

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE020518\
 Data File : BE095503.D
 Acq On : 5 Feb 2018 22:33
 Operator : SJ/JU
 Sample : J1314-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C44

Manual Integrations
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Sohil
 2/6/2018 2:31:11 PM

Quant Time: Feb 06 03:20:33 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 02:09:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1852	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5405	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3755	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7167	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7118	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	6317m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2678	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	6811	0.25	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.30	128	798	0.053	ng/ul#	72
5) 2-Methylnaphthalene	12.88	142	708	0.070	ng/ul	99
7) Acenaphthylene	14.74	152	7079	0.392	ng/ul#	74
8) Acenaphthene	15.07	153	1318	0.094	ng/ul#	84
9) Fluorene	16.02	166	863m	0.060	ng/ul	
11) Pentachlorophenol	17.36	266	125669	90.529	ng/ul	96
12) Phenanthrene	17.75	178	30021	1.245	ng/ul	93
13) Anthracene	17.85	178	51965m	2.355	ng/ul	
15) Fluoranthene	19.72	202	179378	5.747	ng/ul	81
17) Pyrene	20.08	202	207381	8.683	ng/ul#	76
18) Benzo(a)anthracene	21.79	228	56235	2.527	ng/ul#	90
19) Chrysene	21.84	228	62303m	2.696	ng/ul	
21) Benzo(b)fluoranthene	23.62	252	132387m	5.940	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	26940m	1.321	ng/ul	
23) Benzo(a)pyrene	24.32	252	34210m	1.719	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.26	276	46736m	2.141	ng/ul	
25) Dibenzo(a,h)anthracene	27.27	278	10969m	0.614	ng/ul	
26) Benzo(g,h,i)perylene	28.13	276	49635m	2.686	ng/ul	

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

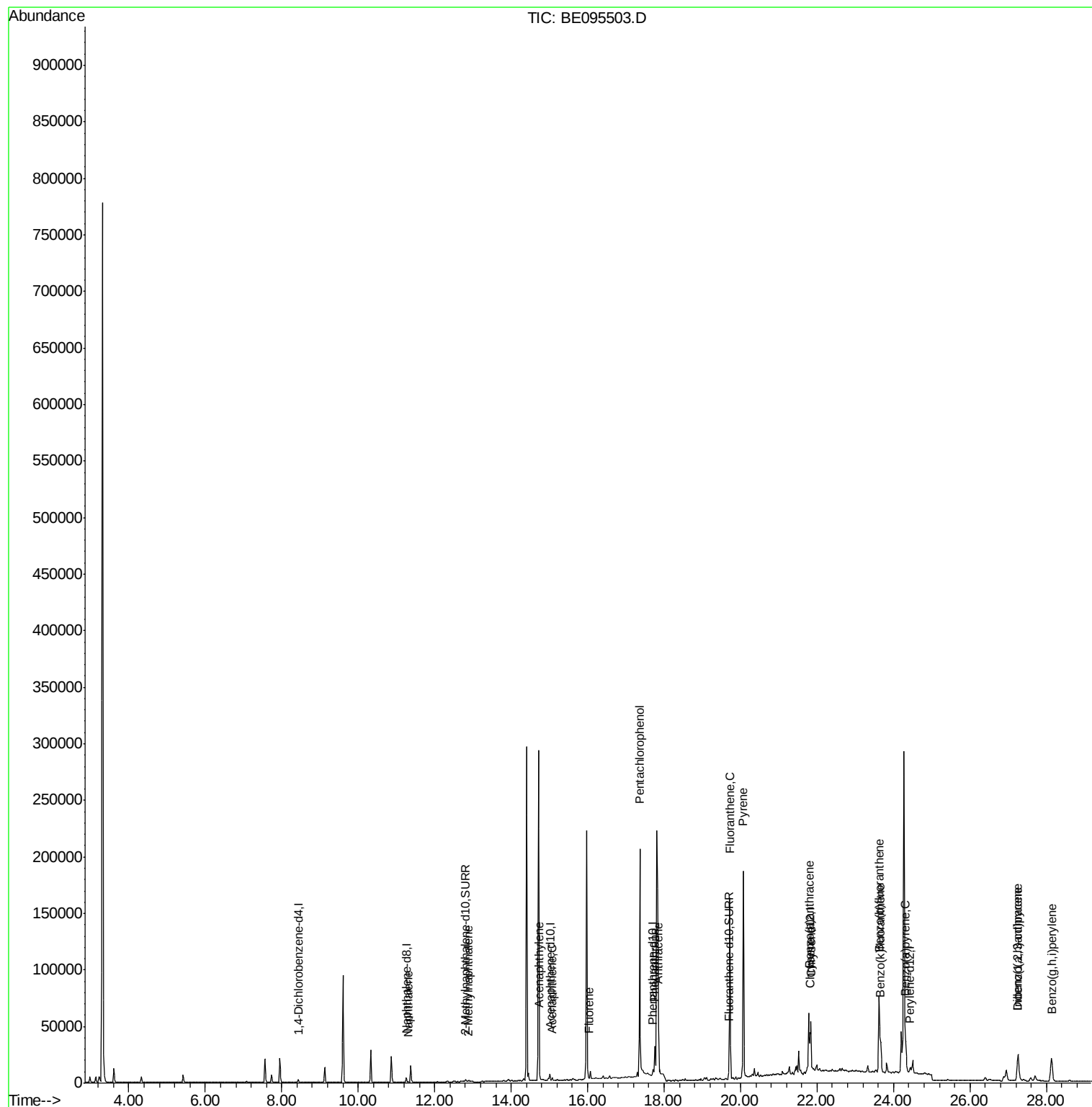
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE020518\
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ALS Vial : 20 Sample Multiplier: 1

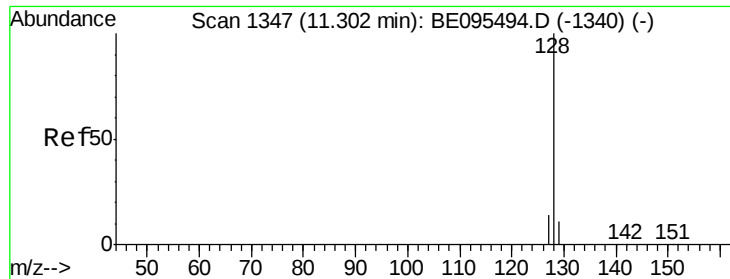
Instrument :
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#3

Naphthalene

Concen: 0.053 ng/ul

RT: 11.30 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Instrument :

