

Data Path : U:\HPCHEM1\BNA E\DATA\BE020218\
 Data File : BE095430.D
 Acq On : 3 Feb 2018 10:50
 Operator : SJ/JU
 Sample : J1295-16DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C14DL

Manual Integrations
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 2/5/2018 5:49:13 PM

Quant Time: Feb 05 02:45:48 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 Feb 05 01:47:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1892	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5669	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3461	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7387	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7659	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8021	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	890	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	2213	0.08	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	9714	0.612	ng/ul#	89
5) 2-Methylnaphthalene	12.88	142	2398	0.226	ng/ul	99
7) Acenaphthylene	14.74	152	959	0.058	ng/ul#	85
8) Acenaphthene	15.08	153	339	0.026	ng/ul#	90
9) Fluorene	16.02	166	998	0.075	ng/ul	85
11) Pentachlorophenol	17.36	266	3470	2.425	ng/ul	97
12) Phenanthrene	17.75	178	23982	0.965	ng/ul#	90
13) Anthracene	17.84	178	705	0.031	ng/ul#	91
15) Fluoranthene	19.72	202	7813	0.243	ng/ul	84
17) Pyrene	20.07	202	7137	0.278	ng/ul#	82
18) Benzo(a)anthracene	21.79	228	2104	0.088	ng/ul#	86
19) Chrysene	21.84	228	6074	0.244	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	4756m	0.168	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	1028m	0.040	ng/ul	
23) Benzo(a)pyrene	24.31	252	2609	0.103	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	27.24	276	3298	0.119	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.26	278	660	0.029	ng/ul#	66
26) Benzo(g,h,i)perylene	28.12	276	3083	0.131	ng/ul	97

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

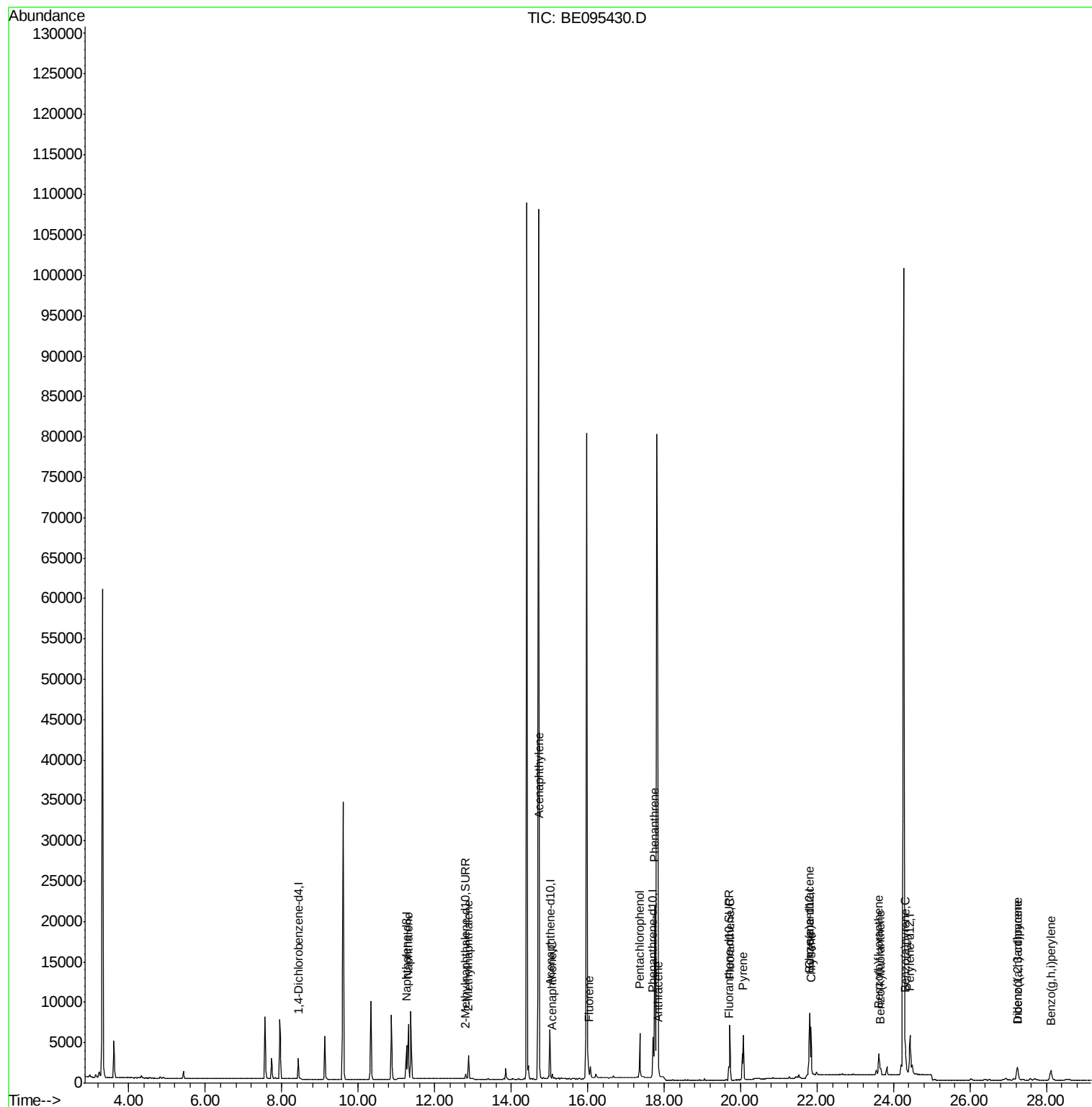
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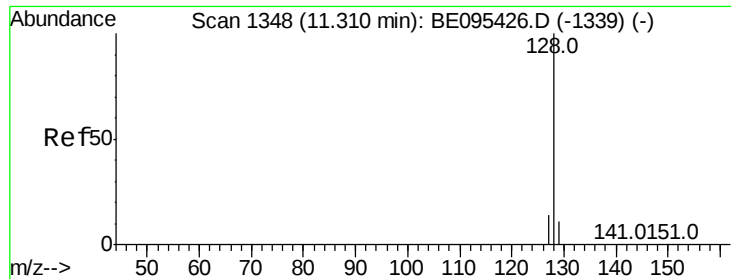
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F6C14DL

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#3

Naphthalene

Concen: 0.612 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095430.D

Acq: 3 Feb 2018 10:50

Instrument :

BNA_E

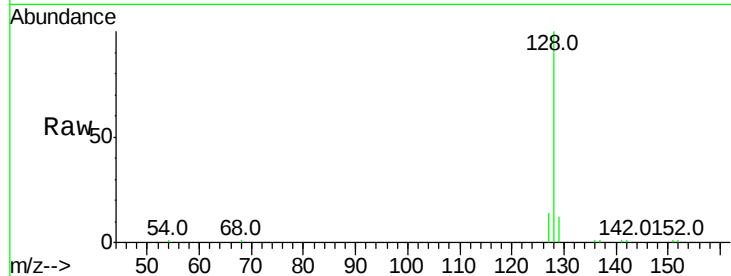
ClientSampleId :

