

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095874.D
 Acq On : 28 Mar 2018 13:34
 Operator : SJ/JU
 Sample : J2060-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AT5

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:17:37 PM

Quant Time: Mar 28 18:03:20 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 16:31:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1647	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4670	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3220	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	7427m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7907m	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	7934m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	3306	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	10921m	0.46	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.29	128	1269	0.097	ng/ul#	86
5) 2-Methylnaphthalene	12.87	142	491	0.054	ng/ul	98
8) Acenaphthene	15.06	153	2983	0.244	ng/ul	93
9) Fluorene	16.02	166	3552	0.267	ng/ul	89
12) Phenanthrene	17.75	178	23411m	1.053	ng/ul	
13) Anthracene	17.83	178	7548m	0.363	ng/ul	
15) Fluoranthene	19.71	202	37985m	1.410	ng/ul	
17) Pyrene	20.07	202	36178	1.205	ng/ul#	77
18) Benzo(a)anthracene	21.77	228	21761	0.853	ng/ul#	87
19) Chrysene	21.83	228	17216	0.663	ng/ul	98
21) Benzo(b)fluoranthene	23.60	252	18589m	0.676	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	6204m	0.237	ng/ul	
23) Benzo(a)pyrene	24.30	252	13579m	0.541	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.21	276	7197m	0.259	ng/ul	
25) Dibenzo(a,h)anthracene	27.21	278	2283m	0.103	ng/ul	
26) Benzo(a,h,i)perylene	28.09	276	6464m	0.270	ng/ul	

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

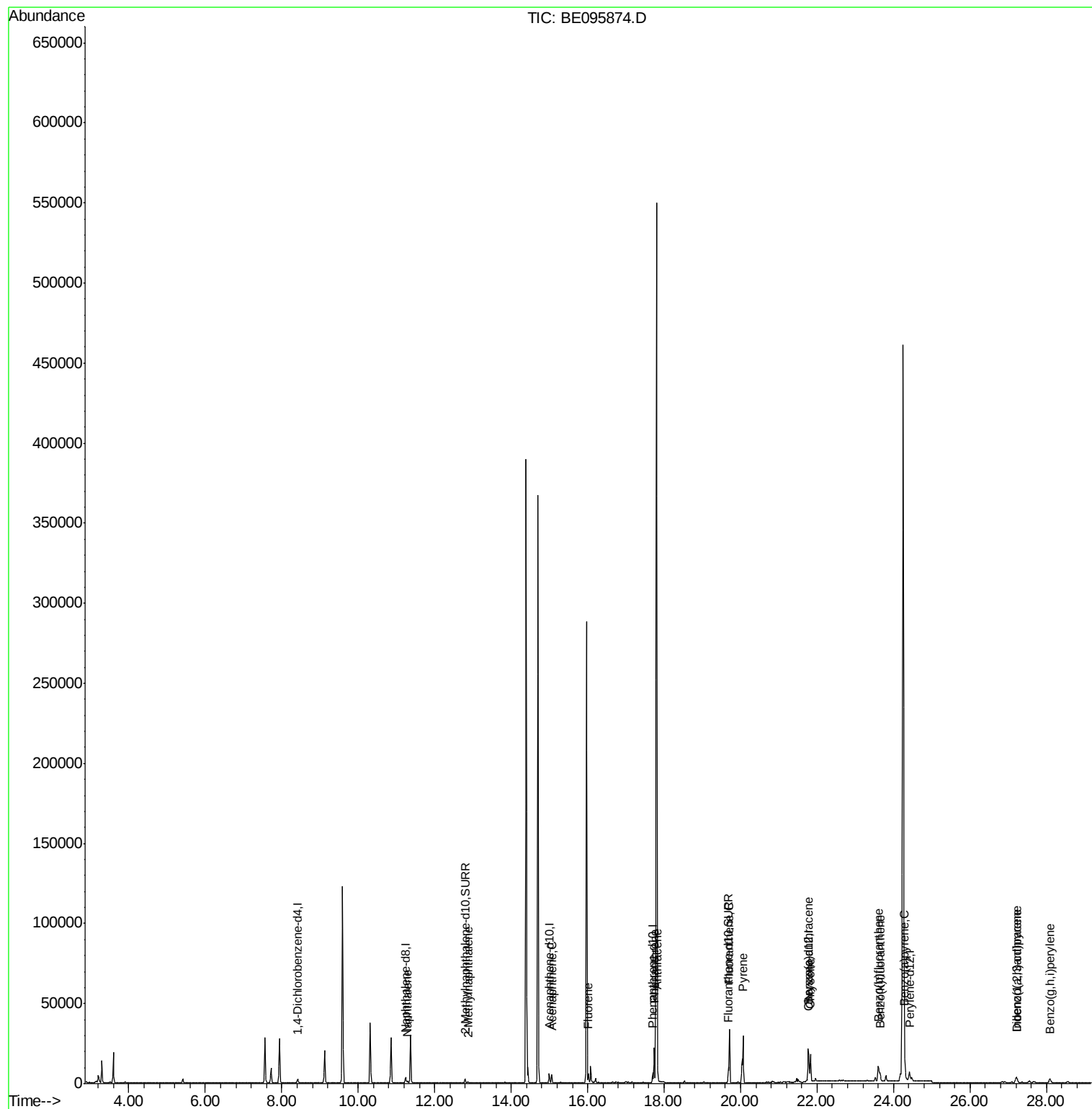
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File : BE095874.D
Acq On : 28 Mar 2018 13:34
Operator : SJ/JU
Sample : J2060-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

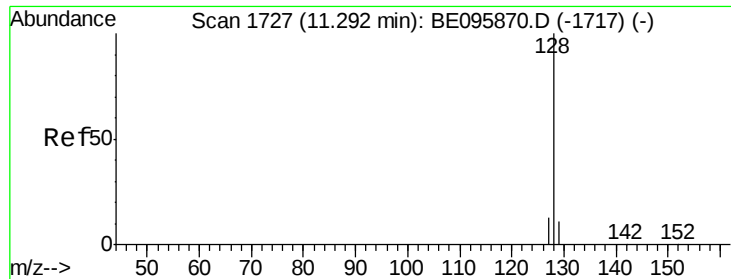
Instrument :
BNA_E
ClientSampleId :
C0AT5

