

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095197.D
 Acq On : 28 Jan 2018 9:18
 Operator : SJ/JU
 Sample : J1174-16DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A51DL

Manual Integrations
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Quant Time: Jan 29 01:29:56 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 01:25:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2965	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	9481	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5941	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	13193	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	14063	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	13341	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	380	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	1080	0.02	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.89	142	5675	0.320	ng/ul	100
8) Acenaphthene	15.08	153	10448	0.471	ng/ul	97
9) Fluorene	16.03	166	9966	0.436	ng/ul#	74
11) Pentachlorophenol	17.36	266	113	0.044	ng/ul	97
12) Phenanthrene	17.75	178	63154	1.423	ng/ul#	87
13) Anthracene	17.85	178	9119	0.225	ng/ul#	92
15) Fluoranthene	19.72	202	51679	0.900	ng/ul	84
17) Pyrene	20.08	202	39172	0.830	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	8212	0.187	ng/ul#	88
19) Chrysene	21.84	228	7193	0.158	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	5333m	0.113	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	1922m	0.045	ng/ul	
23) Benzo(a)pyrene	24.32	252	3180	0.076	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	27.24	276	1349	0.029	ng/ul#	79
26) Benzo(g,h,i)perylene	28.11	276	1231	0.032	ng/ul#	77

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

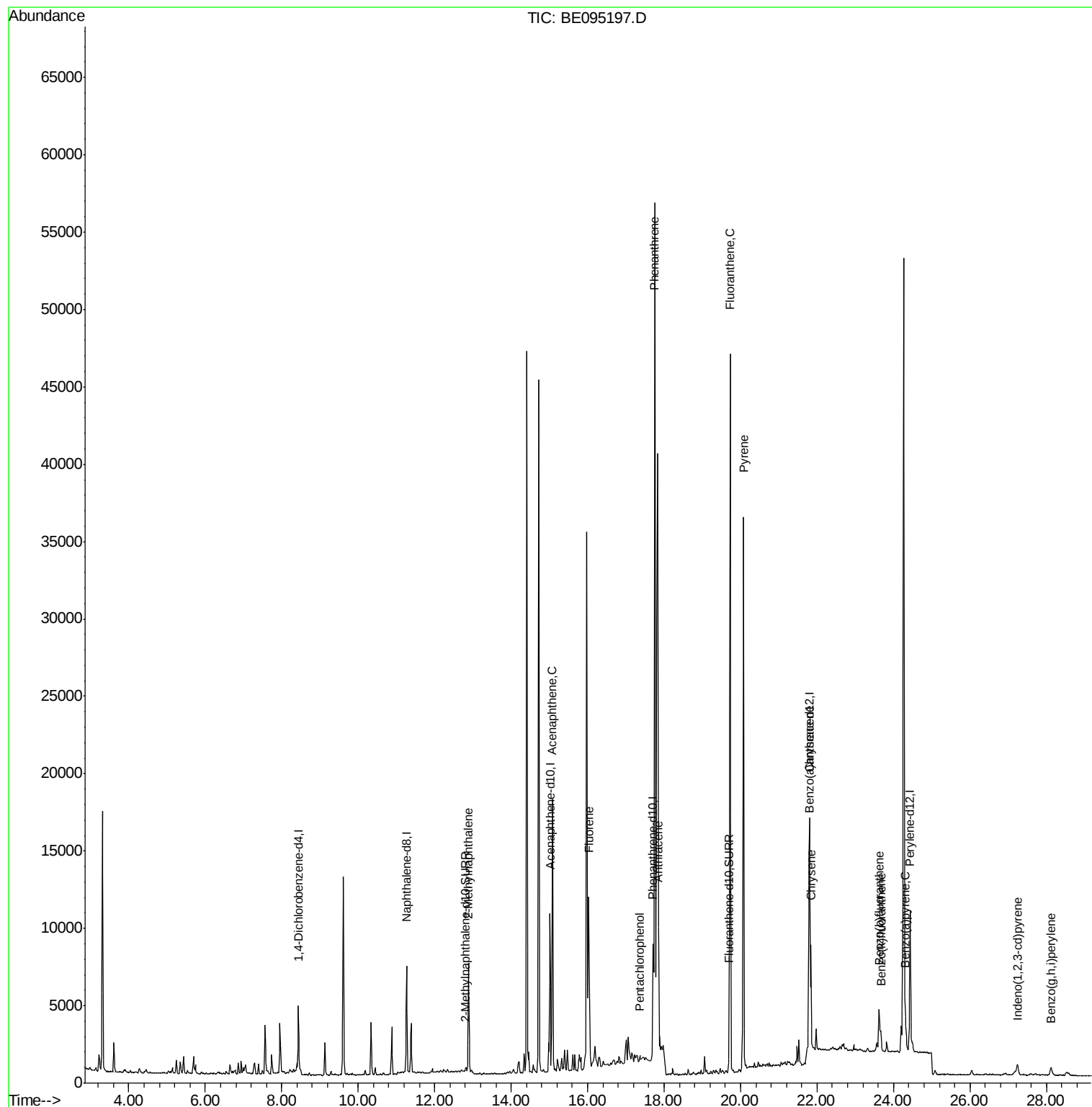
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
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ALS Vial : 36 Sample Multiplier: 1

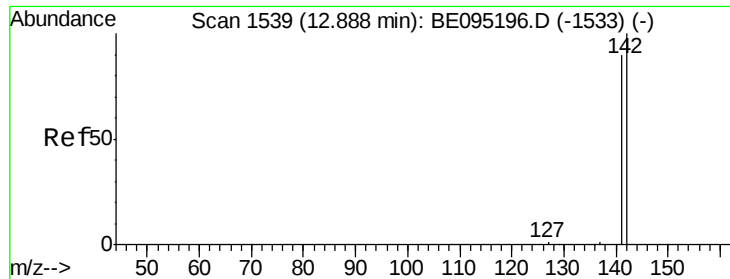
Instrument :
BNA_E
ClientSampleId :
F6A51DL