F6C14DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	13.8	4.0	6.0

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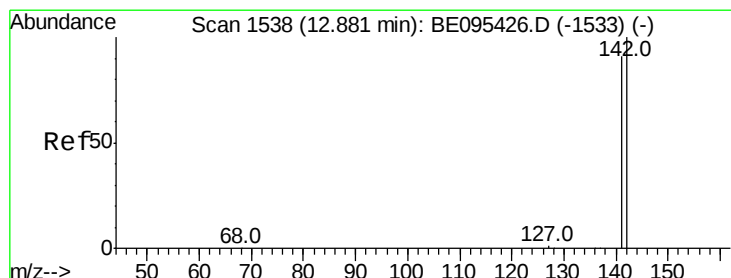
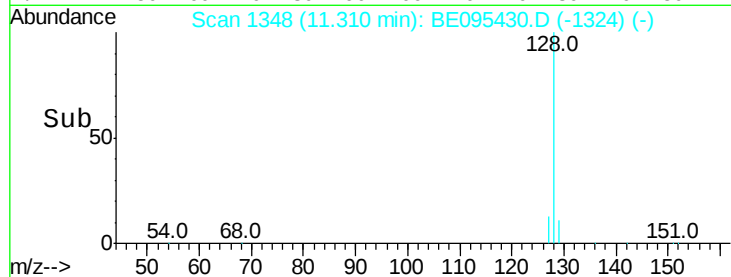
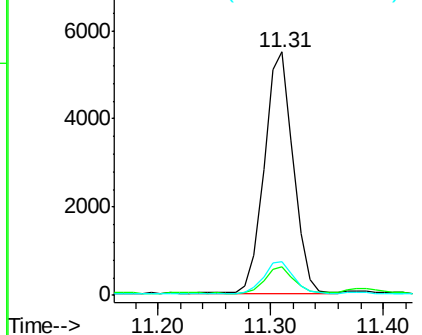
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.226 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. 0.00 min

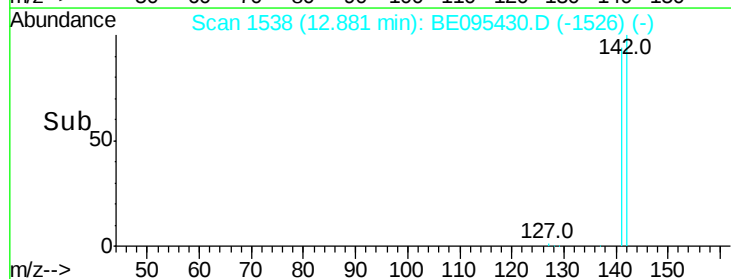
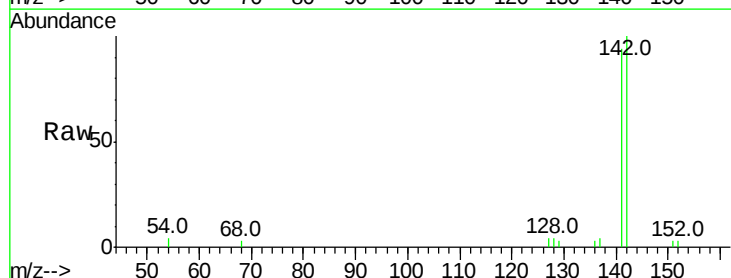
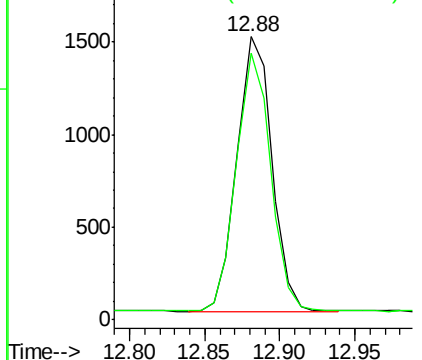
Lab File: BE095430.D

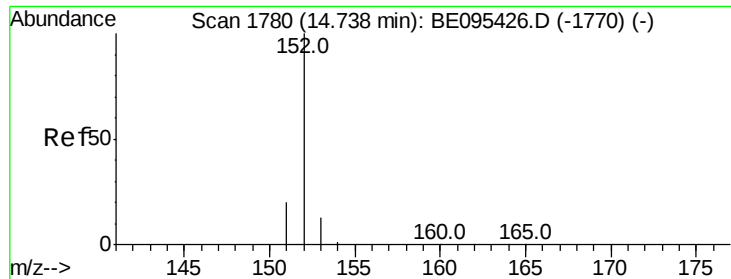
Acq: 3 Feb 2018 10:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	108.8

Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.058 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE095430.D

Acq: 3 Feb 2018 10:50

Instrument :

BNA_E

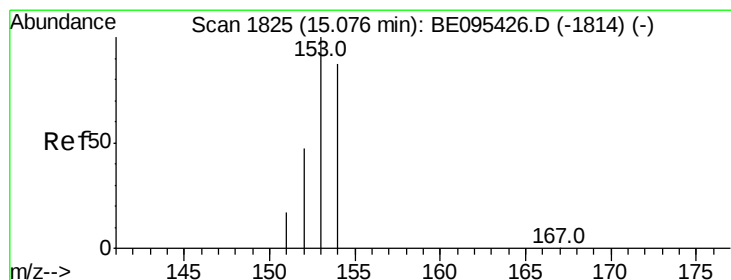
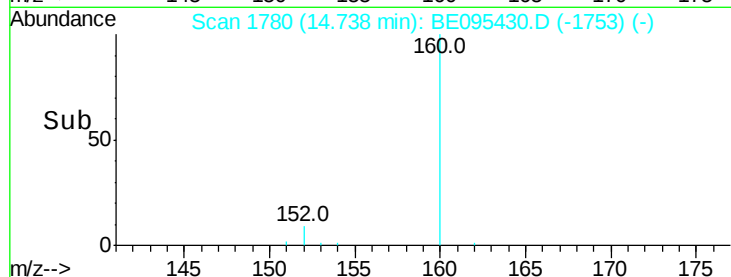
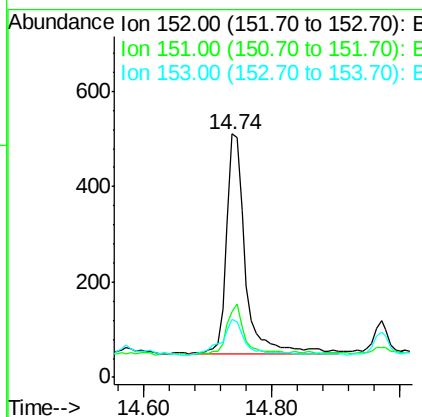
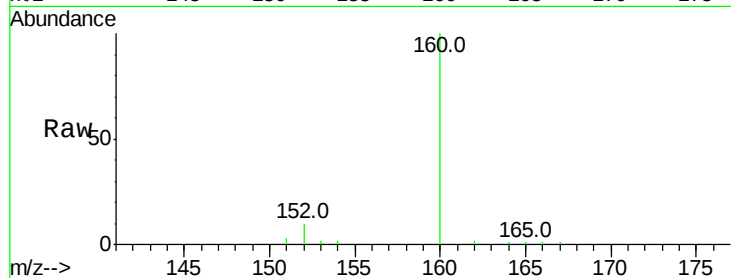
ClientSampleId :