BNA_E

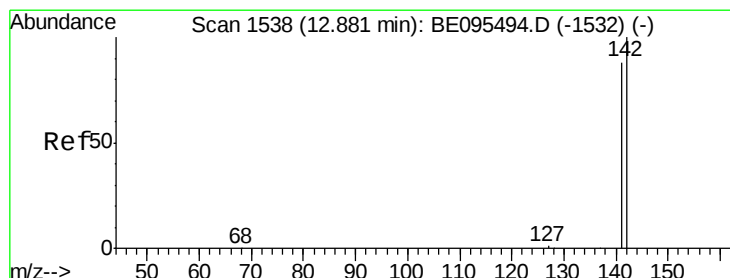
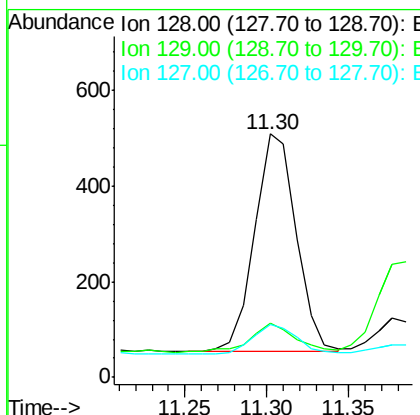
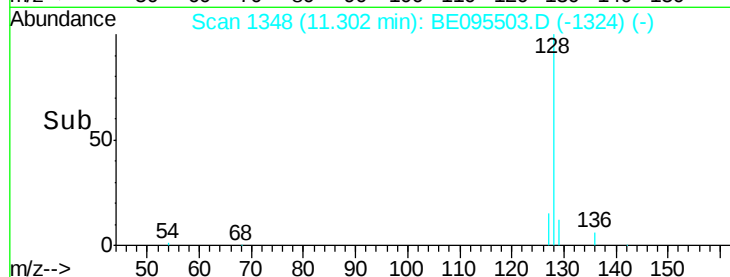
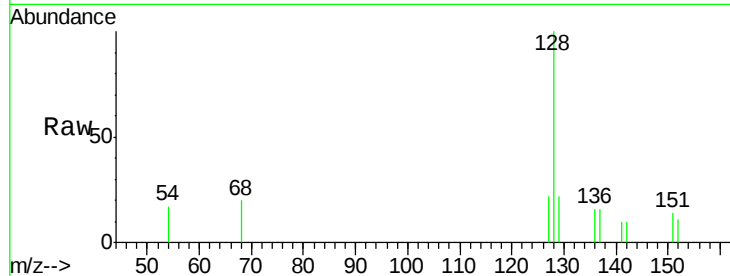
ClientSampleId :

F6C44

Tgt Ion:	128	Resp:	798
Ion	Ratio	Lower	Upper
128	100		
129	22.2	11.3	16.9#
127	22.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.070 ng/ul

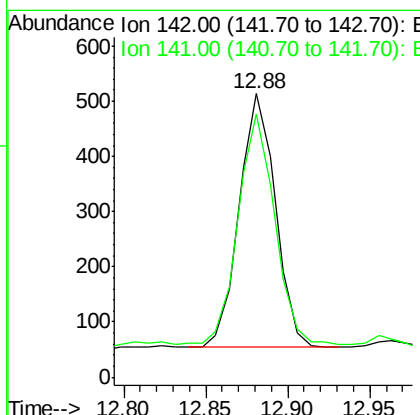
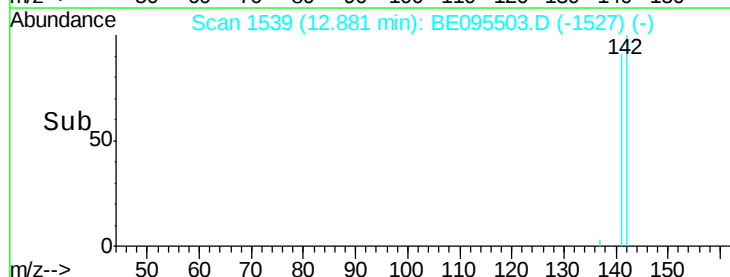
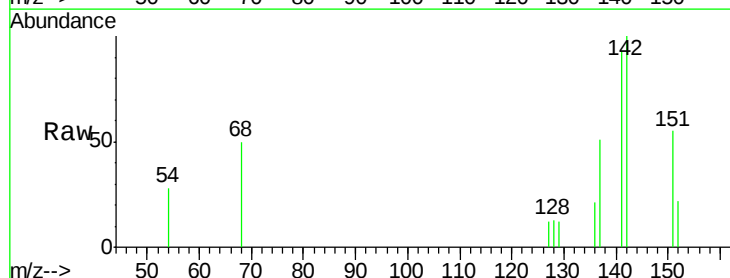
RT: 12.88 min Scan# 1539

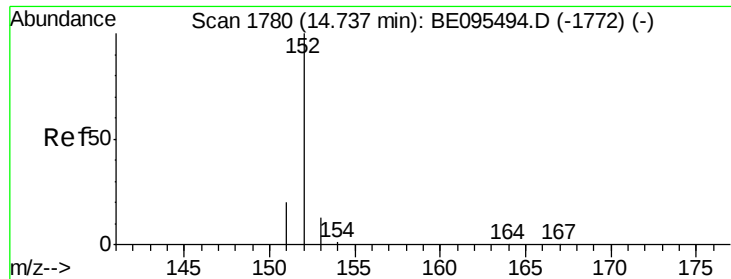
Delta R.T. 0.00 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Tgt Ion:	142	Resp:	708
Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.392 ng/ul

RT: 14.74 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Instrument :

BNA_E

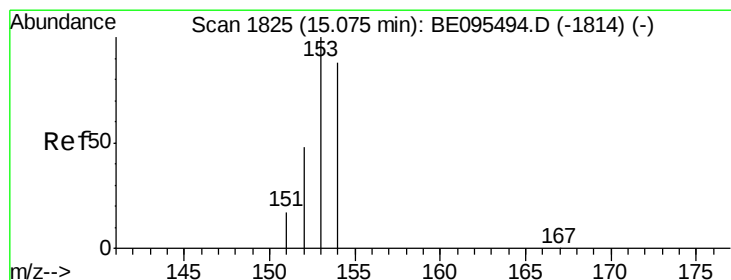
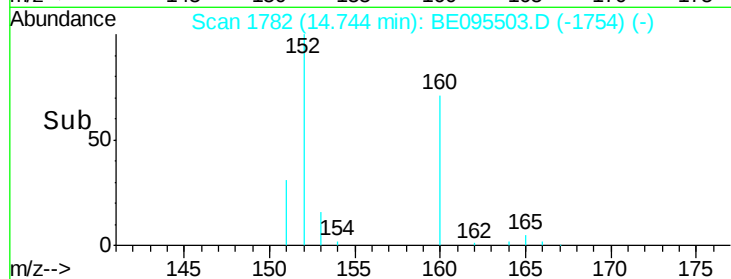
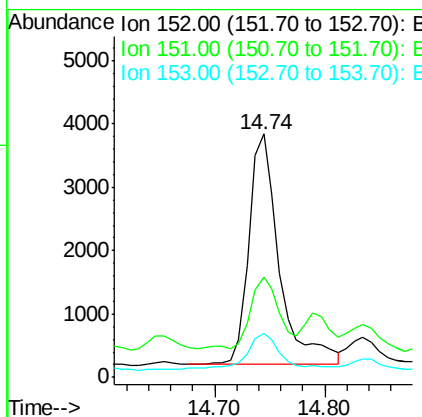
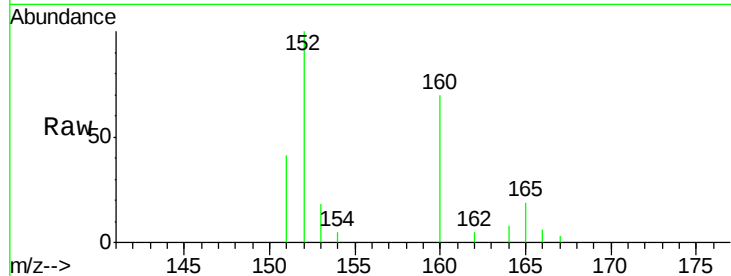
ClientSampled :

