

Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
 Data File : BE095154.D
 Acq On : 27 Jan 2018 6:52
 Operator : SJ/JU
 Sample : J1174-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A46

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:23 PM

Quant Time: Jan 29 16:45:06 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 03:18:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3691	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	12161	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	8003	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	17581m	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	16968	0.40	ng/ul	0.00
20) Perylene-d12	24.45	264	15392m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	5210	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	14640	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	1530	0.045	ng/ul#	85
5) 2-Methylnaphthalene	12.89	142	1138	0.050	ng/ul	96
7) Acenaphthylene	14.74	152	7419	0.193	ng/ul#	94
8) Acenaphthene	15.08	153	1018	0.034	ng/ul#	82
9) Fluorene	16.05	166	1211m	0.039	ng/ul	
11) Pentachlorophenol	17.36	266	10571	3.104	ng/ul	97
12) Phenanthrene	17.75	178	9963	0.168	ng/ul#	89
13) Anthracene	17.85	178	14287	0.264	ng/ul#	91
15) Fluoranthene	19.73	202	38489	0.503	ng/ul	83
17) Pyrene	20.08	202	61839	1.086	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	19880	0.375	ng/ul#	84
19) Chrysene	21.84	228	29015	0.527	ng/ul#	86
21) Benzo(b)fluoranthene	23.62	252	52316m	0.963	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	12363m	0.249	ng/ul	
23) Benzo(a)pyrene	24.33	252	27057m	0.558	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	24164m	0.454	ng/ul	
25) Dibenzo(a,h)anthracene	27.25	278	5384m	0.124	ng/ul	
26) Benzo(g,h,i)perylene	28.13	276	25614m	0.569	ng/ul	

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

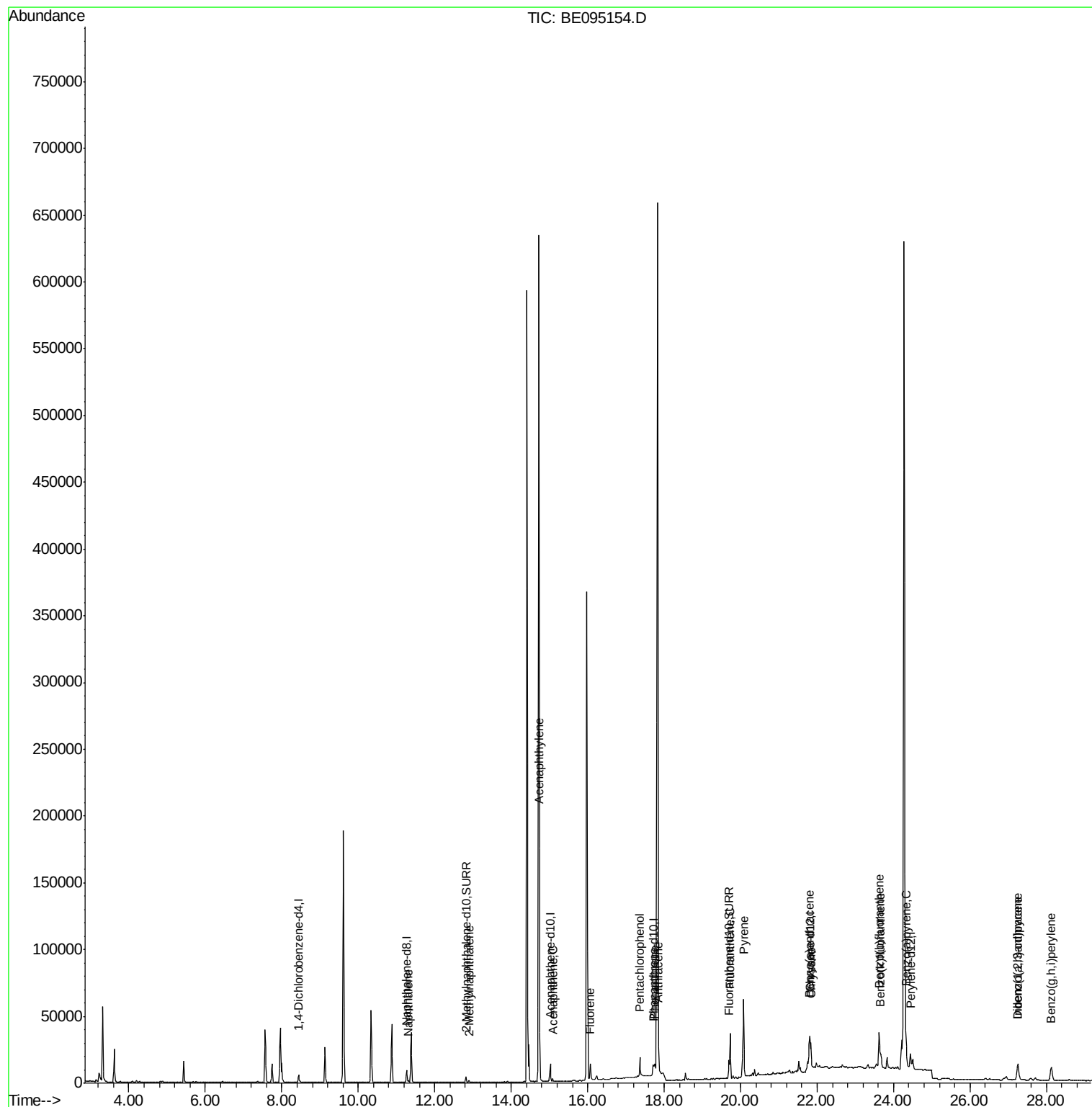
Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
Data File : BE095154.D
Acq On : 27 Jan 2018 6:52
Operator : SJ/JU
Sample : J1174-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

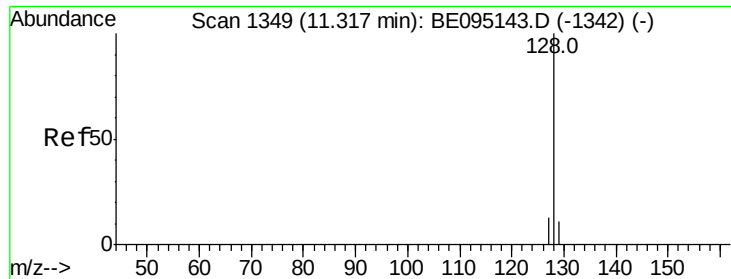
Instrument :
BNA_E
ClientSampleId :
F6A46

Manual Integrations
APPROVED

Sohil
1/29/2018 6:34:23 PM

Quant Time: Jan 29 16:45:06 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 03:18:43 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.045 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BE095154.D

Acq: 27 Jan 2018 6:52

Instrument :

BNA_E

ClientSampleId :