F6C14DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	27.0	17.1	25.7#
153	23.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.026 ng/ul

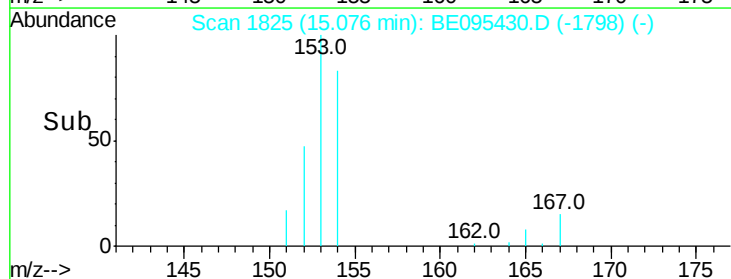
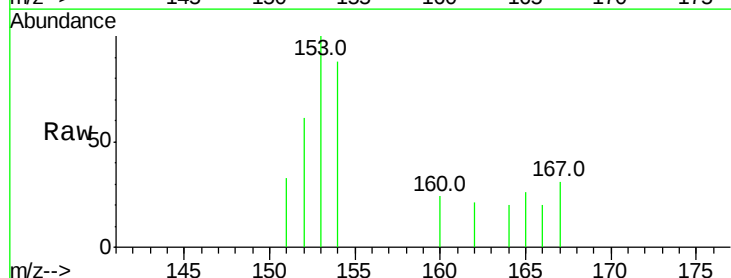
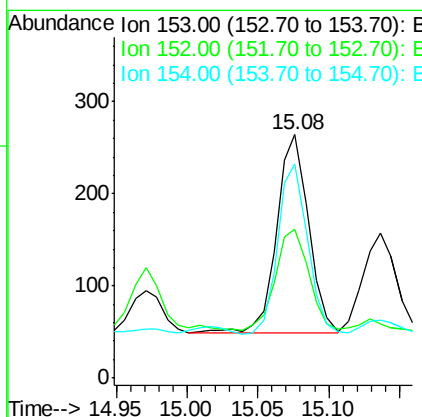
RT: 15.08 min Scan# 1825

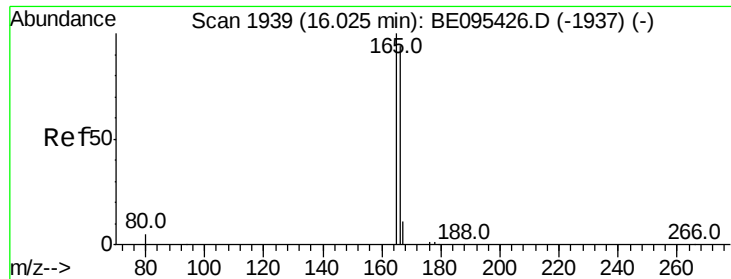
Delta R.T. 0.00 min

Lab File: BE095430.D

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Tgt Ion	Ratio	Lower	Upper
153	100		
152	61.0	36.0	54.0#
154	87.9	72.0	108.0





#9

Fluorene

Concen: 0.075 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095430.D

Acq: 3 Feb 2018 10:50

Instrument :

BNA_E

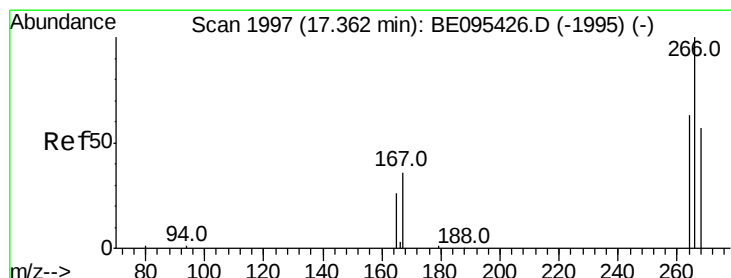
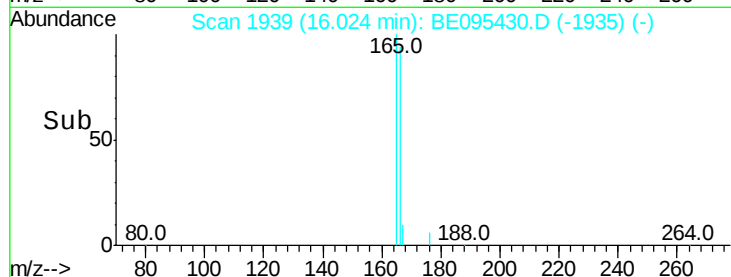
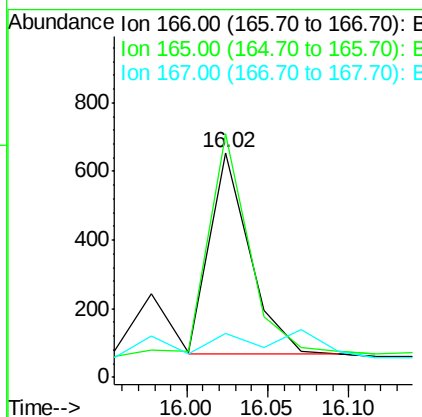
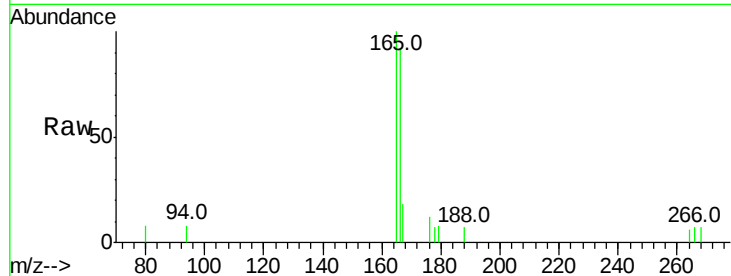
ClientSampleId :

F6C14DL

Tot Ion:	166	Resp:	998
Ion Ratio	Lower	Upper	
166	100		
165	108.4	73.4	110.2
167	19.7	14.6	22.0

