

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095297.D
 Acq On : 31 Jan 2018 3:02
 Operator : SJ/JU
 Sample : J1223-15DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B01DL

Manual Integrations
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Sohil
 1/31/2018 8:28:34 PM

Quant Time: Jan 31 04:04:43 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 03:40:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2557	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7895	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5493	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10206	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10718	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10629	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	718	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2046	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	44943	2.033	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	28459	1.928	ng/ul	99
7) Acenaphthylene	14.74	152	1221	0.046	ng/ul#	58
8) Acenaphthene	15.08	153	24086	1.175	ng/ul	93
9) Fluorene	16.02	166	35767	1.692	ng/ul#	77
11) Pentachlorophenol	17.36	266	11529	5.832	ng/ul	96
12) Phenanthrene	17.75	178	257196	7.493	ng/ul#	87
13) Anthracene	17.85	178	30123	0.959	ng/ul#	92
15) Fluoranthene	19.72	202	180641	4.064	ng/ul	83
17) Pyrene	20.08	202	142227	3.955	ng/ul#	77
18) Benzo(a)anthracene	21.79	228	29945	0.894	ng/ul#	87
19) Chrysene	21.84	228	19230	0.553	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	12048m	0.321	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	4665m	0.136	ng/ul	
23) Benzo(a)pyrene	24.32	252	5763	0.172	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	27.24	276	2106	0.057	ng/ul#	76
25) Dibenzo(a,h)anthracene	27.27	278	620	0.021	ng/ul#	34
26) Benzo(g,h,i)perylene	28.12	276	1791	0.058	ng/ul#	85

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

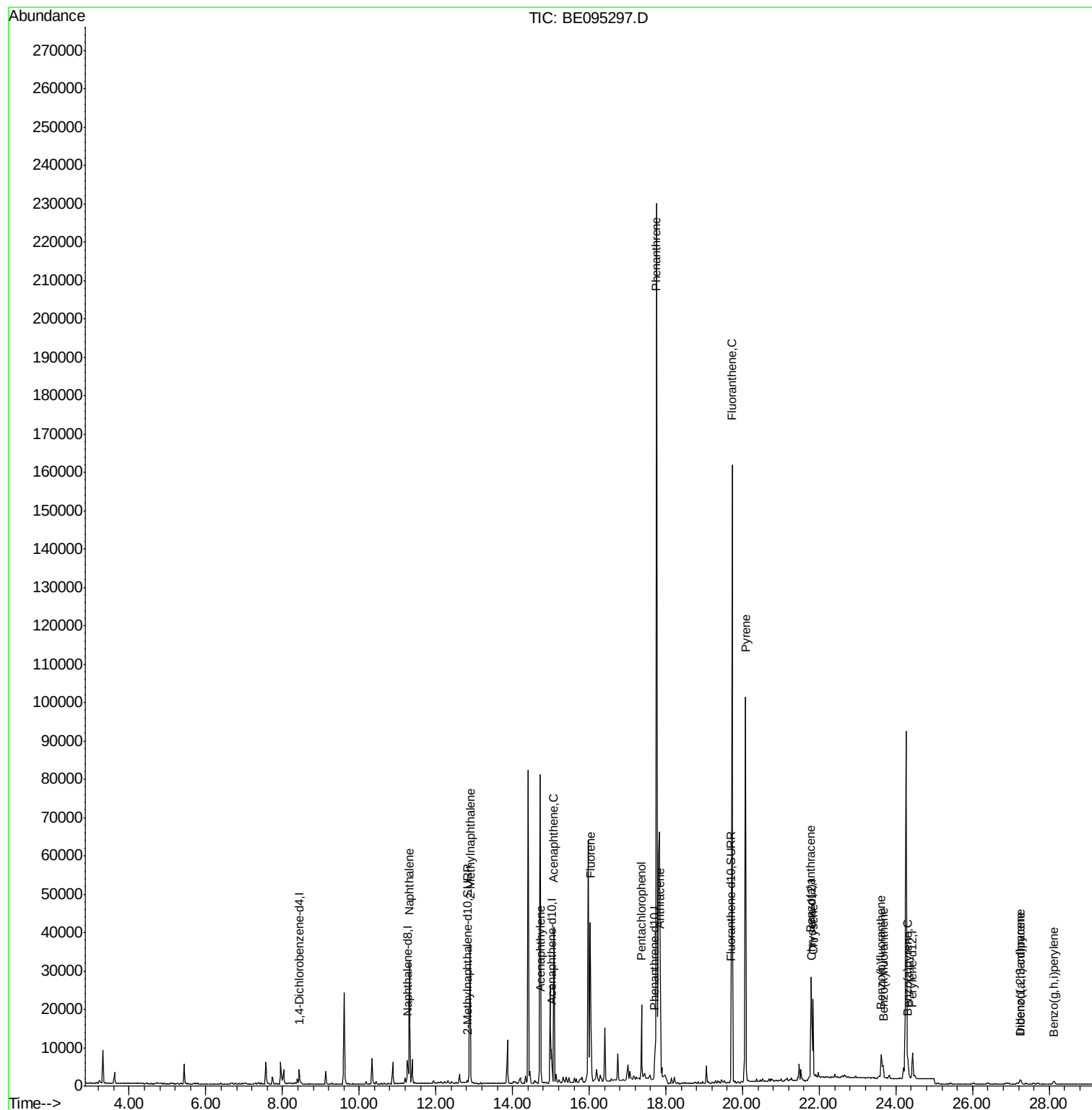
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
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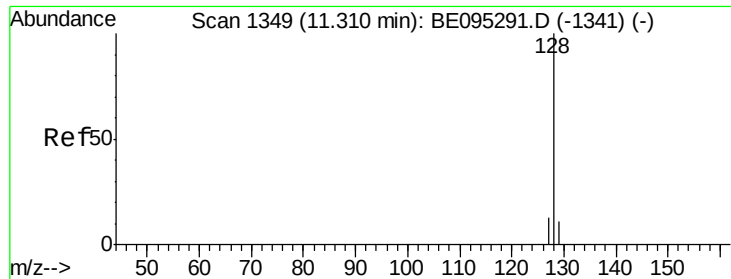
Instrument :
BNA_E
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F6B01DL

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#3

Naphthalene

Concen: 2.033 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Instrument :

BNA_E

ClientSampleId :