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5

2-Methylnaphthalene

Concen: 0.320 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Instrument :

BNA_E

ClientSampleId :

F6A51DL

Tot Ion:142 Resp: 5675

Ion Ratio Lower Upper

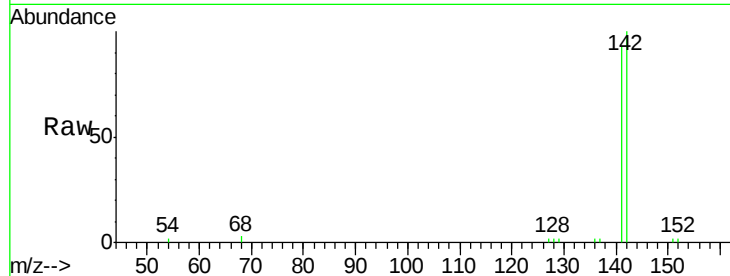
142 100

141 90.5 72.6 108.8

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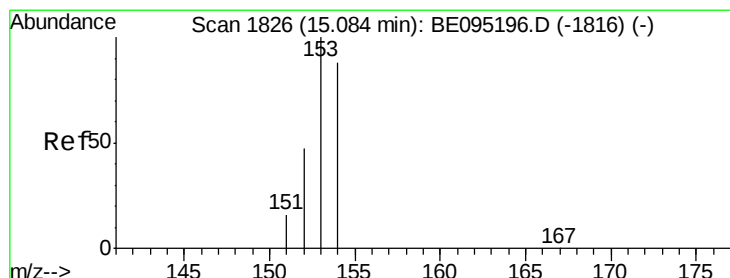
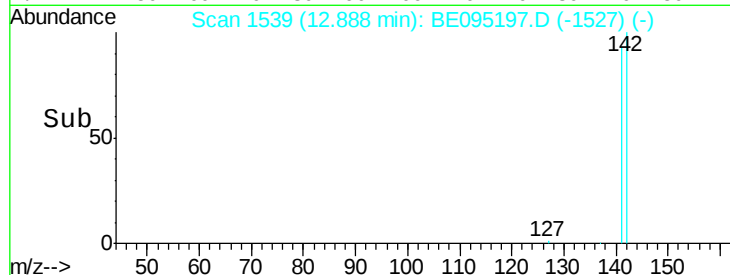
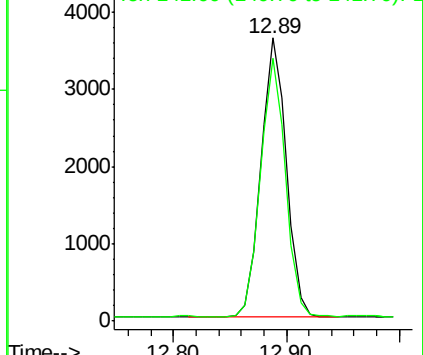
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

Acenaphthene

Concen: 0.471 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

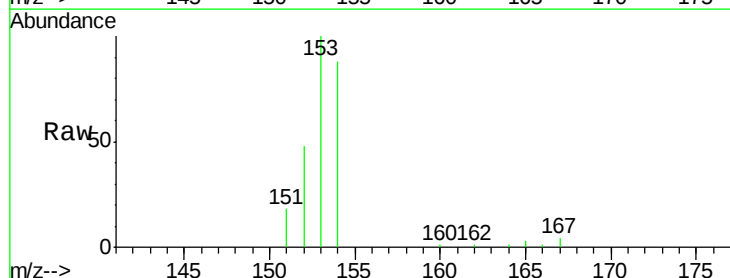
Tgt Ion:153 Resp: 10448

Ion Ratio Lower Upper

153 100

152 48.4 36.0 54.0

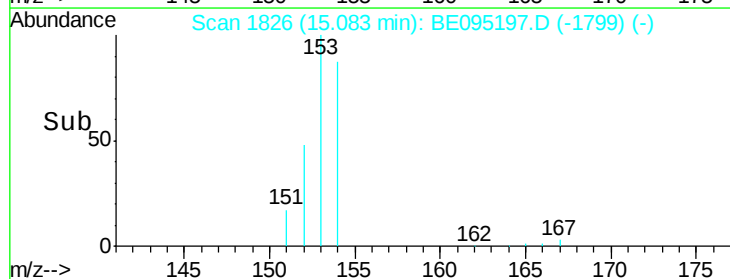
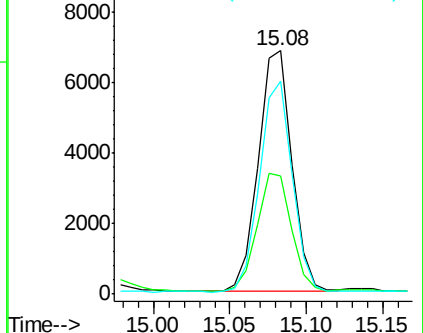
154 87.6 72.0 108.0