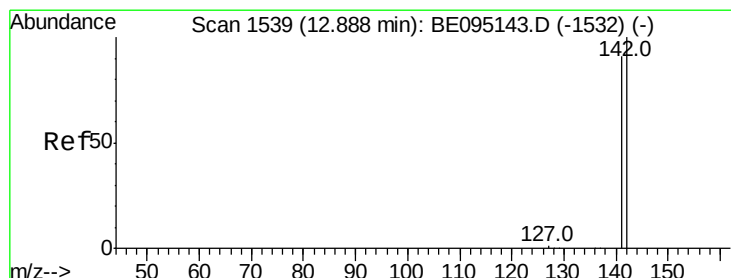
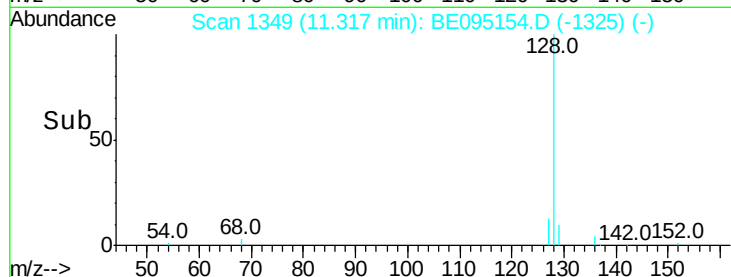
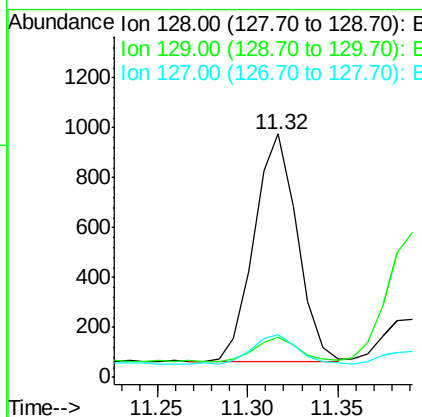
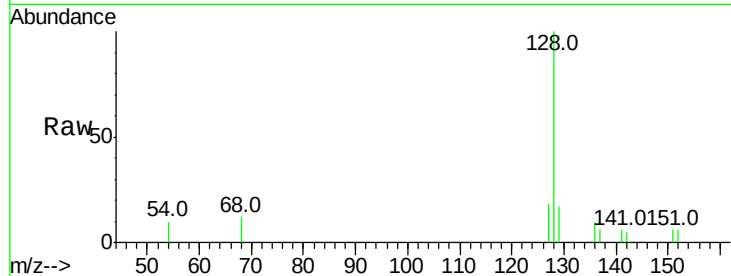
F6A46

Tot Ion:	128	Resp:	1530
Ion	Ratio	Lower	Upper
128	100		
129	16.7	11.3	16.9
127	17.7	4.0	6.0#

Manual Integrations
APPROVED

Sohil

1/29/2018 6:34:23 PM



#5

2-Methylnaphthalene

Concen: 0.050 ng/ul

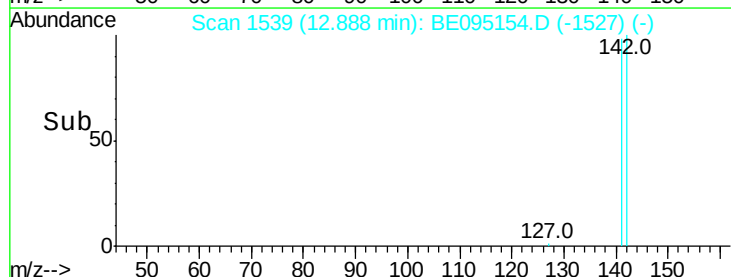
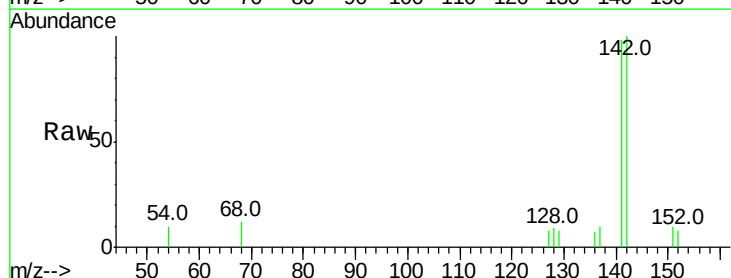
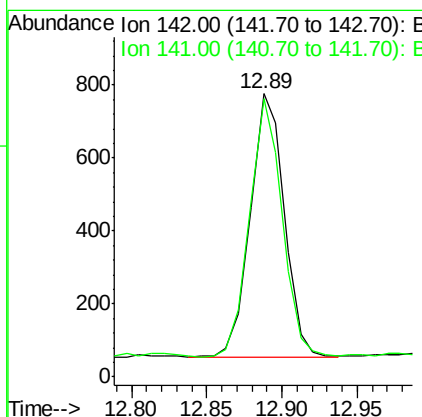
RT: 12.89 min Scan# 1539

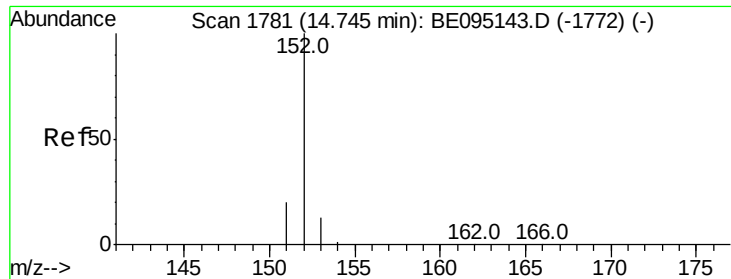
Delta R.T. -0.00 min

Lab File: BE095154.D

Acq: 27 Jan 2018 6:52

Tgt Ion:	142	Resp:	1138
Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.193 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095154.D

Acq: 27 Jan 2018 6:52

Instrument :

BNA_E

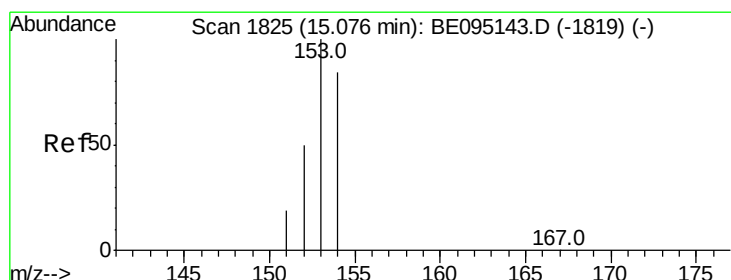
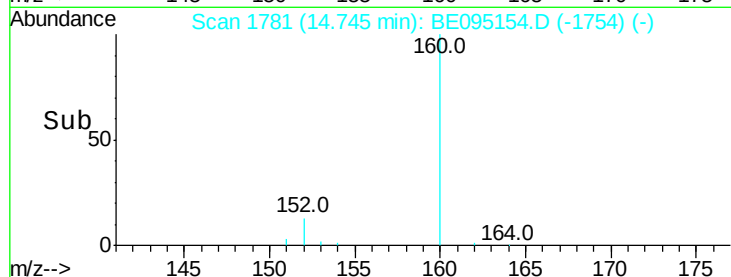
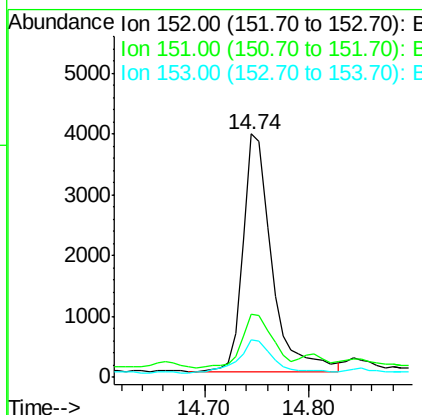
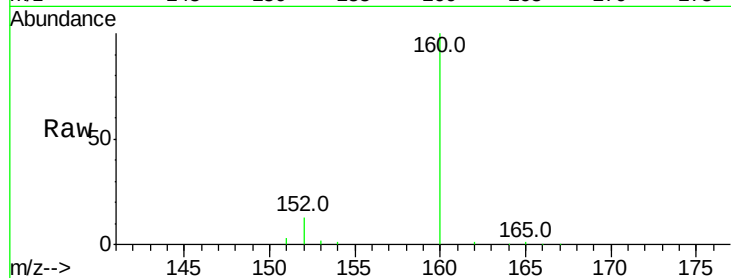
ClientSampled :