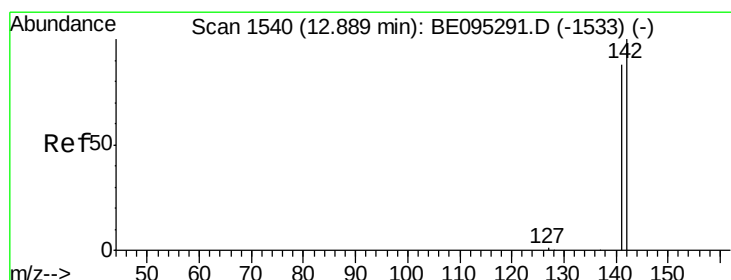
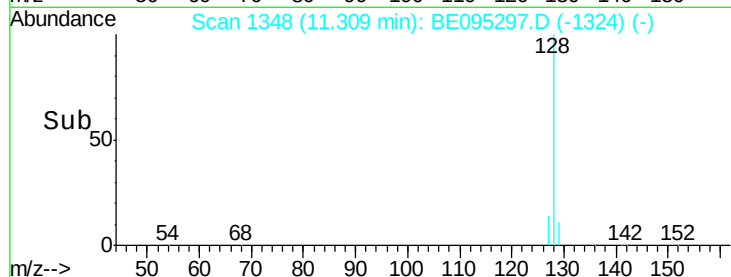
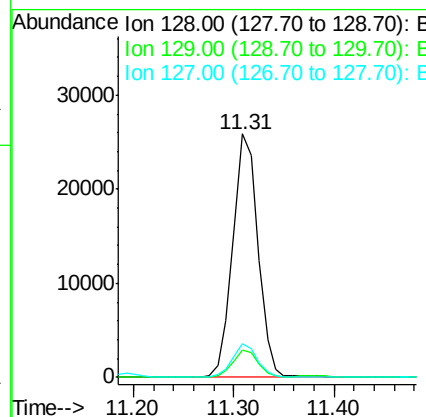
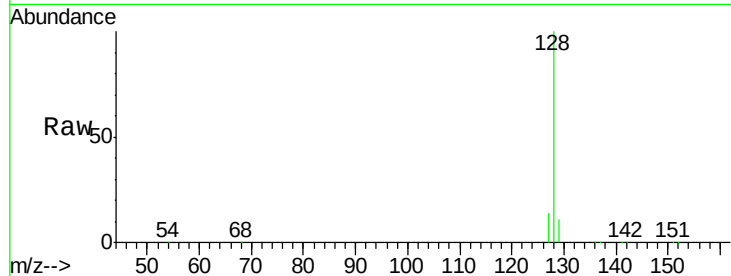
F6B01DL

Tot Ion:128 Resp: 44943

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	13.7	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 1.928 ng/ul

RT: 12.89 min Scan# 1539

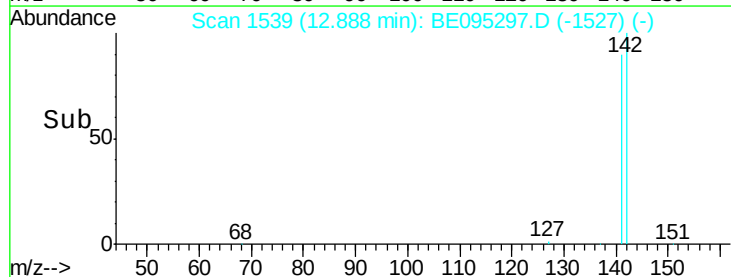
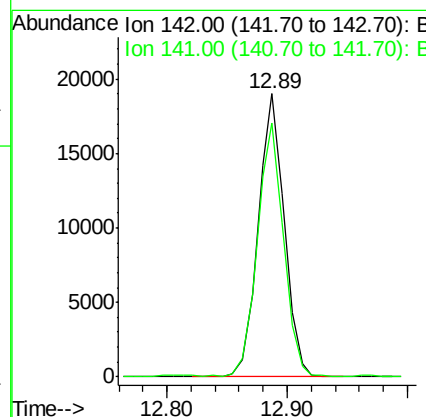
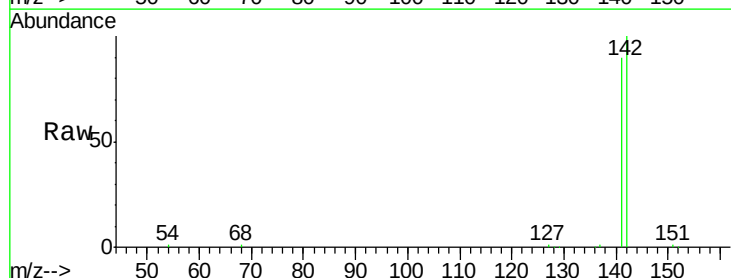
Delta R.T. -0.00 min

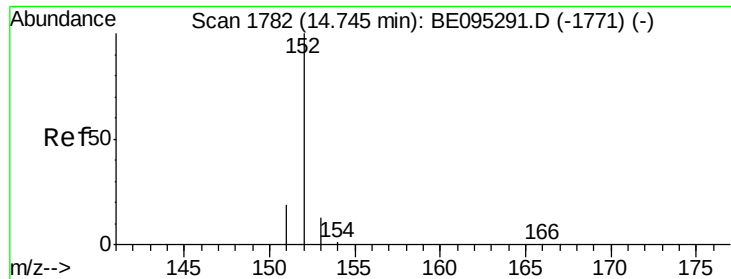
Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Tgt Ion:142 Resp: 28459

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.046 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Instrument :

BNA_E

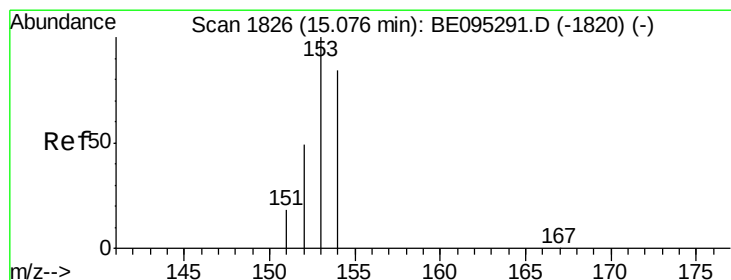
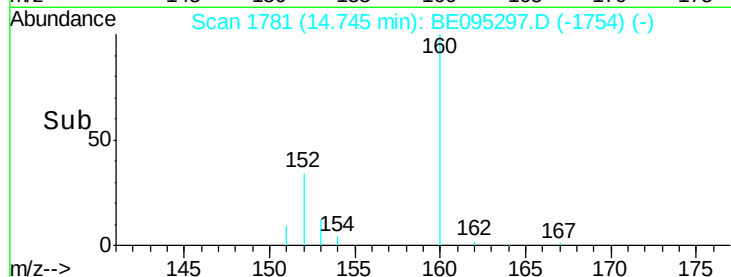
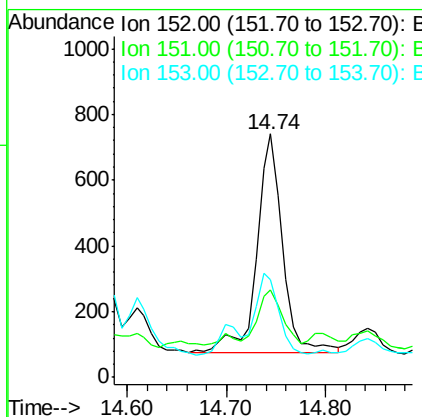
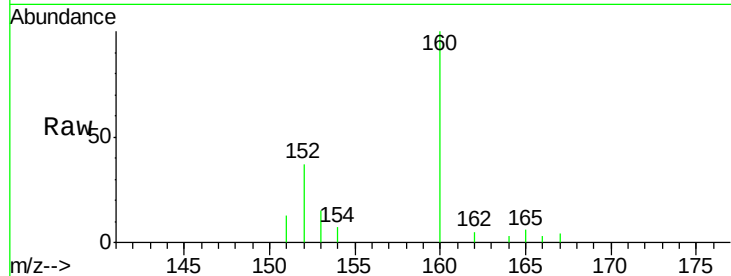
ClientSampled :

