

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
 Data File : BE096862.D
 Acq On : 6 Jul 2018 20:34
 Operator : SJ/JU
 Sample : J3721-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H17

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:08 PM

Quant Time: Jul 09 07:15:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4084	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	21561	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	13768	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	33718m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	32137m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	28826m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	9860	0.28	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	27201m	0.32	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.19	128	1157	0.022	ng/ul#	88
7) Acenaphthylene	13.74	152	4403	0.078	ng/ul	100
12) Phenanthrene	16.82	178	7858m	0.090	ng/ul	
13) Anthracene	16.91	178	5737m	0.078	ng/ul	
15) Fluoranthene	18.85	202	41484m	0.448	ng/ul	
17) Pyrene	19.21	202	75096	0.712	ng/ul#	82
18) Benzo(a)anthracene	20.96	228	43901m	0.579	ng/ul	
19) Chrysene	21.02	228	57015	0.581	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	96087m	1.221	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	28825m	0.336	ng/ul	
23) Benzo(a)pyrene	23.12	252	58105m	0.873	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	31231	0.452	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.52	278	7343	0.134	ng/ul	93
26) Benzo(g,h,i)perylene	26.20	276	27001	0.403	ng/ul#	92

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

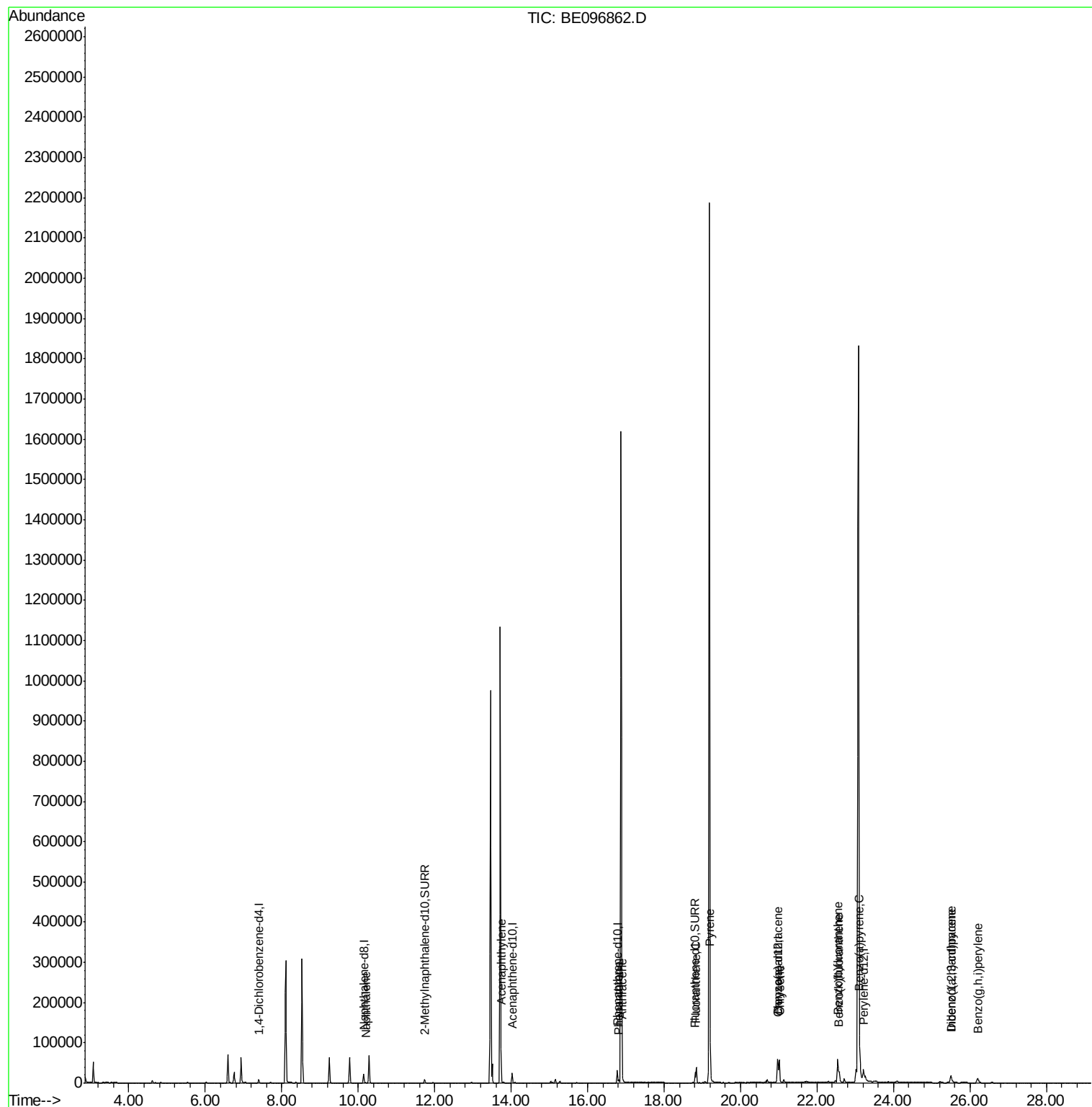
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
Data File : BE096862.D
Acq On : 6 Jul 2018 20:34
Operator : SJ/JU
Sample : J3721-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

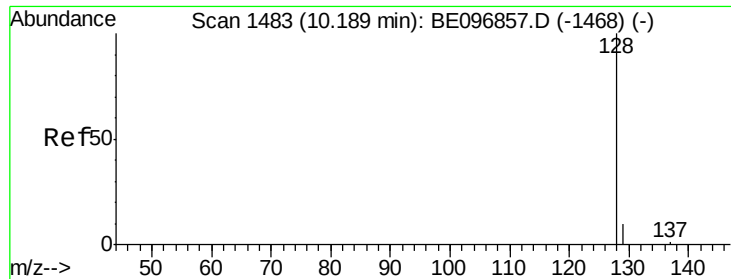
Instrument :
BNA_E
ClientSampleId :
F1H17