F6A46

Tot Ion:	152	Resp:	7419
Ion Ratio	Lower	Upper	
152	100		
151	26.0	17.1	25.7#
153	15.5	12.8	19.2

Manual Integrations
APPROVED

Sohil
1/29/2018 6:34:23 PM



#8

Acenaphthene

Concen: 0.034 ng/ul

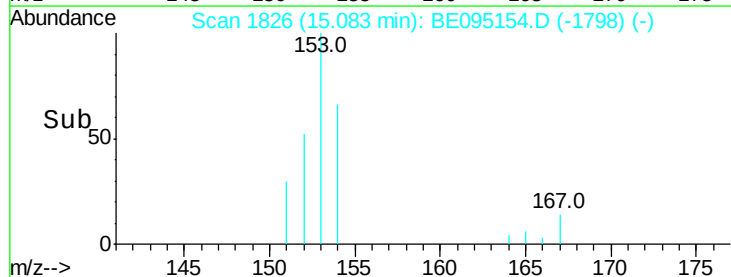
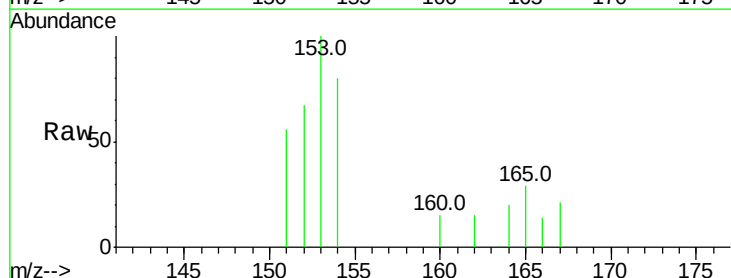
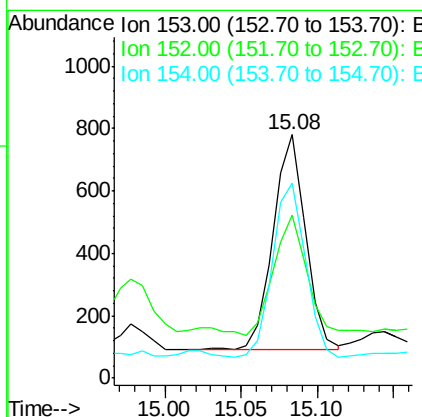
RT: 15.08 min Scan# 1826

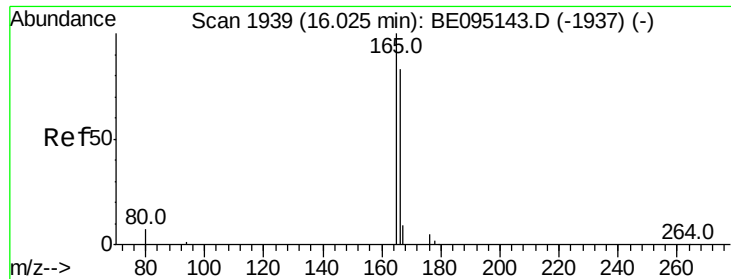
Delta R.T. 0.01 min

Lab File: BE095154.D

Acq: 27 Jan 2018 6:52

Tgt Ion:	153	Resp:	1018
Ion Ratio	Lower	Upper	
153	100		
152	67.1	36.0	54.0#
154	79.9	72.0	108.0





#9

Fluorene

Concen: 0.039 ng/ul m

RT: 16.05 min Scan# 1940

Delta R.T. 0.02 min

Lab File: BE095154.D

Acq: 27 Jan 2018 6:52

Instrument :

BNA_E

ClientSampleId :

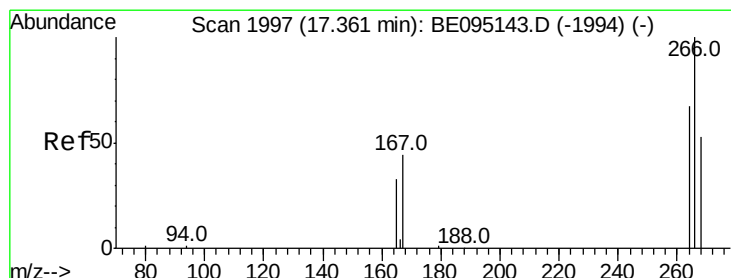
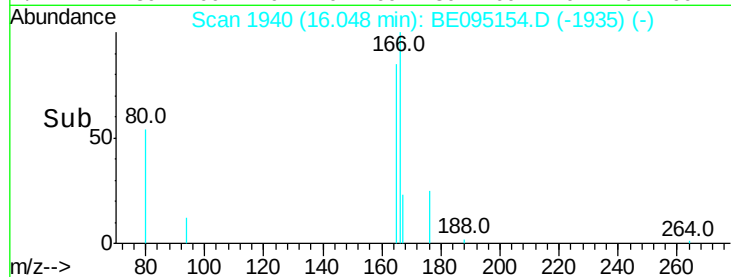
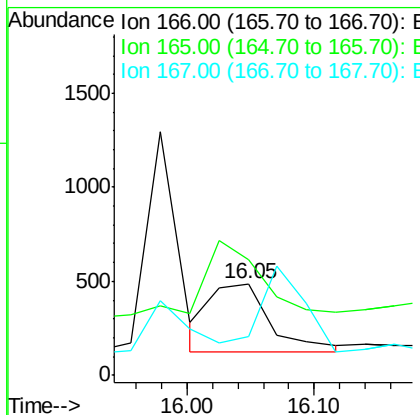
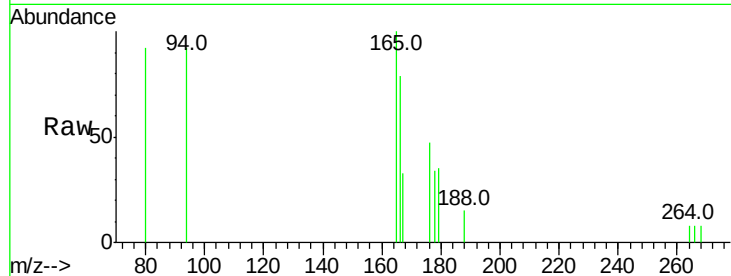
F6A46