Manual Integrations
APPROVED

Sohil
3/29/2018 5:17:37 PM

Quant Time: Mar 28 18:03:20 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 16:31:37 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.097 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BE095874.D

Acq: 28 Mar 2018 13:34

Instrument :

BNA_E

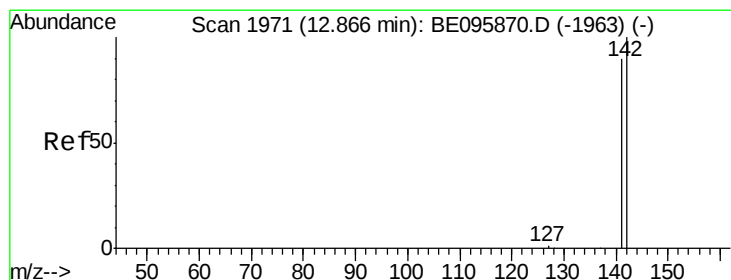
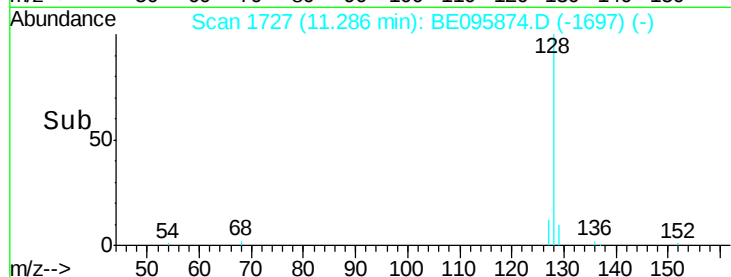
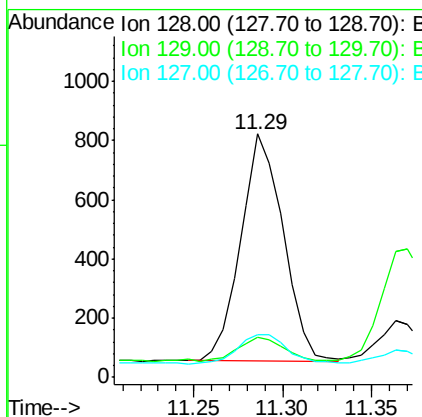
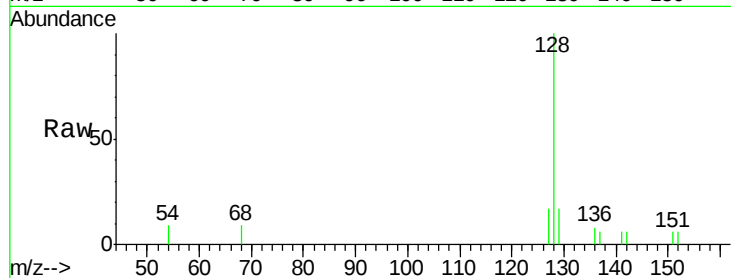
ClientSampleId :

C0AT5

Tot Ion:	128	Resp:	1269
Ion Ratio	Lower	Upper	
128	100		
129	16.5	11.3	16.9
127	17.3	4.0	6.0#

Manual Integrations
APPROVED

Sohil
3/29/2018 5:17:37 PM



#5

2-Methylnaphthalene

Concen: 0.054 ng/ul

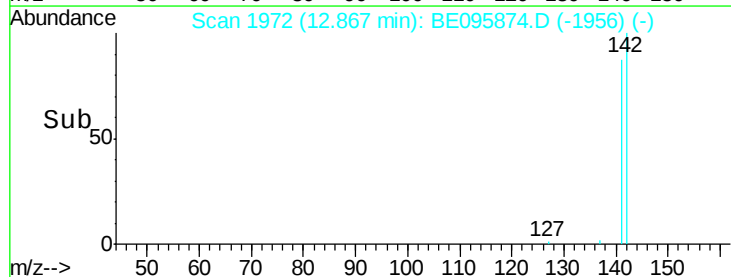
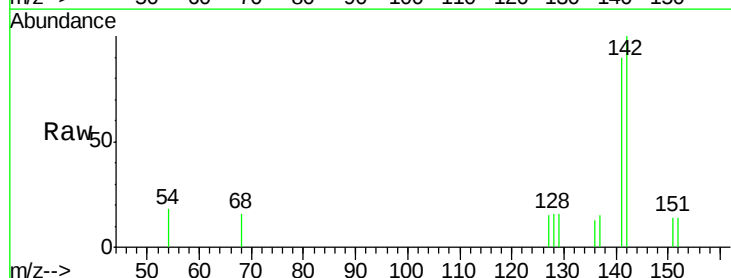
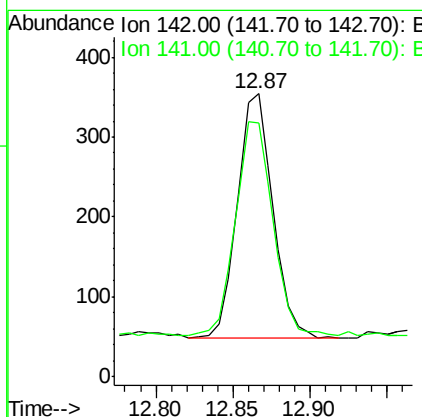
RT: 12.87 min Scan# 1972

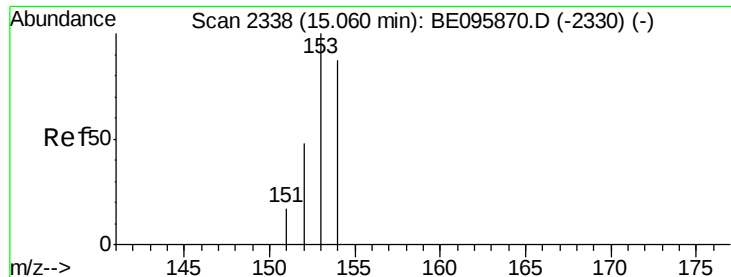
Delta R.T. 0.00 min

Lab File: BE095874.D

Acq: 28 Mar 2018 13:34

Tgt Ion:	142	Resp:	491
Ion Ratio	Lower	Upper	
142	100		
141	92.3	72.6	108.8





#8

Acenaphthene

Concen: 0.244 ng/ul

RT: 15.06 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE095874.D

Acq: 28 Mar 2018 13:34

Instrument :