F6B01DL

Tot Ion:	152	Resp:	1221
Ion Ratio	Lower	Upper	
152	100		
151	36.2	17.1	25.7#
153	40.1	12.8	19.2#

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#8

Acenaphthene

Concen: 1.175 ng/ul

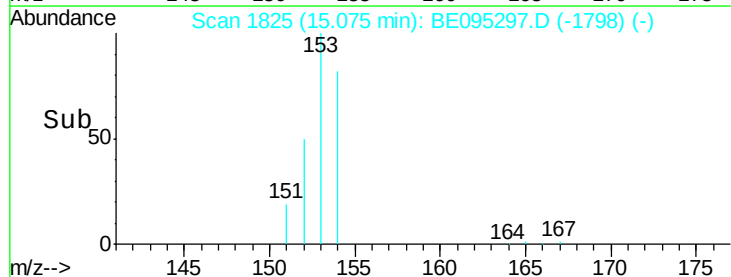
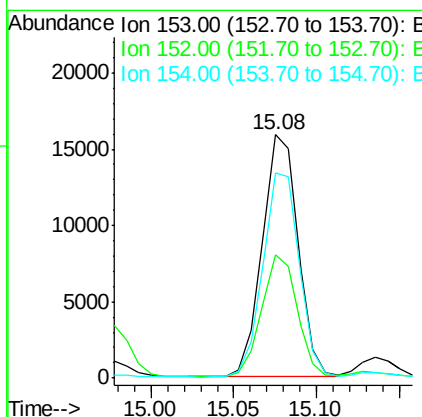
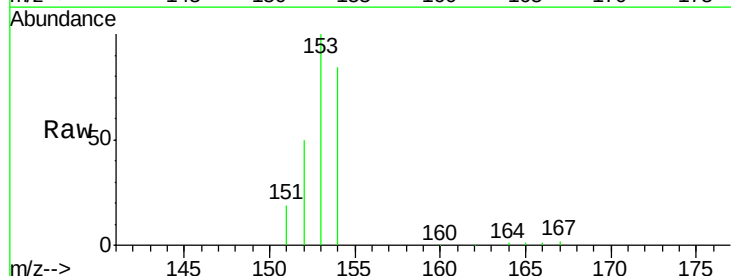
RT: 15.08 min Scan# 1825

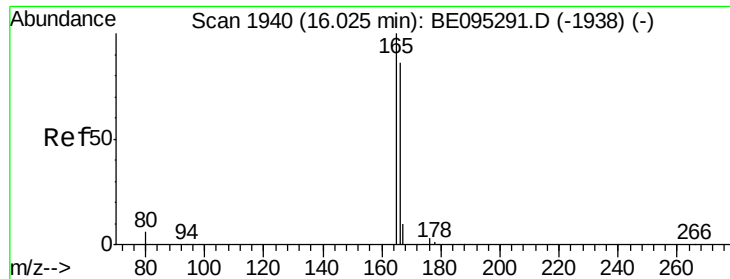
Delta R.T. -0.00 min

Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Tgt Ion:	153	Resp:	24086
Ion Ratio	Lower	Upper	
153	100		
152	50.4	36.0	54.0
154	84.1	72.0	108.0





#9

Fluorene

Concen: 1.692 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Instrument :

BNA_E

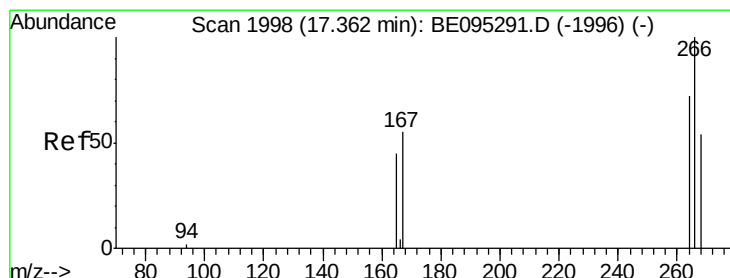
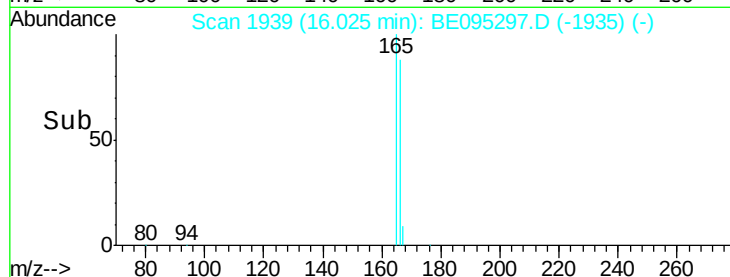
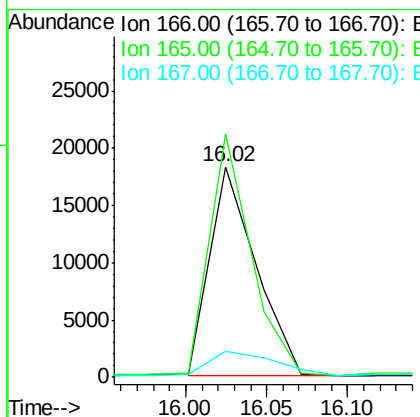
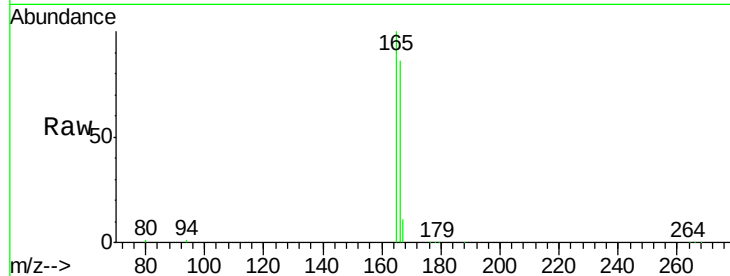
ClientSampleId :

F6B01DL

Tot Ion:	166	Resp:	35767
Ion Ratio	Lower	Upper	
166	100		
165	115.6	73.4	110.2#
167	12.5	14.6	22.0#