Tot Ion	Ratio	Lower	Upper
166	100		
165	126.7	73.4	110.2#
167	41.9	14.6	22.0#

Manual Integrations
APPROVED

Sohil

1/29/2018 6:34:23 PM



#11

Pentachlorophenol

Concen: 3.104 ng/ul

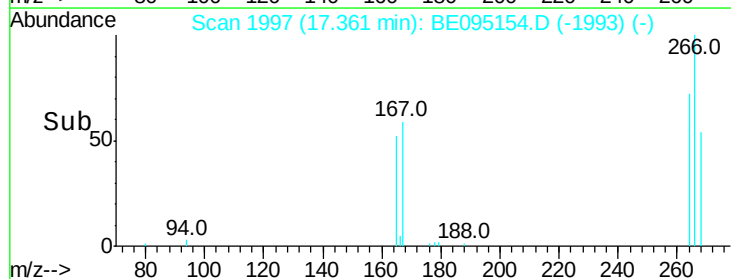
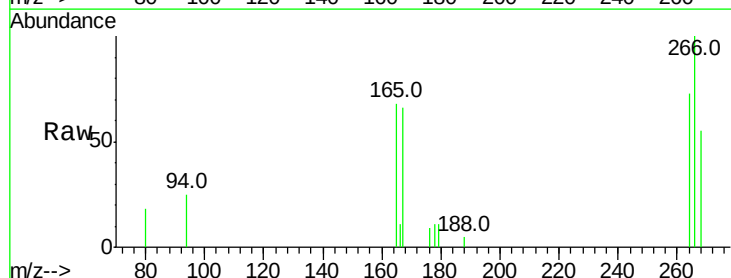
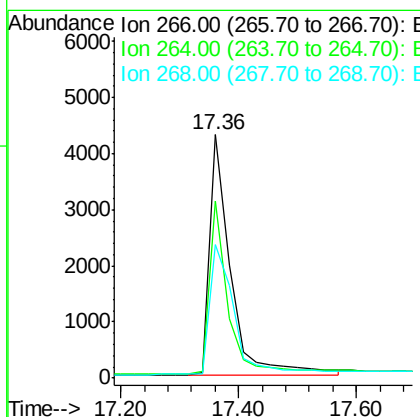
RT: 17.36 min Scan# 1997

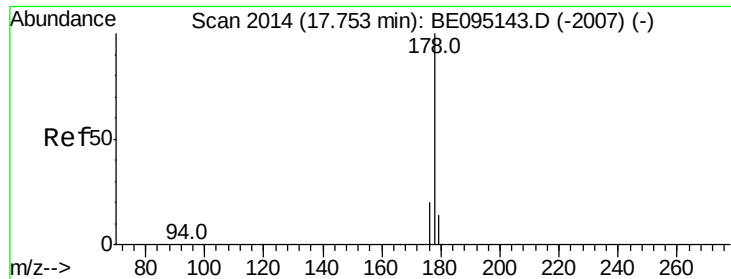
Delta R.T. -0.00 min

Lab File: BE095154.D

Acq: 27 Jan 2018 6:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.4	47.9	71.9
268	62.4	49.8	74.8





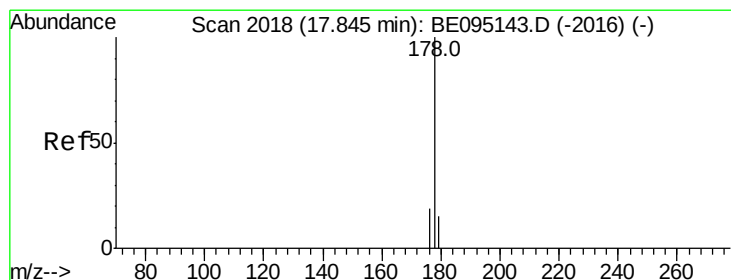
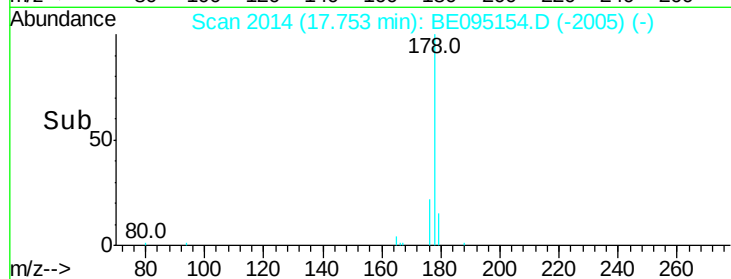
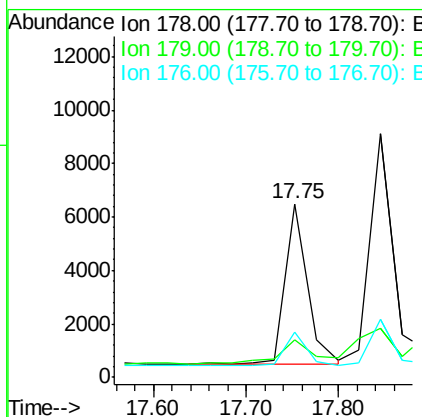
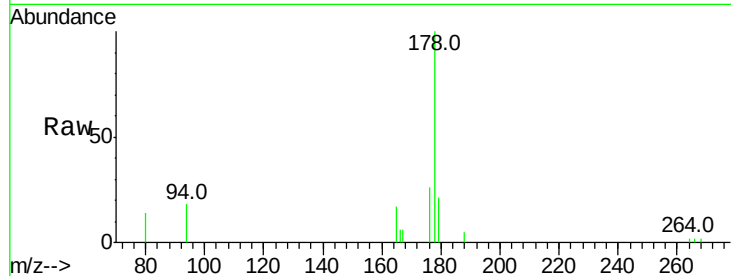
#12
Phenanthrene
Concen: 0.168 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095154.D
Acq: 27 Jan 2018 6:52

Instrument :
BNA_E
ClientSampleId :
F6A46

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.5	18.4	27.6
176	26.1	13.6	20.4

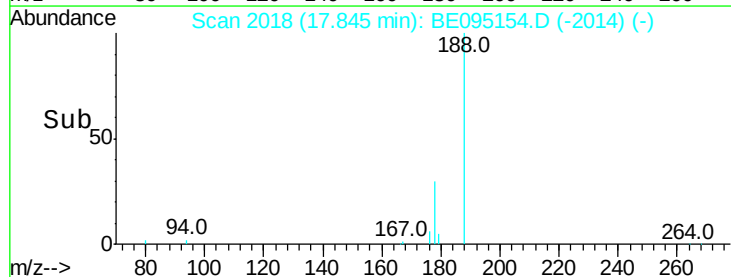
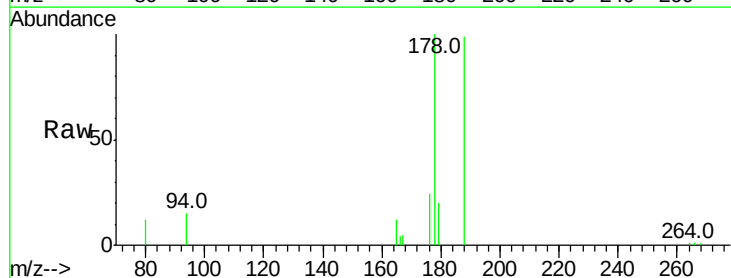
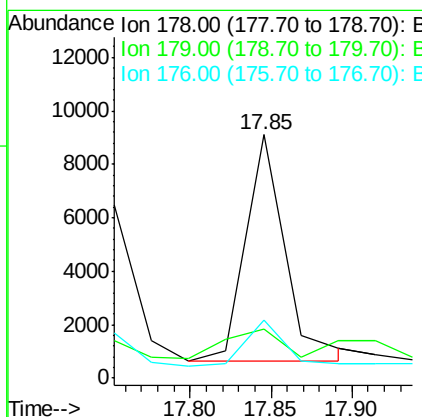
Manual Integrations
APPROVED

