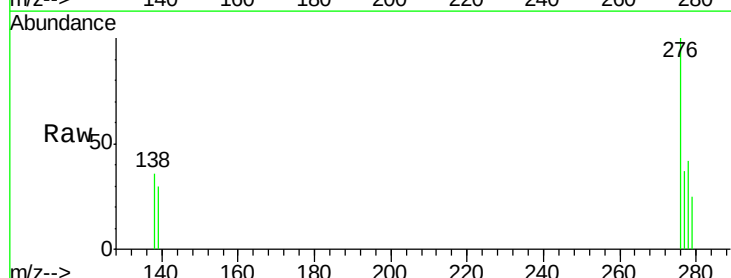
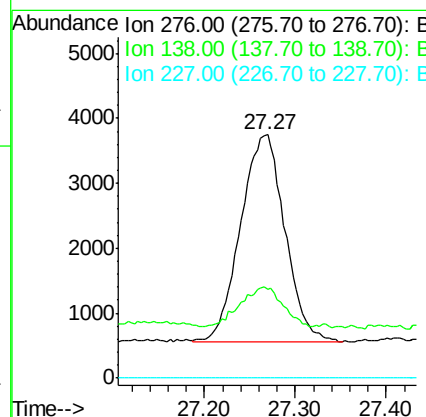
RT: 27.27 min Scan# 4746

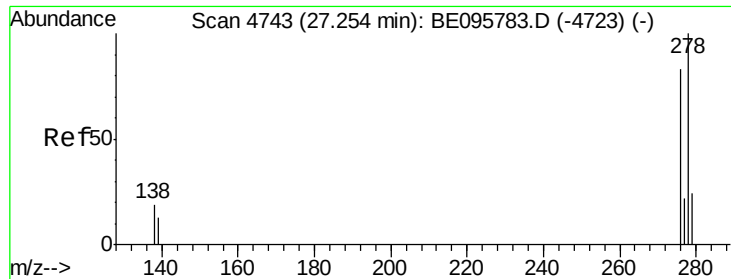
Delta R.T. 0.04 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Tgt Ion:	276	Resp:	10793
Ion Ratio	Lower	Upper	
276	100		
138	18.3	28.0	42.0#
227	0.0	8.0	12.0#





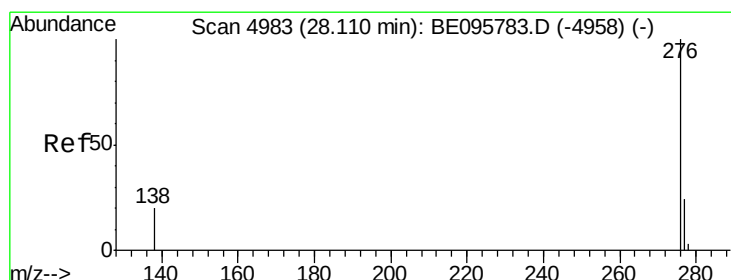
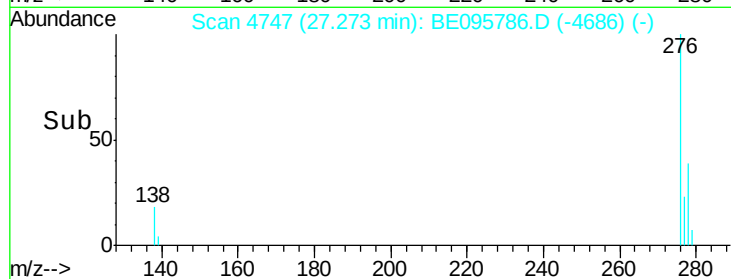
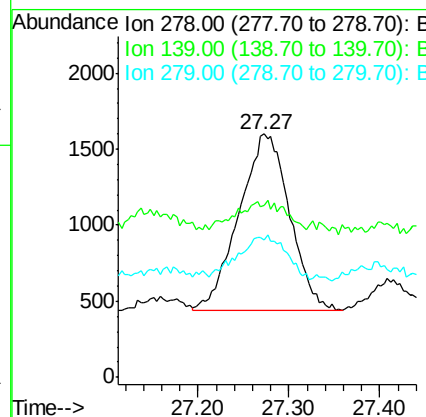
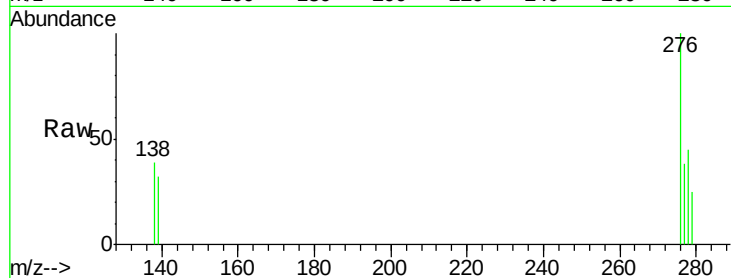
#25
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul
RT: 27.27 min Scan# 4747
Delta R.T. 0.02 min
Lab File: BE095786.D
Acq: 15 Mar 2018 4:20

Instrument :
BNA_E
ClientSampled :
F6F47

Tot Ion	Ratio	Lower	Upper
278	100		
139	70.7	17.4	26.0#
279	56.7	25.9	38.9#

Manual Integrations
APPROVED

Sohil
3/15/2018 6:55:02 PM



#26
Benzo(g,h,i)perylene
Concen: 0.602 ng/ul
RT: 28.15 min Scan# 4992
Delta R.T. 0.04 min
Lab File: BE095786.D
Acq: 15 Mar 2018 4:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.4	21.8	32.8
277	33.5	20.5	30.7#