Manual Integrations
APPROVED

Sohil
7/9/2018 4:14:08 PM

Quant Time: Jul 09 07:15:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 06 16:55:25 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096862.D

Acq: 6 Jul 2018 20:34

Instrument :

BNA_E

ClientSampleId :

F1H17

Tgt Ion:128 Resp: 1157

Ion Ratio Lower Upper

128 100

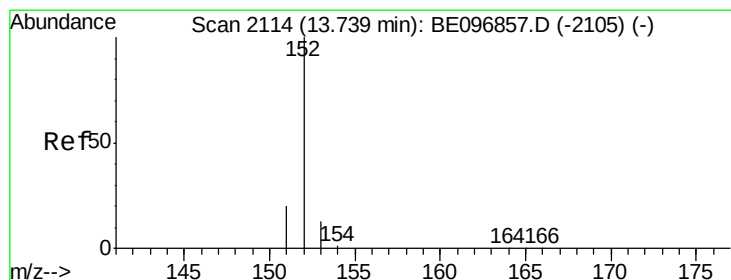
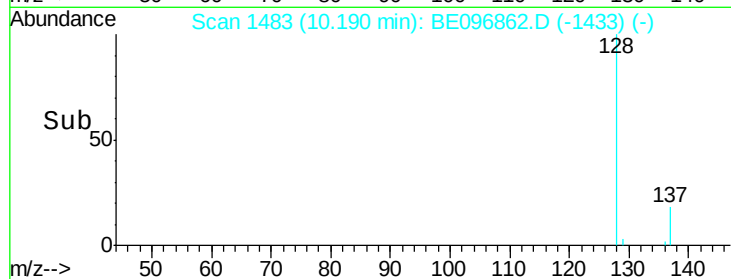
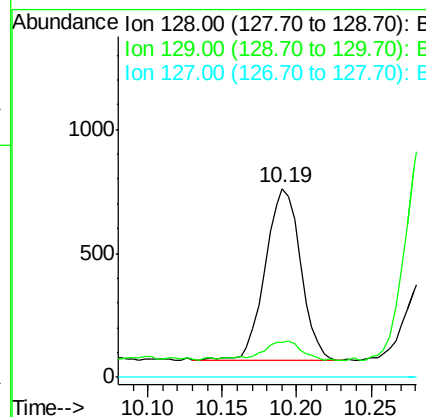
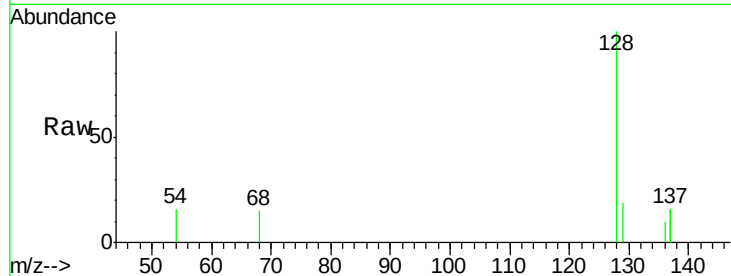
129 18.5 11.3 16.9#

127 0.0 4.0 6.0#

Manual Integrations
APPROVED

Sohil

7/9/2018 4:14:08 PM



#7

Acenaphthylene

Concen: 0.078 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE096862.D

Acq: 6 Jul 2018 20:34

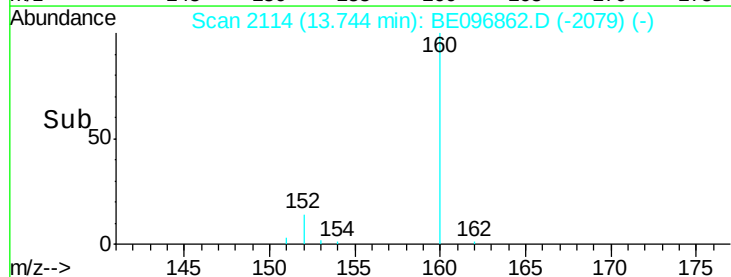
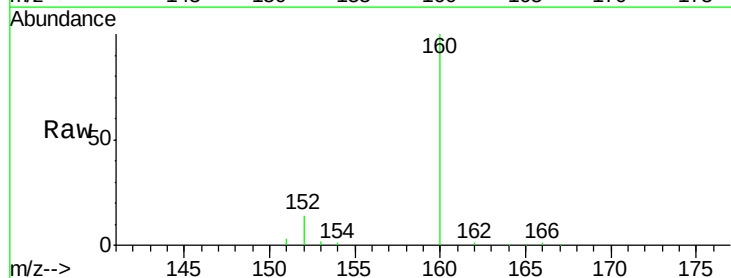
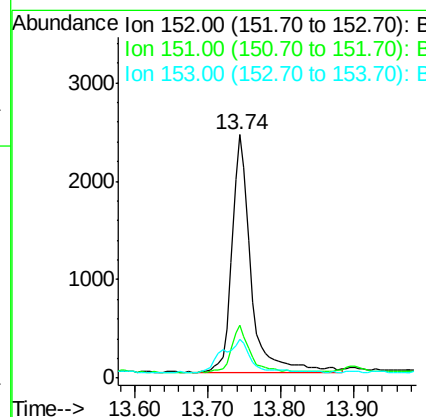
Tgt Ion:152 Resp: 4403

