

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE020318\
 Data File : BE095450.D
 Acq On : 3 Feb 2018 22:46
 Operator : SJ/JU
 Sample : J1296-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C27

Manual Integrations
 APPROVED

Sohil
 2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:52:07 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 04:46:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1814	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5399	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3529	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7259	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7420	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	6466m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3695	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	9304	0.33	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.74	152	1780	0.105	ng/ul	93
11) Pentachlorophenol	17.36	266	11201	7.967	ng/ul	96
12) Phenanthrene	17.75	178	6648m	0.272	ng/ul	
13) Anthracene	17.84	178	3788	0.170	ng/ul	95
15) Fluoranthene	19.72	202	37873	1.198	ng/ul	84
17) Pyrene	20.08	202	35928	1.443	ng/ul#	77
18) Benzo(a)anthracene	21.78	228	13270	0.572	ng/ul#	85
19) Chrysene	21.84	228	13330	0.553	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	18600m	0.815	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	5341m	0.256	ng/ul	
23) Benzo(a)pyrene	24.32	252	4363m	0.214	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	5324m	0.238	ng/ul	
25) Dibenzo(a,h)anthracene	27.25	278	1174m	0.064	ng/ul	
26) Benzo(g,h,i)perylene	28.11	276	4666m	0.247	ng/ul	

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

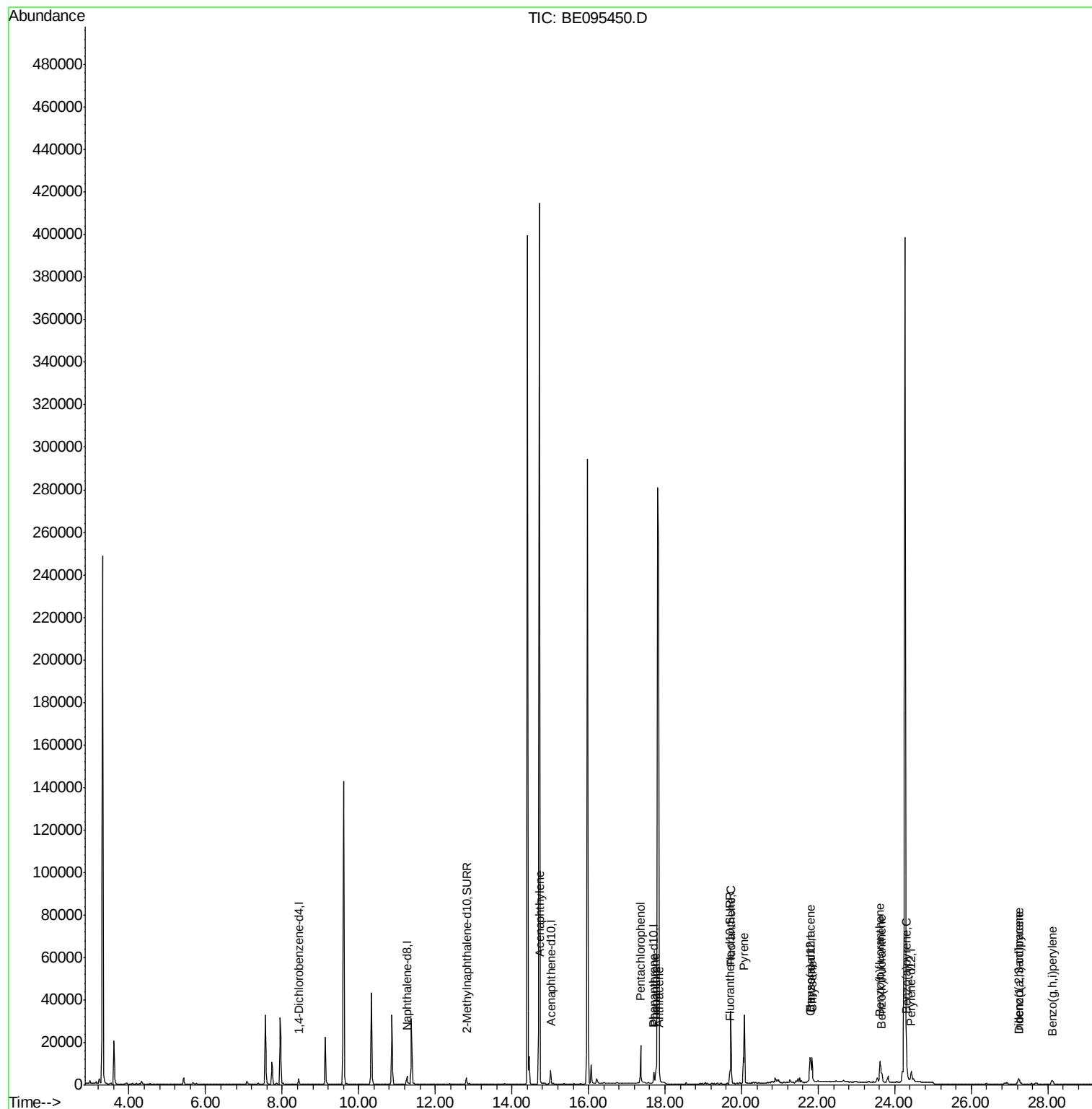
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