BNA_E

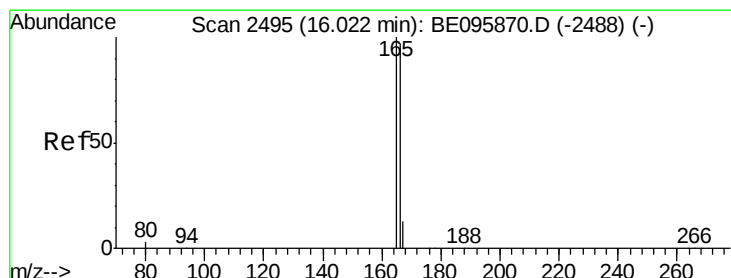
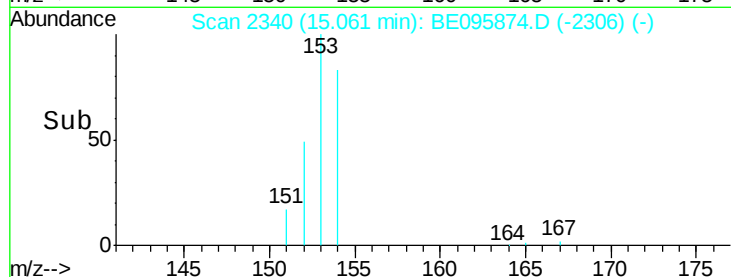
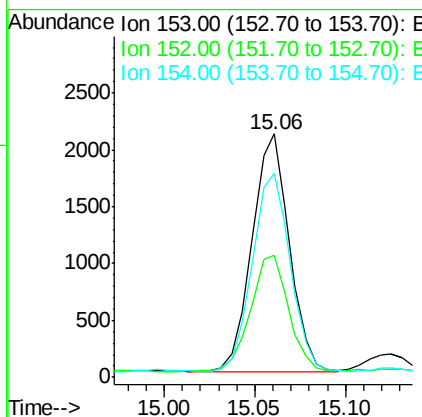
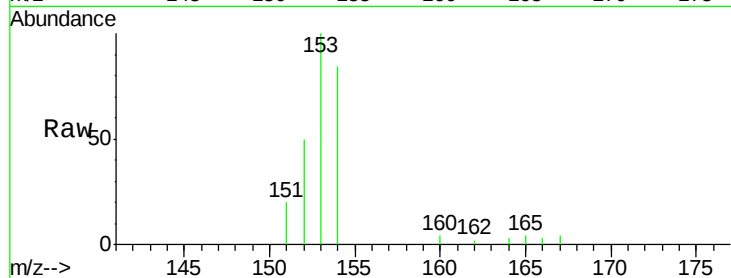
ClientSampled :

C0AT5

Tot Ion:	153	Resp:	2983
Ion Ratio	Lower	Upper	
153	100		
152	50.2	36.0	54.0
154	83.7	72.0	108.0

Manual Integrations
APPROVED

Sohil
3/29/2018 5:17:37 PM



#9

Fluorene

Concen: 0.267 ng/ul

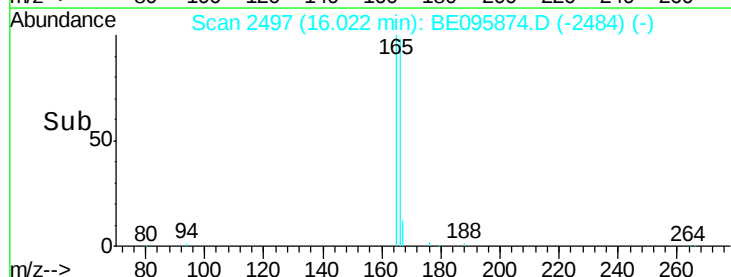
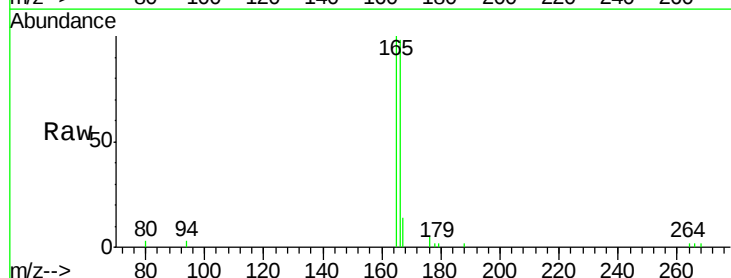
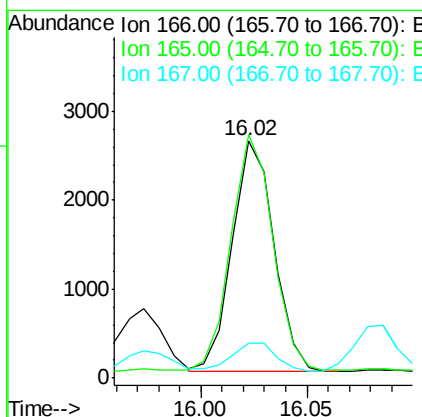
RT: 16.02 min Scan# 2497

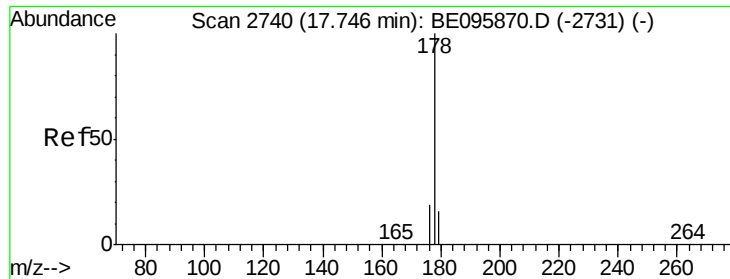
Delta R.T. 0.00 min

Lab File: BE095874.D

Acq: 28 Mar 2018 13:34

Tgt Ion:	166	Resp:	3552
Ion Ratio	Lower	Upper	
166	100		
165	102.5	73.4	110.2
167	14.7	14.6	22.0





