

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095296.D
 Acq On : 31 Jan 2018 2:26
 Operator : SJ/JU
 Sample : J1223-16DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B02DL

Manual Integrations
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Sohil
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Quant Time: Jan 31 04:02:25 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	2487	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7723	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5057	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10096	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11088	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11120	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	1037	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2876	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	8787	0.406	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	9191	0.636	ng/ul	100
7) Acenaphthylene	14.75	152	675	0.028	ng/ul#	63
8) Acenaphthene	15.08	153	10000	0.530	ng/ul	94
9) Fluorene	16.02	166	11935	0.613	ng/ul#	76
11) Pentachlorophenol	17.36	266	2527	1.292	ng/ul	96
12) Phenanthrene	17.75	178	72078	2.123	ng/ul#	87
13) Anthracene	17.84	178	6839	0.220	ng/ul#	93
15) Fluoranthene	19.72	202	43733	0.995	ng/ul	84
17) Pyrene	20.08	202	33929	0.912	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	6960	0.201	ng/ul#	87
19) Chrysene	21.84	228	4605	0.128	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	3238m	0.083	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	871m	0.024	ng/ul	
23) Benzo(a)pyrene	24.32	252	939	0.027	ng/ul#	69

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

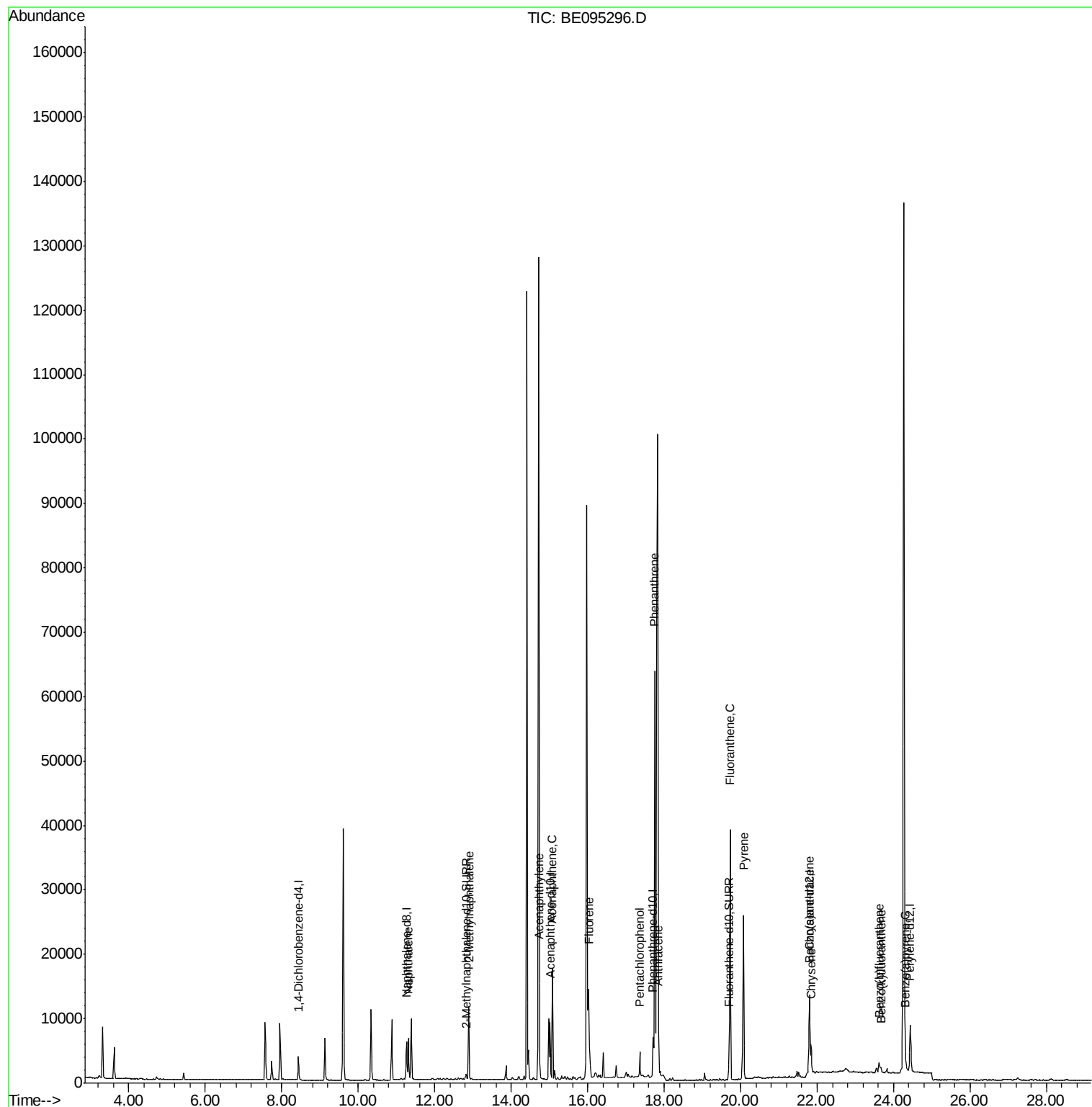
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095296.D
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ALS Vial : 22 Sample Multiplier: 1

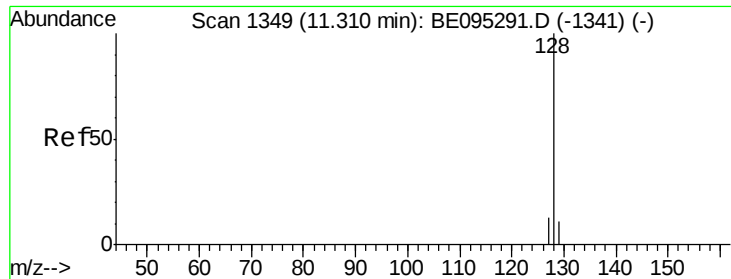
Instrument :
BNA_E
ClientSampleId :
F6B02DL