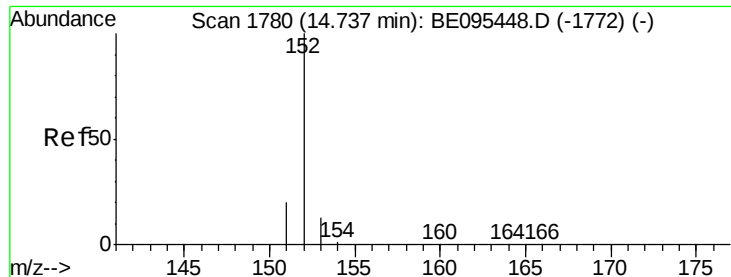
Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:52:07 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 04:46:10 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.105 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BE095450.D

Acq: 3 Feb 2018 22:46

Instrument :

BNA_E

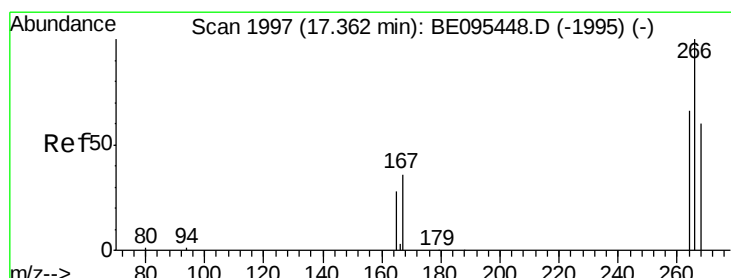
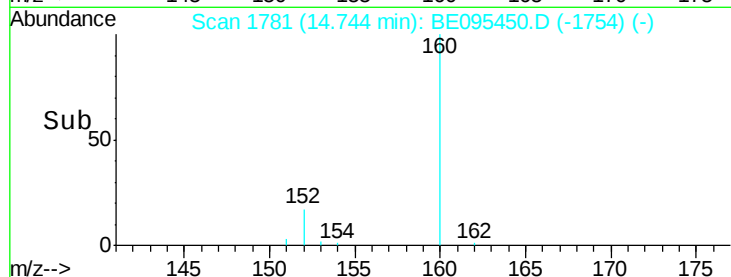
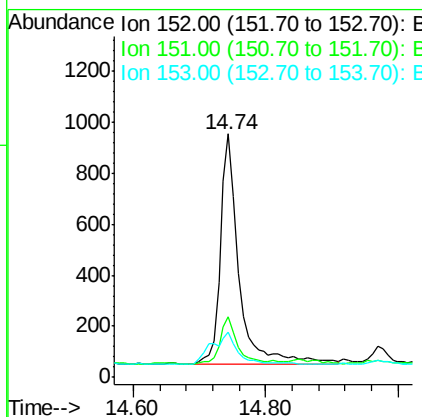
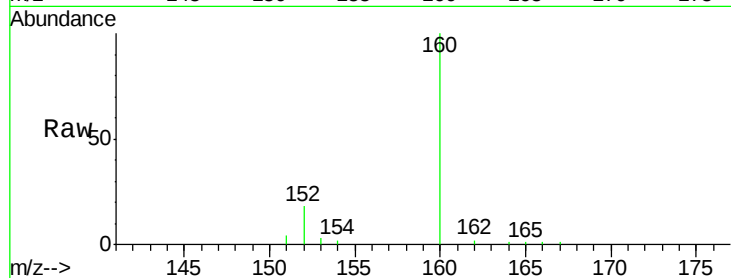
ClientSampleId :

F6C27

Tgt Ion:	152	Resp:	1780
Ion Ratio	Lower	Upper	
152	100		
151	24.6	17.1	25.7
153	18.7	12.8	19.2

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM



#11

Pentachlorophenol

Concen: 7.967 ng/ul

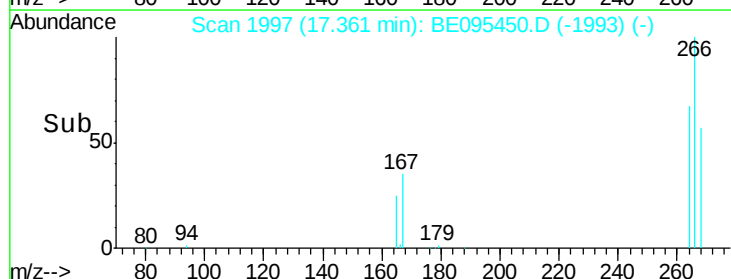
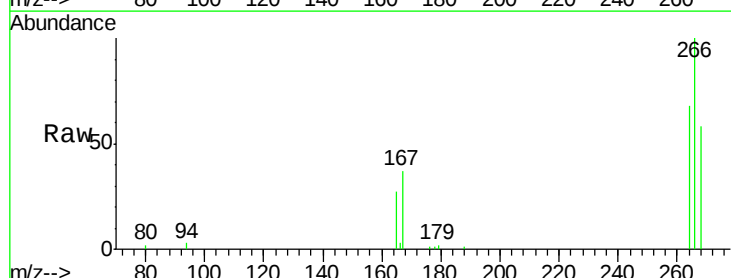
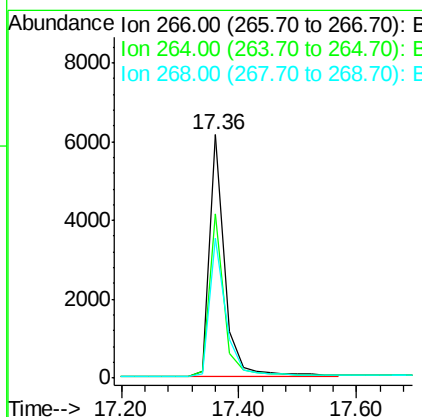
RT: 17.36 min Scan# 1997