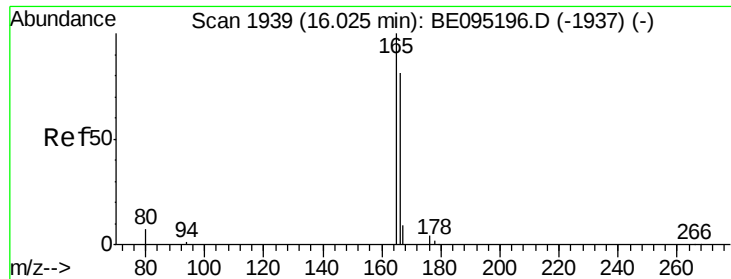


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





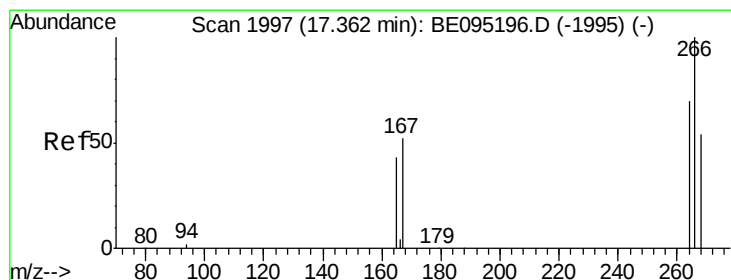
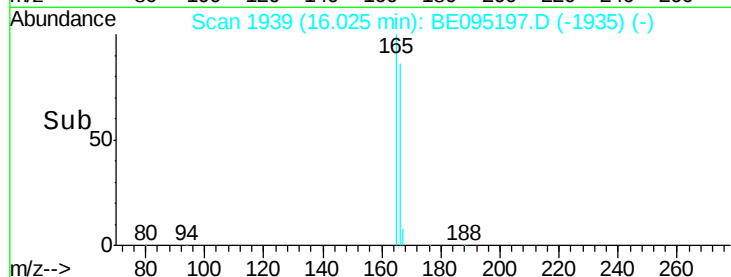
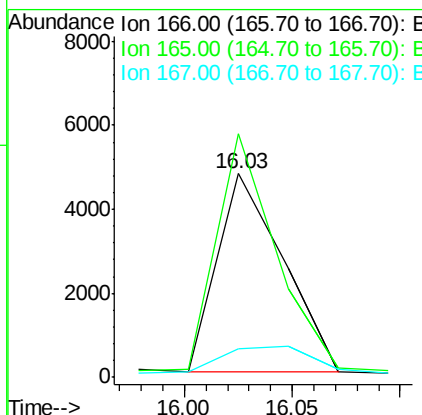
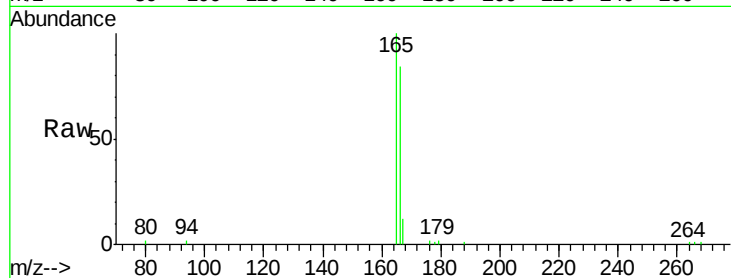
#9
Fluorene
 Concen: 0.436 ng/ul
 RT: 16.03 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BE095197.D
 Acq: 28 Jan 2018 9:18

Instrument :
 BNA_E
 ClientSampleId :
 F6A51DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	119.7	73.4	110.2#
167	14.0	14.6	22.0#

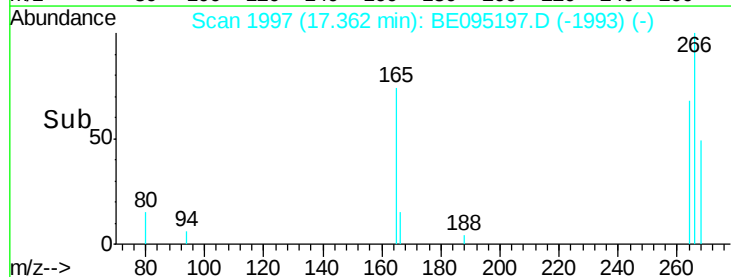
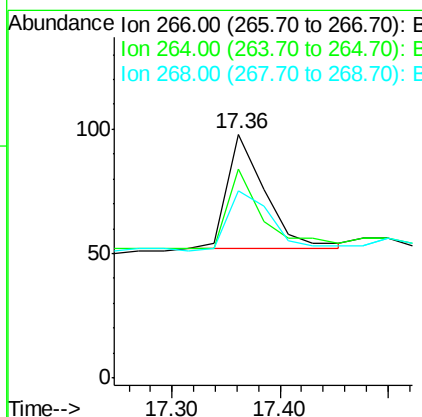
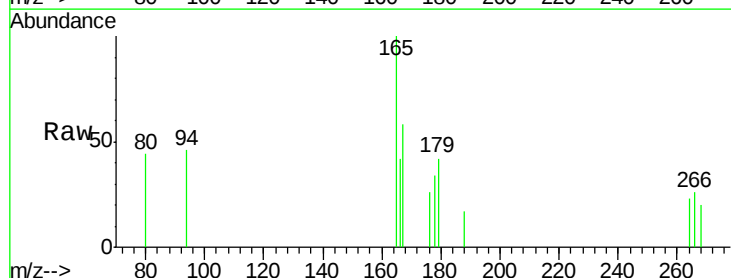
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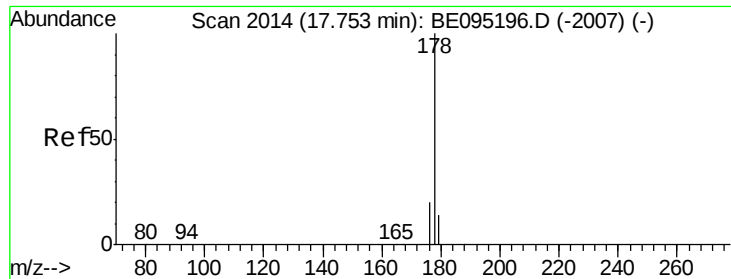
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#11
Pentachlorophenol
 Concen: 0.044 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BE095197.D
 Acq: 28 Jan 2018 9:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.6	47.9	71.9
268	62.8	49.8	74.8