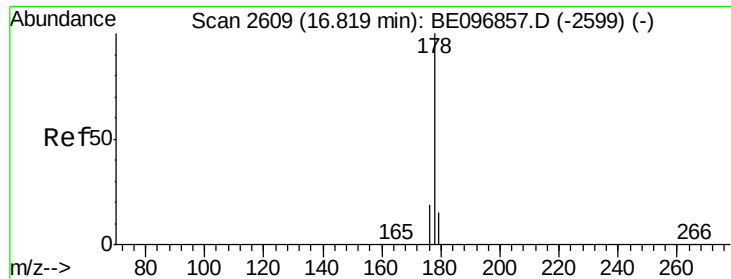
Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

153 15.7 12.8 19.2





#12

Phenanthrene

Concen: 0.090 ng/ul m

RT: 16.82 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BE096862.D

Acq: 6 Jul 2018 20:34

Instrument :

BNA_E

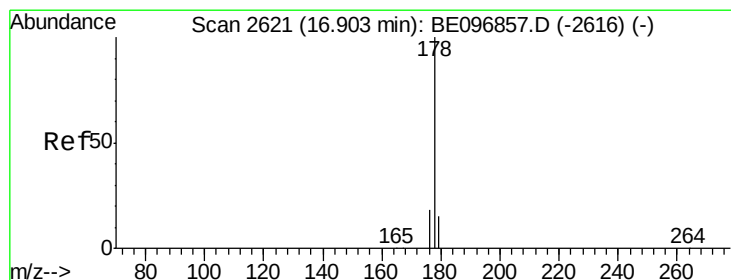
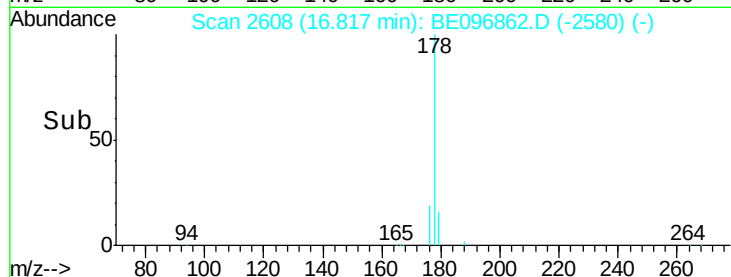
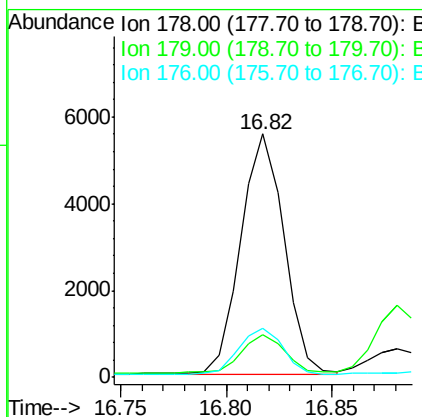
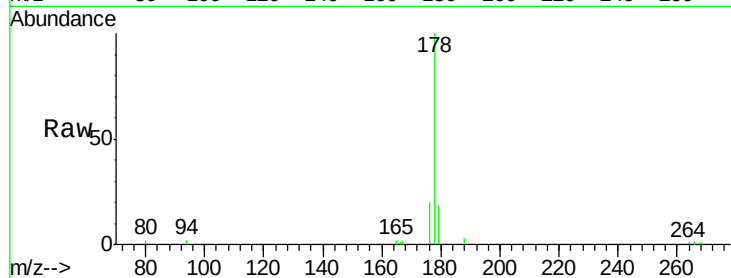
ClientSampleId :

F1H17

Tgt Ion:	178	Resp:	7858
Ion Ratio	Lower	Upper	
178	100		
179	17.8	18.4	27.6#
176	20.2	13.6	20.4

Manual Integrations
APPROVED

Sohil
7/9/2018 4:14:08 PM



#13

Anthracene

Concen: 0.078 ng/ul m

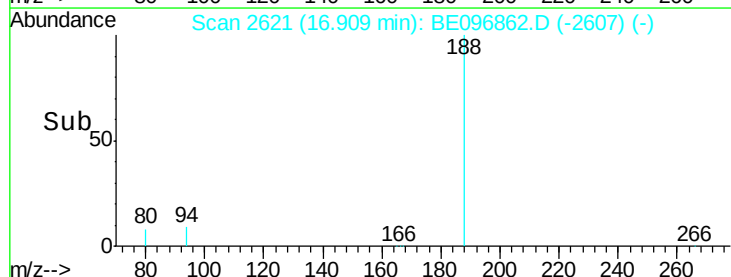
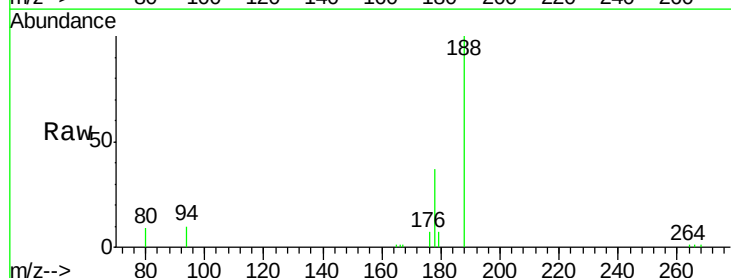
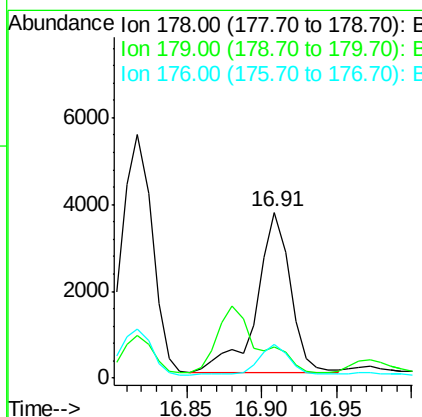
RT: 16.91 min Scan# 2621