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#11

Pentachlorophenol

Concen: 2.425 ng/ul

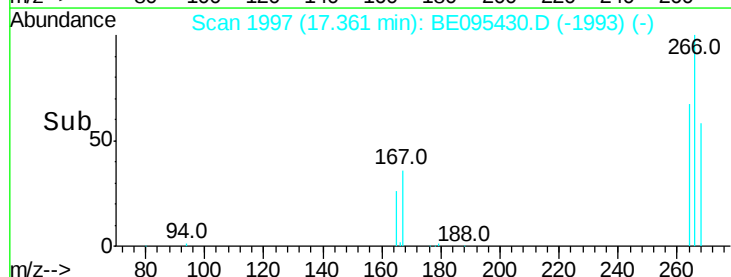
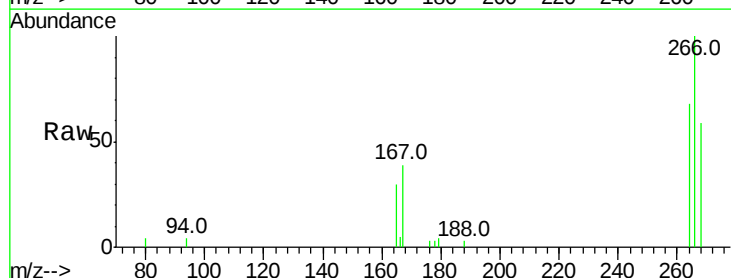
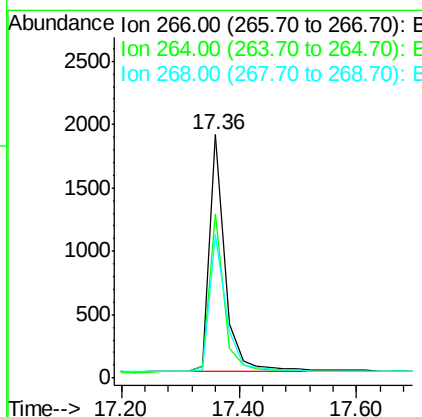
RT: 17.36 min Scan# 1997

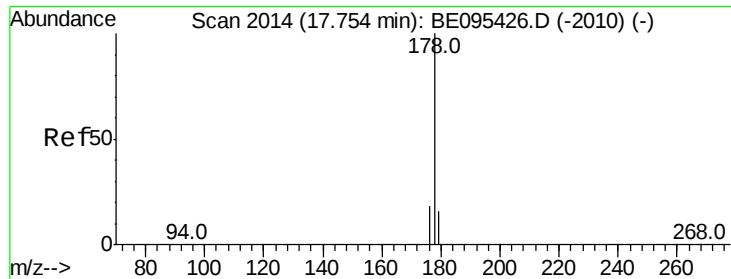
Delta R.T. -0.00 min

Lab File: BE095430.D

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Tgt Ion:	266	Resp:	3470
Ion Ratio	Lower	Upper	
266	100		
264	64.4	47.9	71.9
268	62.1	49.8	74.8





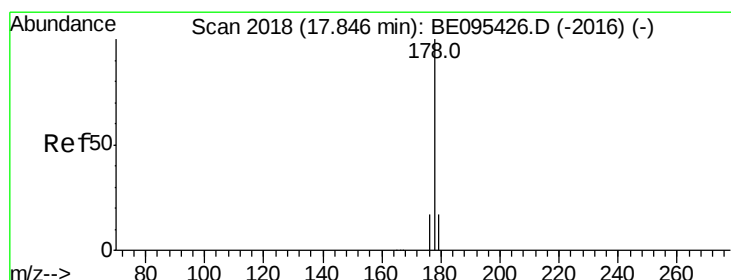
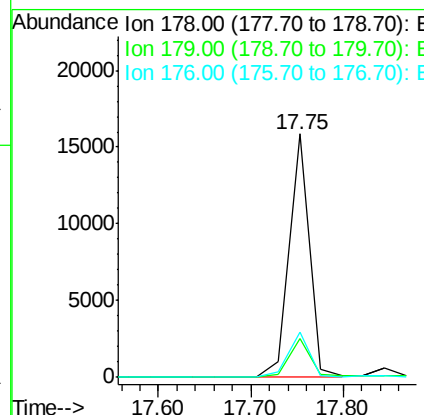
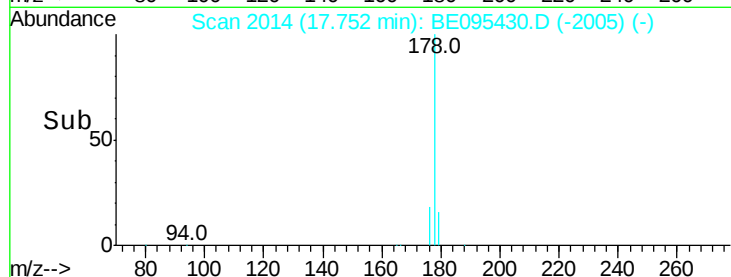
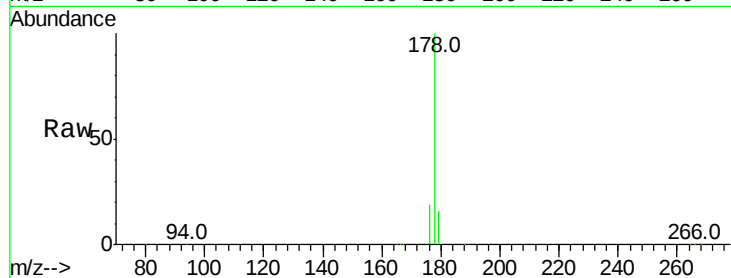
#12
Phenanthrene
Concen: 0.965 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095430.D
Acq: 3 Feb 2018 10:50

Instrument :
BNA_E
ClientSampleId :
F6C14DL

Tot Ion:178 Resp: 23982
Ion Ratio Lower Upper
178 100
179 15.9 18.4 27.6#
176 18.8 13.6 20.4

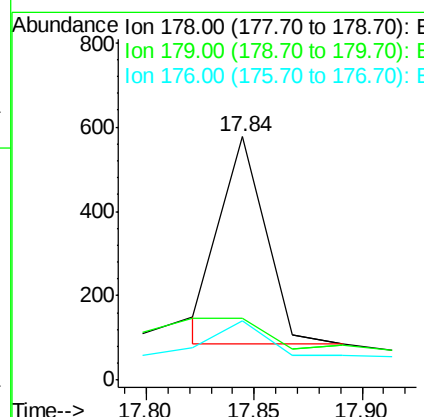
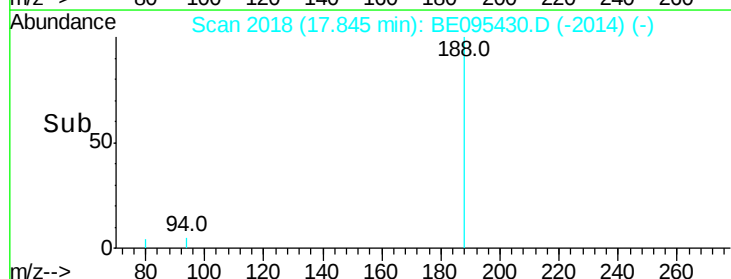
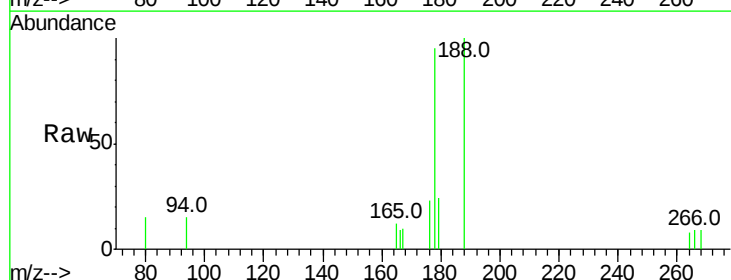
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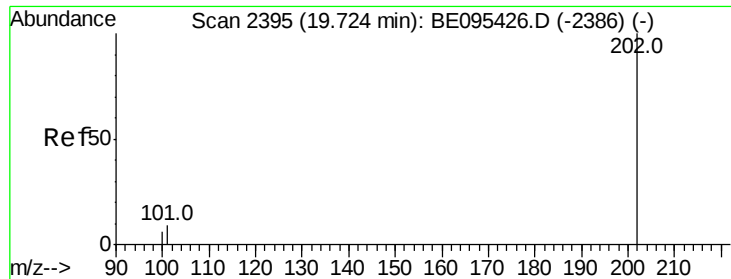
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#13
Anthracene
Concen: 0.031 ng/ul
RT: 17.84 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095430.D
Acq: 3 Feb 2018 10:50