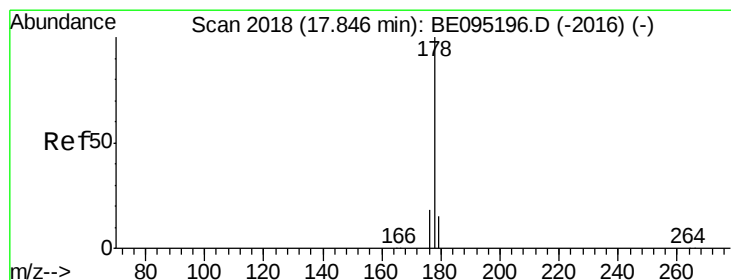
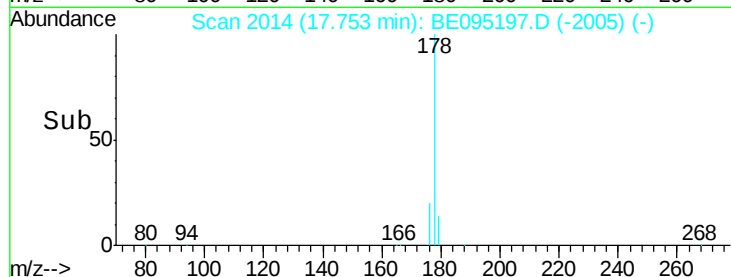
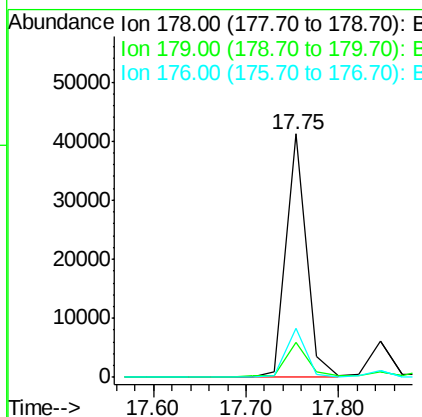
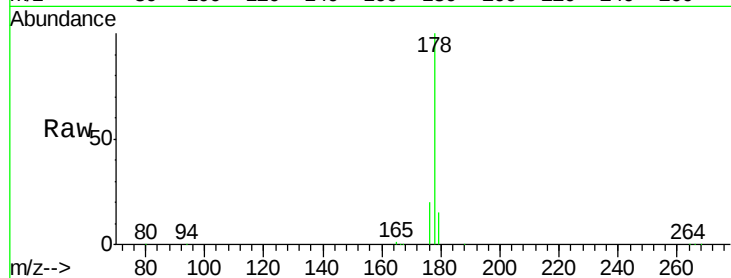
#12
Phenanthrene
Concen: 1.423 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095197.D
Acq: 28 Jan 2018 9:18

Instrument :
BNA_E
ClientSampled :
F6A51DL

Tot Ion:178 Resp: 63154
Ion Ratio Lower Upper
178 100
179 14.6 18.4 27.6#
176 20.2 13.6 20.4

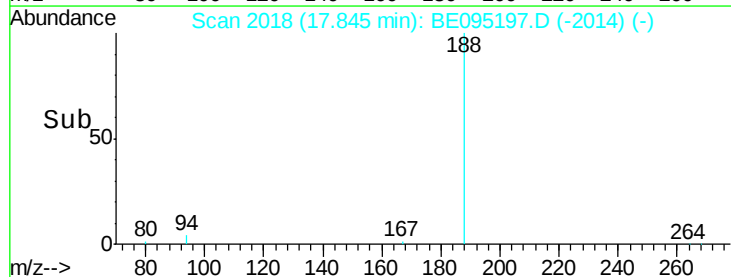
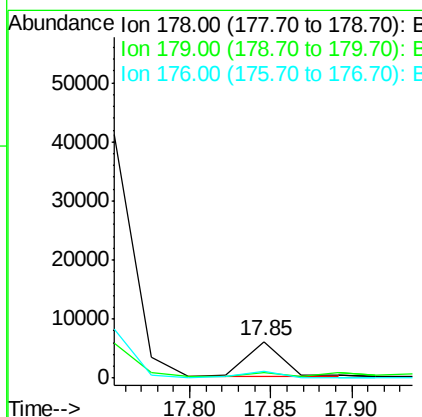
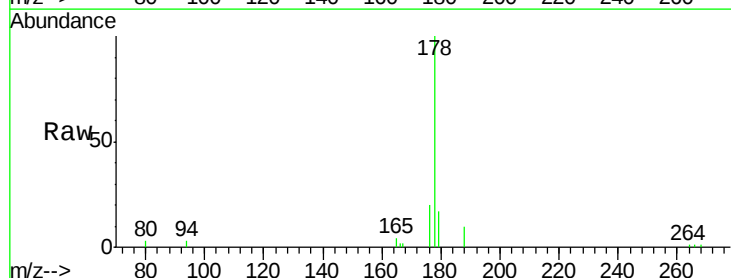
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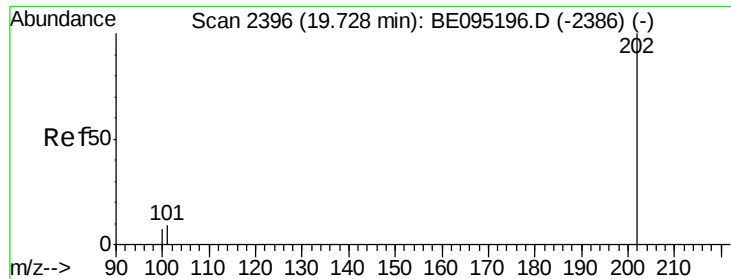
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#13
Anthracene
Concen: 0.225 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095197.D
Acq: 28 Jan 2018 9:18

Tgt Ion:178 Resp: 9119
Ion Ratio Lower Upper
178 100
179 16.8 18.1 27.1#
176 20.1 14.7 22.1