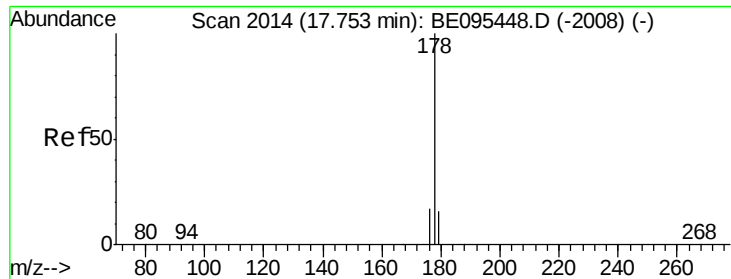
Delta R.T. -0.00 min

Lab File: BE095450.D

Acq: 3 Feb 2018 22:46

Tgt Ion:	266	Resp:	11201
Ion Ratio	Lower	Upper	
266	100		
264	64.9	47.9	71.9
268	61.3	49.8	74.8





#12

Phenanthrene

Concen: 0.272 ng/ul m

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095450.D

Acq: 3 Feb 2018 22:46

Instrument :

BNA_E

ClientSampled :

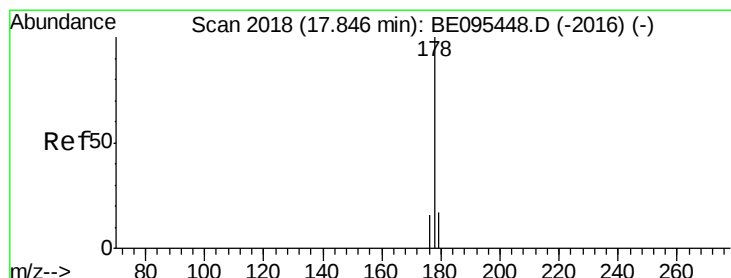
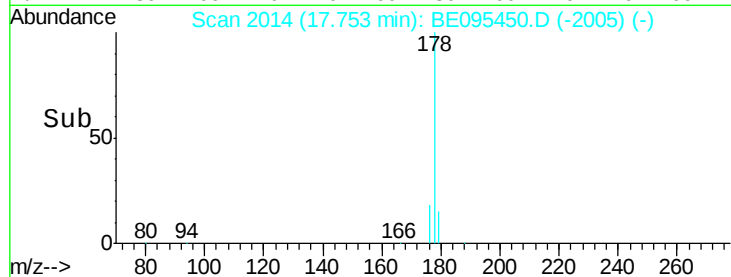
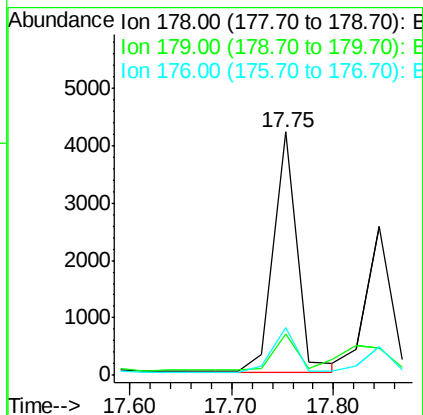
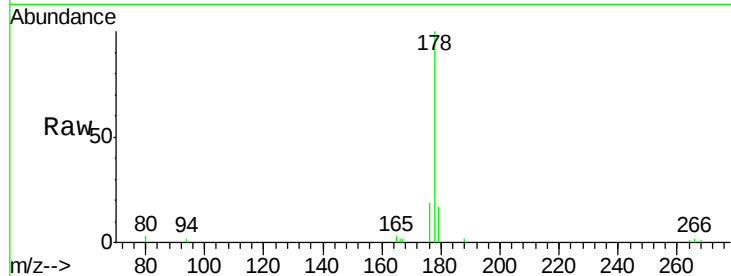
F6C27

Tgt Ion:178 Resp: 6648

Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.4	27.6#
176	19.5	13.6	20.4

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM



#13

Anthracene

Concen: 0.170 ng/ul

RT: 17.84 min Scan# 2018

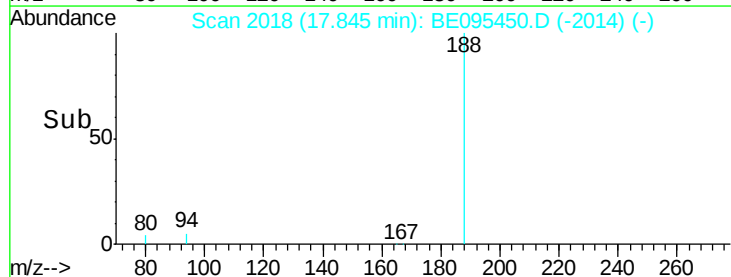
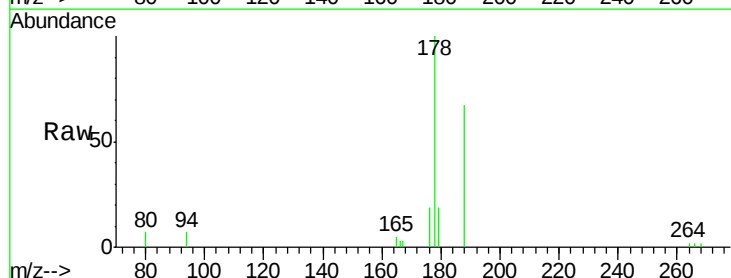
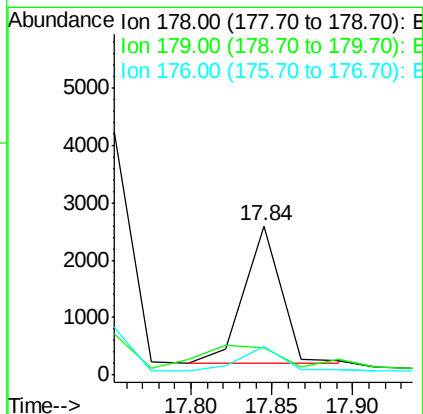
Delta R.T. -0.00 min