Tgt Ion:178 Resp: 705
Ion Ratio Lower Upper
178 100
179 25.5 18.1 27.1
176 24.3 14.7 22.1#





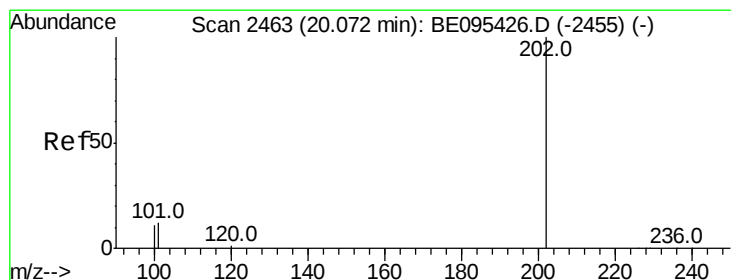
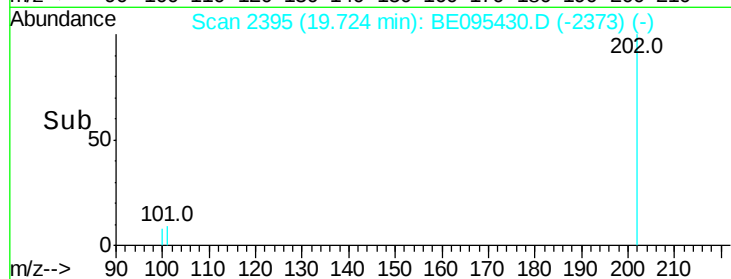
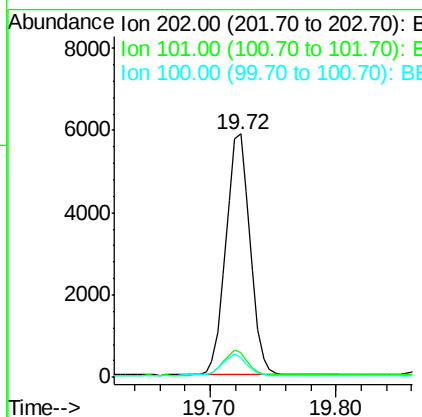
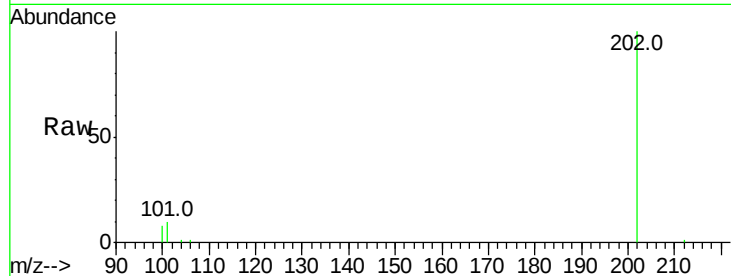
#15
Fluoranthene
 Concen: 0.243 ng/ul
 RT: 19.72 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BE095430.D
 Acq: 3 Feb 2018 10:50

Instrument :
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 ClientSampleId :
 F6C14DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	7813		
101	10.1		0.0	30.3
100	8.3		0.0	39.5

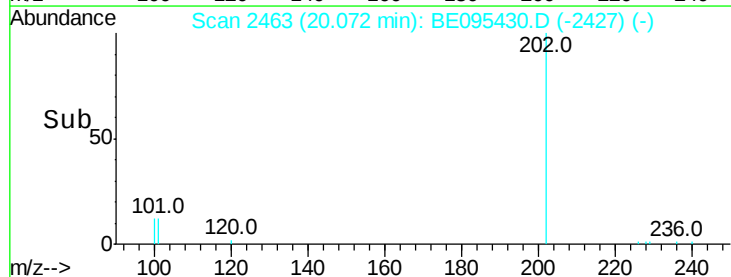
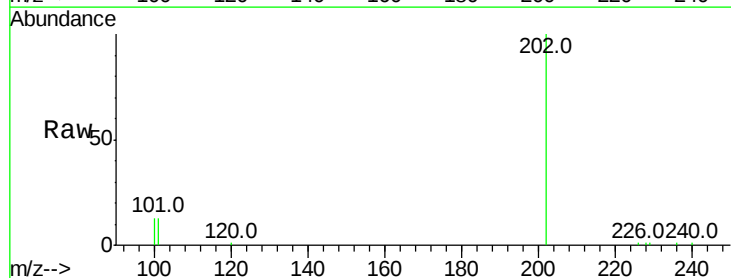
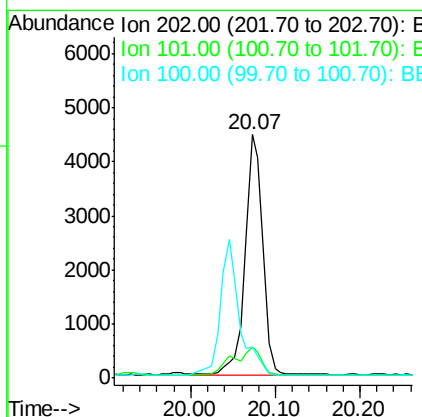
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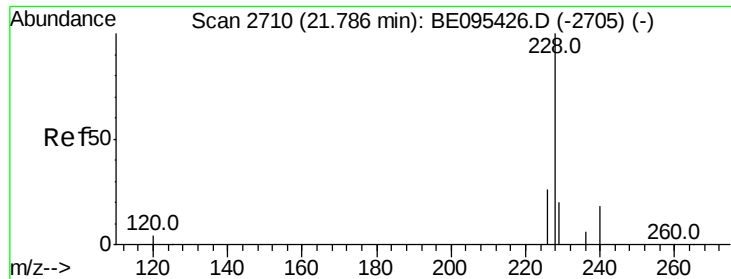
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#17
Pyrene
 Concen: 0.278 ng/ul
 RT: 20.07 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BE095430.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	7137		
101	12.7		18.2	27.4#
100	12.9		15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.088 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095430.D