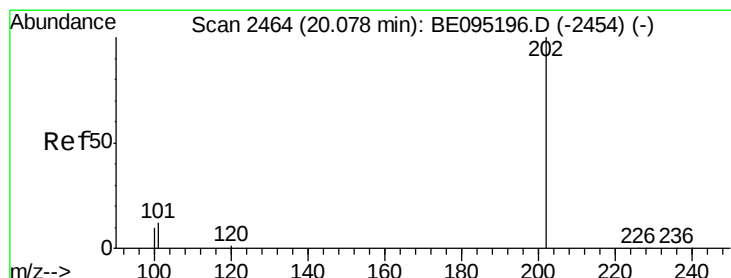
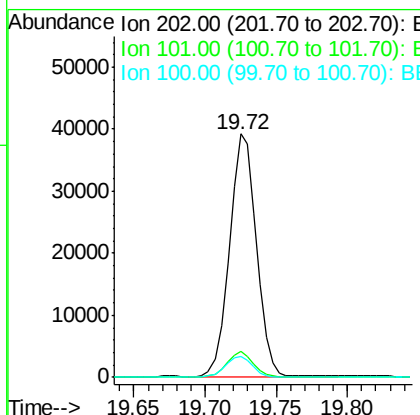
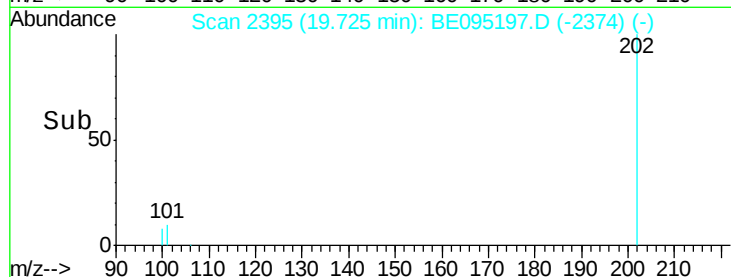
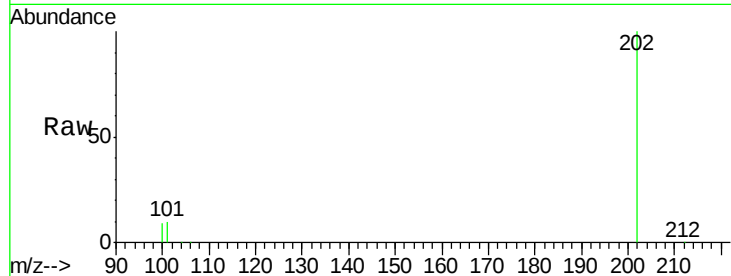
#15
Fluoranthene
 Concen: 0.900 ng/ul
 RT: 19.72 min Scan# 2395
 Delta R.T. -0.00 min
 Lab File: BE095197.D
 Acq: 28 Jan 2018 9:18

Instrument :
 BNA_E
 ClientSampleId :
 F6A51DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	30.3
100	8.6	0.0	39.5

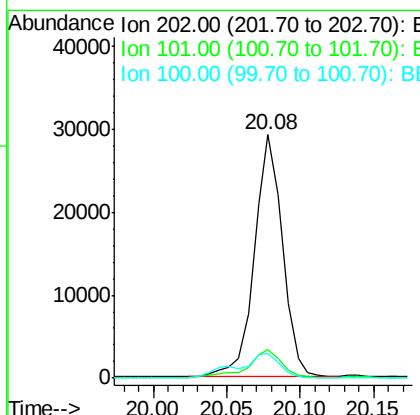
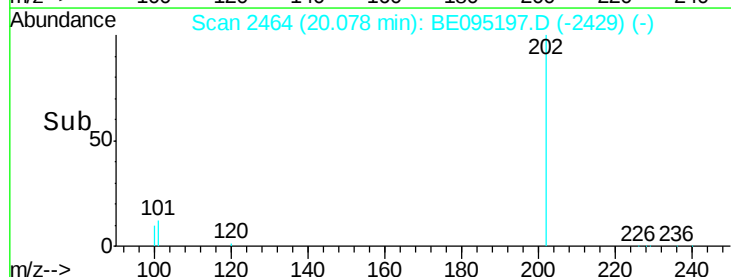
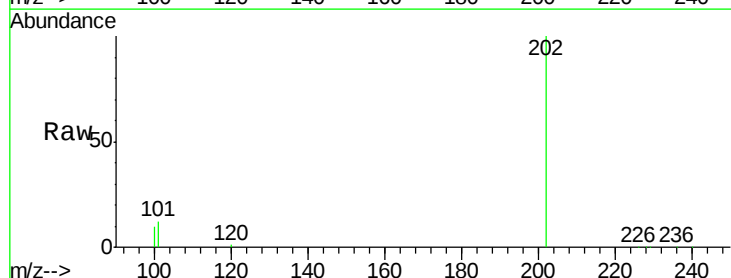
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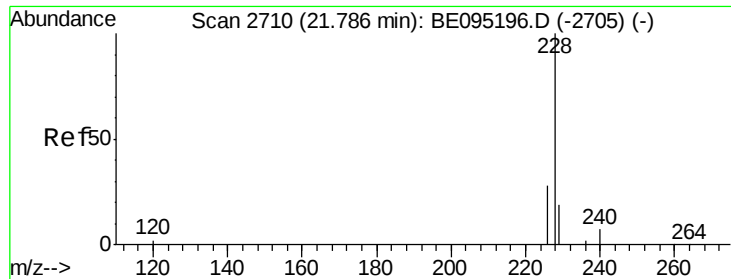
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#17
Pyrene
 Concen: 0.830 ng/ul
 RT: 20.08 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BE095197.D
 Acq: 28 Jan 2018 9:18

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	18.2	27.4#
100	10.4	15.6	23.4#