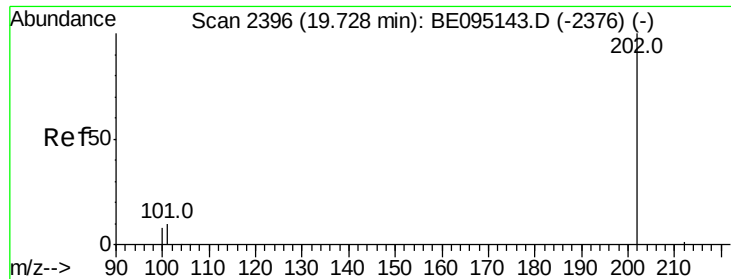
Sohil
1/29/2018 6:34:23 PM



#13
Anthracene
Concen: 0.264 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095154.D
Acq: 27 Jan 2018 6:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.1	18.1	27.1
176	24.1	14.7	22.1





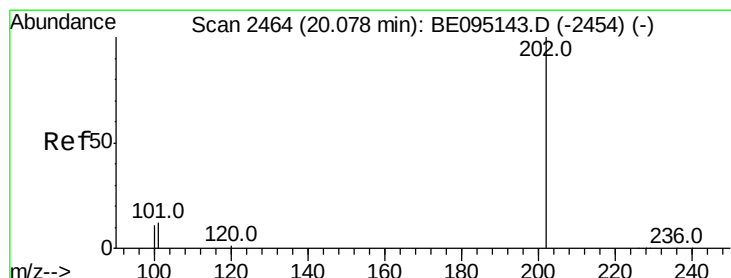
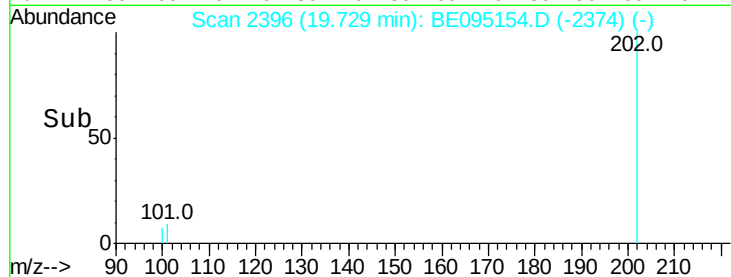
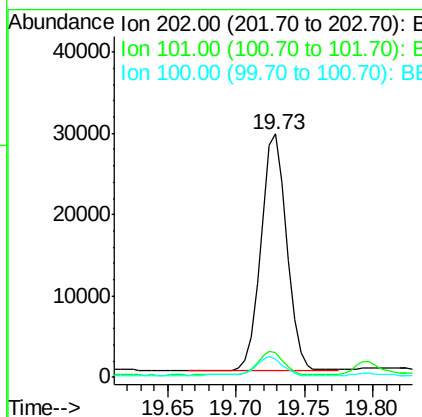
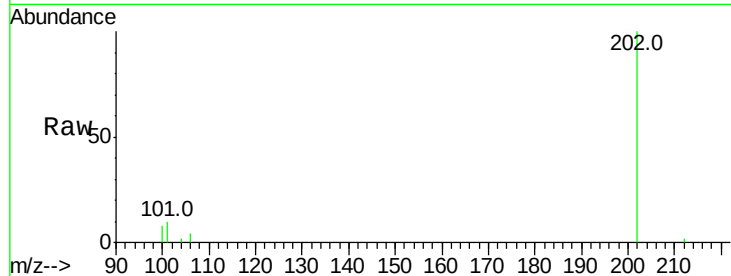
#15
Fluoranthene
 Concen: 0.503 ng/ul
 RT: 19.73 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BE095154.D
 Acq: 27 Jan 2018 6:52

Instrument :
 BNA_E
 ClientSampleId :
 F6A46

Tot Ion:	202	Resp:	38489
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.3
100	7.8	0.0	39.5

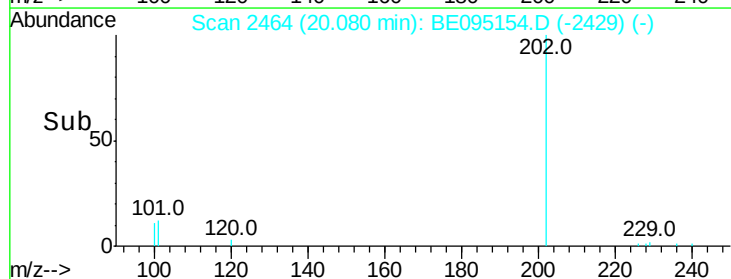
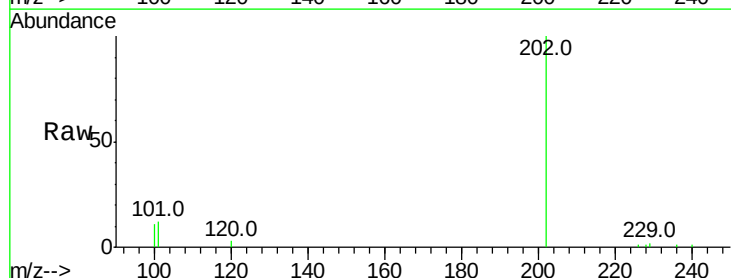
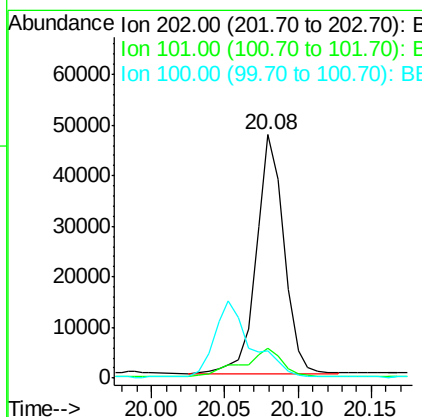
Manual Integrations
 APPROVED

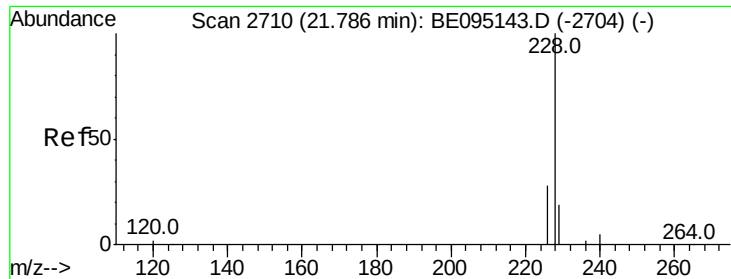
Sohil
 1/29/2018 6:34:23 PM



#17
Pyrene
 Concen: 1.086 ng/ul
 RT: 20.08 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BE095154.D
 Acq: 27 Jan 2018 6:52