F6C44

Tgt Ion:	152	Resp:	7079
Ion Ratio	Lower	Upper	
152	100		
151	41.4	17.1	25.7#
153	18.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.094 ng/ul

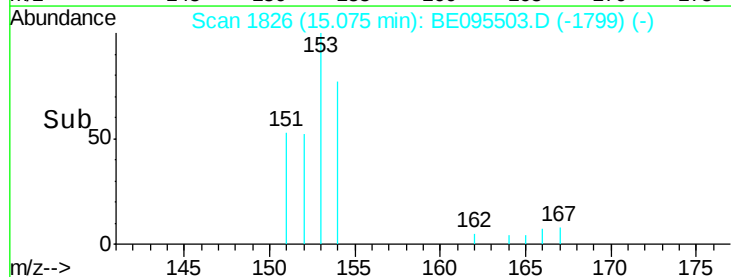
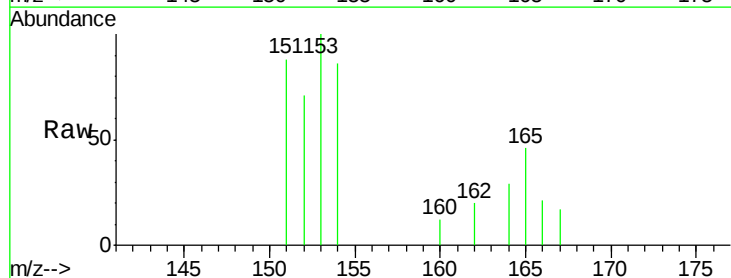
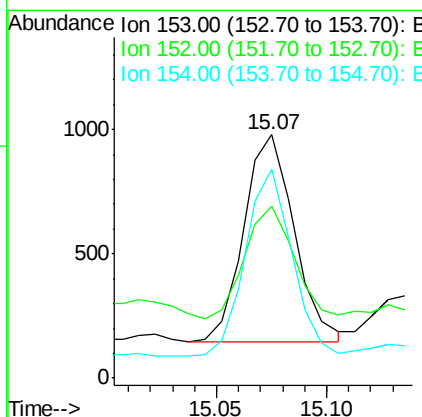
RT: 15.07 min Scan# 1826

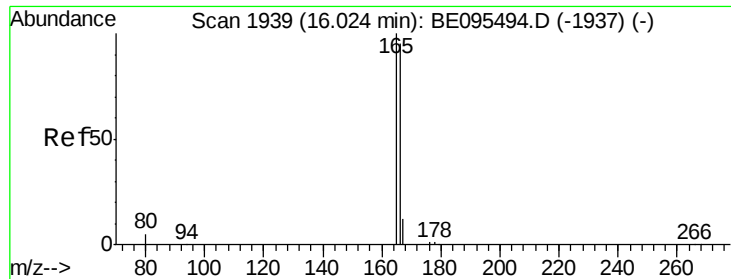
Delta R.T. -0.00 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Tgt Ion:	153	Resp:	1318
Ion Ratio	Lower	Upper	
153	100		
152	70.6	36.0	54.0#
154	85.7	72.0	108.0





#9

Fluorene

Concen: 0.060 ng/ul m

RT: 16.02 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Instrument :

BNA_E

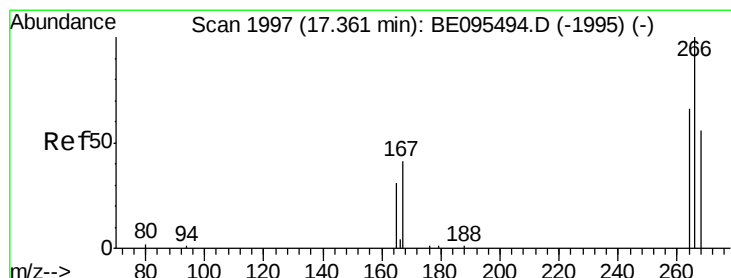
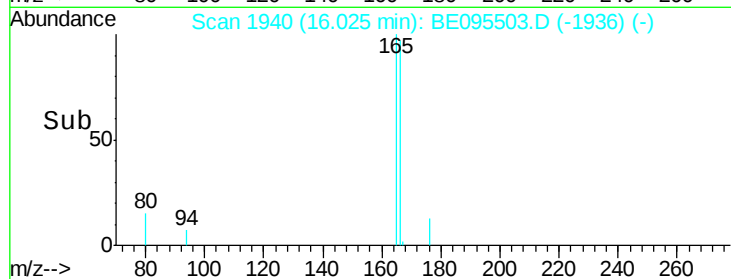
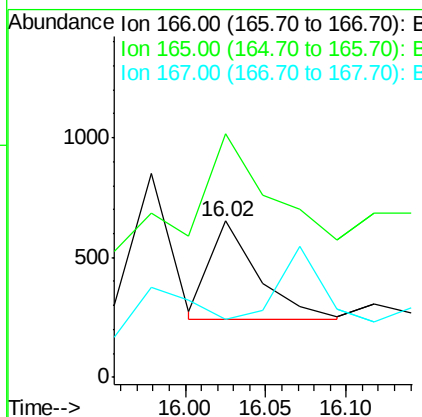
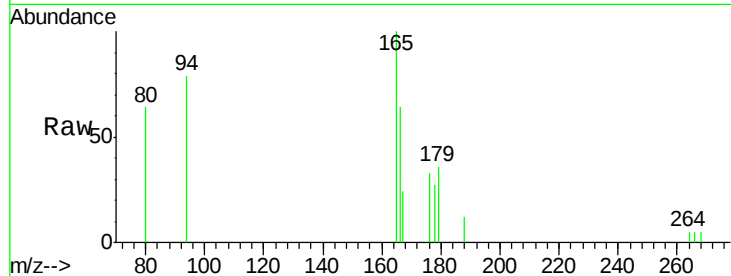
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	155.6	73.4	110.2#
167	36.8	14.6	22.0#