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#3

Naphthalene

Concen: 0.406 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

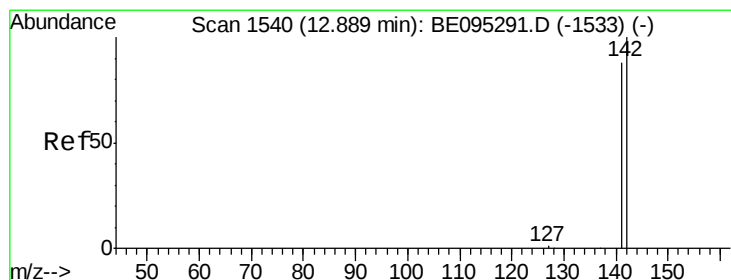
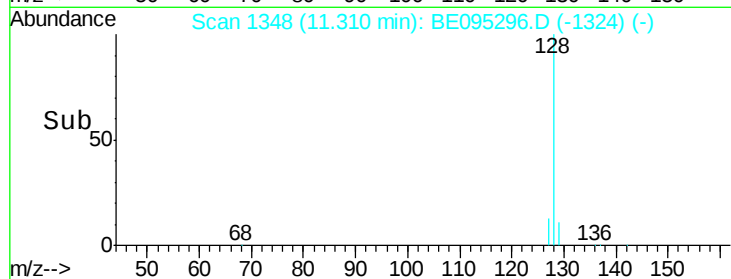
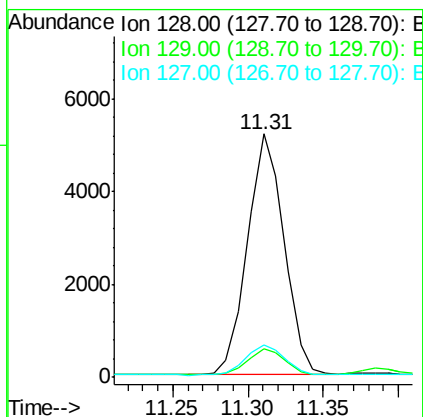
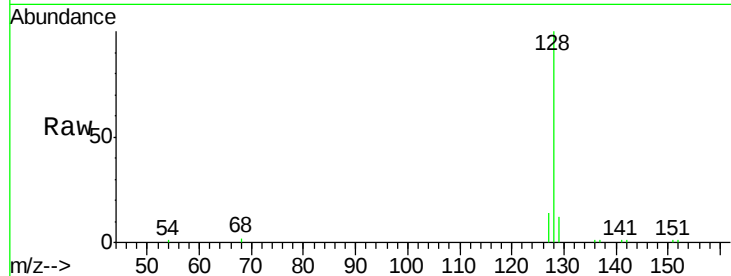
ClientSampleId :

F6B02DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.3	16.9
127	13.5	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.636 ng/ul

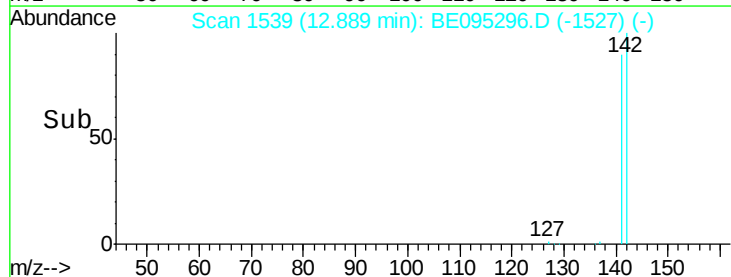
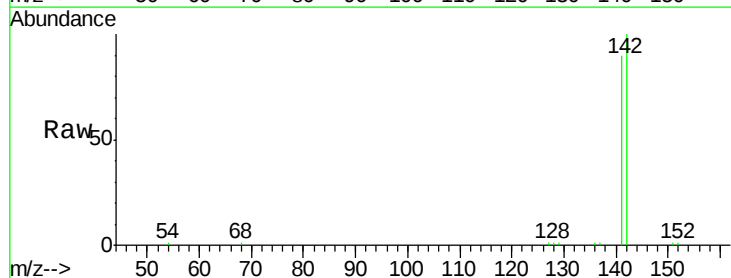
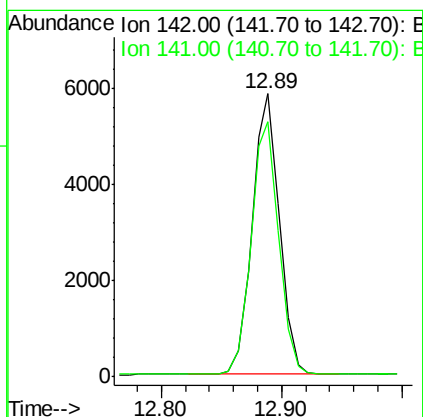
RT: 12.89 min Scan# 1539

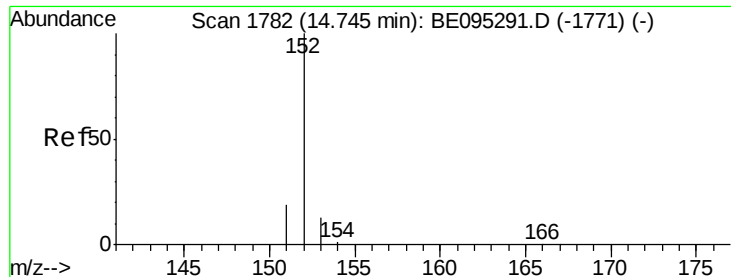
Delta R.T. 0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