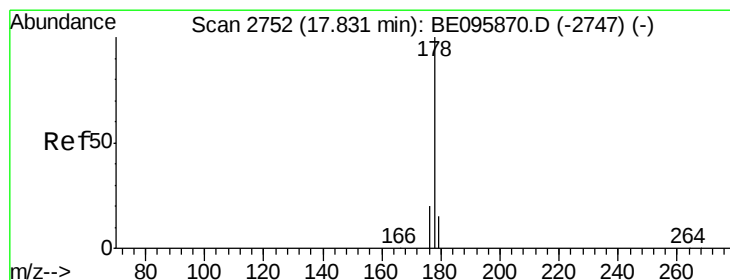
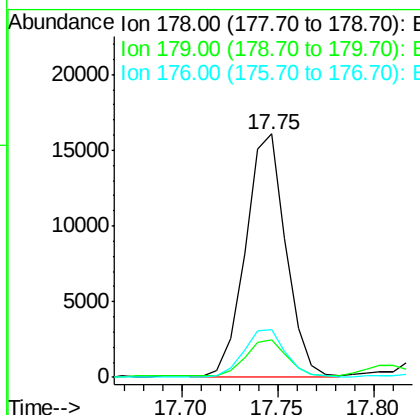
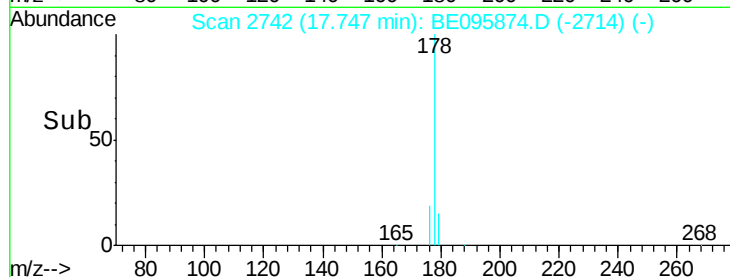
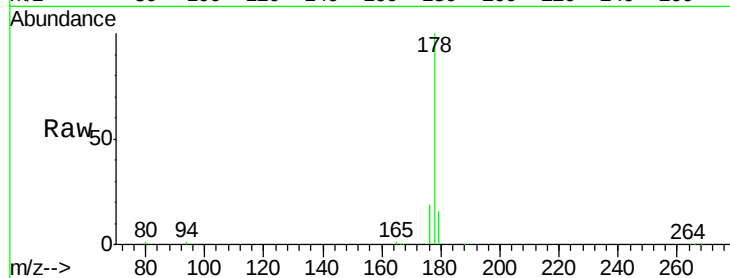
#12
Phenanthrene
Concen: 1.053 ng/ul m
RT: 17.75 min Scan# 2742
Delta R.T. 0.00 min
Lab File: BE095874.D
Acq: 28 Mar 2018 13:34

Instrument :
BNA_E
ClientSampleId :
C0AT5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	19.5	13.6	20.4

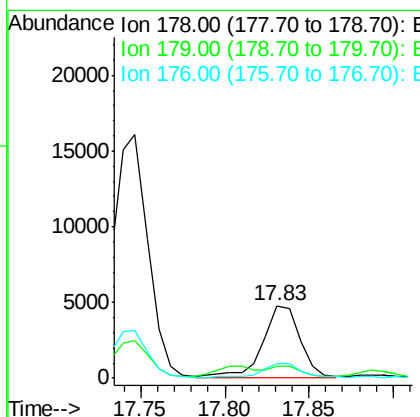
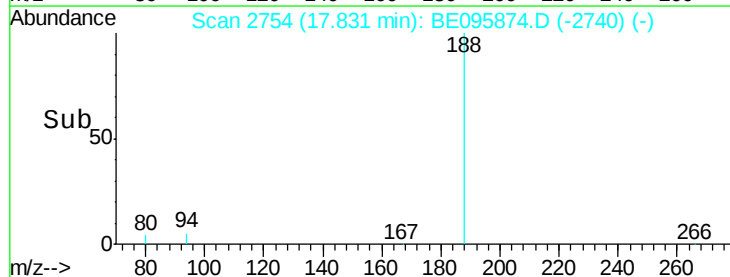
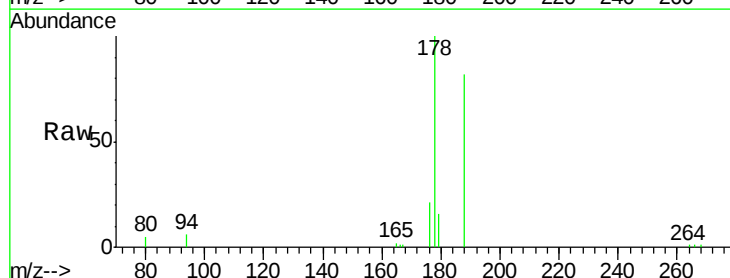
Manual Integrations
APPROVED

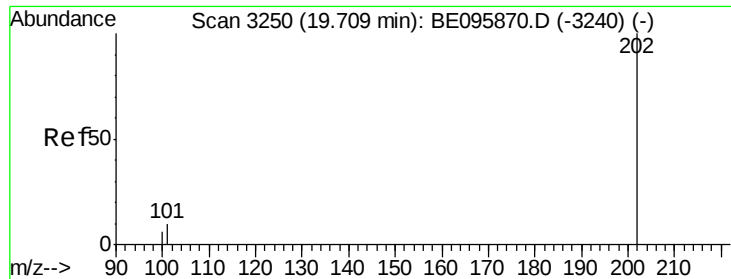
Sohil
3/29/2018 5:17:37 PM



#13
Anthracene
Concen: 0.363 ng/ul m
RT: 17.83 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BE095874.D
Acq: 28 Mar 2018 13:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	20.7	14.7	22.1