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#11

Pentachlorophenol

Concen: 5.832 ng/ul

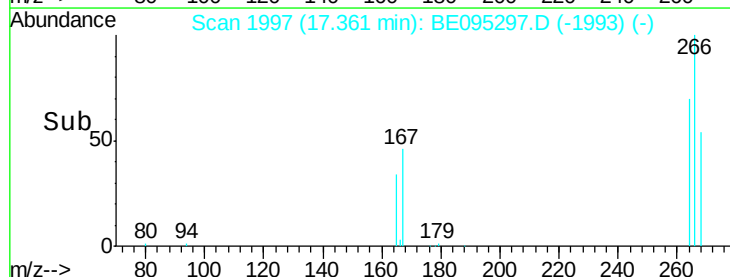
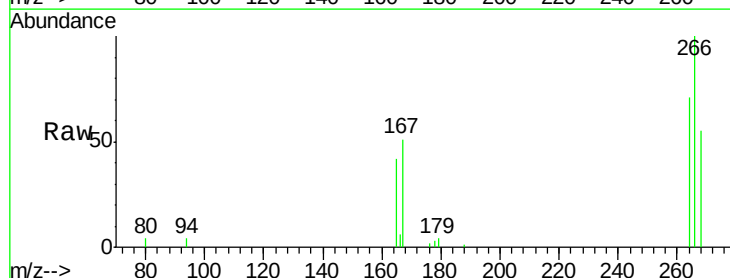
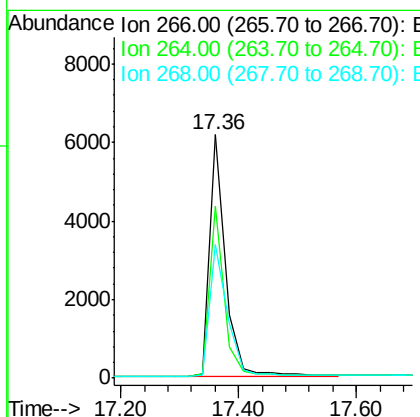
RT: 17.36 min Scan# 1997

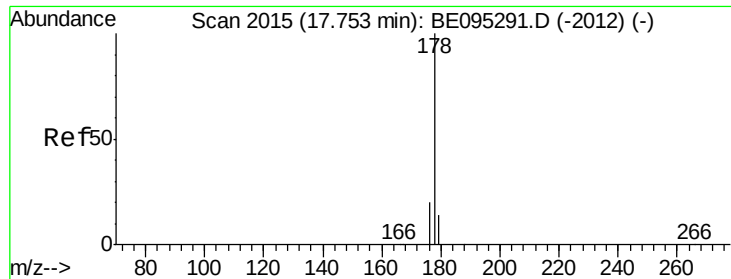
Delta R.T. -0.00 min

Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Tgt Ion:	266	Resp:	11529
Ion Ratio	Lower	Upper	
266	100		
264	65.4	47.9	71.9
268	61.2	49.8	74.8





#12

Phenanthrene

Concen: 7.493 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Instrument :

BNA_E

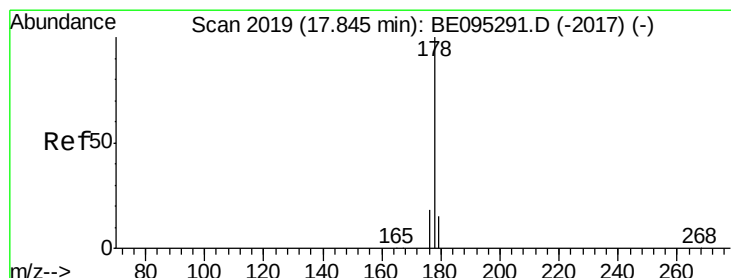
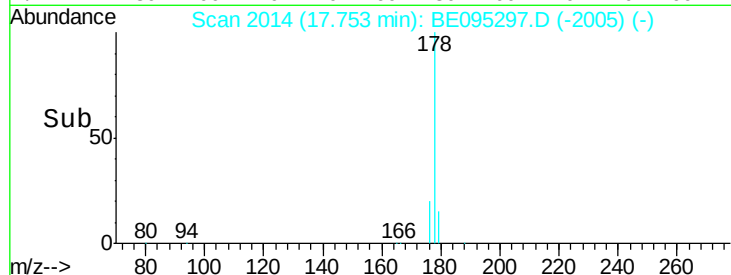
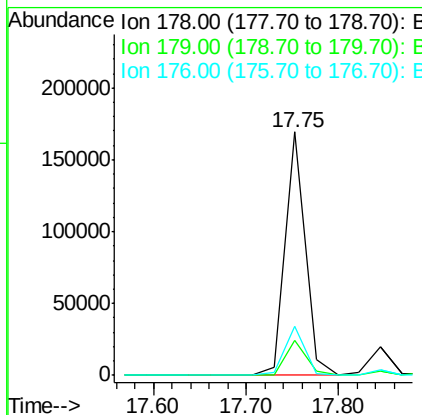
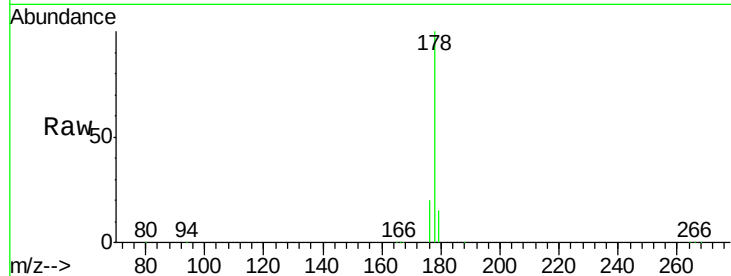
ClientSampleId :

F6B01DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.4	27.6#
176	20.3	13.6	20.4

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#13

Anthracene

Concen: 0.959 ng/ul

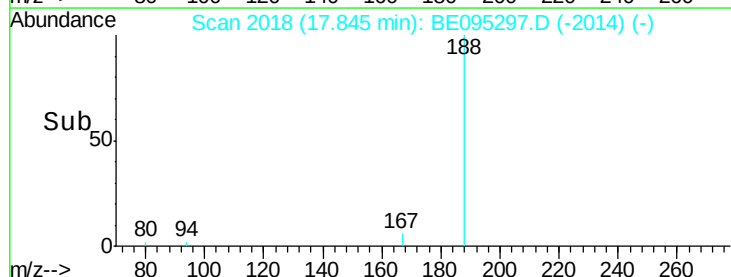
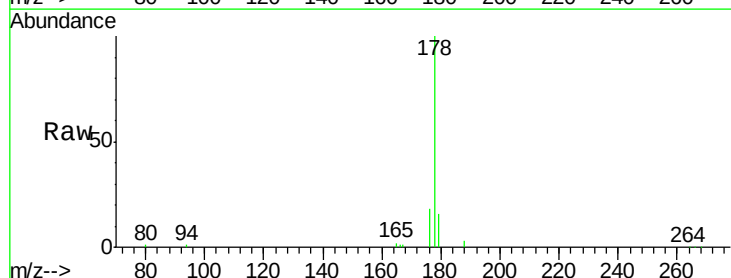
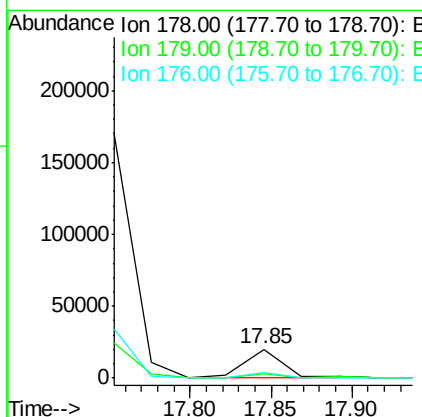
RT: 17.85 min Scan# 2018