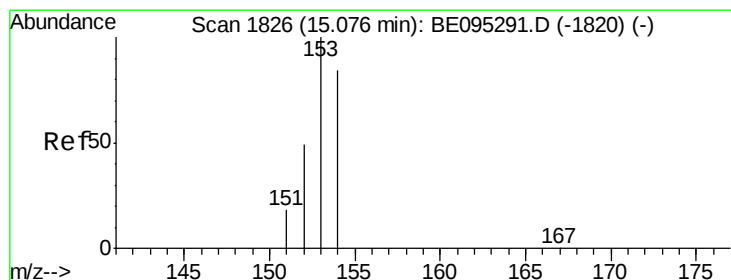
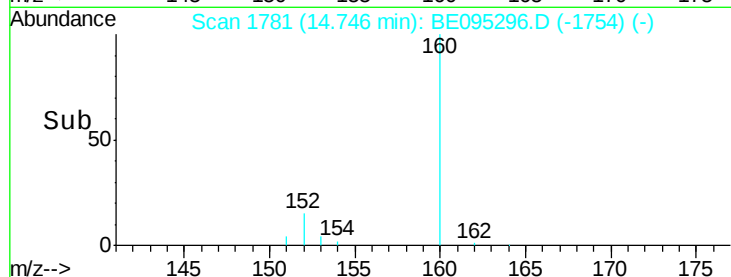
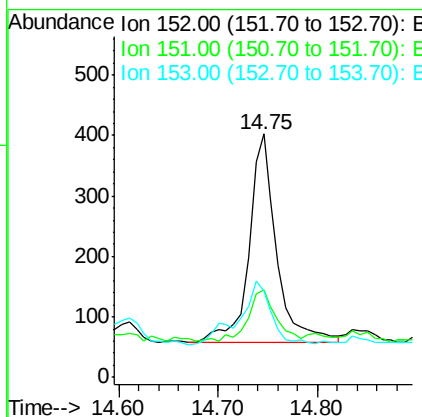
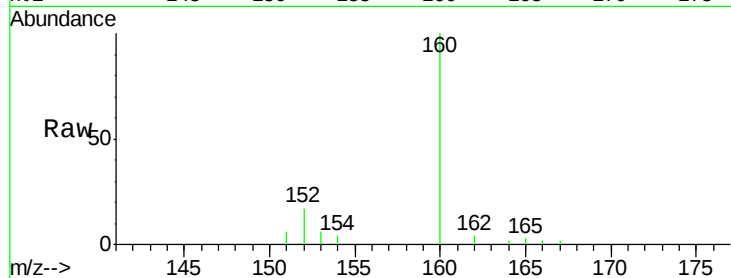
ClientSampleID :

F6B02DL

Tot Ion:	152	Resp:	675
Ion Ratio	Lower	Upper	
152	100		
151	36.0	17.1	25.7#
153	35.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.530 ng/ul

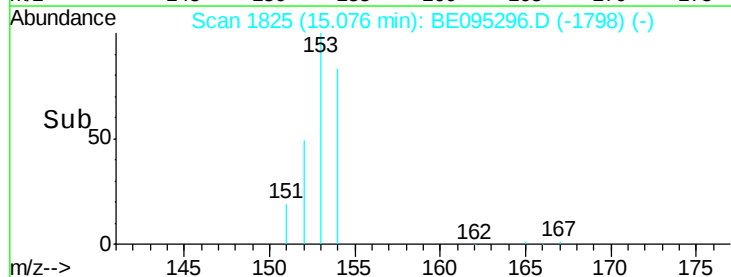
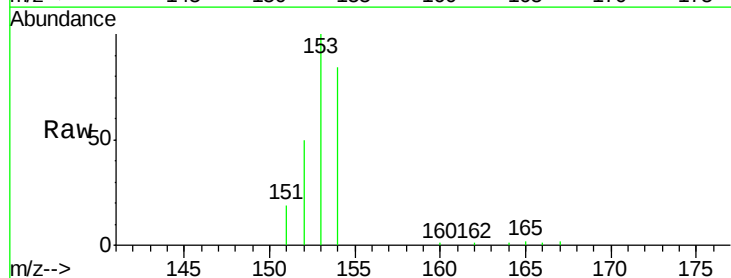
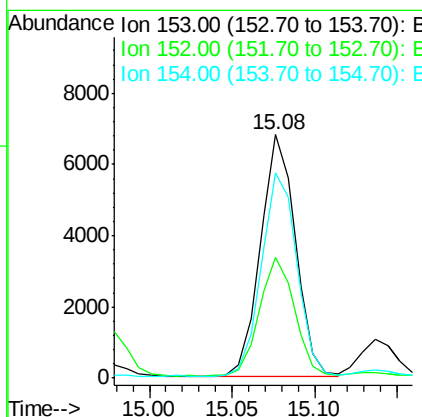
RT: 15.08 min Scan# 1825

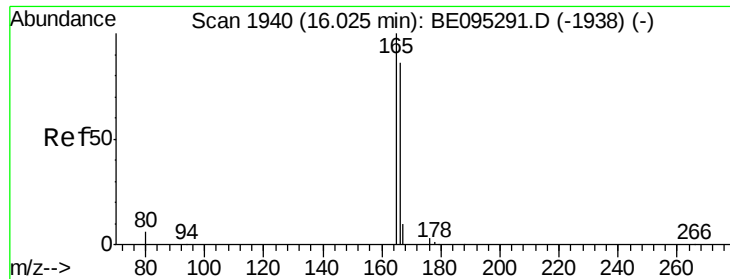
Delta R.T. 0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Tgt Ion:	153	Resp:	10000
Ion Ratio	Lower	Upper	
153	100		
152	49.7	36.0	54.0
154	84.4	72.0	108.0