Acq: 3 Feb 2018 10:50

Instrument :

BNA_E

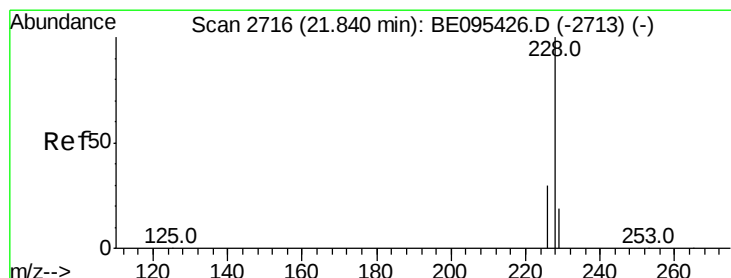
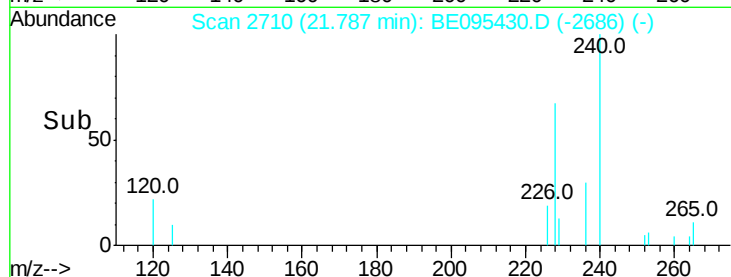
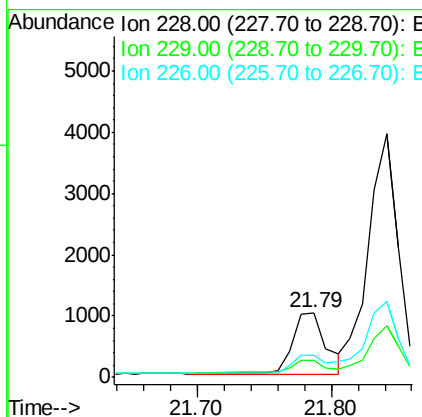
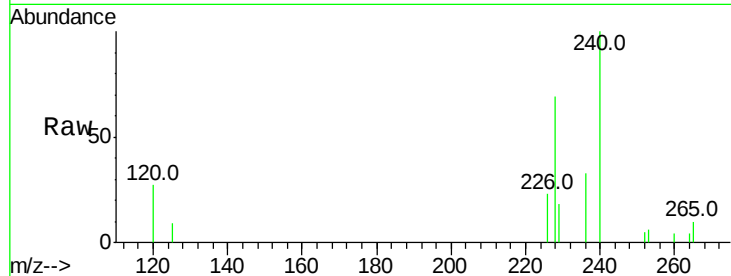
ClientSampleID :

F6C14DL

Tot Ion:	228	Resp:	2104
Ion Ratio	Lower	Upper	
228	100		
229	26.1	22.8	34.2
226	33.4	17.0	25.6

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#19

Chrysene

Concen: 0.244 ng/ul

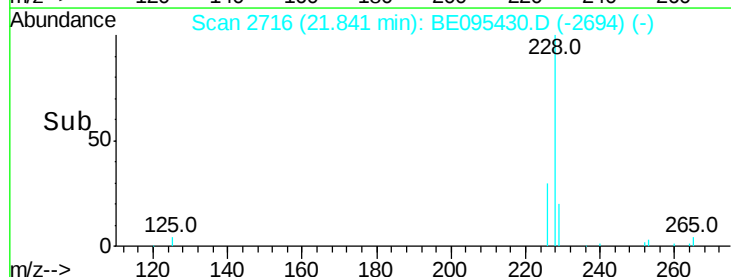
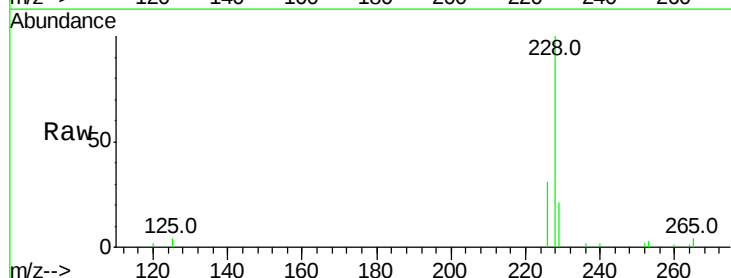
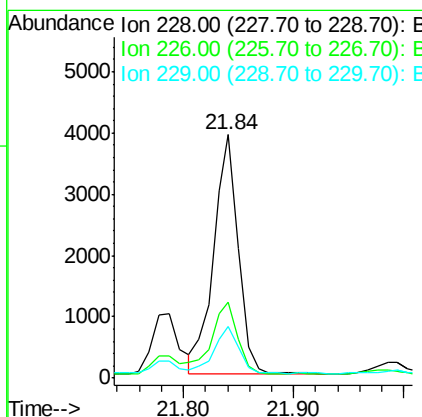
RT: 21.84 min Scan# 2716

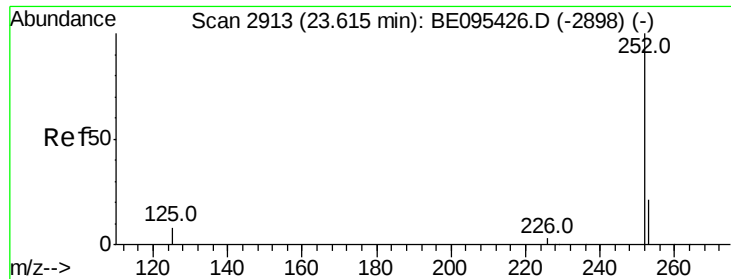
Delta R.T. 0.00 min

Lab File: BE095430.D

Acq: 3 Feb 2018 10:50

Tgt Ion:	228	Resp:	6074
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.4	35.0
229	21.1	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.168 ng/ul m