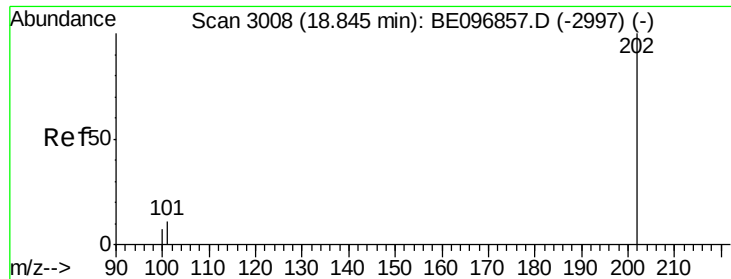
Delta R.T. -0.00 min

Lab File: BE096862.D

Acq: 6 Jul 2018 20:34

Tgt Ion:	178	Resp:	5737
Ion Ratio	Lower	Upper	
178	100		
179	19.1	18.1	27.1
176	19.9	14.7	22.1





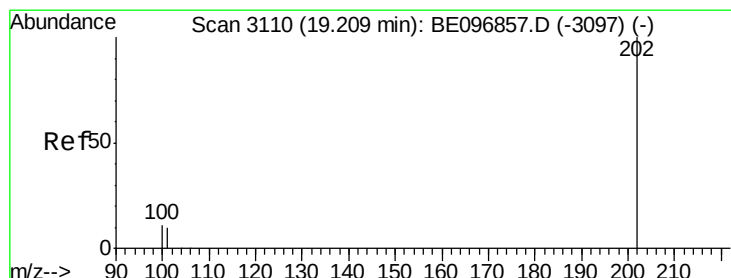
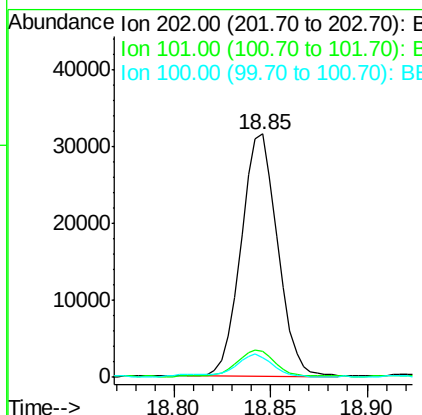
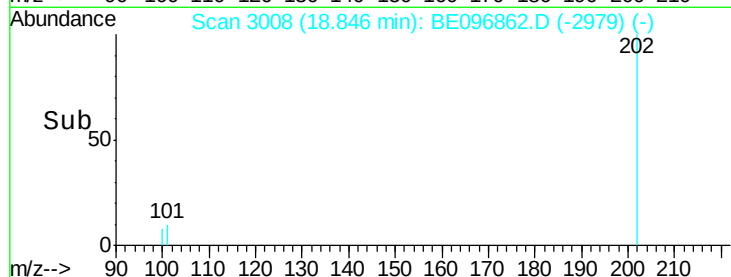
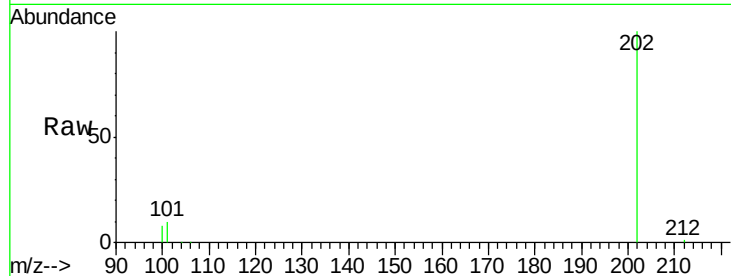
#15
Fluoranthene
 Concen: 0.448 ng/ul m
 RT: 18.85 min Scan# 3008
 Delta R.T. 0.00 min
 Lab File: BE096862.D
 Acq: 6 Jul 2018 20:34

Instrument :
 BNA_E
 ClientSampleId :
 F1H17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	41484		
101	10.5	0.0	30.3	
100	8.1	0.0	39.5	

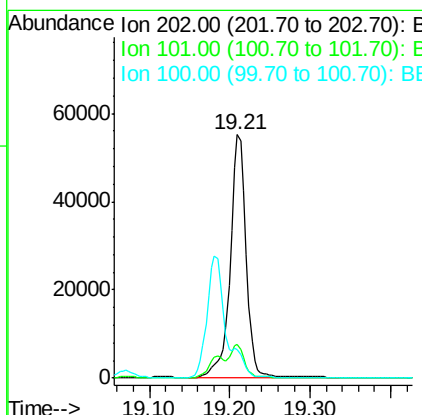
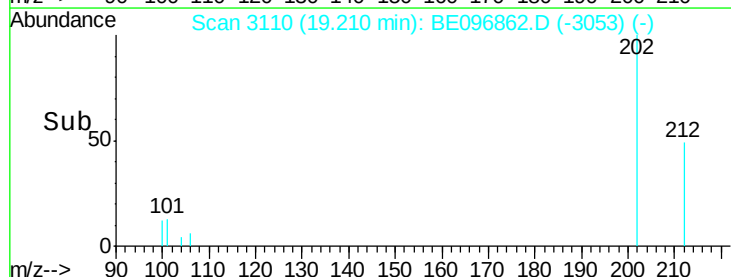
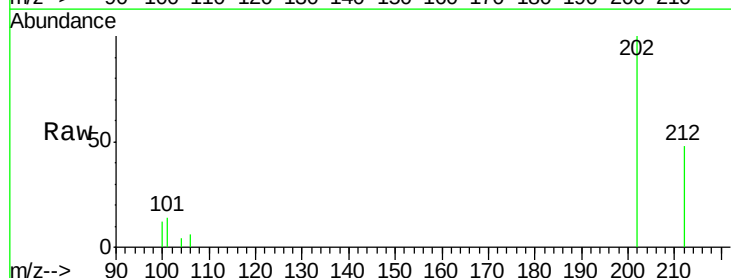
Manual Integrations
 APPROVED