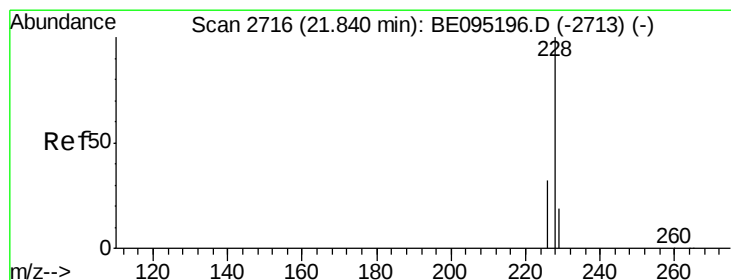
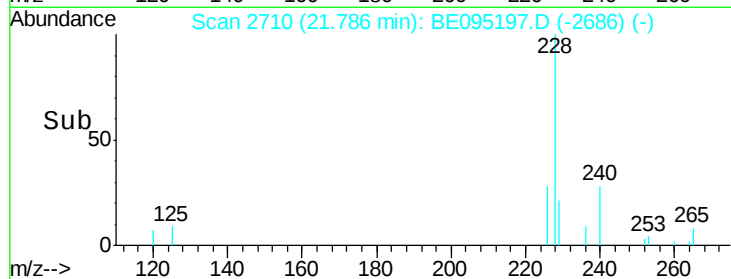
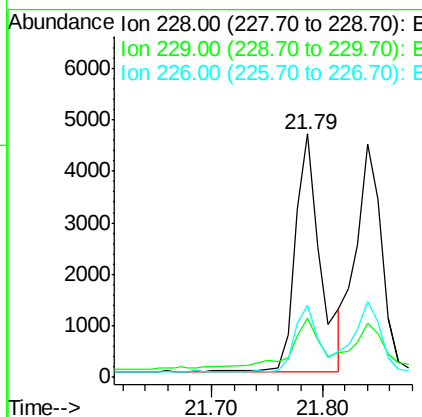
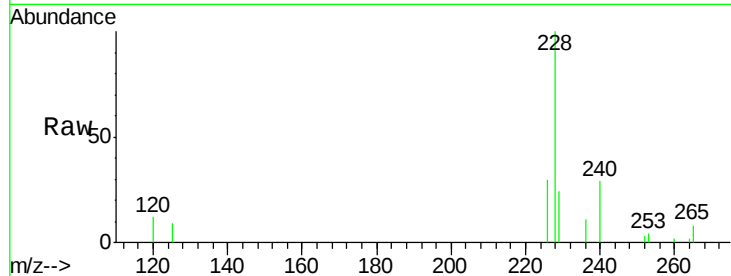
#18
Benzo(a)anthracene
Concen: 0.187 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095197.D
Acq: 28 Jan 2018 9:18

Instrument :
BNA_E
ClientSampleId :
F6A51DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.3	22.8	34.2
226	29.7	17.0	25.6

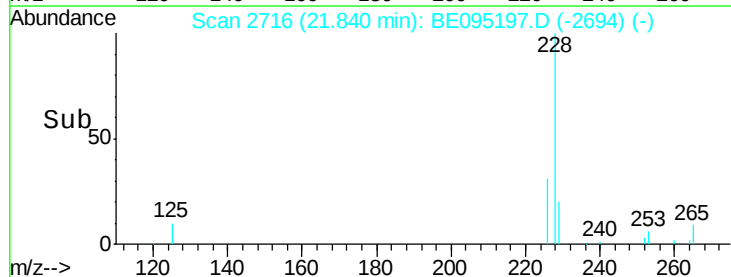
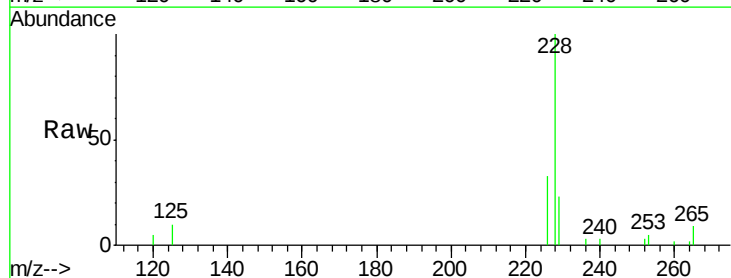
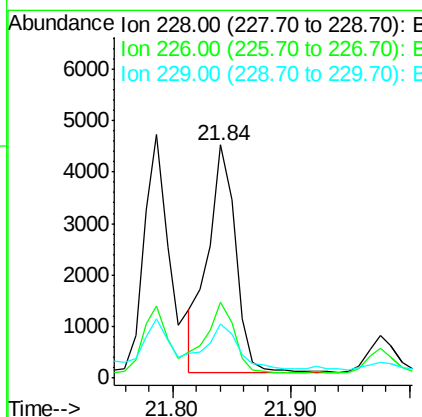
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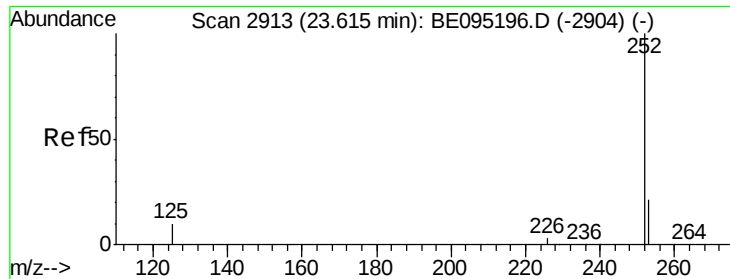
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#19
Chrysene
Concen: 0.158 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095197.D
Acq: 28 Jan 2018 9:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.4	35.0
229	23.4	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.113 ng/ul m

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Instrument :