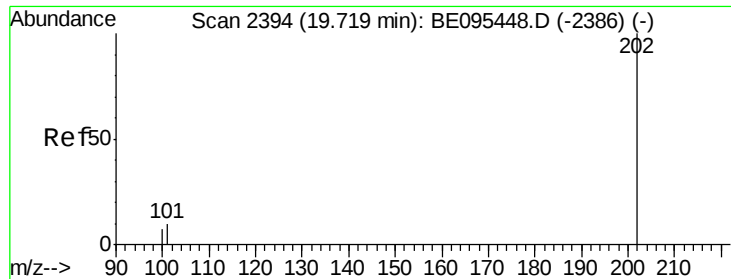
Lab File: BE095450.D

Acq: 3 Feb 2018 22:46

Tgt Ion:178 Resp: 3788

Ion	Ratio	Lower	Upper
178	100		
179	18.7	18.1	27.1
176	19.3	14.7	22.1





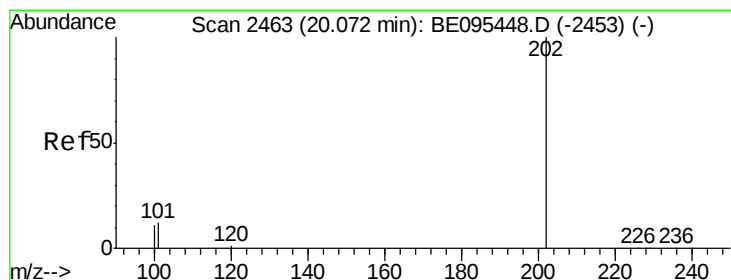
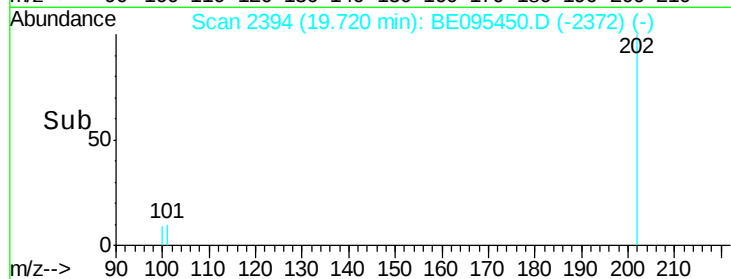
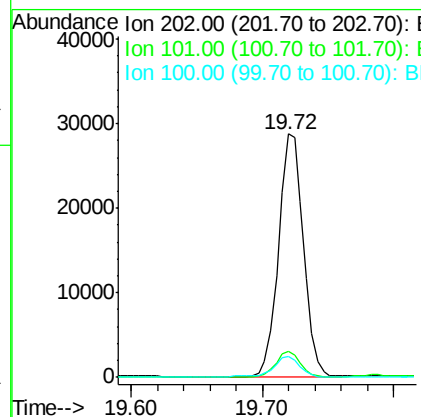
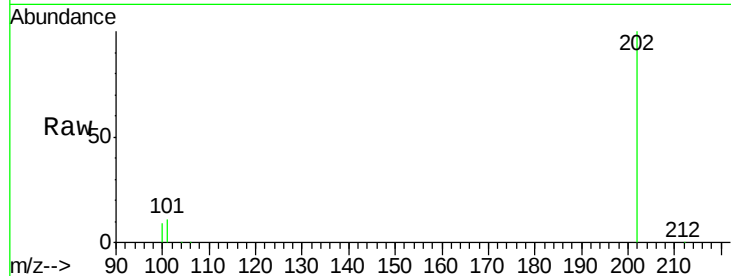
#15
Fluoranthene
 Concen: 1.198 ng/ul
 RT: 19.72 min Scan# 2394
 Delta R.T. 0.00 min
 Lab File: BE095450.D
 Acq: 3 Feb 2018 22:46

Instrument :
 BNA_E
 ClientSampleId :
 F6C27

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	0.0	30.3
100	8.8	0.0	39.5

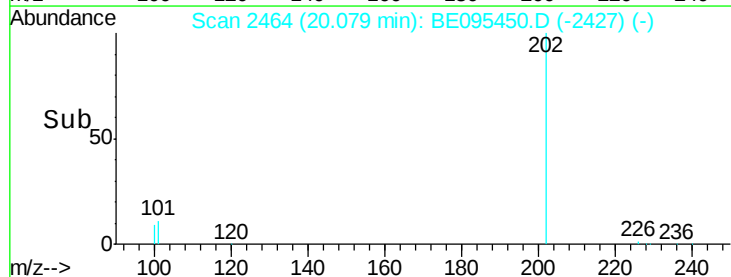
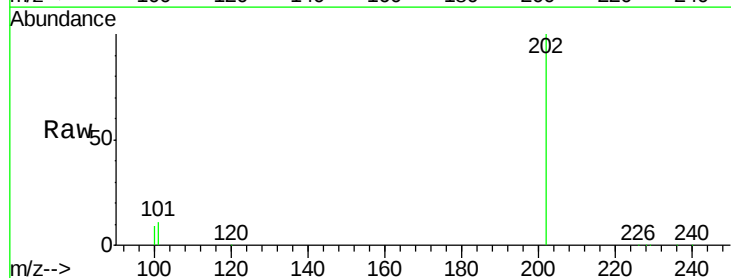
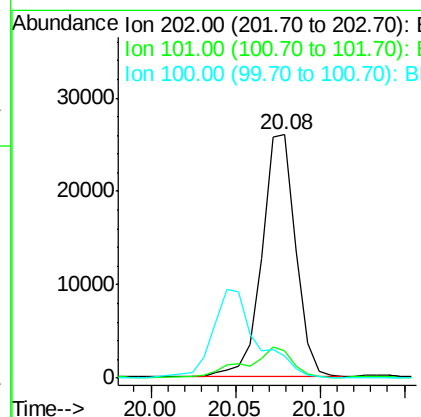
Manual Integrations
 APPROVED