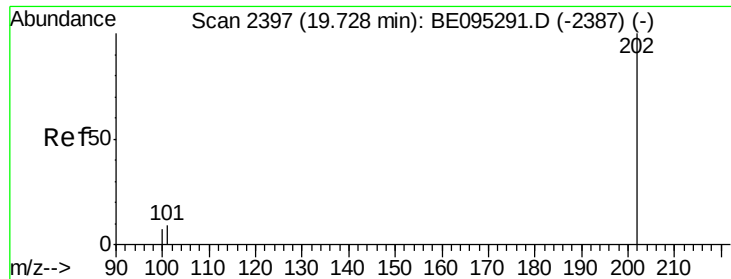
Delta R.T. -0.00 min

Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.1	27.1#
176	18.2	14.7	22.1





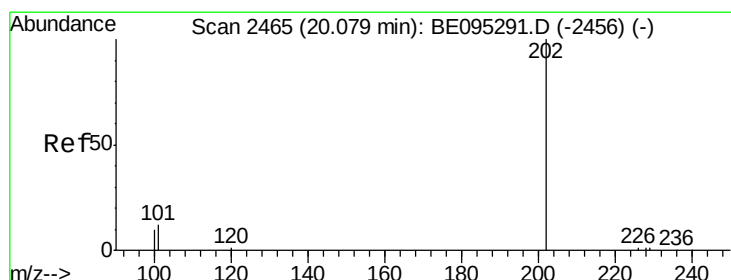
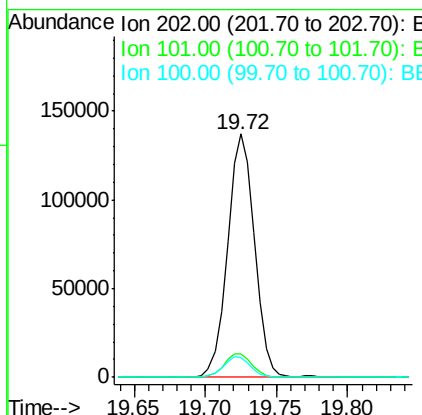
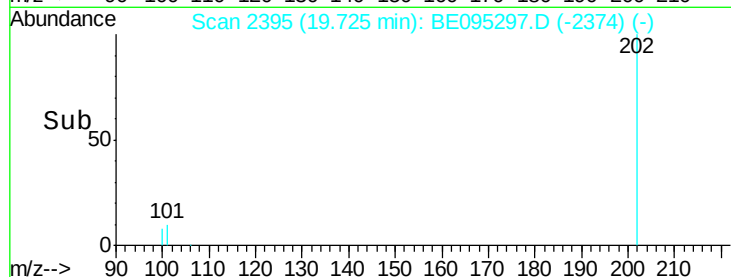
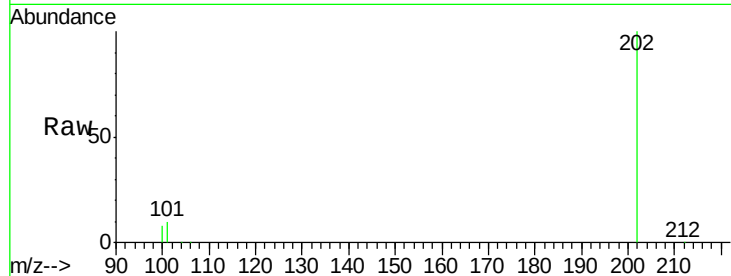
#15
Fluoranthene
 Concen: 4.064 ng/ul
 RT: 19.72 min Scan# 2395
 Delta R.T. -0.00 min
 Lab File: BE095297.D
 Acq: 31 Jan 2018 3:02

Instrument :
 BNA_E
 ClientSampleId :
 F6B01DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		180641		
101	9.7	0.0	30.3		
100	8.0	0.0	39.5		

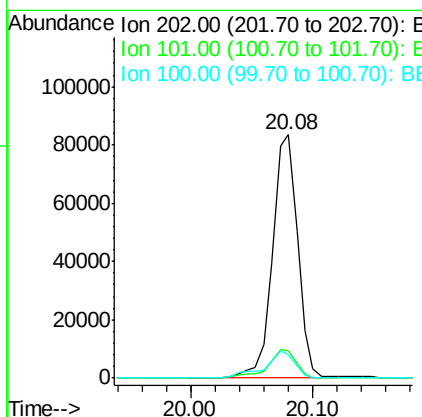
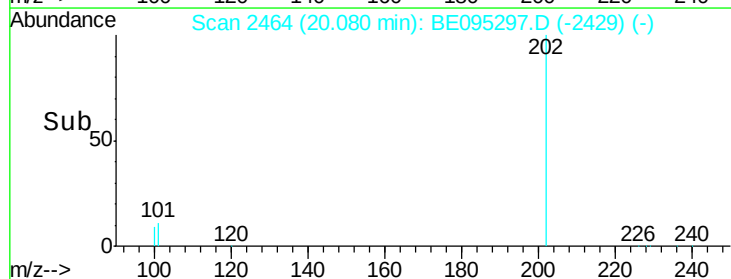
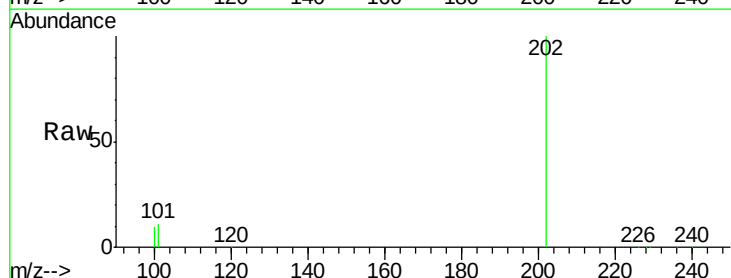
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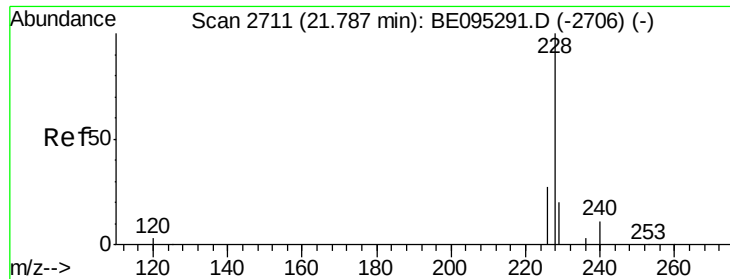
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#17
Pyrene
 Concen: 3.955 ng/ul
 RT: 20.08 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BE095297.D
 Acq: 31 Jan 2018 3:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		142227		
101	11.0	18.2	27.4#		
100	9.5	15.6	23.4#		