#9

Fluorene

Concen: 0.613 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

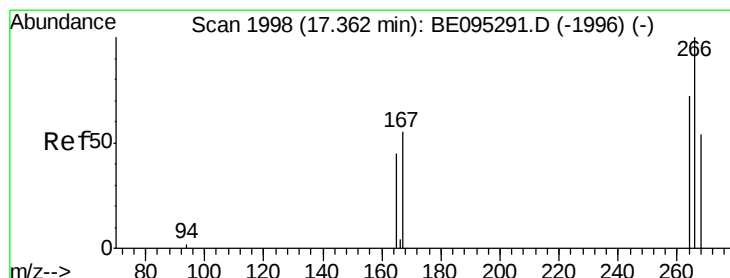
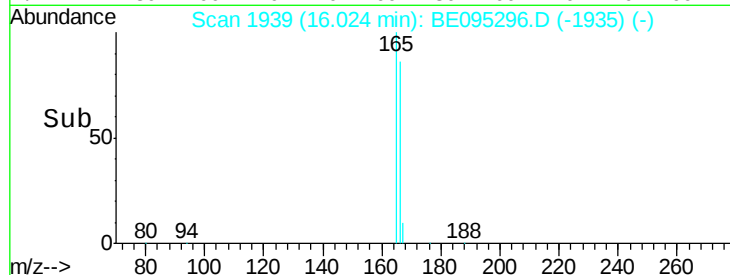
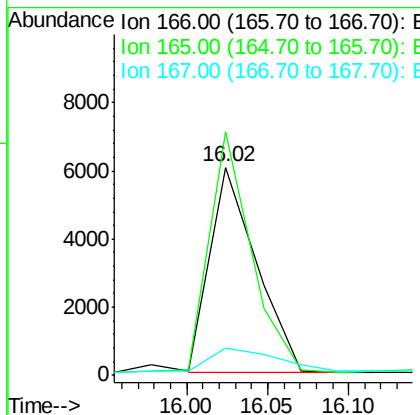
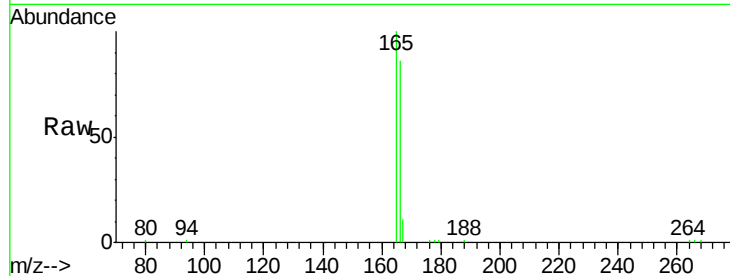
ClientSampleId :

F6B02DL

Tot Ion:	166	Resp:	11935
Ion Ratio	Lower	Upper	
166	100		
165	116.8	73.4	110.2#
167	13.1	14.6	22.0#

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#11

Pentachlorophenol

Concen: 1.292 ng/ul

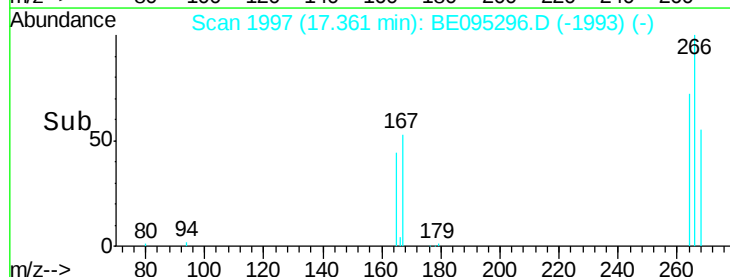
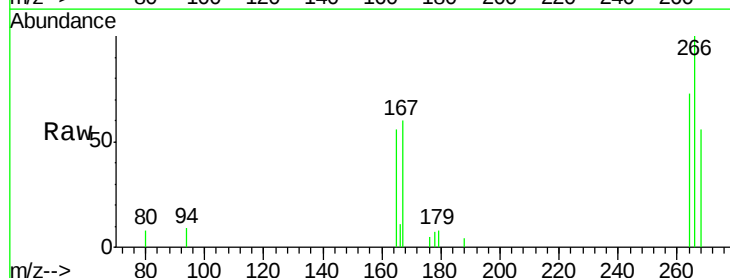
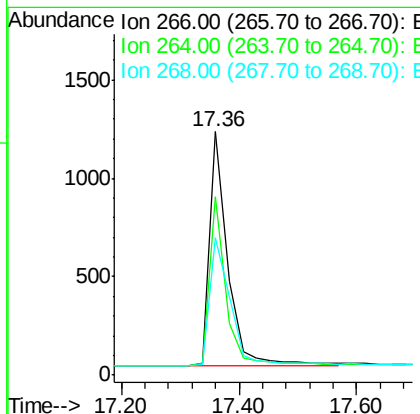
RT: 17.36 min Scan# 1997

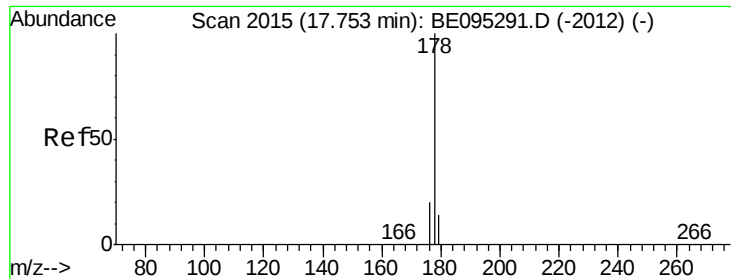
Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Tgt Ion:	266	Resp:	2527
Ion Ratio	Lower	Upper	
266	100		
264	65.8	47.9	71.9
268	62.3	49.8	74.8