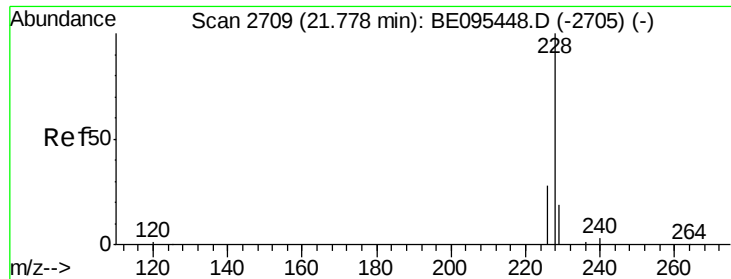
Sohil
 2/5/2018 7:02:26 PM



#17
Pyrene
 Concen: 1.443 ng/ul
 RT: 20.08 min Scan# 2464
 Delta R.T. 0.01 min
 Lab File: BE095450.D
 Acq: 3 Feb 2018 22:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.2	18.2	27.4#
100	9.2	15.6	23.4#





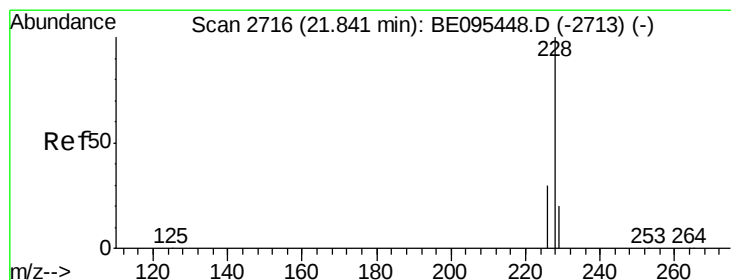
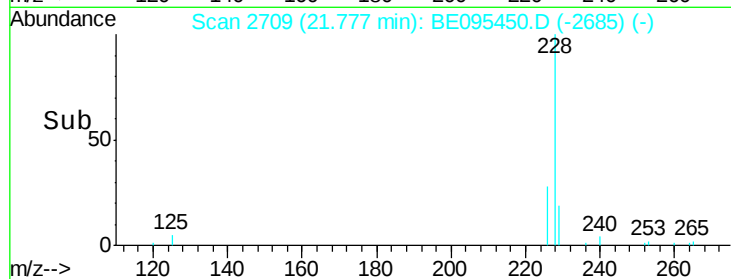
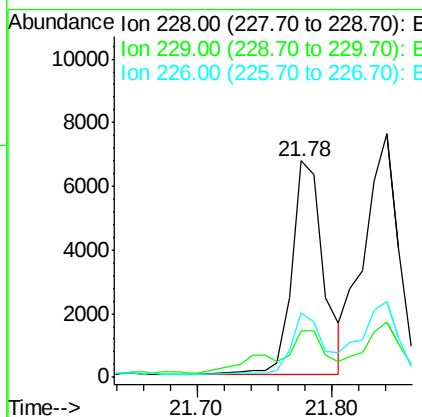
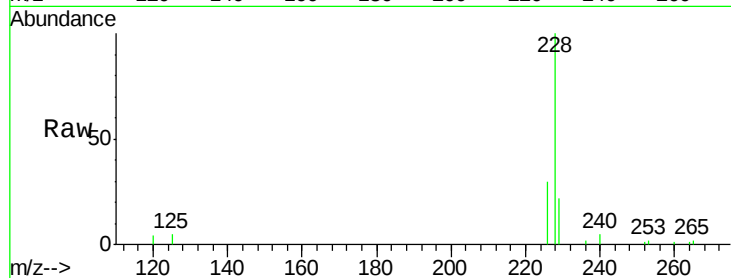
#18
Benzo(a)anthracene
Concen: 0.572 ng/ul
RT: 21.78 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE095450.D
Acq: 3 Feb 2018 22:46

Instrument :
BNA_E
ClientSampled :
F6C27

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	29.6	17.0	25.6#

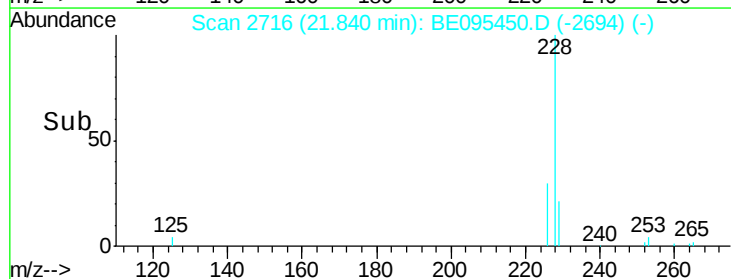
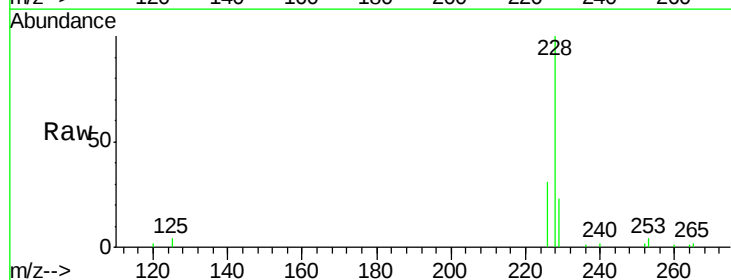
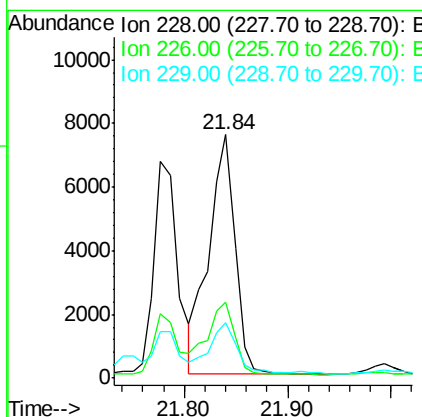
Manual Integrations
APPROVED