BNA_E

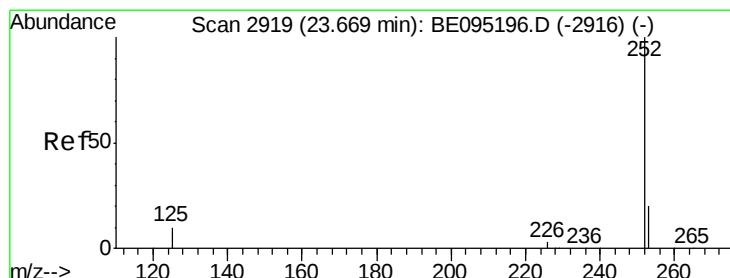
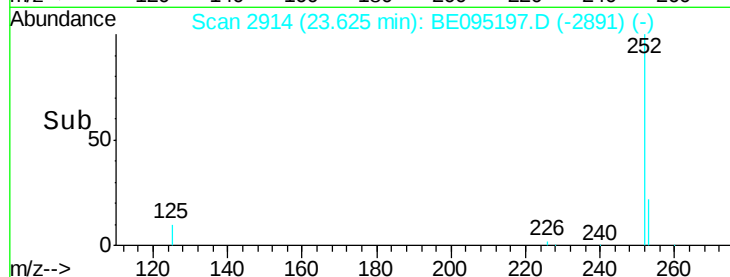
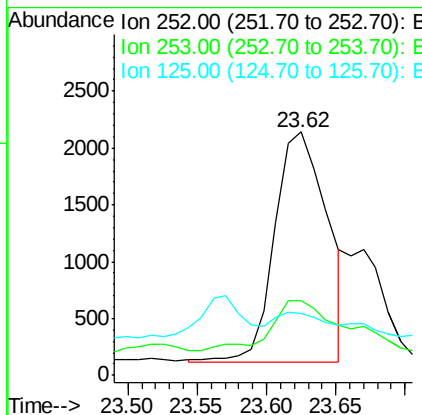
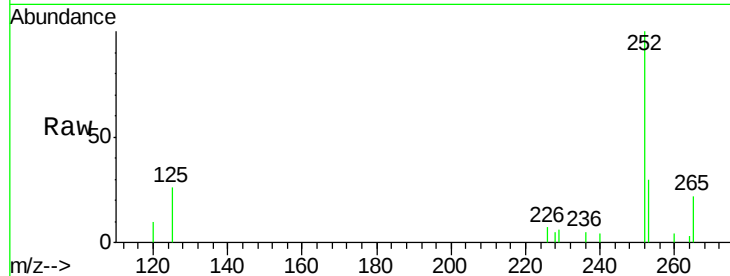
ClientSampleID :

F6A51DL

Tot Ion:	252	Resp:	5333
Ion Ratio	Lower	Upper	
252	100		
253	30.5	0.0	64.2
125	25.5	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.045 ng/ul m

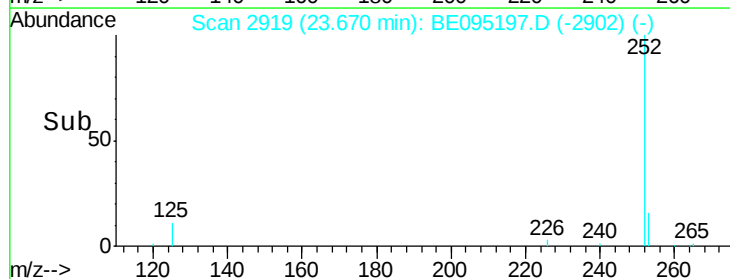
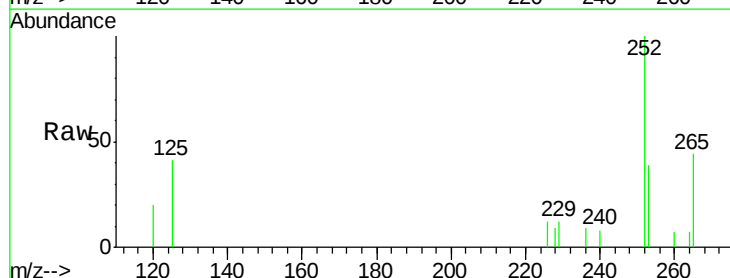
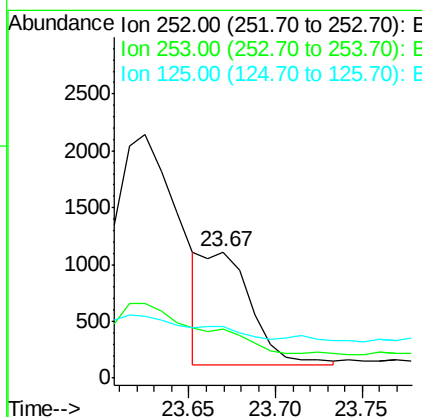
RT: 23.67 min Scan# 2919

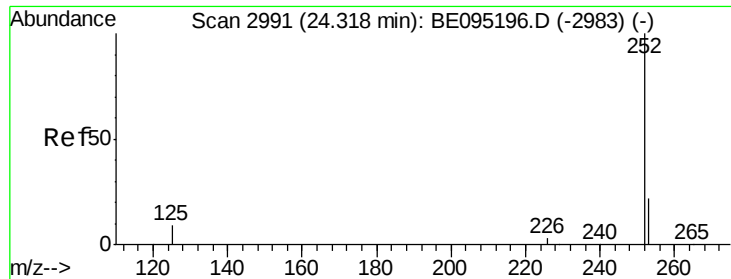
Delta R.T. 0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Tgt Ion:	252	Resp:	1922
Ion Ratio	Lower	Upper	
252	100		
253	38.6	24.5	36.7#
125	41.1	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.076 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Instrument :

BNA_E

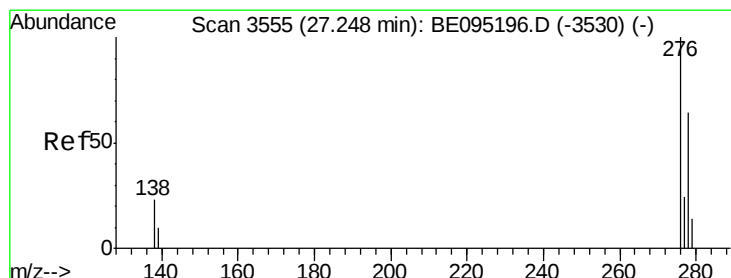
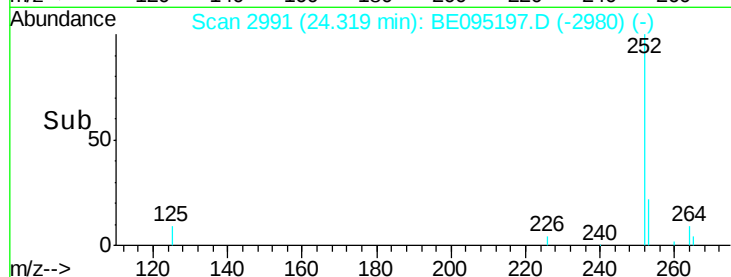
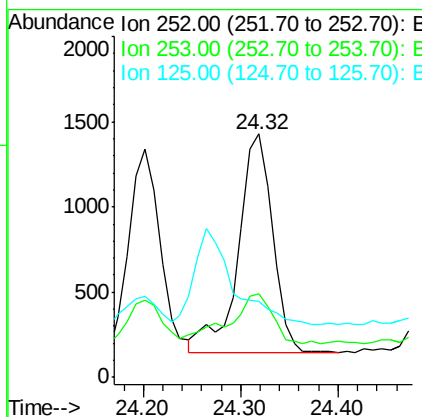
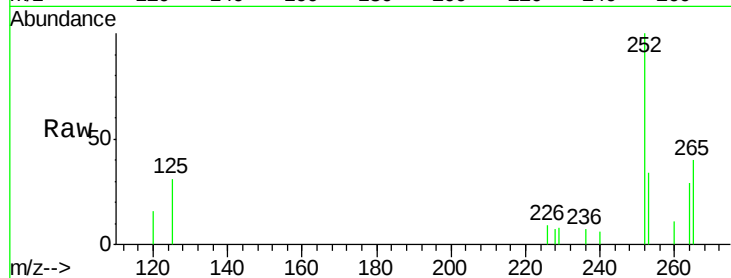
ClientSampled :