#12

Phenanthrene

Concen: 2.123 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :
BNA_E

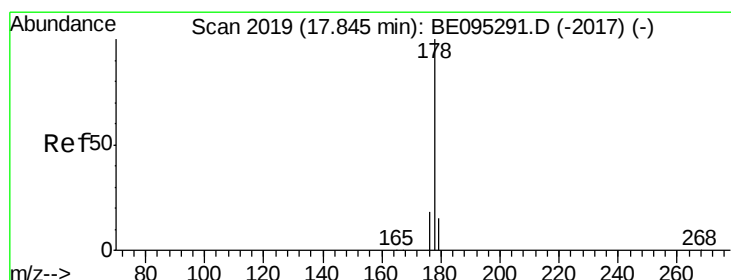
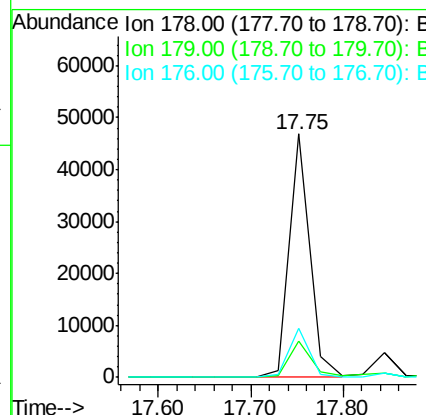
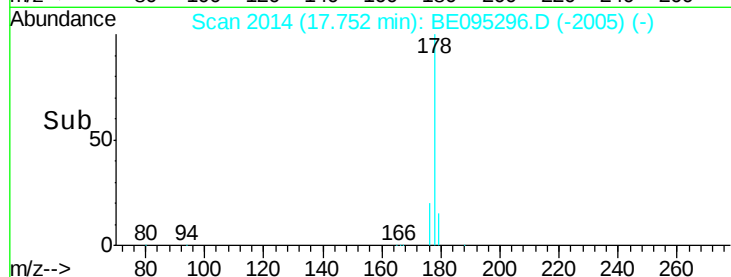
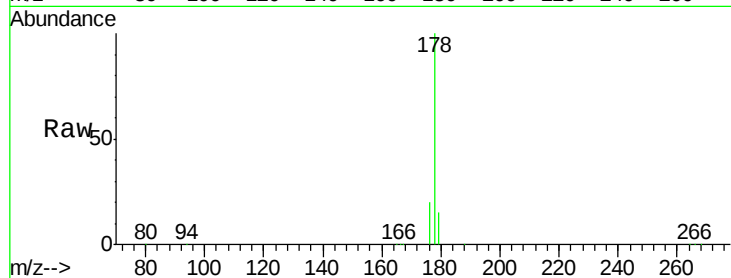
ClientSampleId :
F6B02DL

Tot Ion:178 Resp: 72078

Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	20.1	13.6	20.4

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#13

Anthracene

Concen: 0.220 ng/ul

RT: 17.84 min Scan# 2018

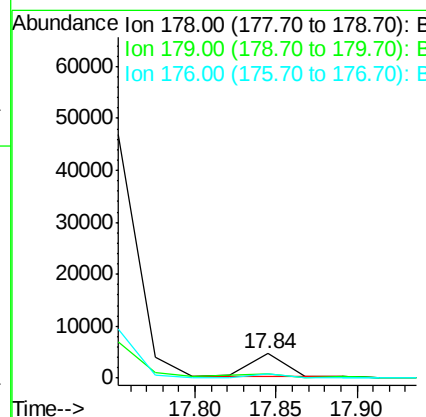
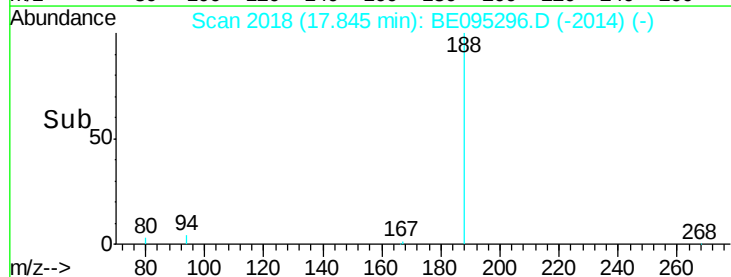
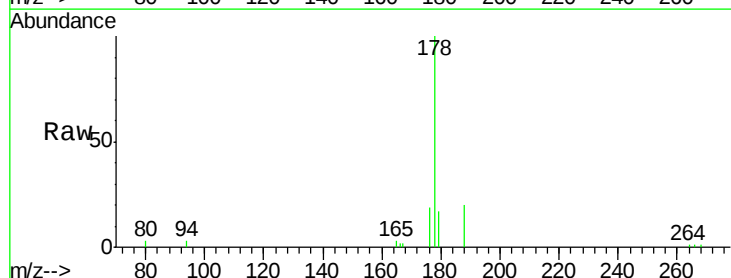
Delta R.T. -0.00 min

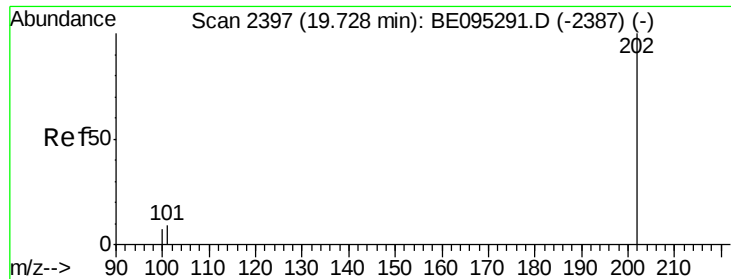
Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Tgt Ion:178 Resp: 6839

Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.1	27.1#
176	19.1	14.7	22.1





#15

Fluoranthene

Concen: 0.995 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

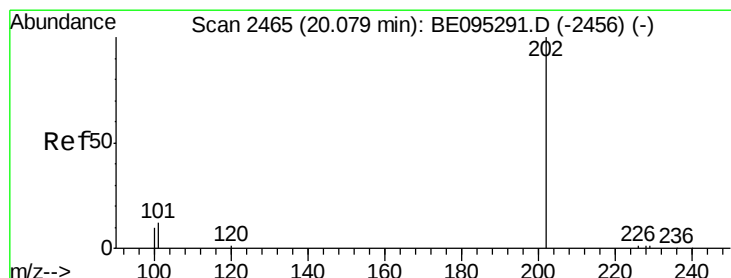
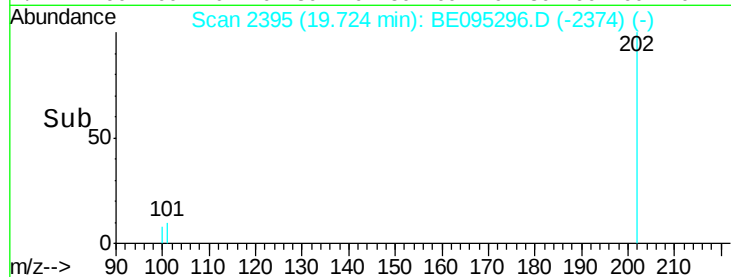
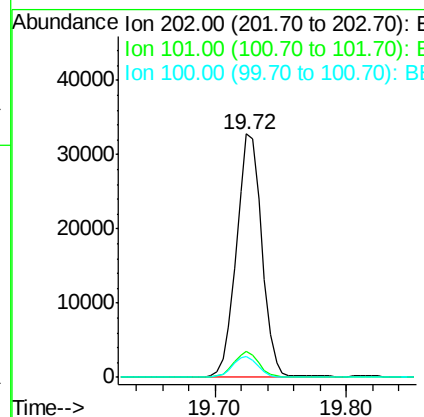
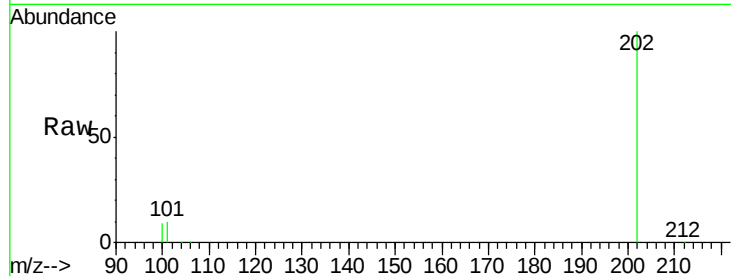
ClientSampleID :

F6B02DL

Tot Ion:	202	Resp:	43733
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	30.3
100	8.6	0.0	39.5

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#17

Pyrene

Concen: 0.912 ng/ul

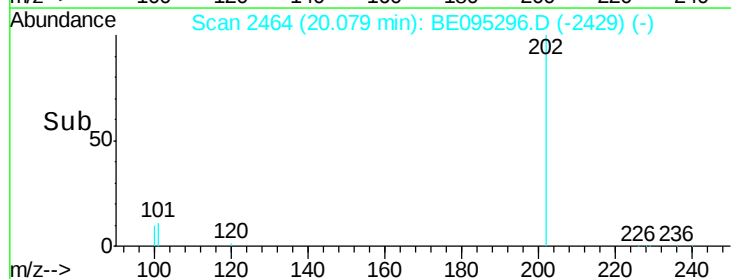
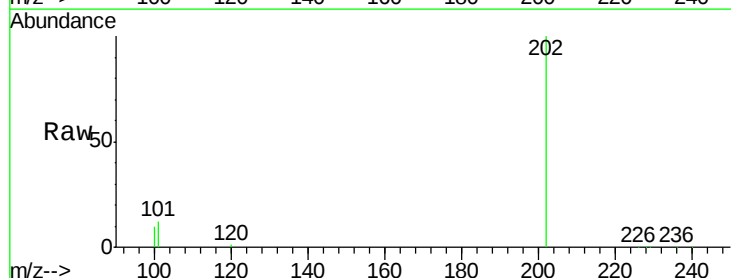
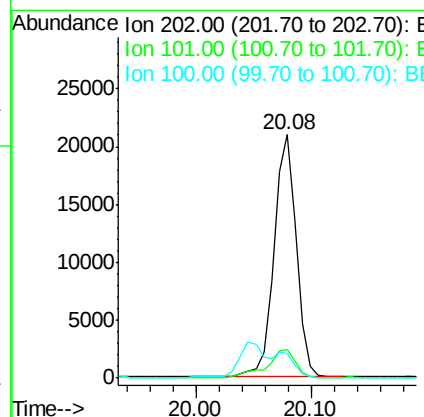
RT: 20.08 min Scan# 2464

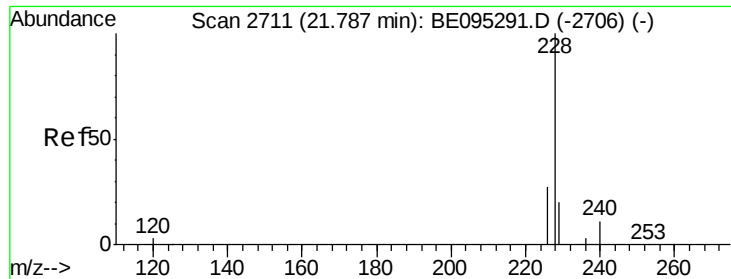
Delta R.T. 0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Tgt Ion:	202	Resp:	33929
Ion Ratio	Lower	Upper	
202	100		
101	11.7	18.2	27.4#
100	10.1	15.6	23.4#