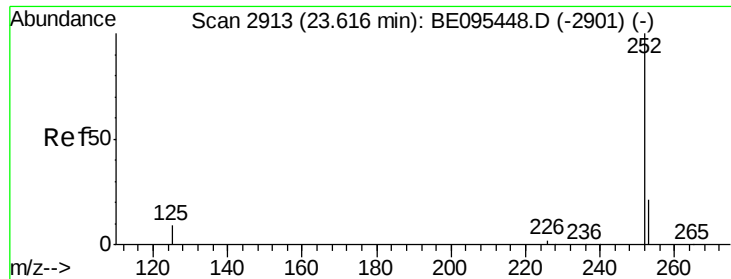
Sohil
2/5/2018 7:02:26 PM



#19
Chrysene
Concen: 0.553 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095450.D
Acq: 3 Feb 2018 22:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	22.7	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.815 ng/ul m

RT: 23.62 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BE095450.D

Acq: 3 Feb 2018 22:46

Instrument :

BNA_E

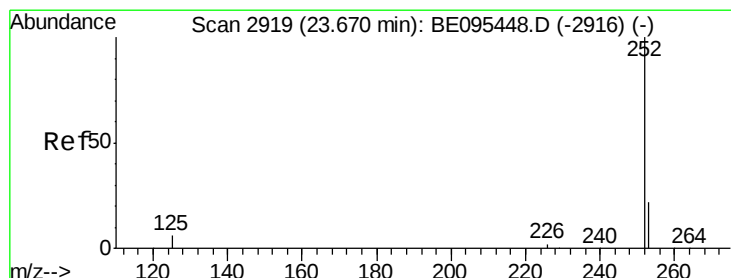
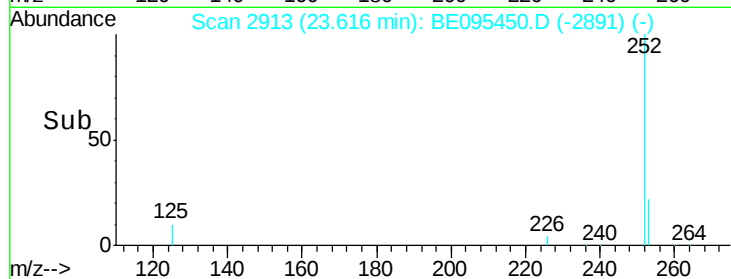
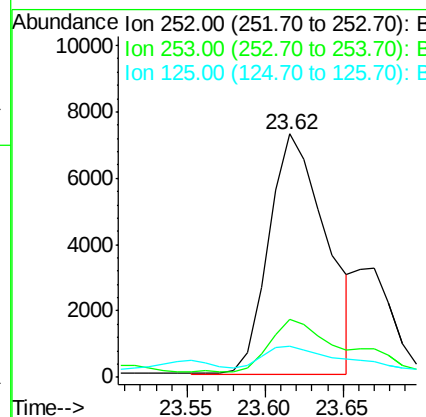
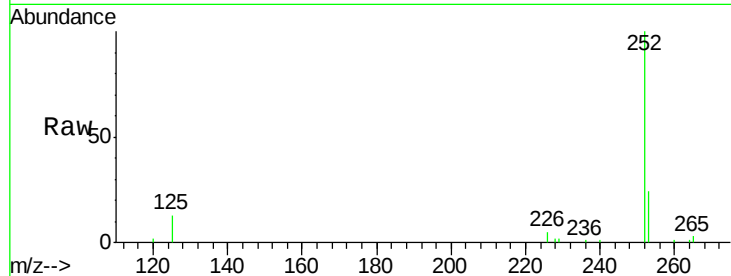
ClientSampleId :

F6C27

Tgt Ion:	252	Resp:	18600
Ion Ratio		Lower	Upper
252	100		
253	23.9	0.0	64.2
125	12.7	0.0	35.0