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#11

Pentachlorophenol

Concen: 90.529 ng/ul

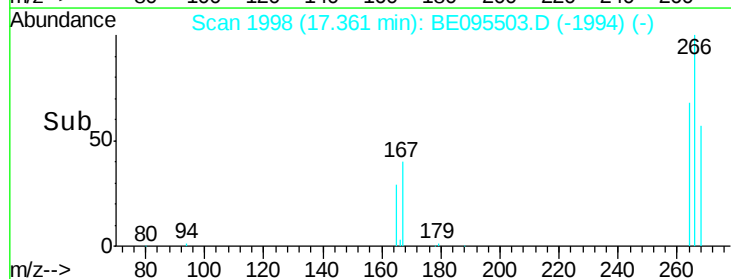
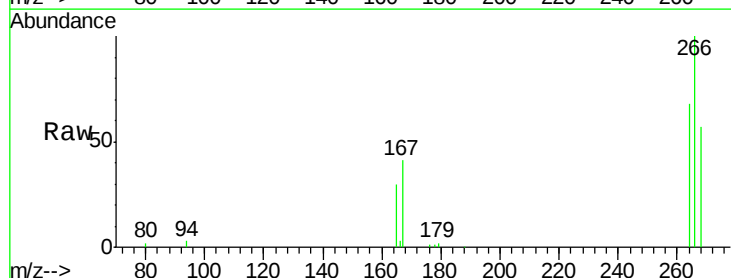
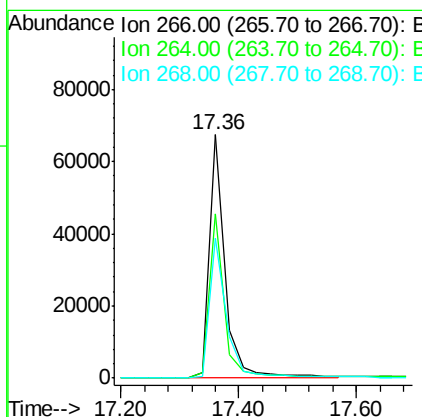
RT: 17.36 min Scan# 1998

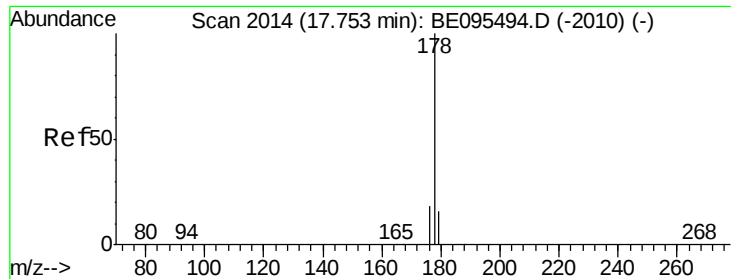
Delta R.T. 0.00 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.8	47.9	71.9
268	61.7	49.8	74.8





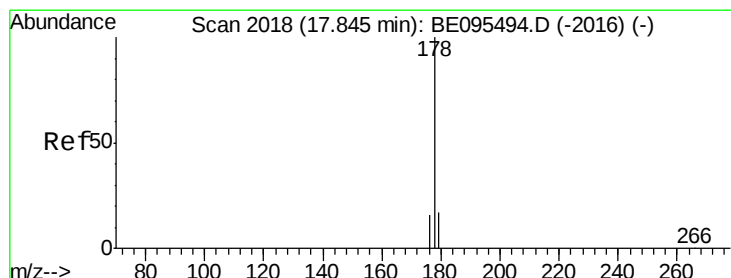
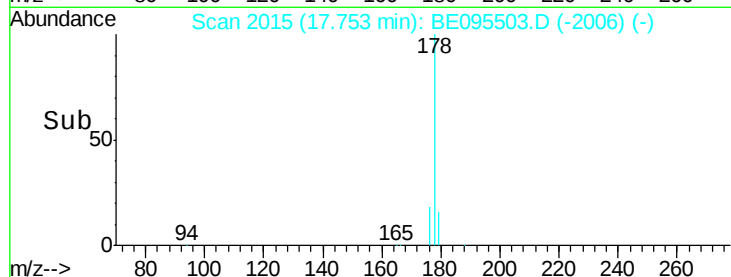
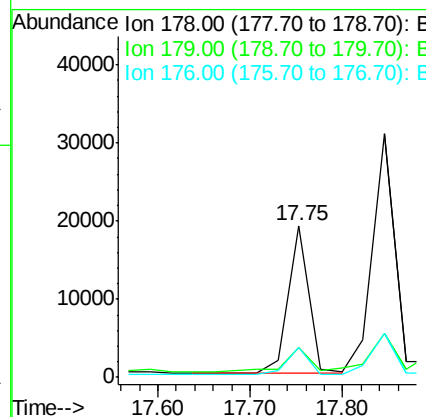
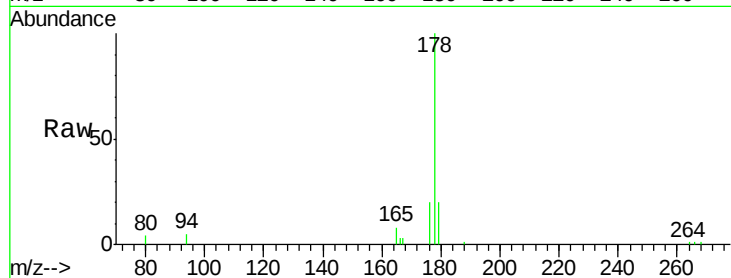
#12
Phenanthrene
Concen: 1.245 ng/ul
RT: 17.75 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE095503.D
Acq: 5 Feb 2018 22:33

Instrument :
BNA_E
ClientSampleId :
F6C44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.5	18.4	27.6
176	19.6	13.6	20.4