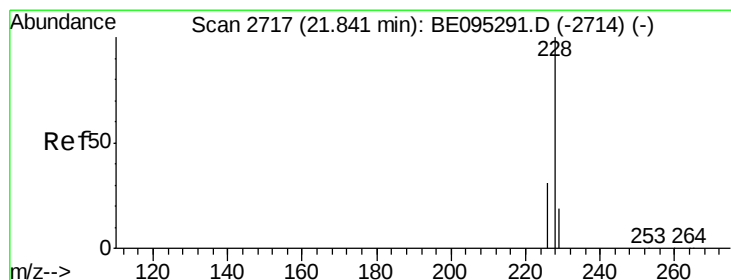
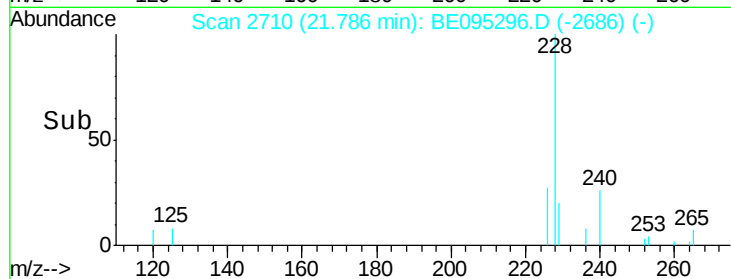
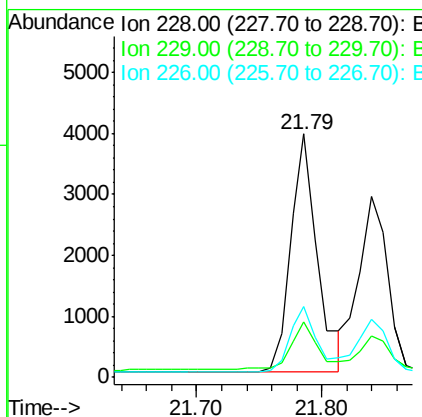
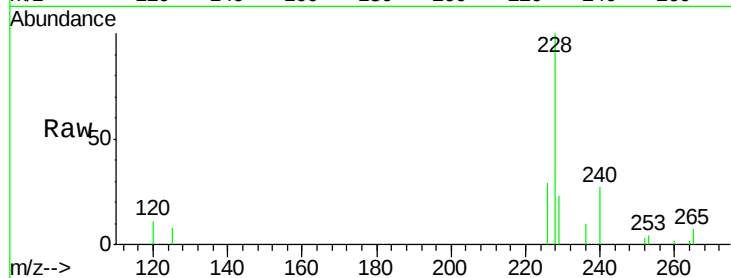
#18
Benzo(a)anthracene
Concen: 0.201 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095296.D
Acq: 31 Jan 2018 2:26

Instrument :
BNA_E
ClientSampled :
F6B02DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.9	22.8	34.2
226	28.9	17.0	25.6

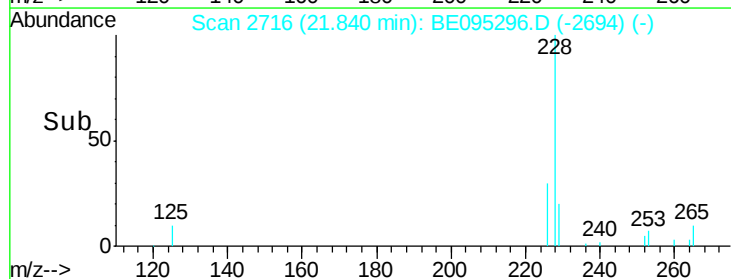
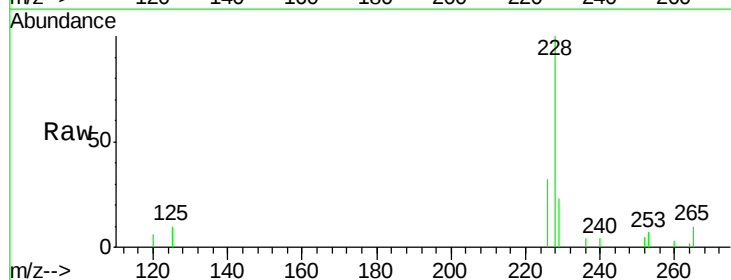
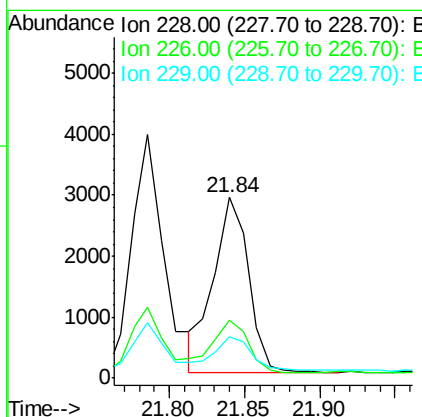
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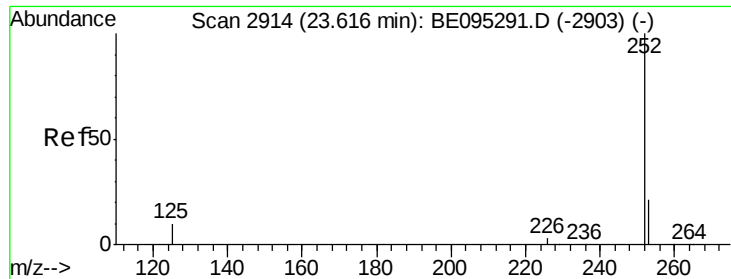
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#19
Chrysene
Concen: 0.128 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095296.D
Acq: 31 Jan 2018 2:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.4	35.0
229	23.3	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.083 ng/ul m

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

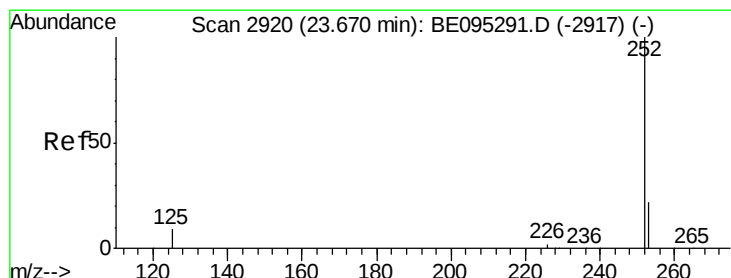
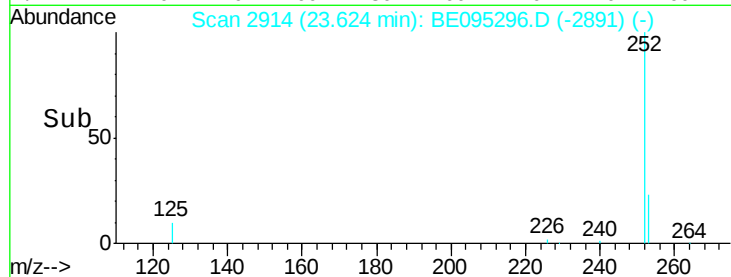
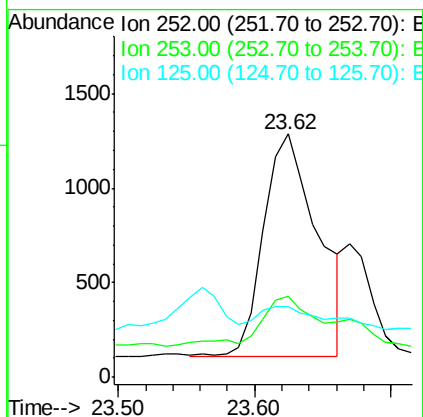
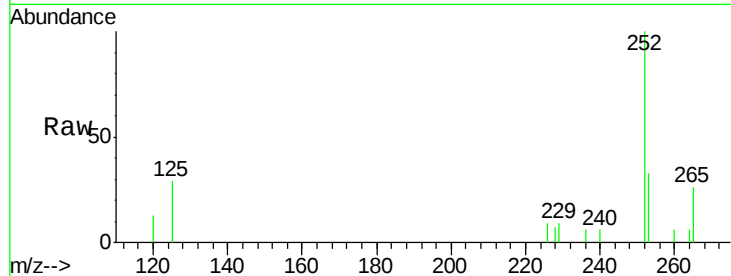
ClientSampleId :