RT: 23.62 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BE095430.D

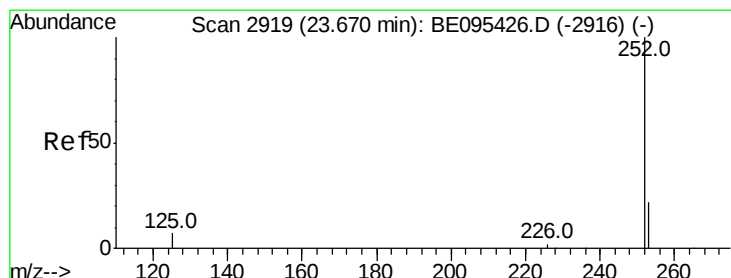
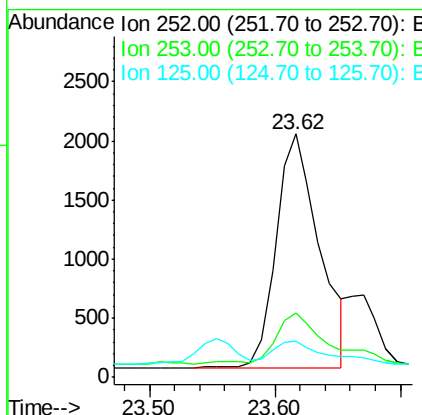
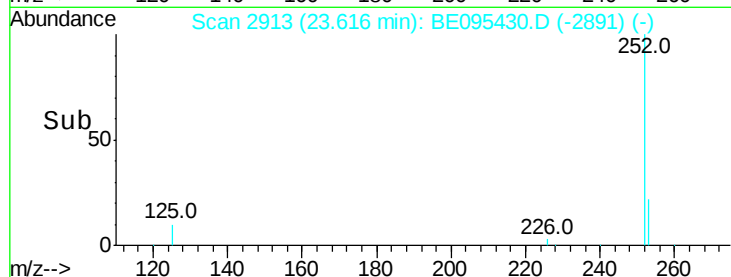
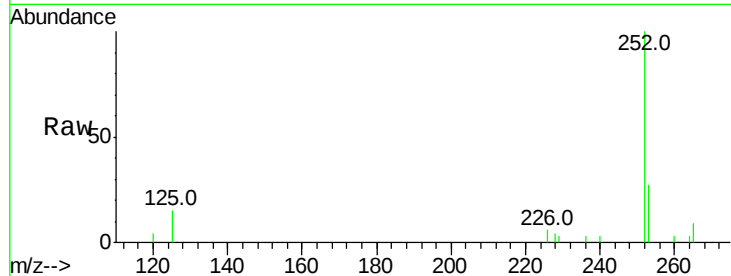
Acq: 3 Feb 2018 10:50

Instrument :
BNA_E
ClientSampled :
F6C14DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	64.2
125	15.1	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.040 ng/ul m

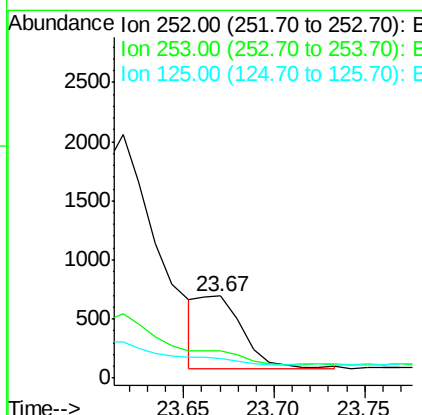
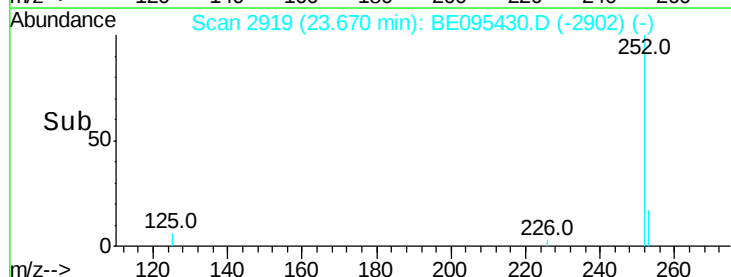
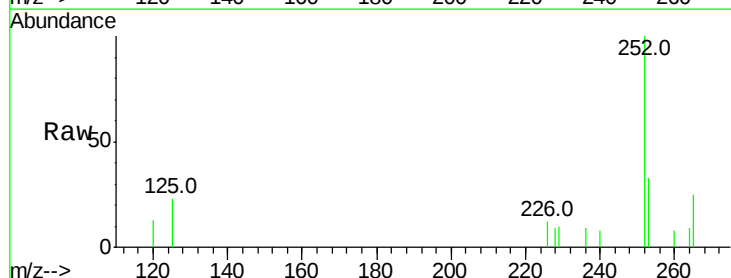
RT: 23.67 min Scan# 2919

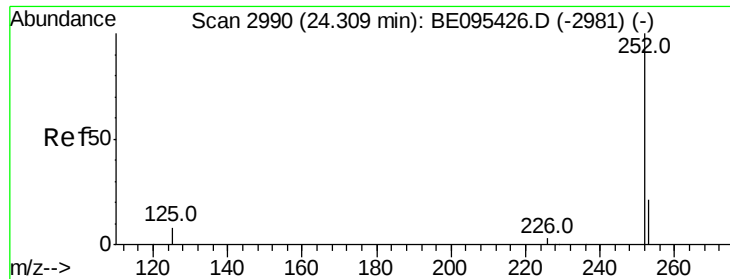
Delta R.T. 0.00 min

Lab File: BE095430.D

Acq: 3 Feb 2018 10:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.9	24.5	36.7
125	23.5	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 24.31 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BE095430.D

Acq: 3 Feb 2018 10:50

Instrument :

BNA_E

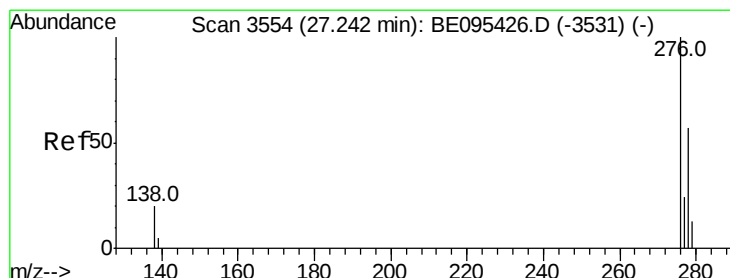
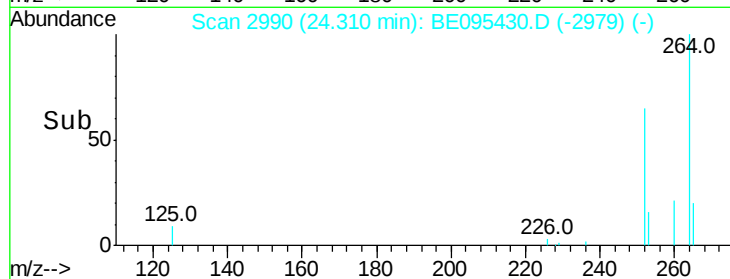
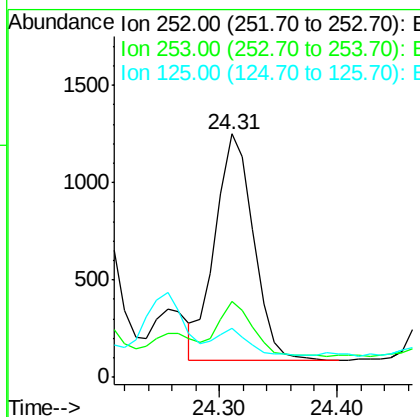
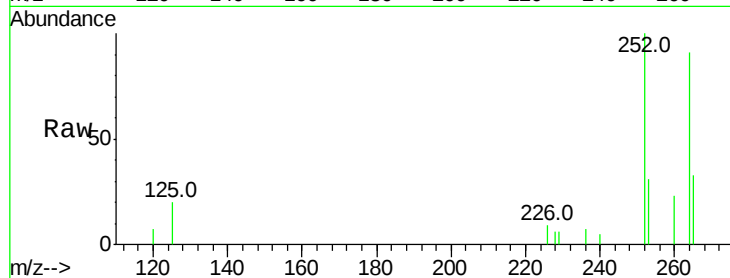
ClientSampleId :