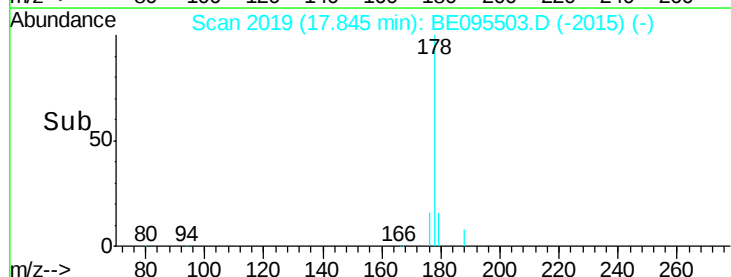
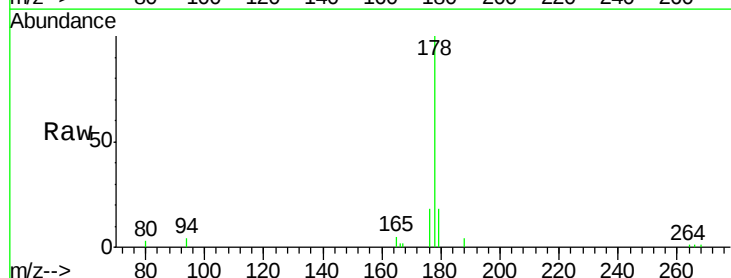
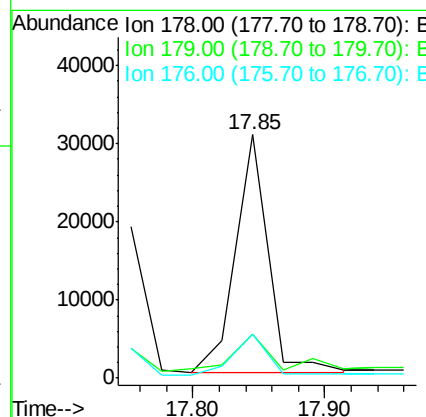
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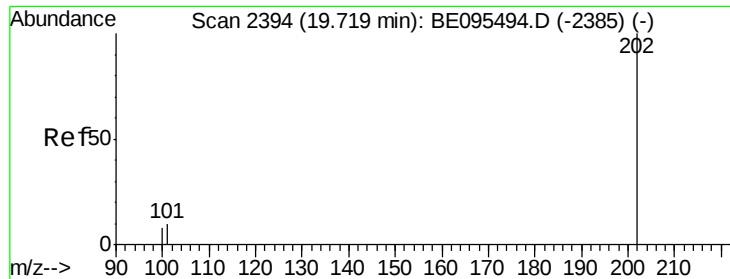
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#13
Anthracene
Concen: 2.355 ng/ul m
RT: 17.85 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BE095503.D
Acq: 5 Feb 2018 22:33

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





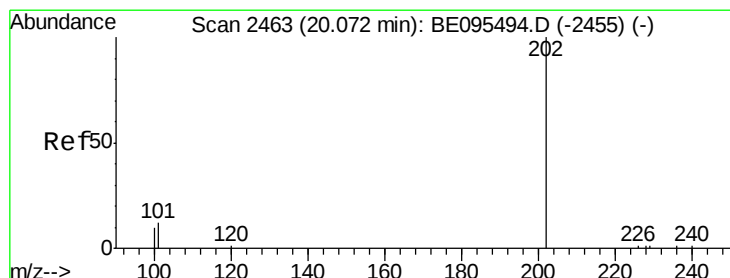
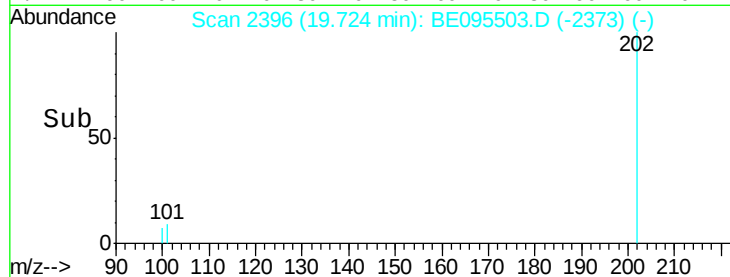
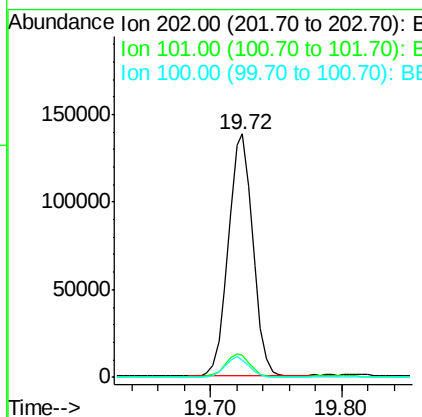
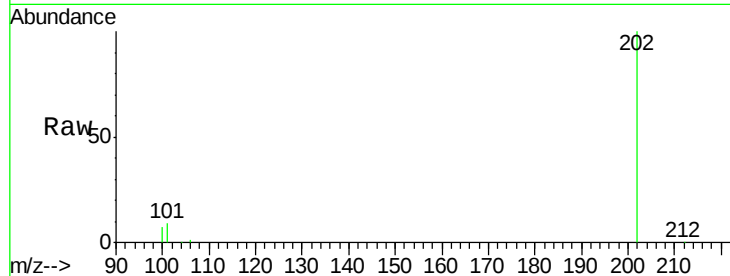
#15
Fluoranthene
 Concen: 5.747 ng/ul
 RT: 19.72 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BE095503.D
 Acq: 5 Feb 2018 22:33

Instrument :
 BNA_E
 ClientSampleId :
 F6C44

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.1	0.0	30.3
100	7.3	0.0	39.5

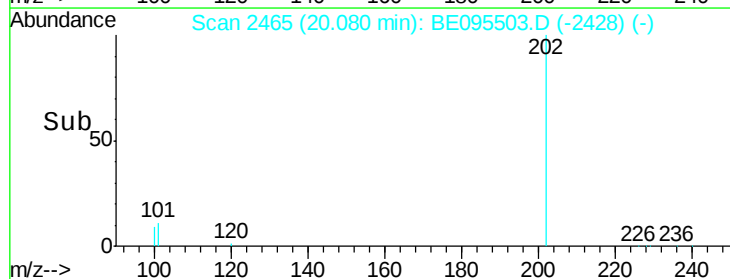
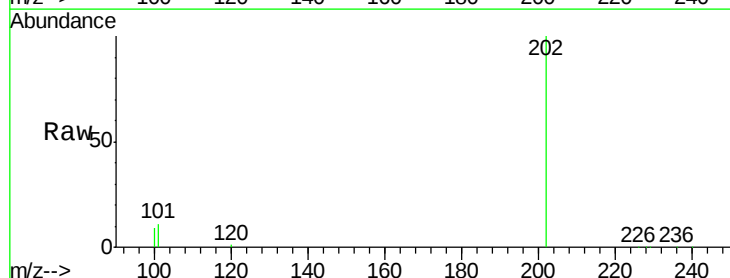
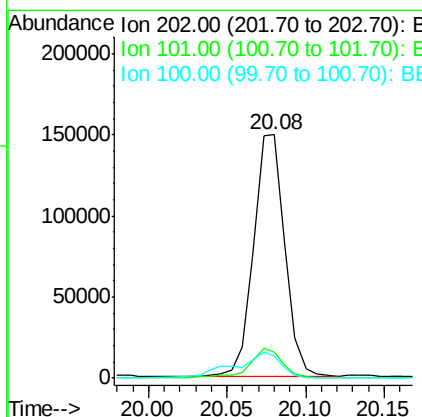
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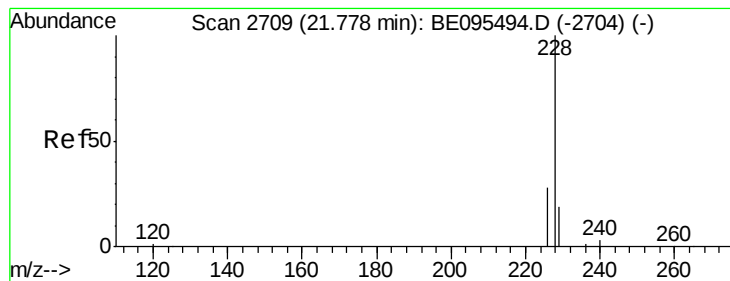
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#17
Pyrene
 Concen: 8.683 ng/ul
 RT: 20.08 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BE095503.D
 Acq: 5 Feb 2018 22:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	18.2	27.4#
100	9.1	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 2.527 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.01 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Instrument :