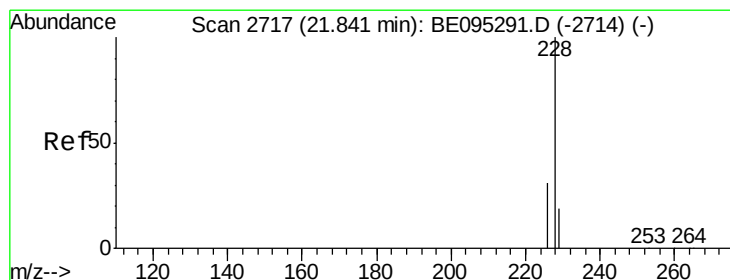
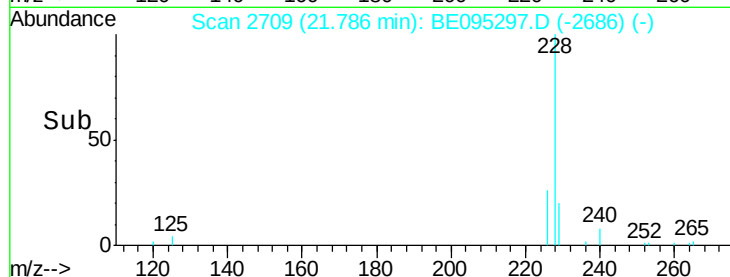
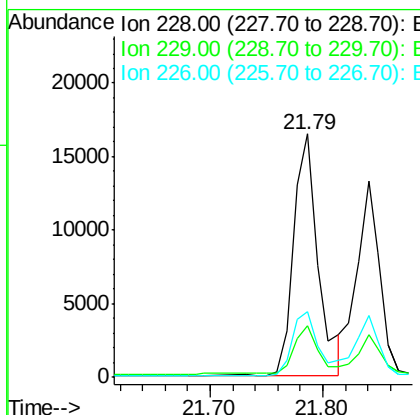
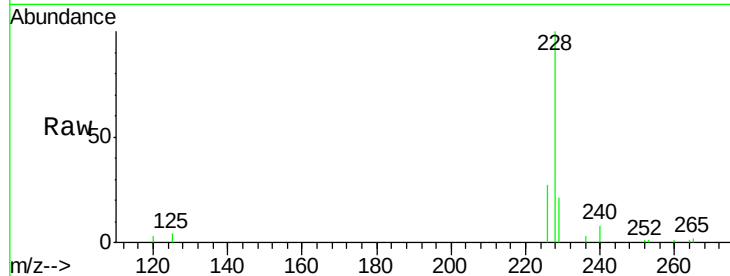
#18
Benzo(a)anthracene
Concen: 0.894 ng/ul
RT: 21.79 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE095297.D
Acq: 31 Jan 2018 3:02

Instrument :
BNA_E
ClientSampleId :
F6B01DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	27.0	17.0	25.6#

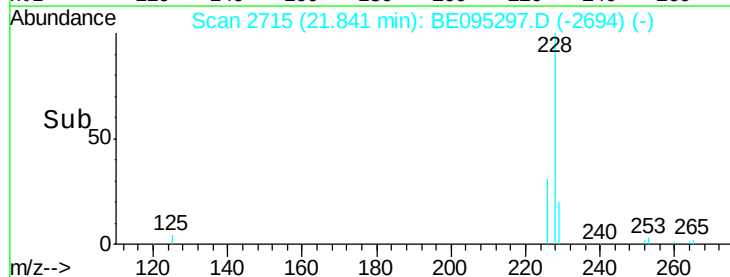
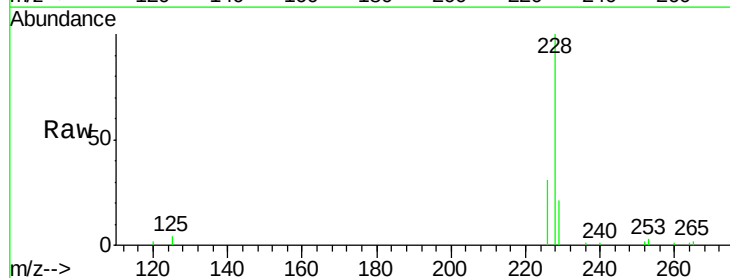
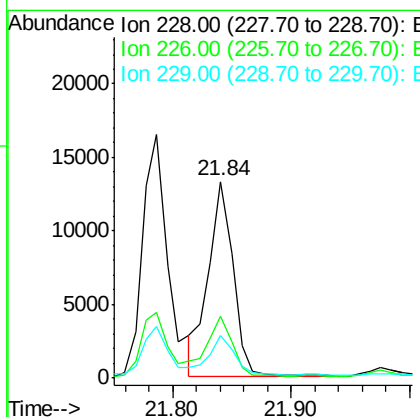
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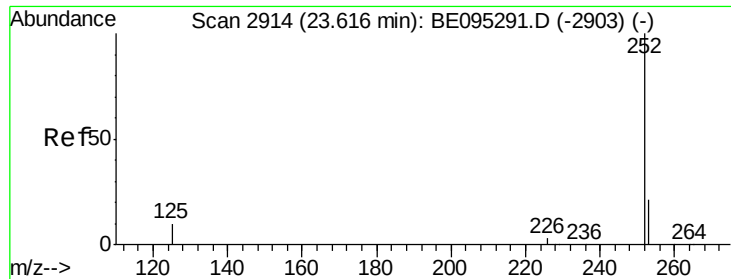
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#19
Chrysene
Concen: 0.553 ng/ul
RT: 21.84 min Scan# 2715
Delta R.T. -0.00 min
Lab File: BE095297.D
Acq: 31 Jan 2018 3:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.0
229	21.5	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.321 ng/ul m

RT: 23.62 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Instrument :