Tgt Ion:	202	Resp:	61839
Ion Ratio	Lower	Upper	
202	100		
101	12.4	18.2	27.4#
100	11.0	15.6	23.4#





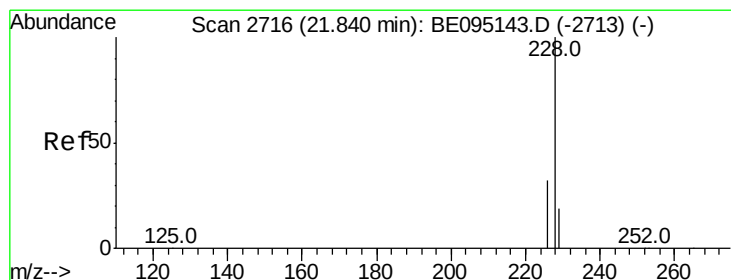
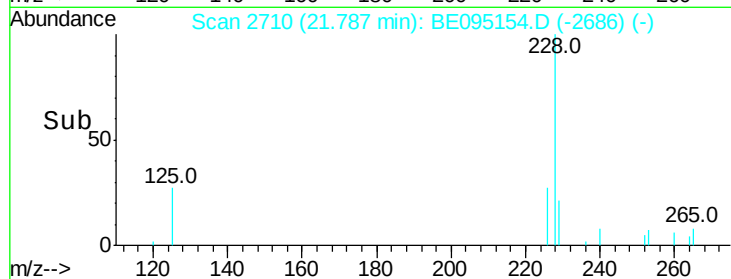
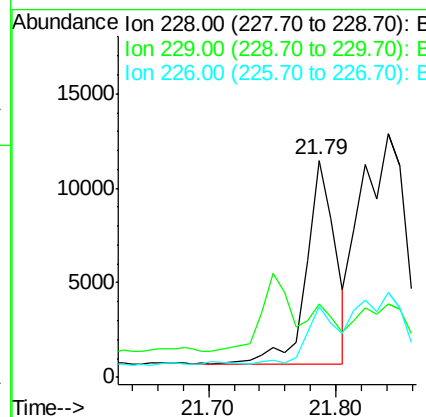
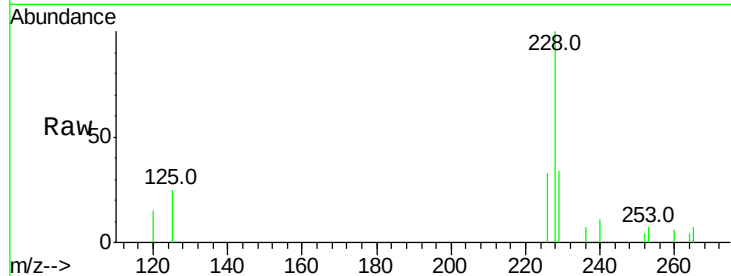
#18
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095154.D
Acq: 27 Jan 2018 6:52

Instrument :
BNA_E
ClientSampleId :
F6A46

Tot Ion	Ratio	Lower	Upper
228	100		
229	33.8	22.8	34.2
226	32.6	17.0	25.6

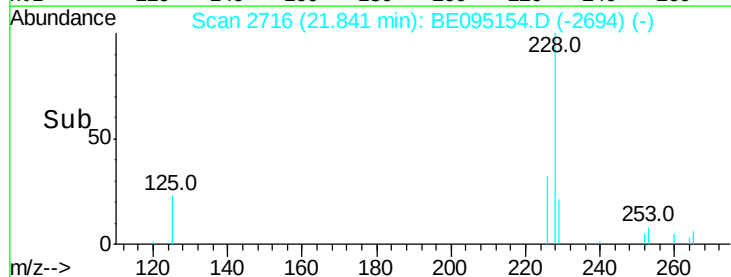
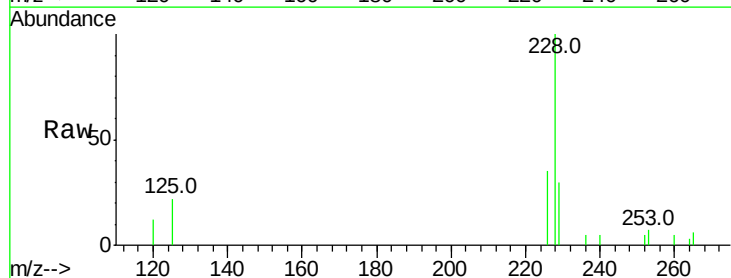
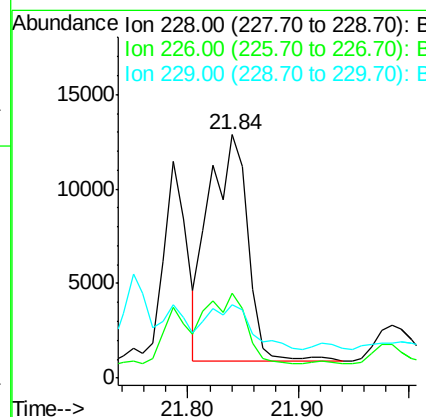
Manual Integrations
APPROVED

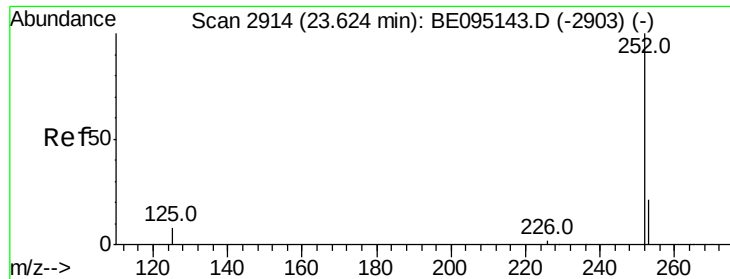
Sohil
1/29/2018 6:34:23 PM



#19
Chrysene
Concen: 0.527 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095154.D
Acq: 27 Jan 2018 6:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	23.4	35.0
229	30.3	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.963 ng/ul m

RT: 23.62 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BE095154.D

Acq: 27 Jan 2018 6:52

Instrument :

BNA_E

ClientSampleId :