F6B02DL

Tot Ion:	252	Resp:	3238
Ion Ratio	Lower	Upper	
252	100		
253	33.0	0.0	64.2
125	29.1	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.024 ng/ul m

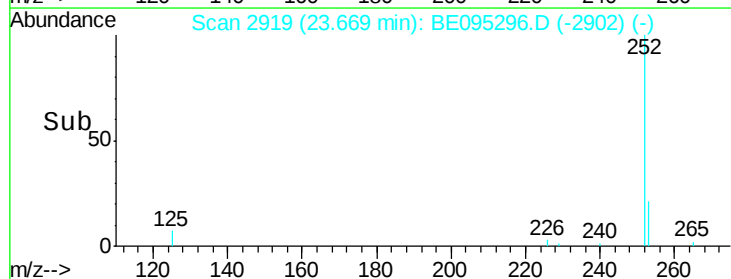
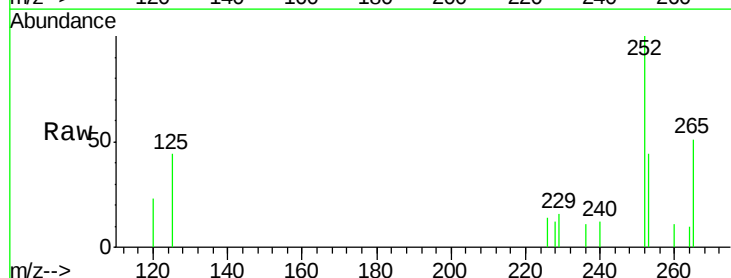
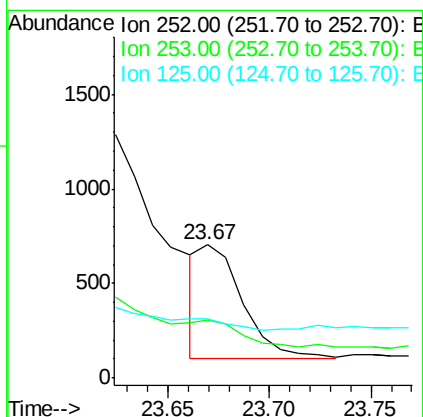
RT: 23.67 min Scan# 2919

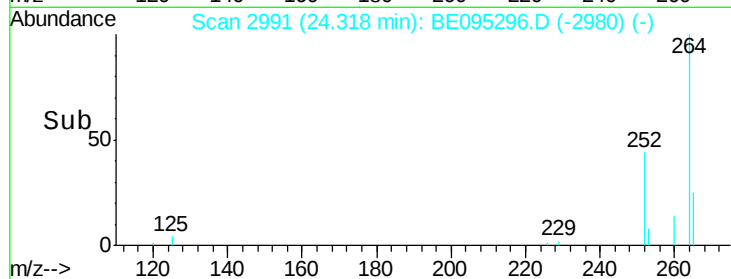
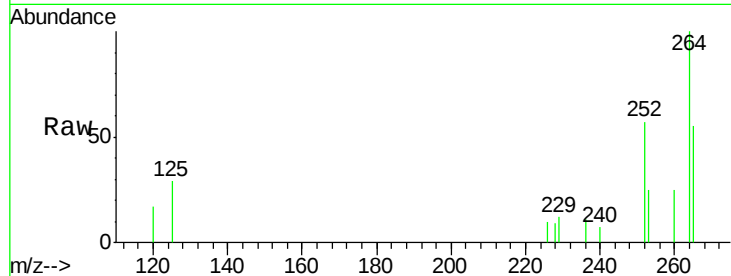
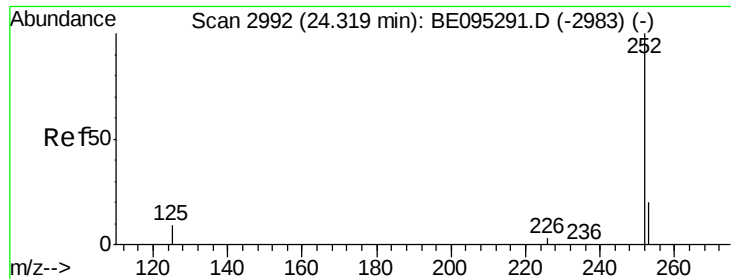
Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Tgt Ion:	252	Resp:	871
Ion Ratio	Lower	Upper	
252	100		
253	43.5	24.5	36.7#
125	44.1	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.027 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

ClientSampleId :

F6B02DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	43.9	28.5	42.7#
125	50.7	18.1	27.1#

Manual Integrations
APPROVED

Sohil
1/31/2018 8:28:32 PM