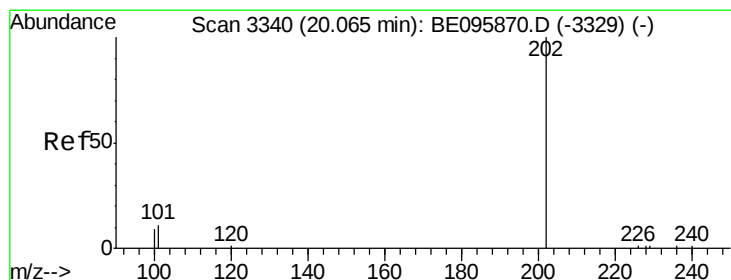
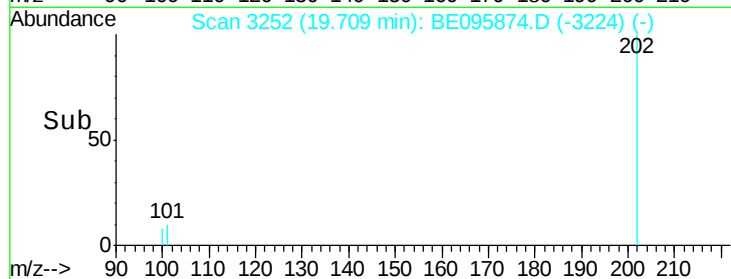
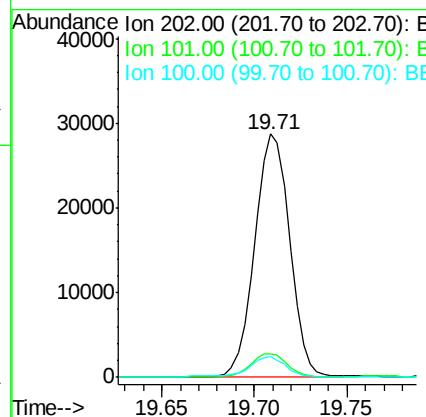
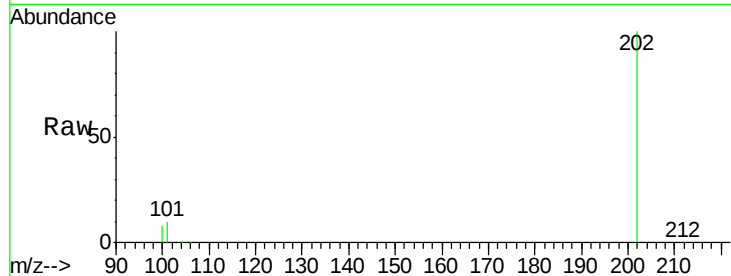
#15
Fluoranthene
 Concen: 1.410 ng/ul m
 RT: 19.71 min Scan# 3252
 Delta R.T. -0.00 min
 Lab File: BE095874.D
 Acq: 28 Mar 2018 13:34

Instrument :
 BNA_E
 ClientSampleId :
 C0AT5

Tot Ion:	202	Resp:	37985
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.3
100	8.4	0.0	39.5

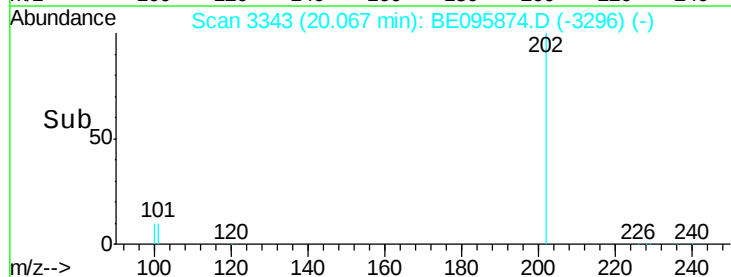
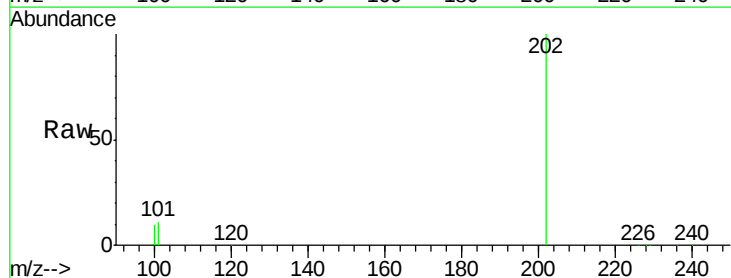
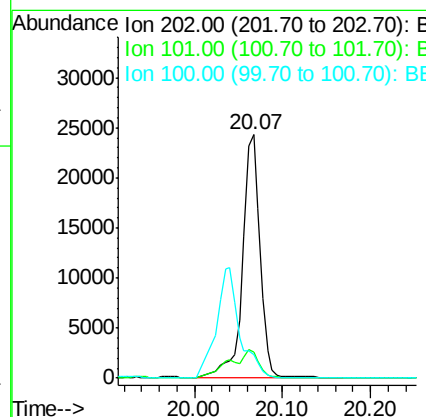
Manual Integrations
 APPROVED

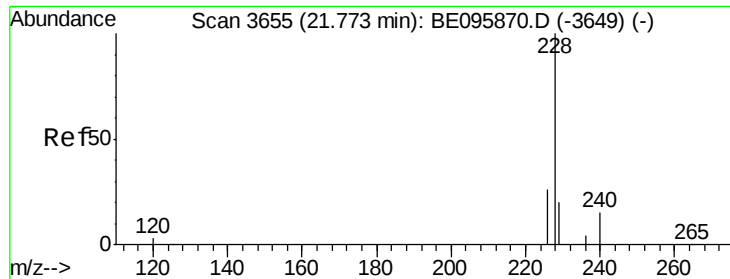
Sohil
 3/29/2018 5:17:37 PM



#17
Pyrene
 Concen: 1.205 ng/ul
 RT: 20.07 min Scan# 3343
 Delta R.T. 0.00 min
 Lab File: BE095874.D
 Acq: 28 Mar 2018 13:34

Tgt Ion:	202	Resp:	36178
Ion Ratio	Lower	Upper	
202	100		
101	10.8	18.2	27.4#
100	9.8	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.853 ng/ul

RT: 21.77 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE095874.D

Acq: 28 Mar 2018 13:34

Instrument :