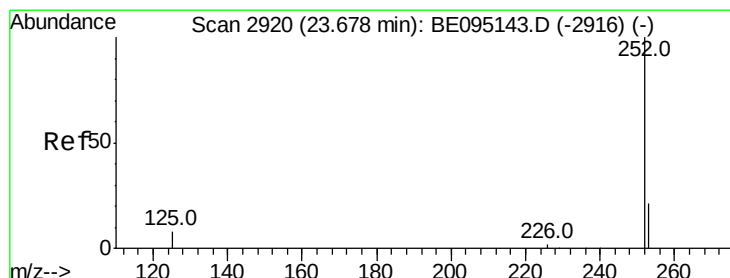
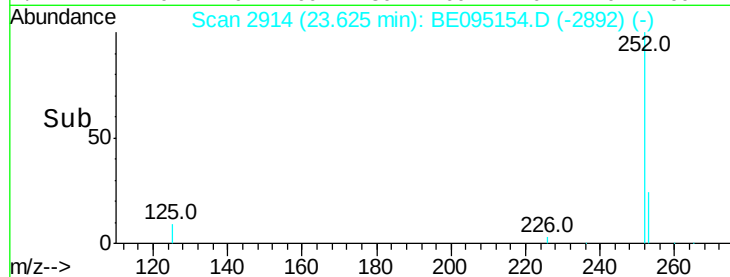
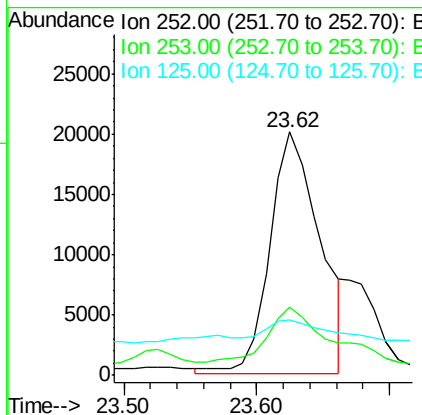
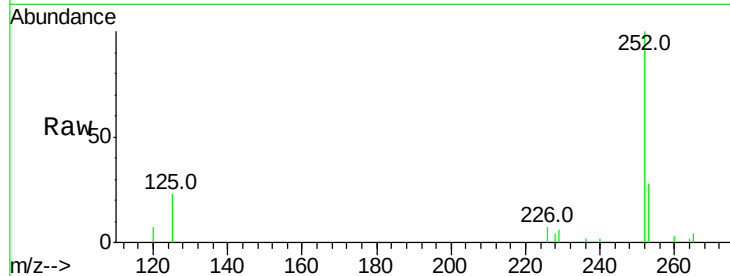
F6A46

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	28.0	0.0	64.2
125	23.0	0.0	35.0

Manual Integrations
APPROVED

Sohil

1/29/2018 6:34:23 PM



#22

Benzo(k)fluoranthene

Concen: 0.249 ng/ul m

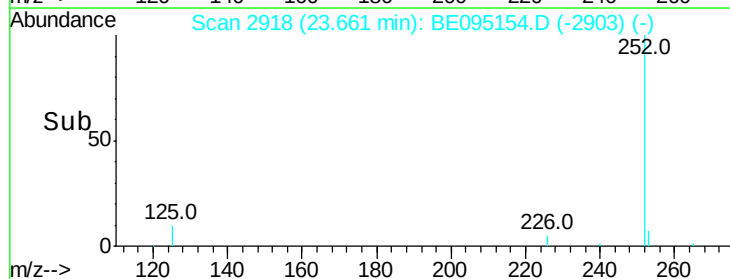
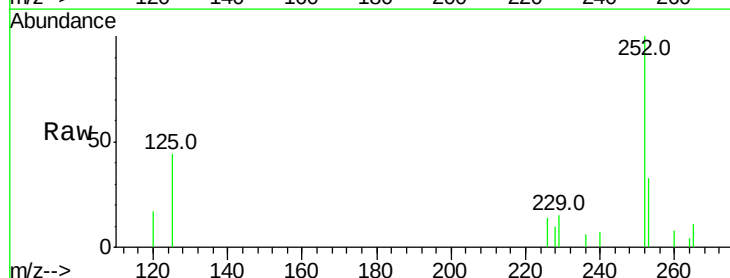
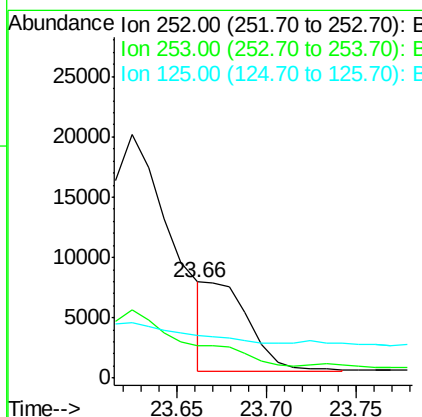
RT: 23.66 min Scan# 2918

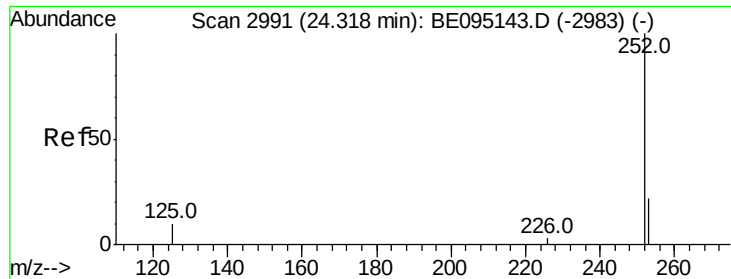
Delta R.T. -0.02 min

Lab File: BE095154.D

Acq: 27 Jan 2018 6:52

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	33.2	24.5	36.7
125	43.9	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.558 ng/ul m

RT: 24.33 min Scan# 2992

Delta R.T. 0.01 min

Lab File: BE095154.D

Acq: 27 Jan 2018 6:52

Instrument :

BNA_E

ClientSampled :

F6A46

Tot Ion:252 Resp: 27057

Ion Ratio Lower Upper

252 100

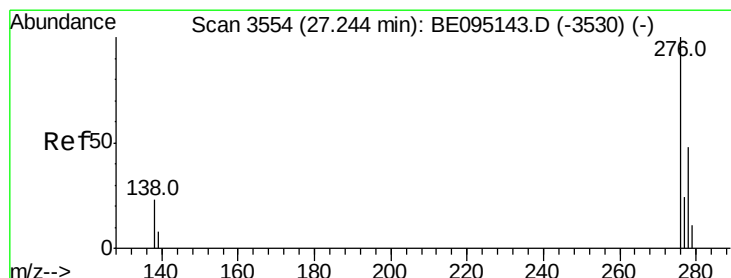
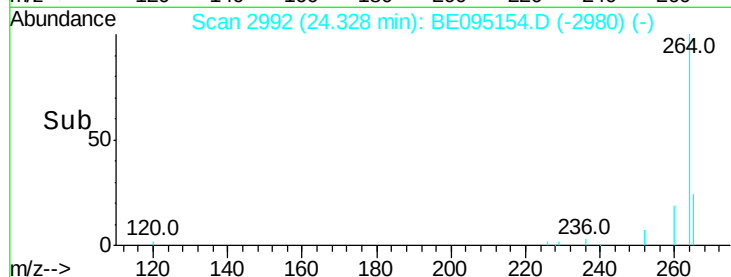
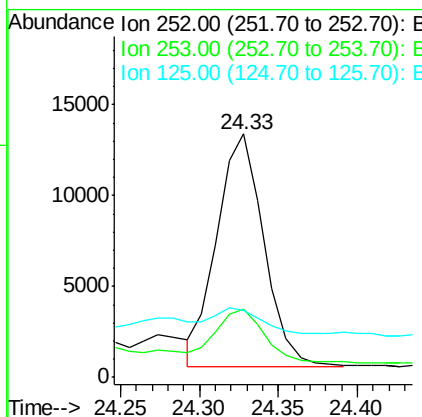
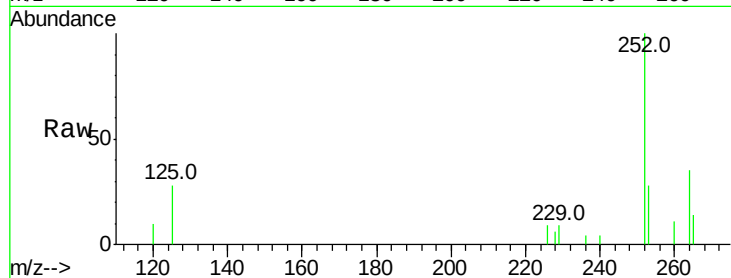
253 28.1 28.5 42.7#