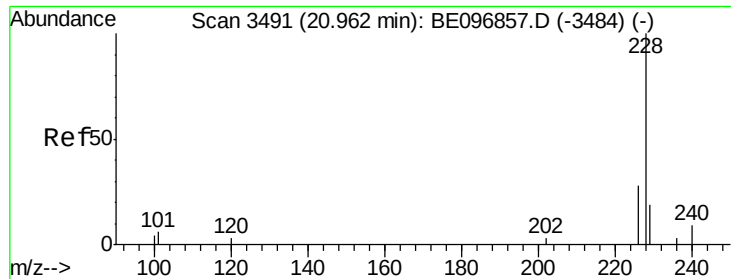
Sohil
 7/9/2018 4:14:08 PM



#17
Pyrene
 Concen: 0.712 ng/ul
 RT: 19.21 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BE096862.D
 Acq: 6 Jul 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	75096		
101	13.6	18.2	27.4#	
100	11.8	15.6	23.4#	





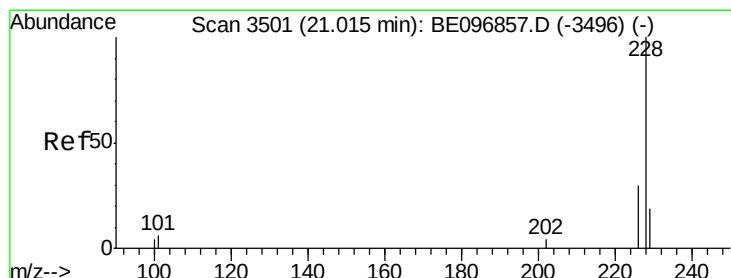
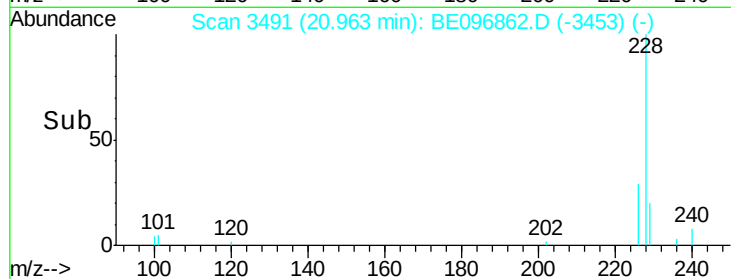
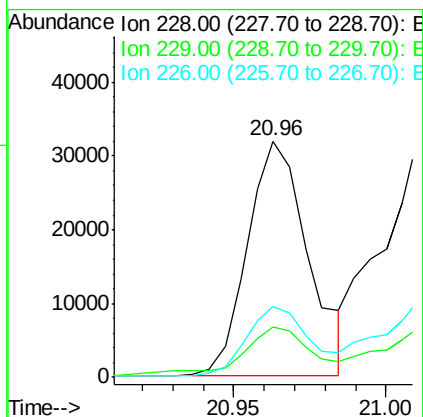
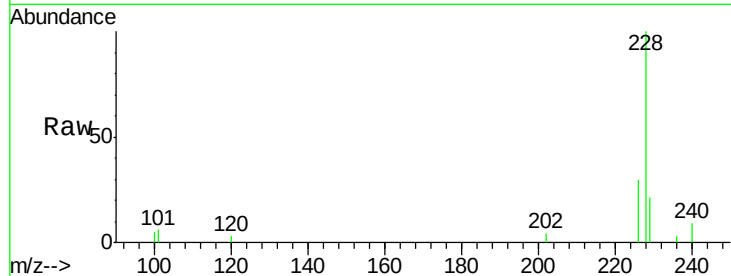
#18
Benzo(a)anthracene
Concen: 0.579 ng/ul m
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE096862.D
Acq: 6 Jul 2018 20:34

Instrument :
BNA_E
ClientSampleId :
F1H17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	29.9	17.0	25.6#

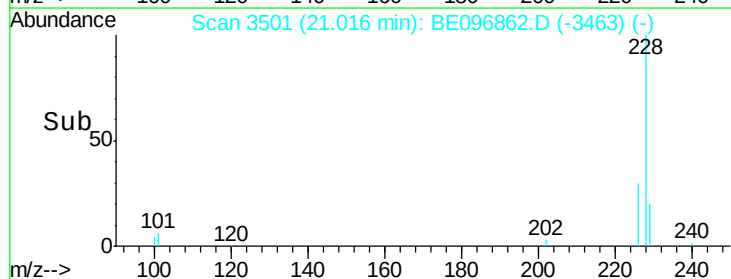
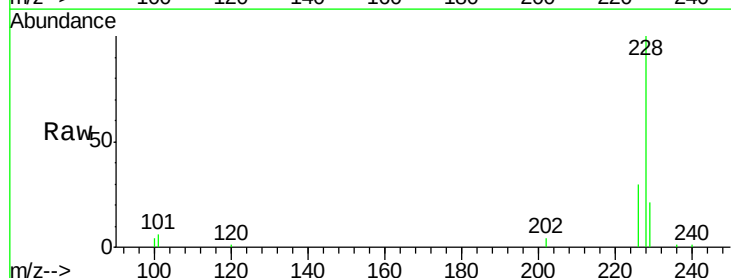
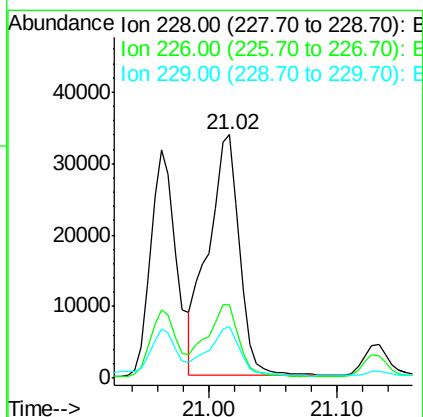
Manual Integrations
APPROVED