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM



#22

Benzo(k)fluoranthene

Concen: 0.256 ng/ul m

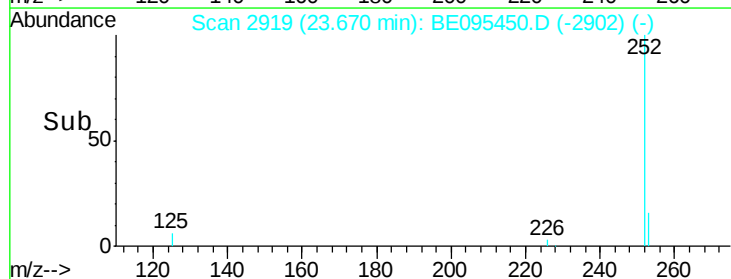
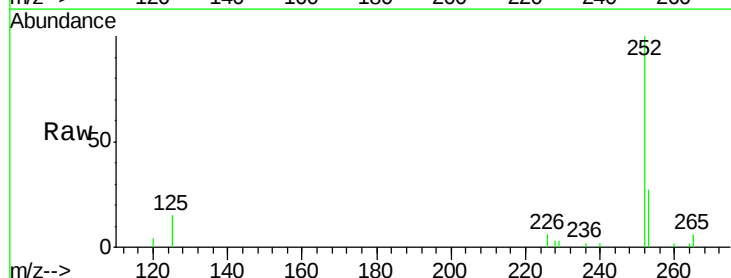
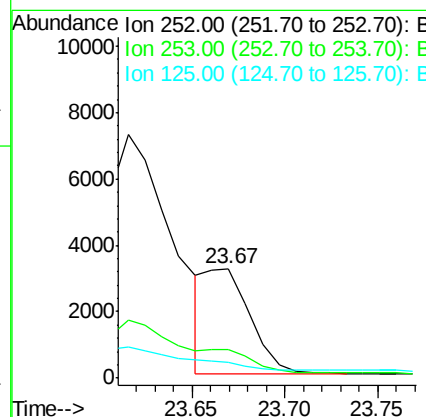
RT: 23.67 min Scan# 2919

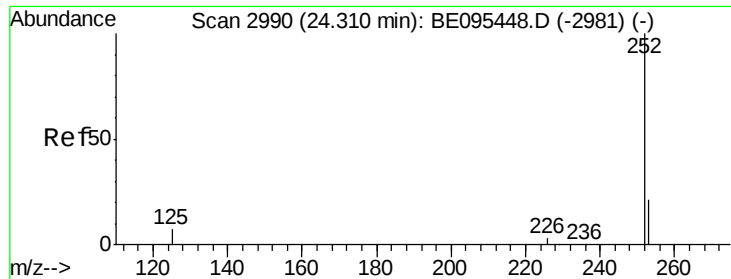
Delta R.T. -0.00 min

Lab File: BE095450.D

Acq: 3 Feb 2018 22:46

Tgt Ion:	252	Resp:	5341
Ion Ratio		Lower	Upper
252	100		
253	26.5	24.5	36.7
125	14.9	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.214 ng/ul m

RT: 24.32 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE095450.D

Acq: 3 Feb 2018 22:46

Instrument :

BNA_E

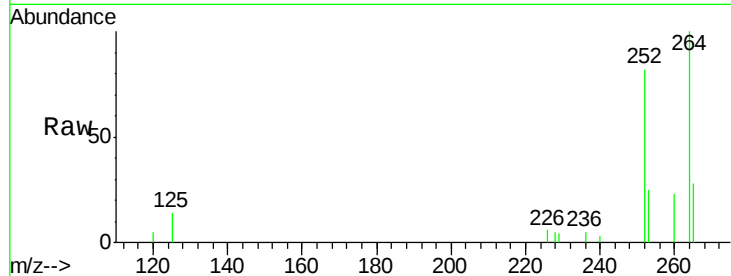
ClientSampleId :

F6C27

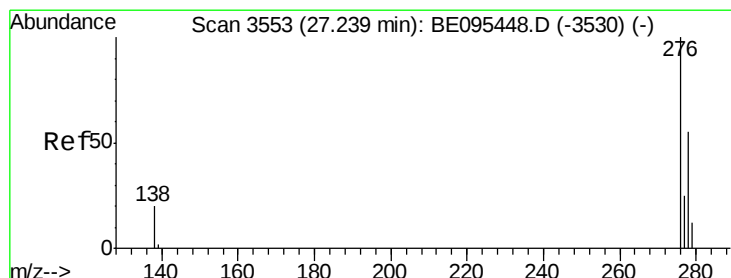
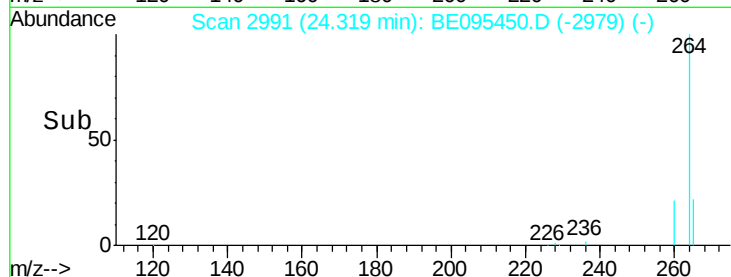
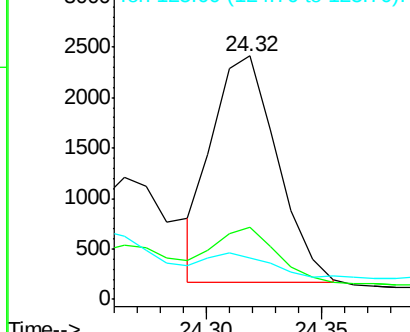
Tgt Ion:	252	Resp:	4363
Ion Ratio	Lower	Upper	
252	100		
253	29.9	28.5	42.7
125	17.1	18.1	27.1#

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 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: 0.238 ng/ul m