BNA_E

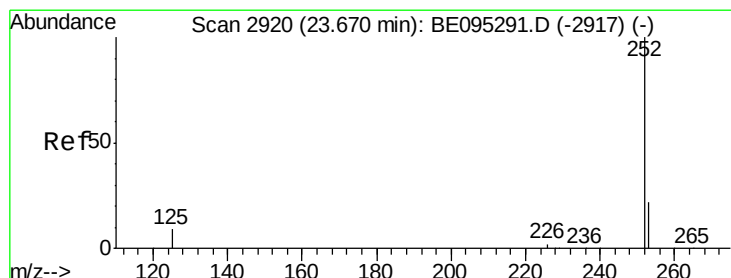
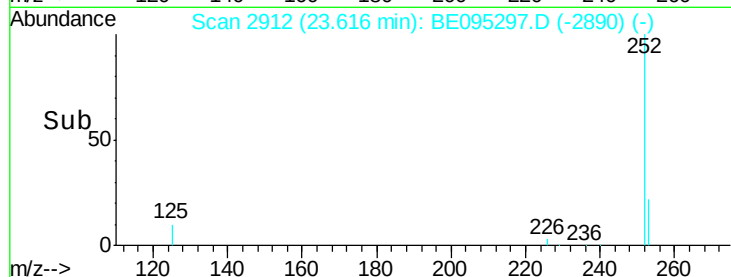
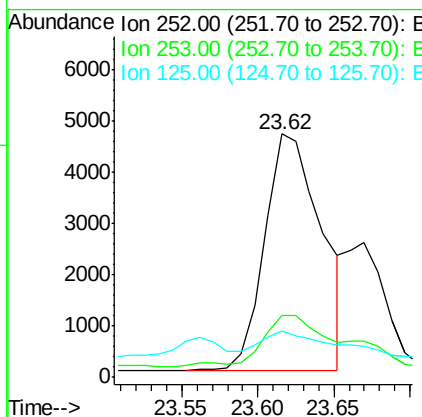
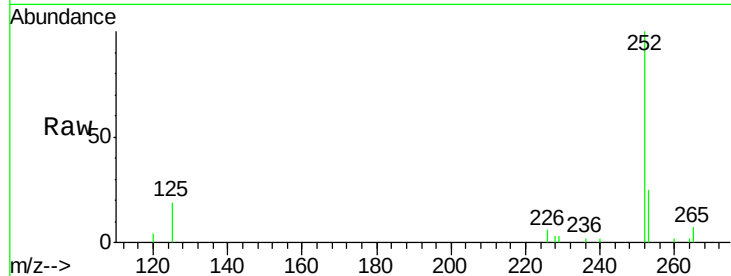
ClientSampleId :

F6B01DL

Tot Ion:	252	Resp:	12048
Ion Ratio	Lower	Upper	
252	100		
253	25.3	0.0	64.2
125	18.9	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.136 ng/ul m

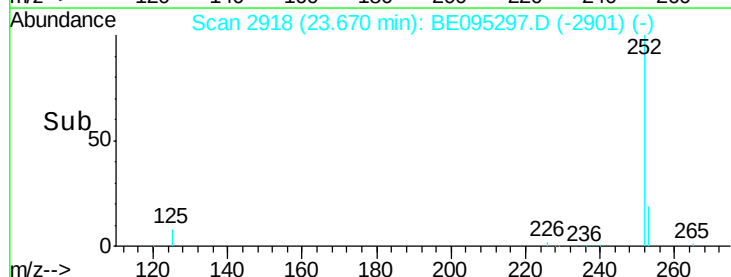
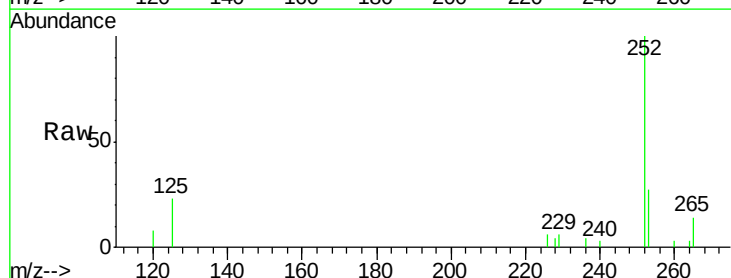
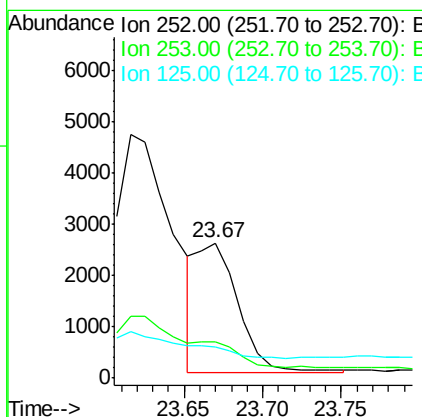
RT: 23.67 min Scan# 2918

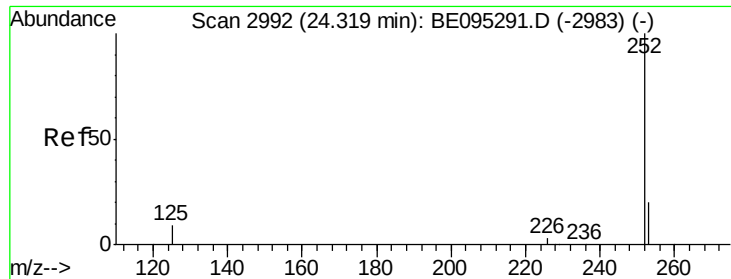
Delta R.T. -0.00 min

Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Tgt Ion:	252	Resp:	4665
Ion Ratio	Lower	Upper	
252	100		
253	27.2	24.5	36.7
125	23.3	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.172 ng/ul

RT: 24.32 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Instrument :

BNA_E

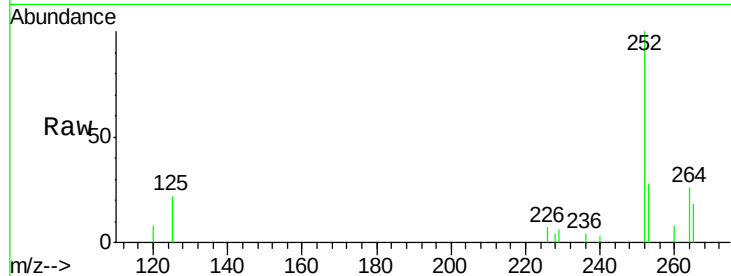
ClientSampleId :

F6B01DL

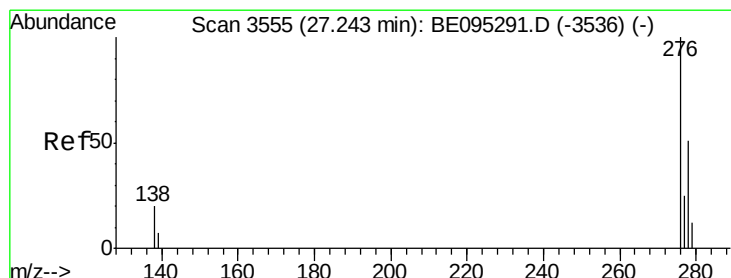
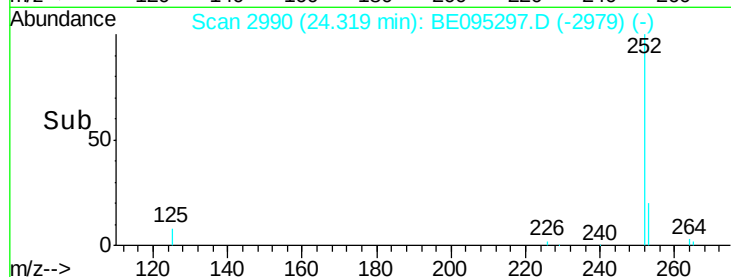
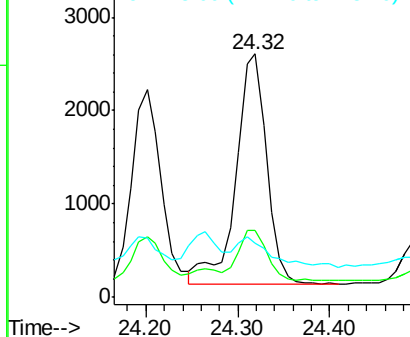
Tot Ion:	252	Resp:	5763
Ion Ratio	Lower	Upper	
252	100		
253	27.6	28.5	42.7#
125	22.4	18.1	27.1