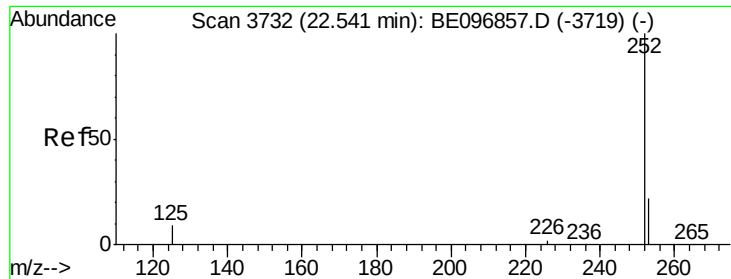
Sohil
7/9/2018 4:14:08 PM



#19
Chrysene
Concen: 0.581 ng/ul
RT: 21.02 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE096862.D
Acq: 6 Jul 2018 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	21.0	17.7	26.5





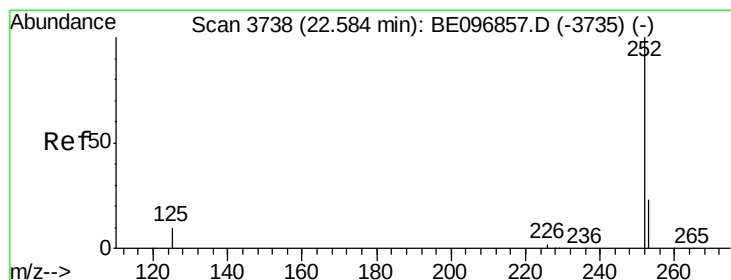
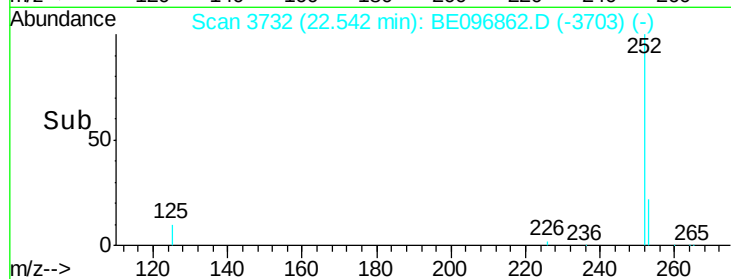
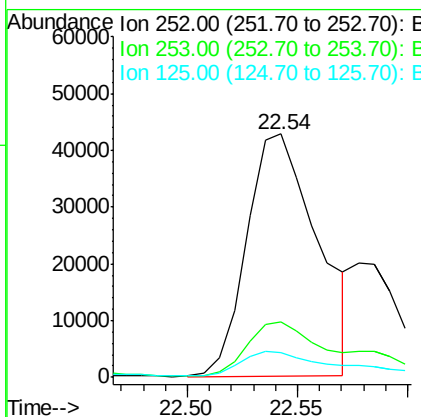
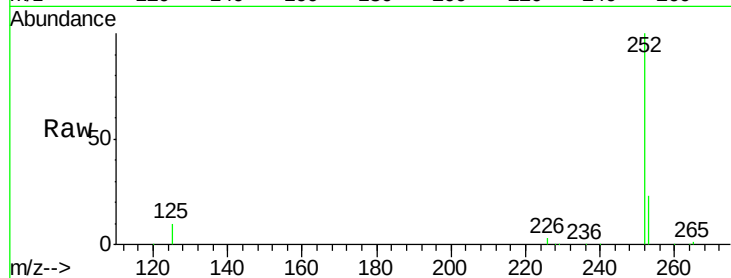
#21
Benzo(b)fluoranthene
Concen: 1.221 ng/ul m
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE096862.D
Acq: 6 Jul 2018 20:34

Instrument :
BNA_E
ClientSampled :
F1H17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	96087		
253	22.8	0.0	64.2	
125	9.9	0.0	35.0	

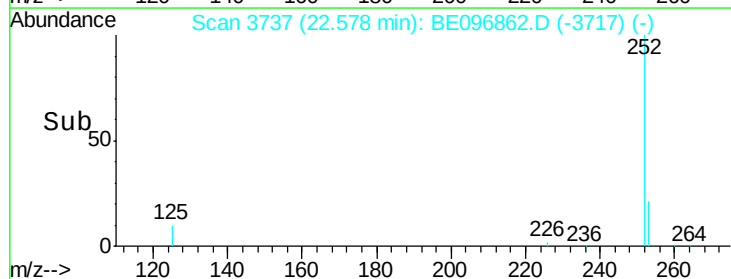
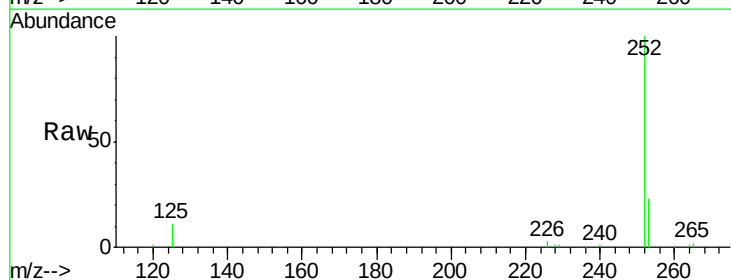
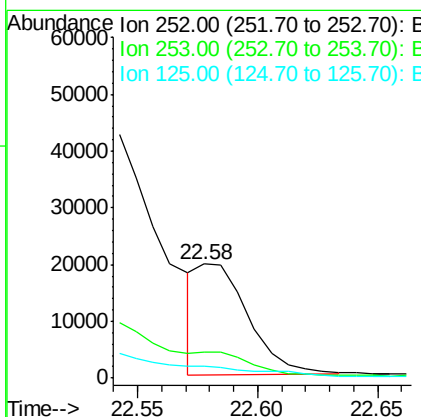
Manual Integrations
APPROVED