F6A51DL

Tot Ion:	252	Resp:	3180
Ion Ratio	Lower	Upper	
252	100		
253	34.1	28.5	42.7
125	31.1	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng/ul

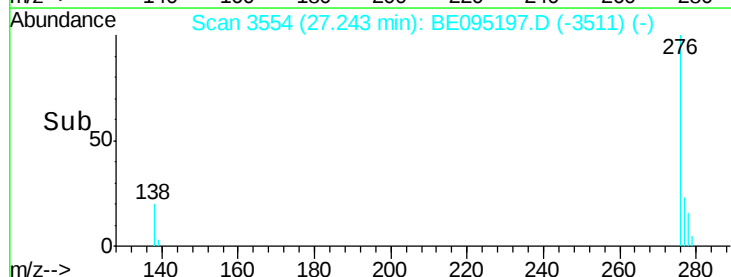
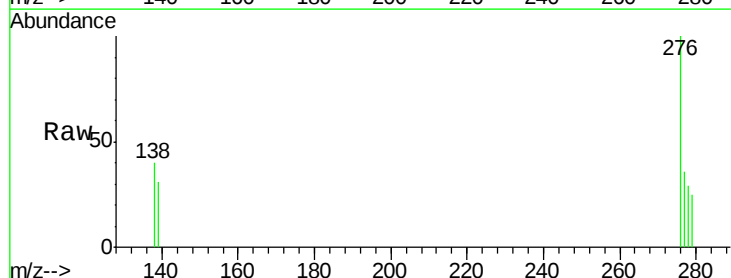
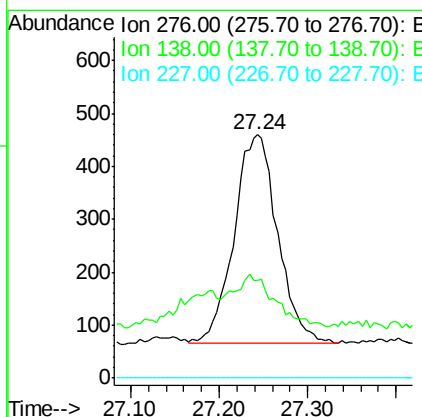
RT: 27.24 min Scan# 3554

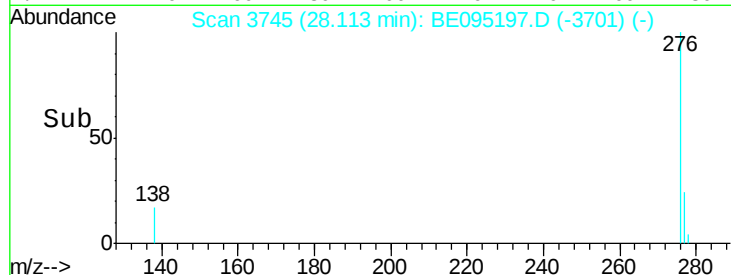
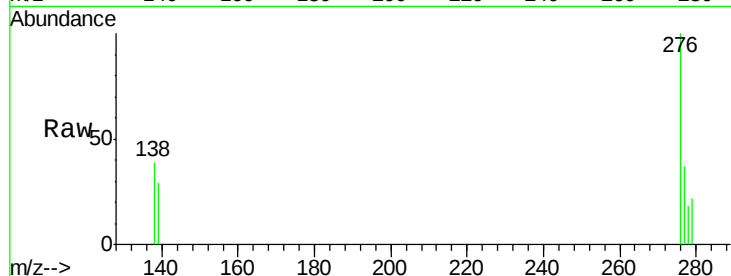
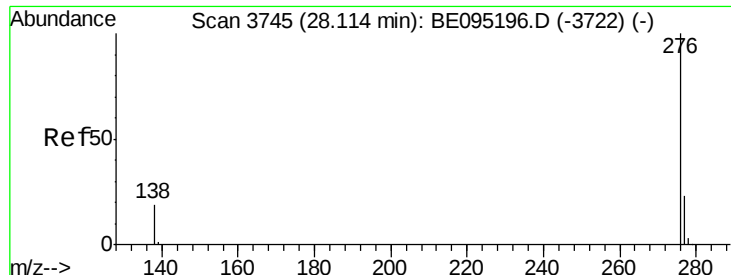
Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Tgt Ion:	276	Resp:	1349
Ion Ratio	Lower	Upper	
276	100		
138	23.9	28.0	42.0#
227	0.0	8.0	12.0#





#26
 Benzo(a,h,i)perylene
 Concen: 0.032 ng/ul
 RT: 28.11 min Scan# 3745
 Delta R.T. -0.00 min
 Lab File: BE095197.D
 Acq: 28 Jan 2018 9:18

Instrument :
 BNA_E
 ClientSampleId :
 F6A51DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	39.1	21.8	32.8#
277	37.1	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:43 PM