BNA_E

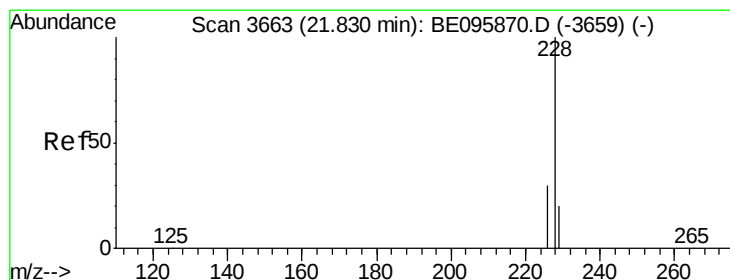
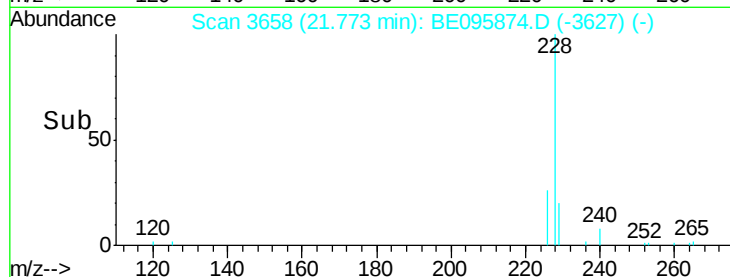
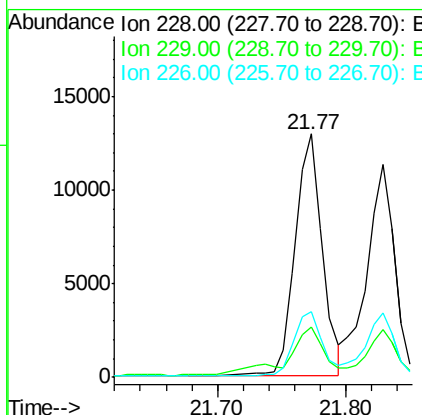
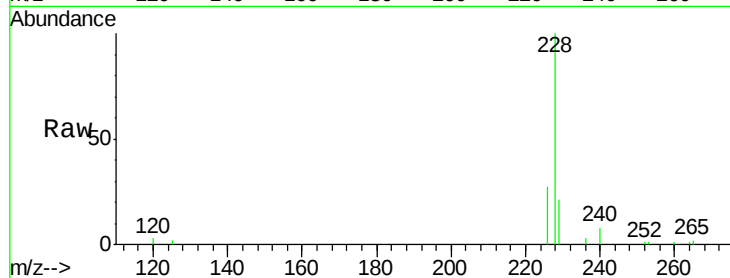
ClientSampled :

C0AT5

Tot Ion:	228	Resp:	21761
Ion Ratio	Lower	Upper	
228	100		
229	20.7	22.8	34.2#
226	26.8	17.0	25.6#

Manual Integrations
APPROVED

Sohil
3/29/2018 5:17:37 PM



#19

Chrysene

Concen: 0.663 ng/ul

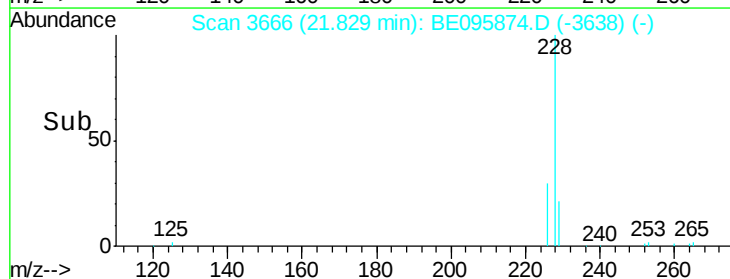
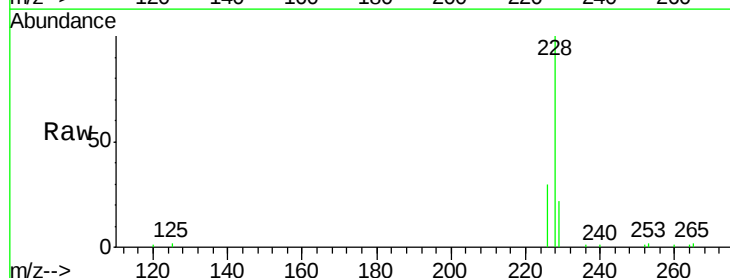
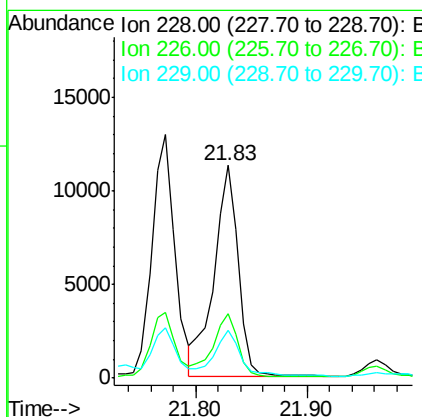
RT: 21.83 min Scan# 3666

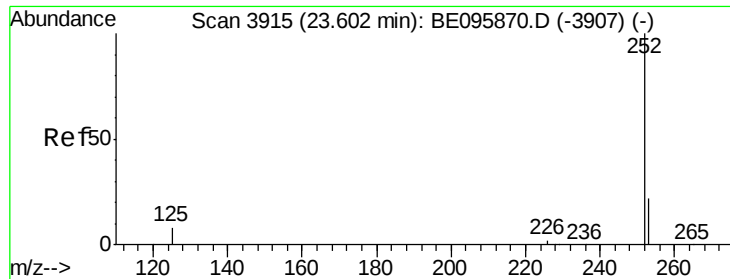
Delta R.T. -0.00 min

Lab File: BE095874.D

Acq: 28 Mar 2018 13:34

Tgt Ion:	228	Resp:	17216
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	22.4	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.676 ng/ul m

RT: 23.60 min Scan# 3918

Delta R.T. -0.00 min

Lab File: BE095874.D

Acq: 28 Mar 2018 13:34

Instrument :