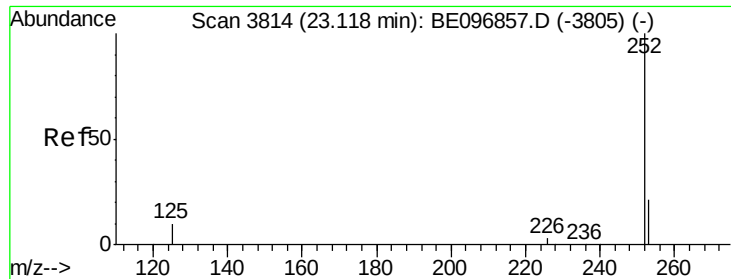
Sohil
7/9/2018 4:14:08 PM



#22
Benzo(k)fluoranthene
Concen: 0.336 ng/ul m
RT: 22.58 min Scan# 3737
Delta R.T. -0.01 min
Lab File: BE096862.D
Acq: 6 Jul 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28825		
253	23.2	24.5	36.7#	
125	10.6	13.7	20.5#	





#23

Benzo(a)pyrene

Concen: 0.873 ng/ul m

RT: 23.12 min Scan# 3814

Delta R.T. 0.01 min

Lab File: BE096862.D

Acq: 6 Jul 2018 20:34

Instrument :

BNA_E

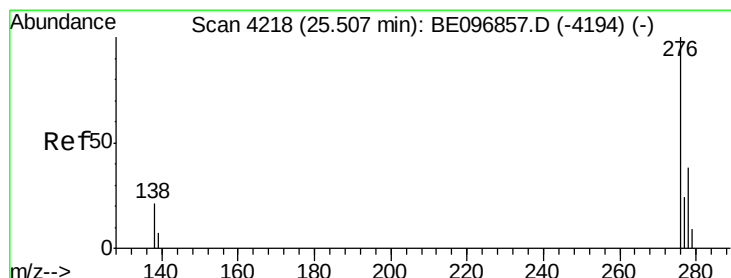
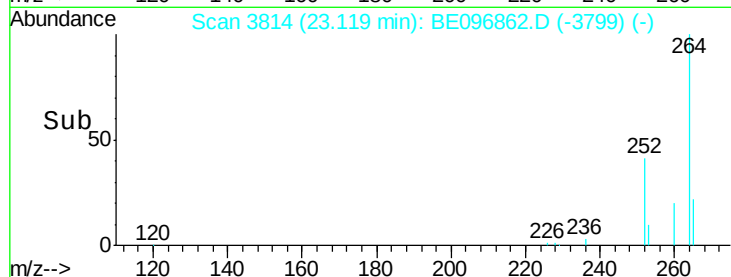
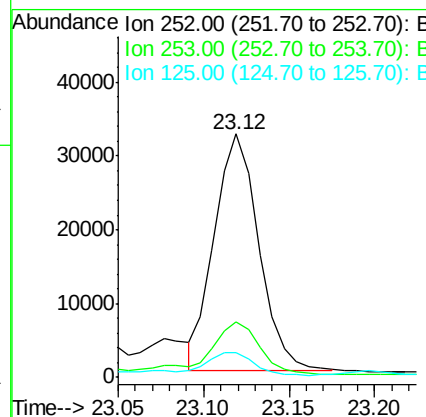
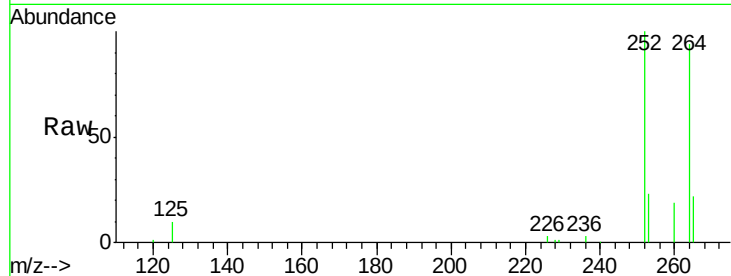
ClientSampleId :

F1H17

Tgt Ion:	252	Resp:	58105
Ion Ratio	Lower	Upper	
252	100		
253	22.8	28.5	42.7#
125	10.0	18.1	27.1#

Manual Integrations
APPROVED

Sohil
7/9/2018 4:14:08 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.452 ng/ul