Manual Integrations
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1/31/2018 8:28:34 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: 0.057 ng/ul

RT: 27.24 min Scan# 3552

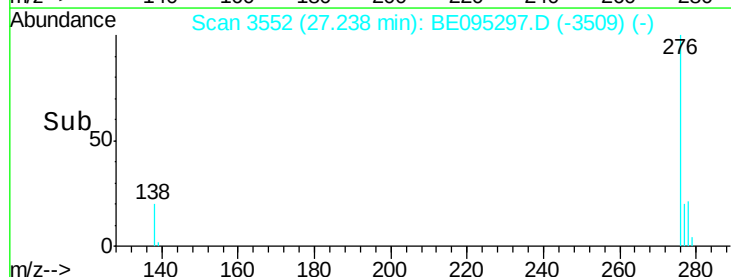
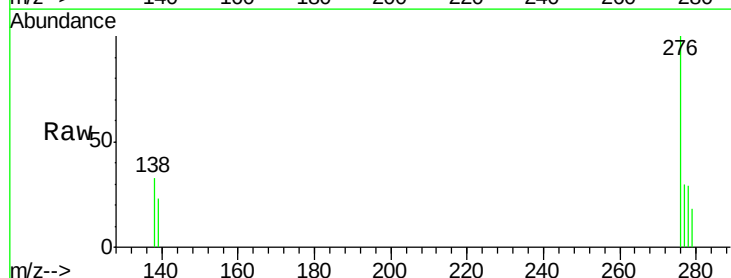
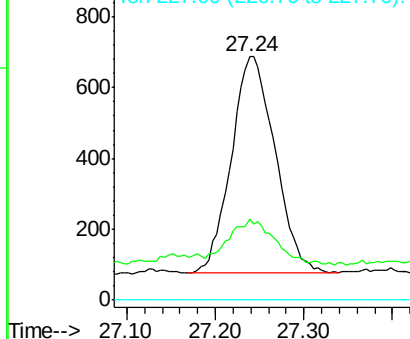
Delta R.T. -0.01 min

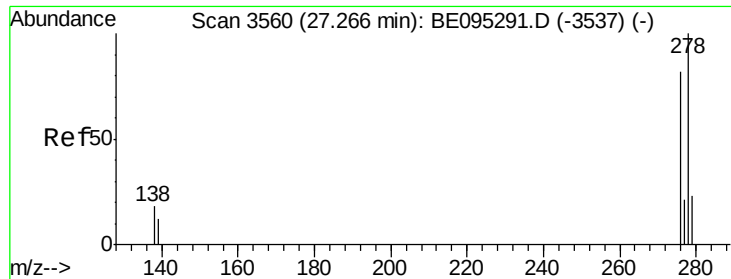
Lab File: BE095297.D

Acq: 31 Jan 2018 3:02

Tgt Ion:	276	Resp:	2106
Ion Ratio	Lower	Upper	
276	100		
138	21.4	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





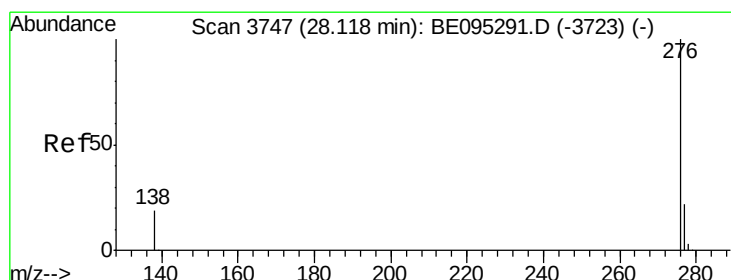
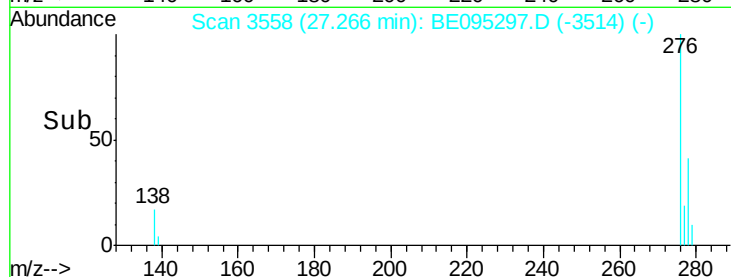
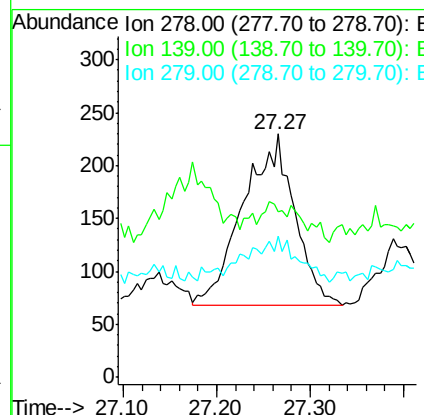
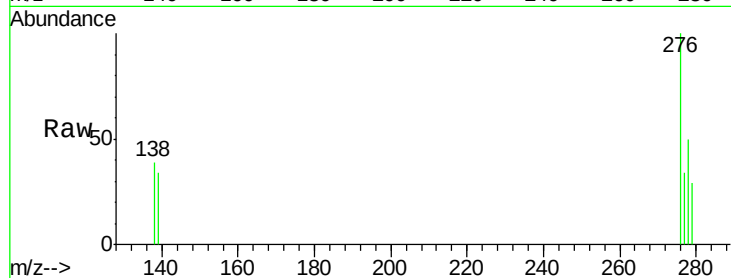
#25
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 27.27 min Scan# 3558
Delta R.T. -0.00 min
Lab File: BE095297.D
Acq: 31 Jan 2018 3:02

Instrument :
BNA_E
ClientSampled :
F6B01DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	67.8	17.4	26.0#
279	57.8	25.9	38.9#

Manual Integrations
APPROVED

Sohil
1/31/2018 8:28:34 PM



#26
Benzo(g,h,i)perylene
Concen: 0.058 ng/ul
RT: 28.12 min Scan# 3745
Delta R.T. -0.00 min
Lab File: BE095297.D
Acq: 31 Jan 2018 3:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.7	21.8	32.8#
277	33.4	20.5	30.7#