BNA_E

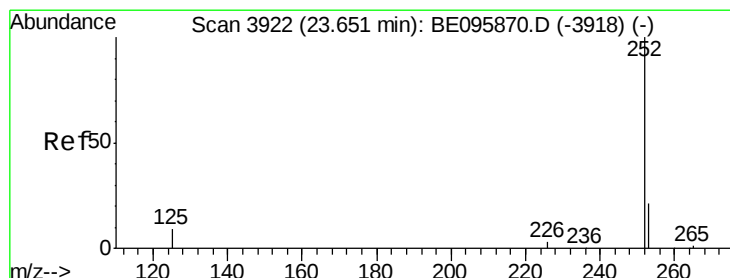
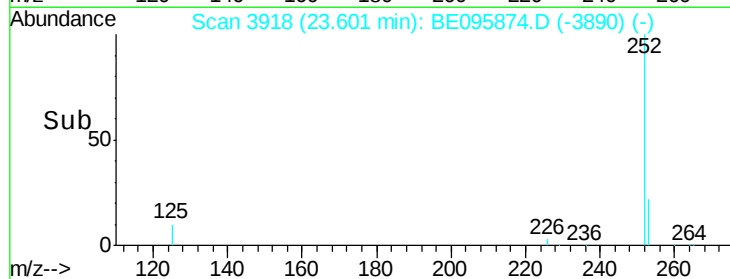
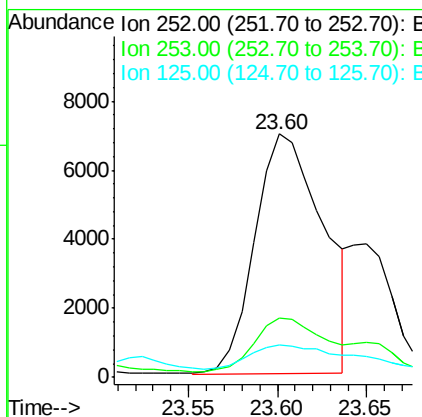
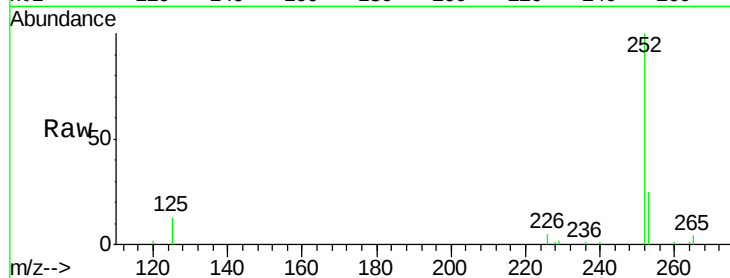
ClientSampleId :

C0AT5

Tot Ion:	252	Resp:	18589
Ion Ratio	Lower	Upper	
252	100		
253	24.6	0.0	64.2
125	13.2	0.0	35.0

Manual Integrations
APPROVED

Sohil
3/29/2018 5:17:37 PM



#22

Benzo(k)fluoranthene

Concen: 0.237 ng/ul m

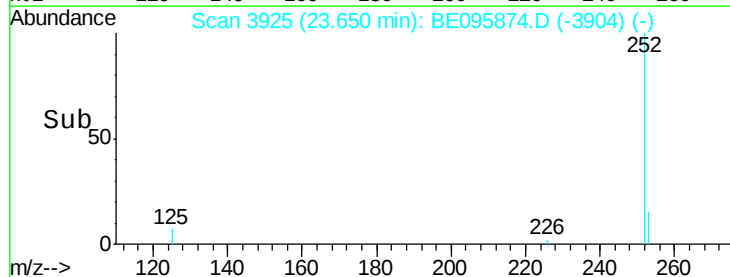
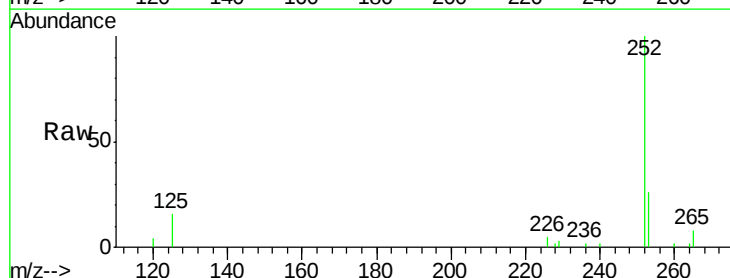
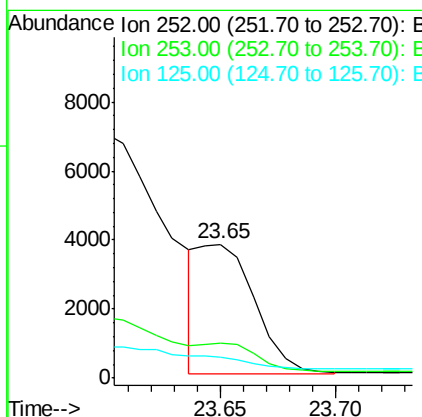
RT: 23.65 min Scan# 3925

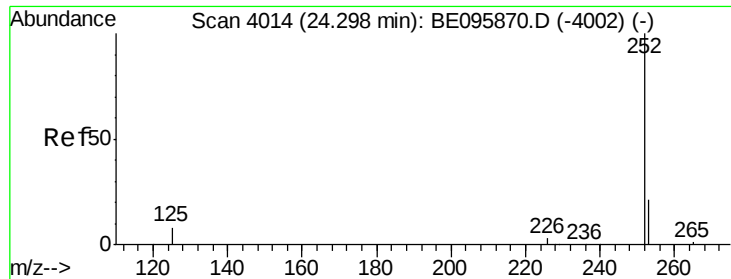
Delta R.T. -0.00 min

Lab File: BE095874.D

Acq: 28 Mar 2018 13:34

Tgt Ion:	252	Resp:	6204
Ion Ratio	Lower	Upper	
252	100		
253	26.3	24.5	36.7
125	15.8	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.541 ng/ul m

RT: 24.30 min Scan# 4017

Delta R.T. -0.00 min

Lab File: BE095874.D

Acq: 28 Mar 2018 13:34

Instrument :