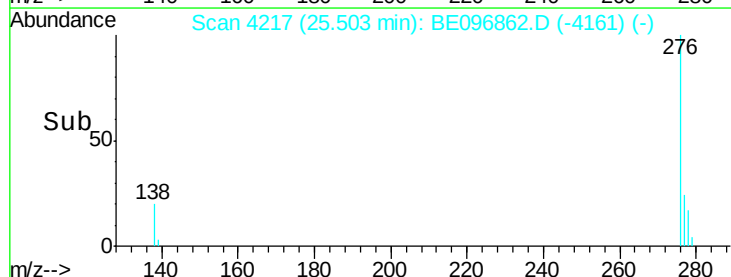
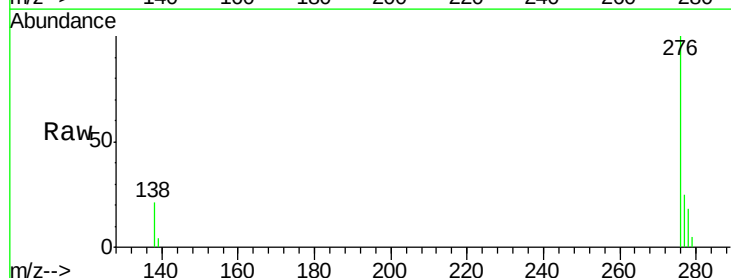
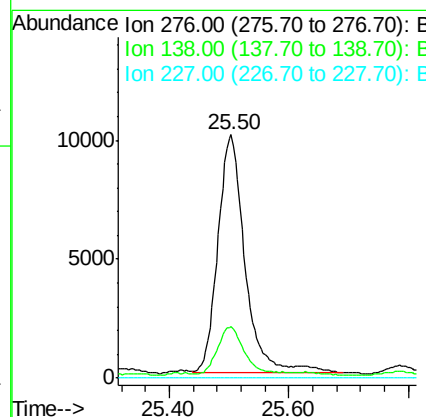
RT: 25.50 min Scan# 4217

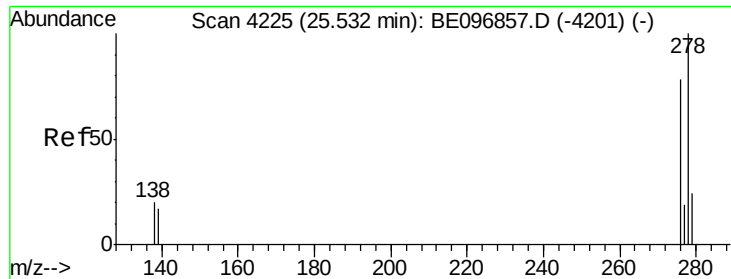
Delta R.T. -0.00 min

Lab File: BE096862.D

Acq: 6 Jul 2018 20:34

Tgt Ion:	276	Resp:	31231
Ion Ratio	Lower	Upper	
276	100		
138	21.3	28.0	42.0#
227	0.0	8.0	12.0#





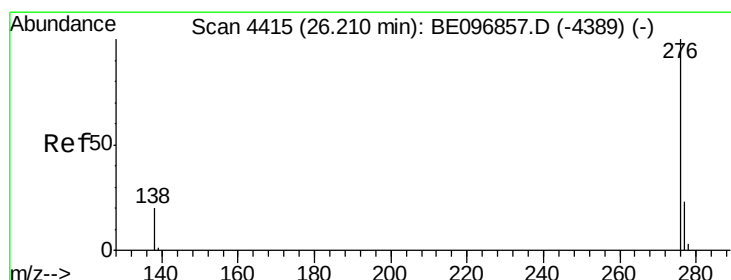
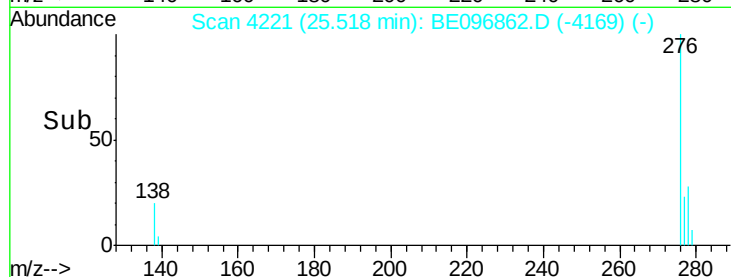
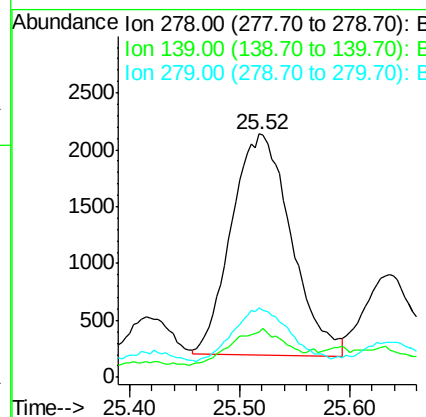
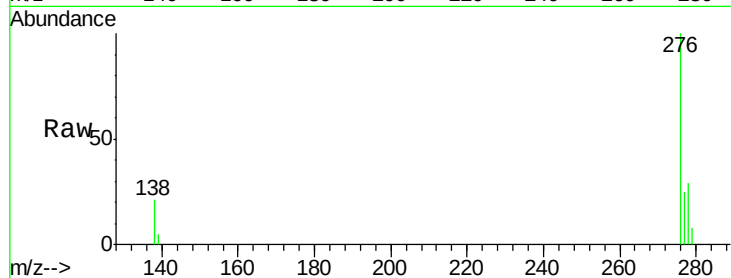
#25
Dibenzo(a,h)anthracene
Concen: 0.134 ng/ul
RT: 25.52 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BE096862.D
Acq: 6 Jul 2018 20:34

Instrument :
BNA_E
ClientSampled :
F1H17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	17.4	26.0
279	28.7	25.9	38.9

Manual Integrations
APPROVED

Sohil
7/9/2018 4:14:08 PM



#26
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul
RT: 26.20 min Scan# 4412
Delta R.T. -0.00 min
Lab File: BE096862.D
Acq: 6 Jul 2018 20:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	21.8	32.8#
277	23.5	20.5	30.7