BNA_E

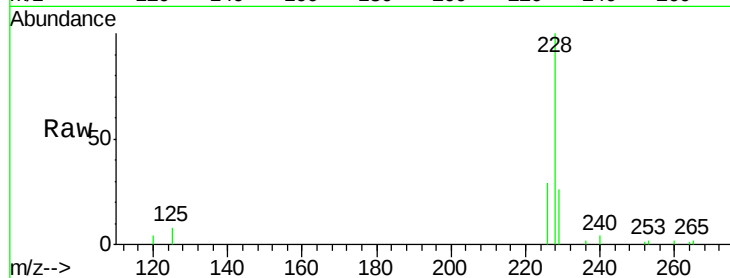
ClientSampleId :

F6C44

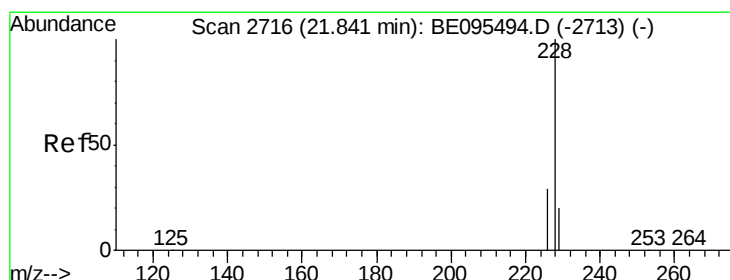
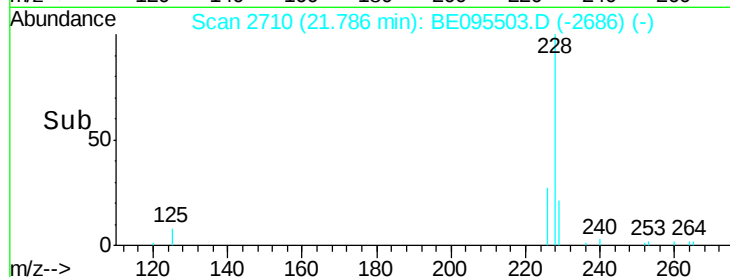
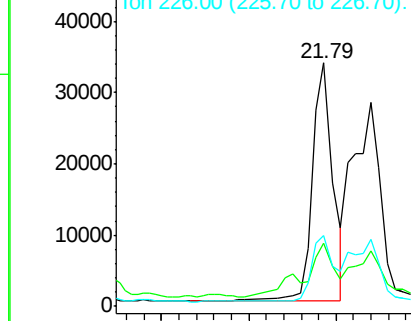
Tgt Ion:	228	Resp:	56235
Ion Ratio	Lower	Upper	
228	100		
229	25.7	22.8	34.2
226	29.0	17.0	25.6#

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 2.696 ng/ul m

RT: 21.84 min Scan# 2716

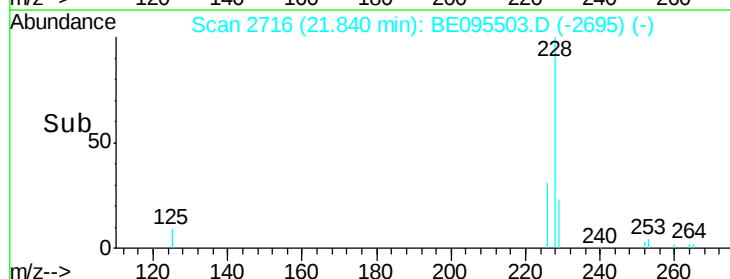
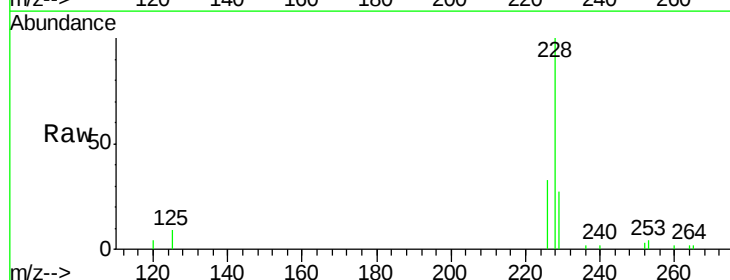
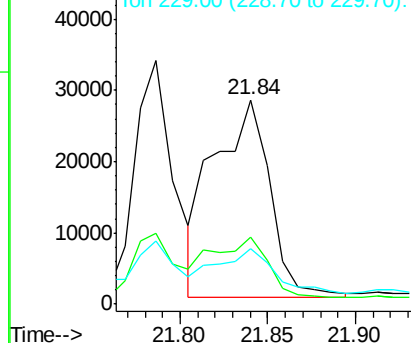
Delta R.T. -0.00 min

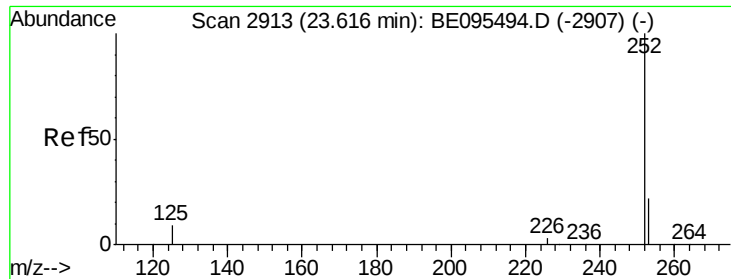
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Tgt Ion:	228	Resp:	62303
Ion Ratio	Lower	Upper	
228	100		
226	32.6	23.4	35.0
229	27.0	17.7	26.5#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