F6C14DL

Tot Ion:	252	Resp:	2609
Ion Ratio	Lower	Upper	
252	100		
253	31.3	28.5	42.7
125	20.3	18.1	27.1

Manual Integrations
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Sohil
2/5/2018 5:49:13 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.119 ng/ul

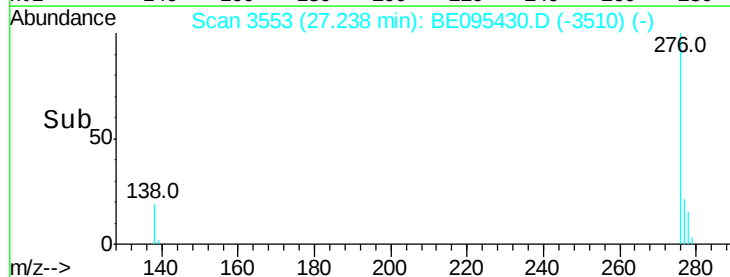
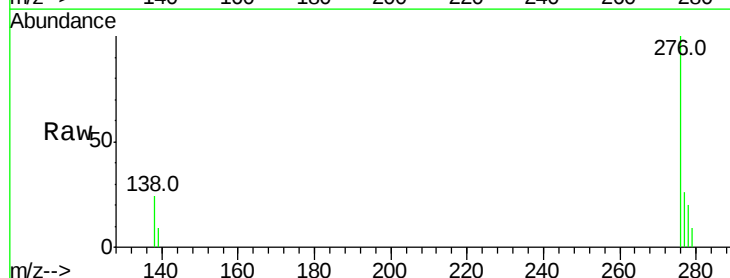
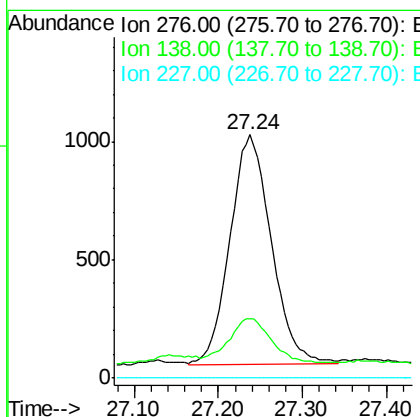
RT: 27.24 min Scan# 3553

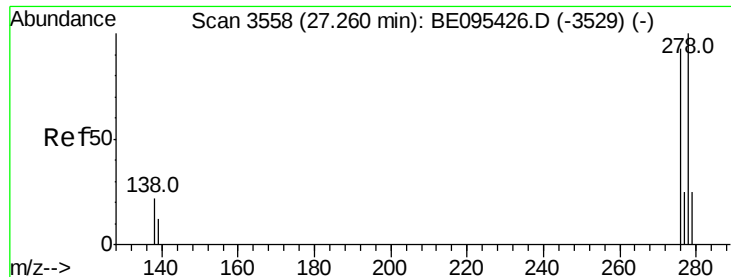
Delta R.T. -0.00 min

Lab File: BE095430.D

Acq: 3 Feb 2018 10:50

Tgt Ion:	276	Resp:	3298
Ion Ratio	Lower	Upper	
276	100		
138	20.3	28.0	42.0#
227	0.0	8.0	12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

RT: 27.26 min Scan# 3557

Delta R.T. -0.00 min

Lab File: BE095430.D

Acq: 3 Feb 2018 10:50

Instrument :

BNA_E

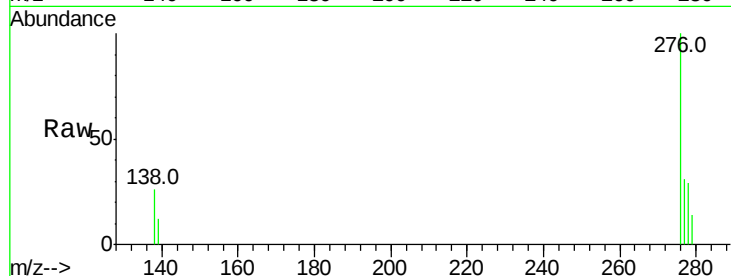
ClientSampled :

F6C14DL

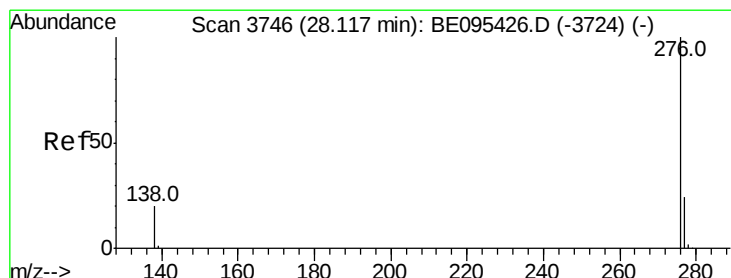
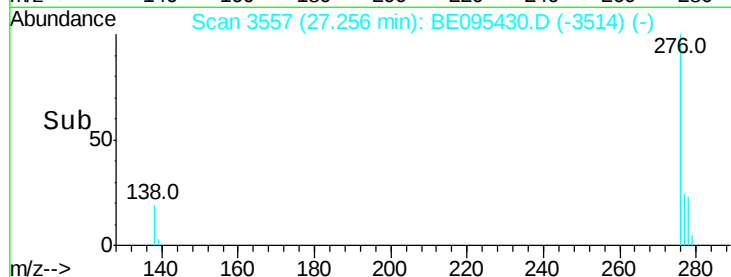
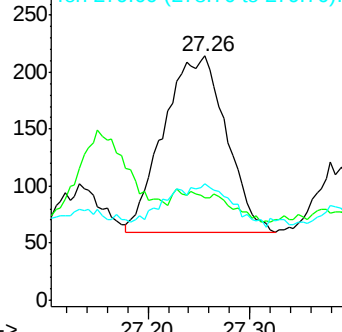
Tot Ion:	278	Resp:	660
Ion Ratio	Lower	Upper	
278	100		
139	42.1	17.4	26.0#
279	47.7	25.9	38.9#

Manual Integrations
APPROVED

Sohil
2/5/2018 5:49:13 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.131 ng/ul

RT: 28.12 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BE095430.D

Acq: 3 Feb 2018 10:50

Tgt Ion:	276	Resp:	3083
Ion Ratio	Lower	Upper	
276	100		
138	26.2	21.8	32.8
277	28.0	20.5	30.7

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