125 27.7 18.1 27.1#

Manual Integrations
APPROVED

Sohil

1/29/2018 6:34:23 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.454 ng/ul m

RT: 27.25 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BE095154.D

Acq: 27 Jan 2018 6:52

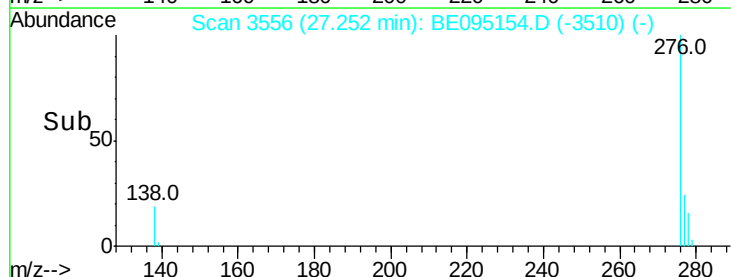
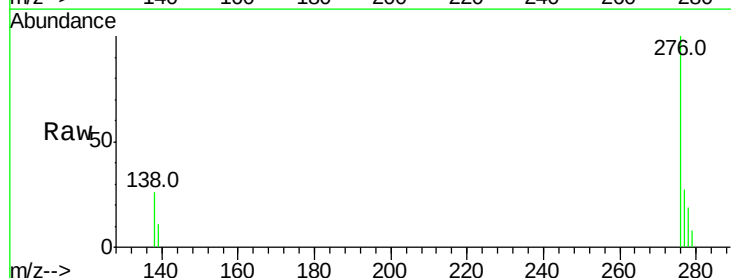
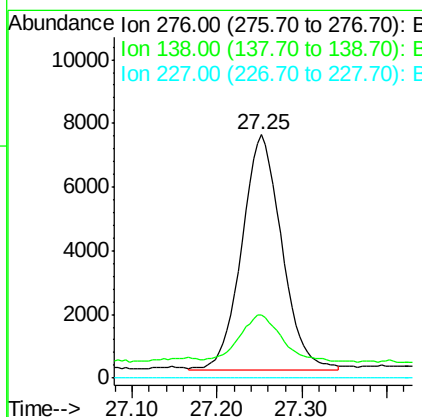
Tgt Ion:276 Resp: 24164

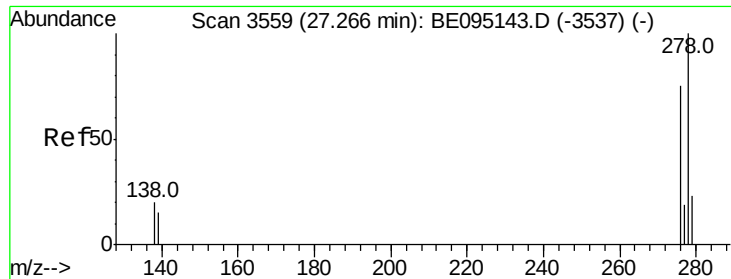
Ion Ratio Lower Upper

276 100

138 1.0 28.0 42.0#

227 0.0 8.0 12.0#





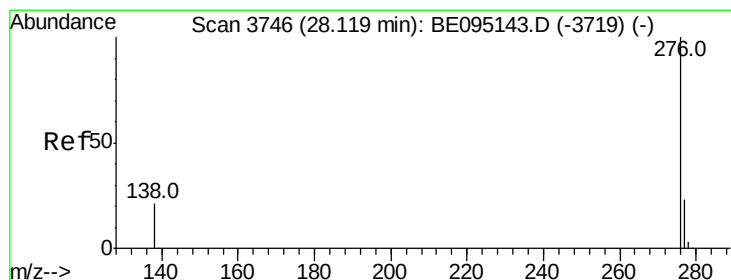
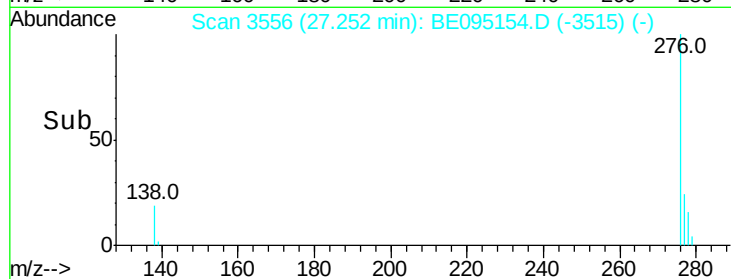
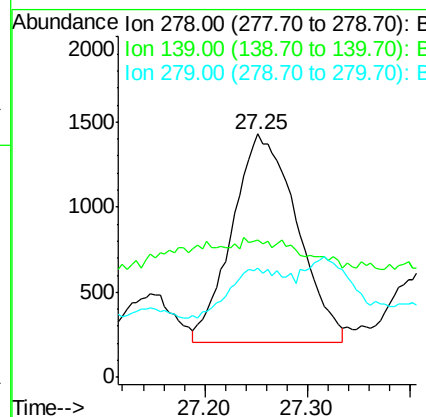
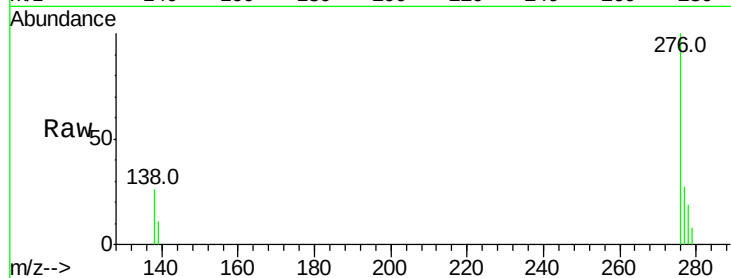
#25
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul m
RT: 27.25 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BE095154.D
Acq: 27 Jan 2018 6:52

Instrument :
BNA_E
ClientSampled :
F6A46

Tot Ion	Ratio	Lower	Upper
278	100		
139	56.3	17.4	26.0#
279	44.7	25.9	38.9#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:34:23 PM



#26
Benzo(g,h,i)perylene
Concen: 0.569 ng/ul m
RT: 28.13 min Scan# 3748
Delta R.T. 0.01 min
Lab File: BE095154.D
Acq: 27 Jan 2018 6:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.8	32.8
277	26.9	20.5	30.7