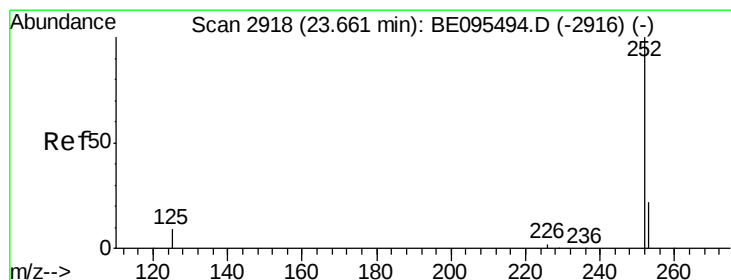
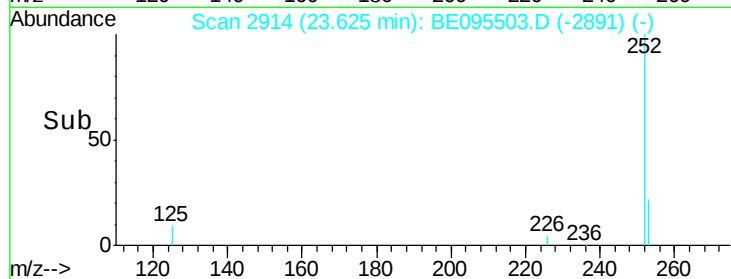
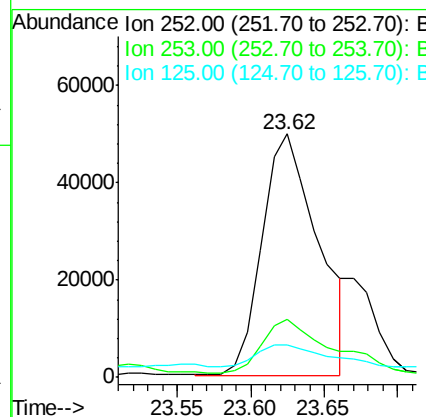
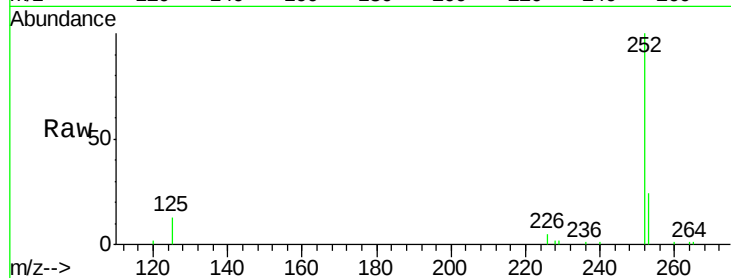
#21
Benzo(b)fluoranthene
Concen: 5.940 ng/ul m
RT: 23.62 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095503.D
Acq: 5 Feb 2018 22:33

Instrument :
BNA_E
ClientSampleId :
F6C44

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	0.0	64.2
125	13.4	0.0	35.0

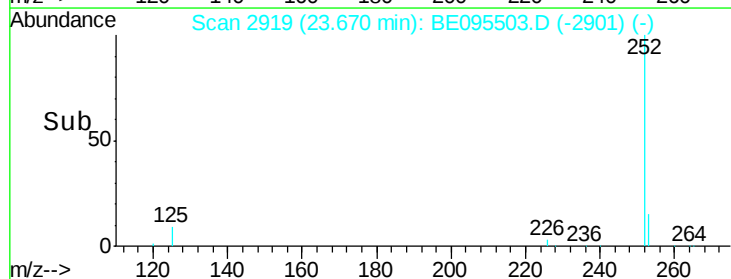
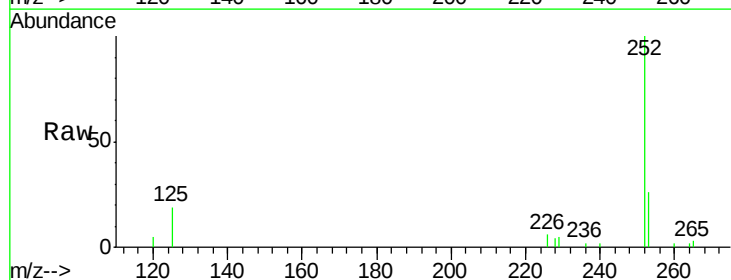
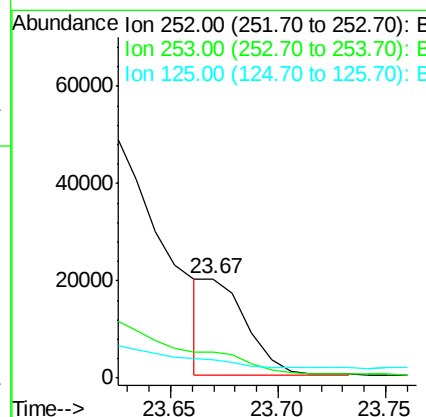
Manual Integrations
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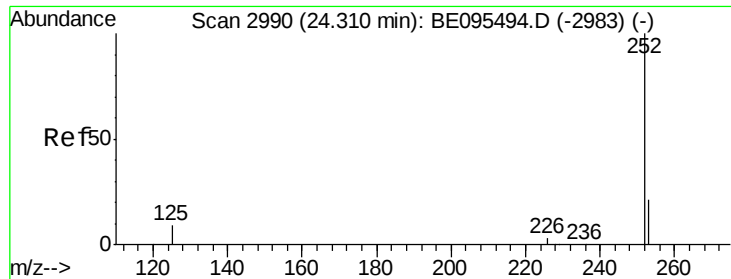
Sohil
2/6/2018 2:31:11 PM



#22
Benzo(k)fluoranthene
Concen: 1.321 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. 0.01 min
Lab File: BE095503.D
Acq: 5 Feb 2018 22:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.1	24.5	36.7
125	19.0	13.7	20.5





#23

Benzo(a)pyrene

Concen: 1.719 ng/ul m

RT: 24.32 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Instrument :

BNA_E

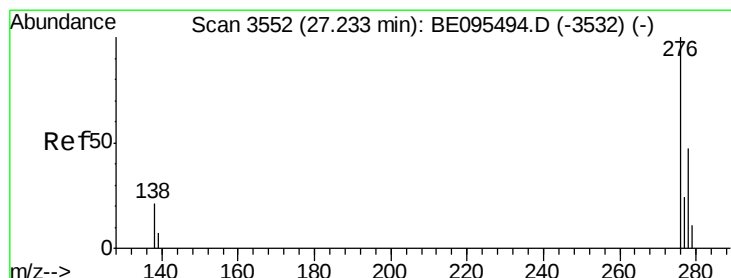
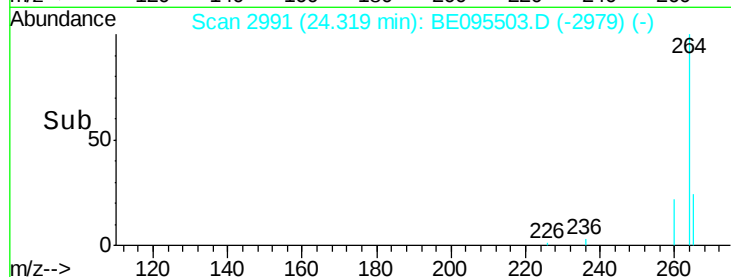
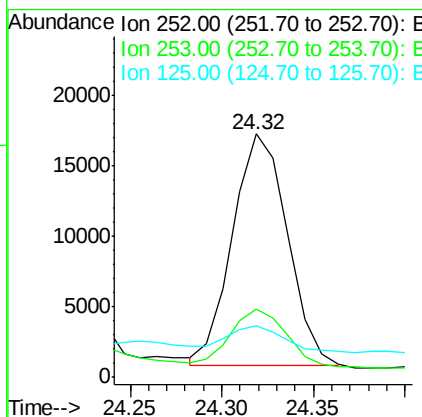
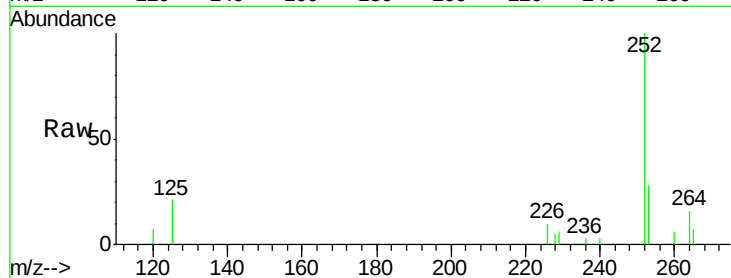
ClientSampleId :