RT: 27.24 min Scan# 3553

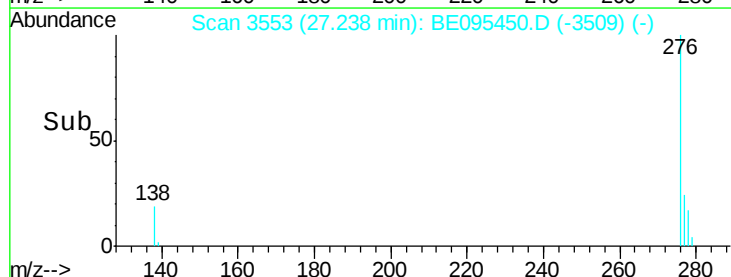
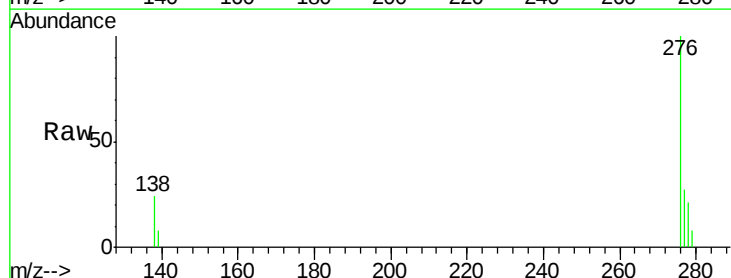
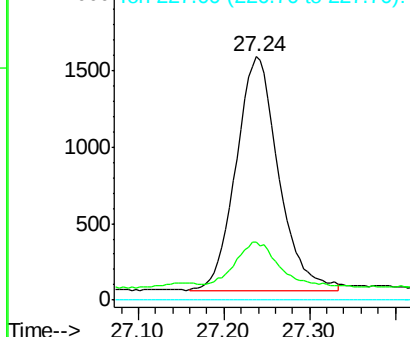
Delta R.T. -0.00 min

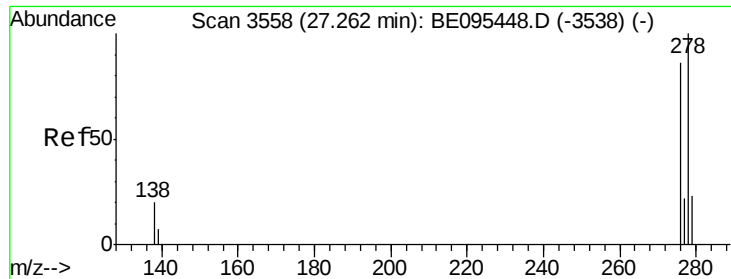
Lab File: BE095450.D

Acq: 3 Feb 2018 22:46

Tgt Ion:	276	Resp:	5324
Ion Ratio	Lower	Upper	
276	100		
138	3.3	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





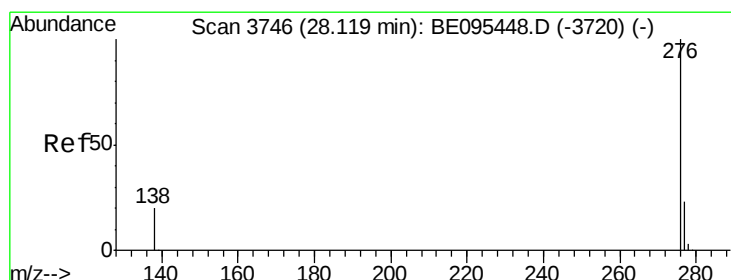
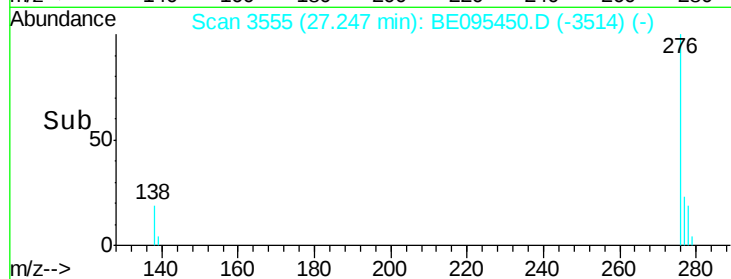
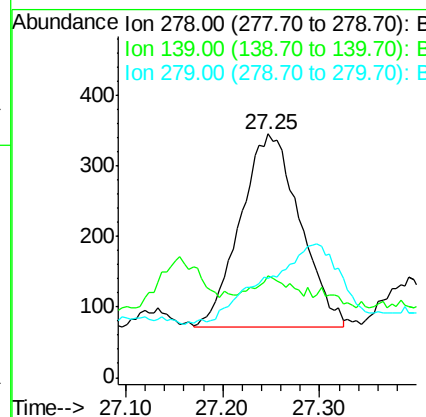
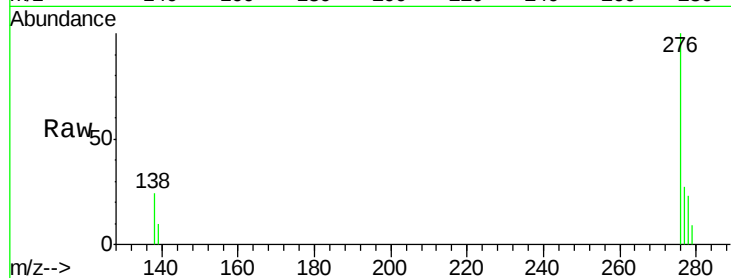
#25
Dibenzo(a,h)anthracene
Concen: 0.064 ng/ul m
RT: 27.25 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BE095450.D
Acq: 3 Feb 2018 22:46

Instrument :
BNA_E
ClientSampleId :
F6C27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.0	17.4	26.0#
279	40.6	25.9	38.9#

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM



#26
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul m
RT: 28.11 min Scan# 3745
Delta R.T. -0.01 min
Lab File: BE095450.D
Acq: 3 Feb 2018 22:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.8	32.8
277	26.8	20.5	30.7