F6C44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	34210		
253	28.0	28.5	42.7#	
125	21.3	18.1	27.1	

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#24

Indeno(1,2,3-cd)pyrene

Concen: 2.141 ng/ul m

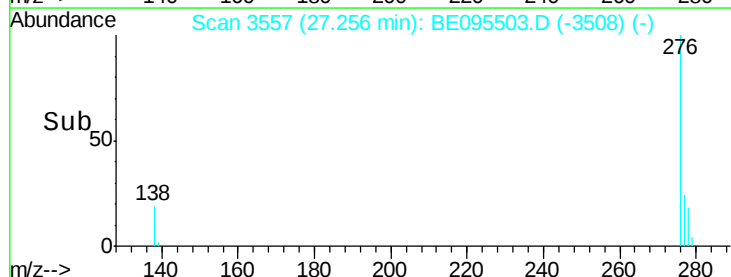
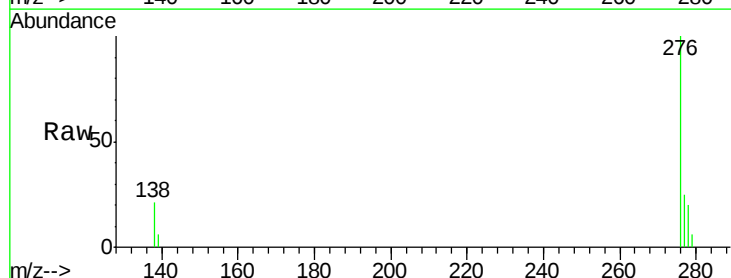
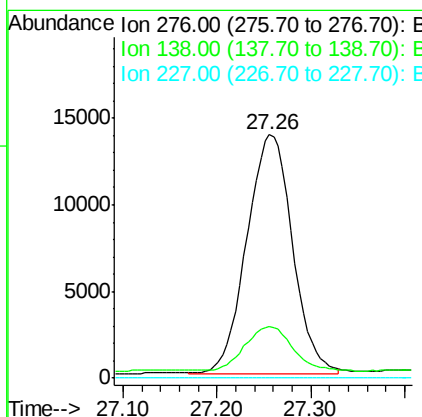
RT: 27.26 min Scan# 3557

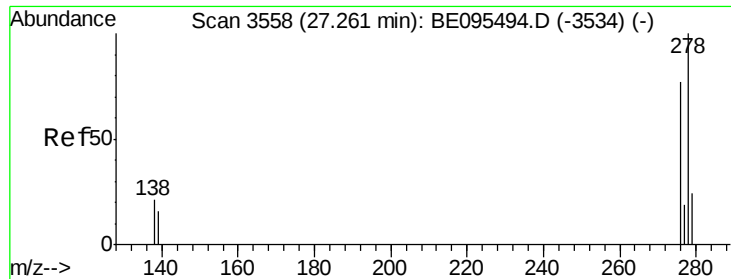
Delta R.T. 0.02 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	46736		
138	3.4	28.0	42.0#	
227	0.0	8.0	12.0#	





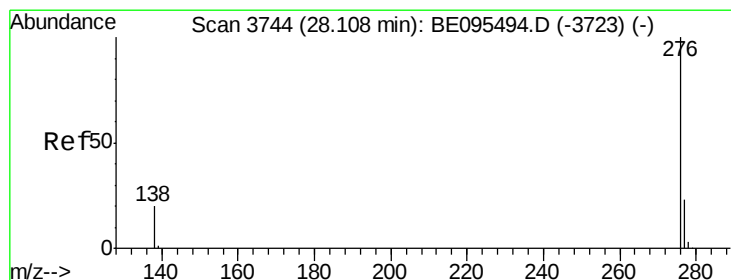
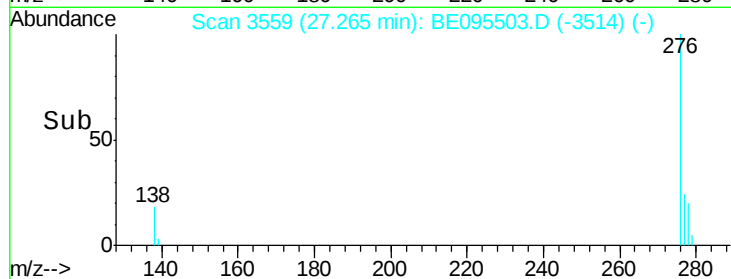
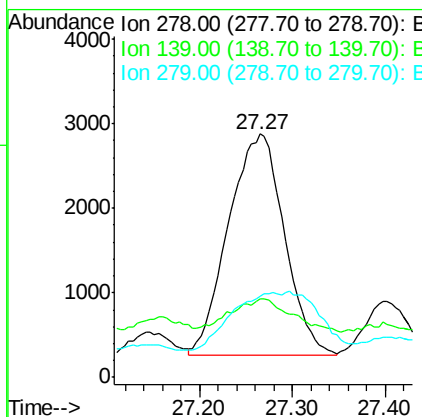
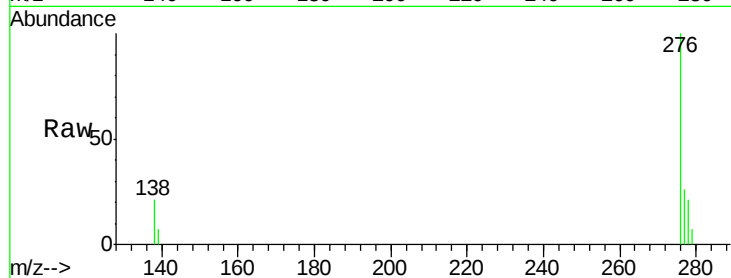
#25
Dibenzo(a,h)anthracene
Concen: 0.614 ng/ul m
RT: 27.27 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BE095503.D
Acq: 5 Feb 2018 22:33

Instrument :
BNA_E
ClientSampleId :
F6C44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.2	17.4	26.0#
279	33.1	25.9	38.9

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#26
Benzo(g,h,i)perylene
Concen: 2.686 ng/ul m
RT: 28.13 min Scan# 3749
Delta R.T. 0.02 min
Lab File: BE095503.D
Acq: 5 Feb 2018 22:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.8	32.8#
277	24.9	20.5	30.7