BNA_E

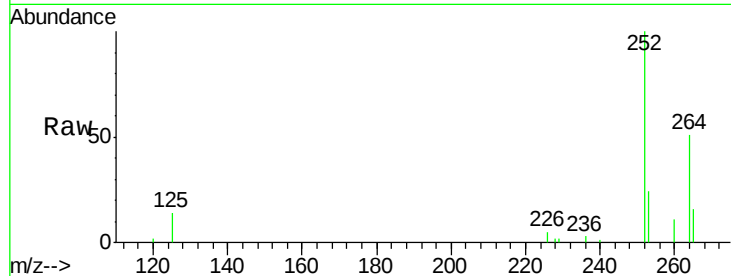
ClientSampleId :

C0AT5

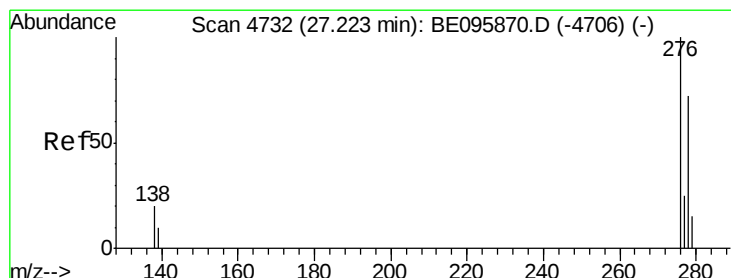
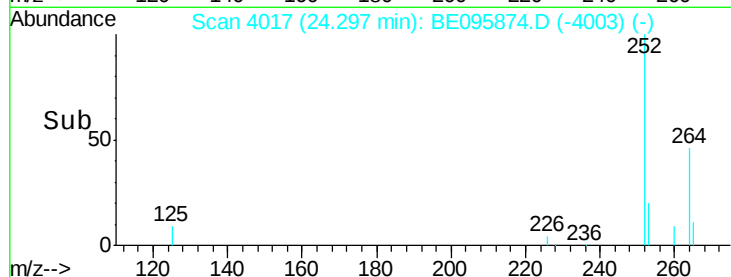
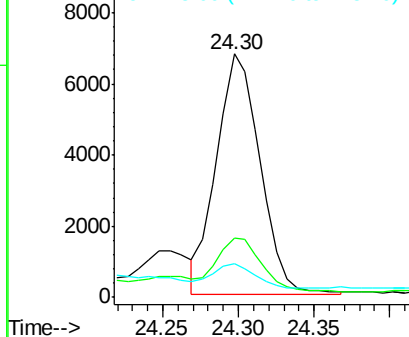
Tot Ion:	252	Resp:	13579
Ion Ratio	Lower	Upper	
252	100		
253	24.3	28.5	42.7#
125	14.1	18.1	27.1#

Manual Integrations
APPROVED

Sohil
3/29/2018 5:17:37 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: 0.259 ng/ul m

RT: 27.21 min Scan# 4733

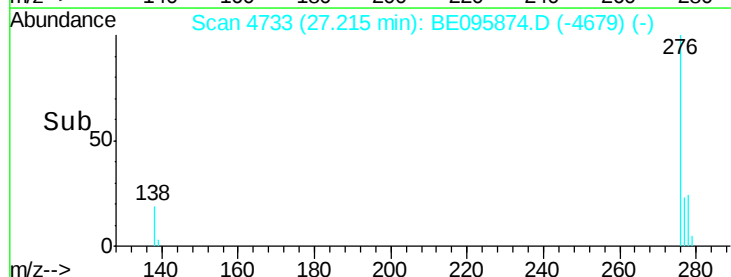
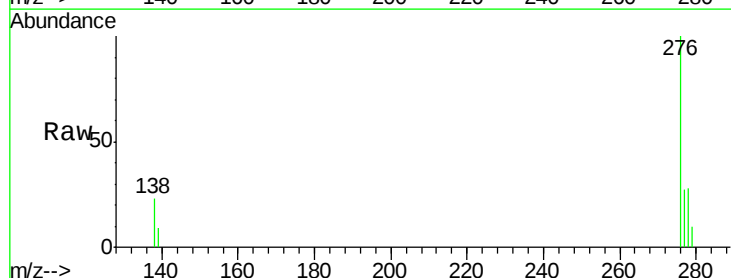
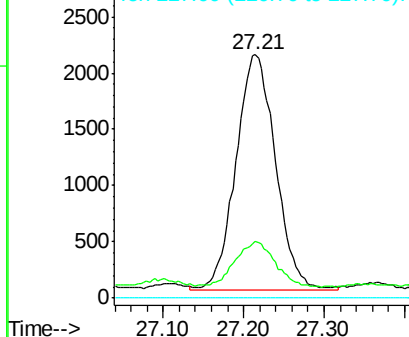
Delta R.T. -0.01 min

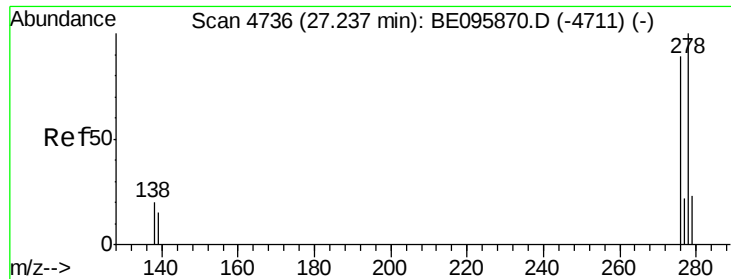
Lab File: BE095874.D

Acq: 28 Mar 2018 13:34

Tgt Ion:	276	Resp:	7197
Ion Ratio	Lower	Upper	
276	100		
138	0.0	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





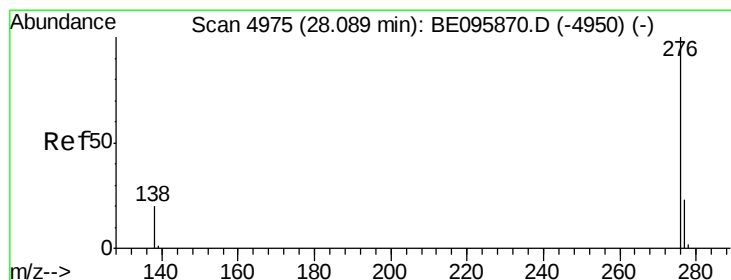
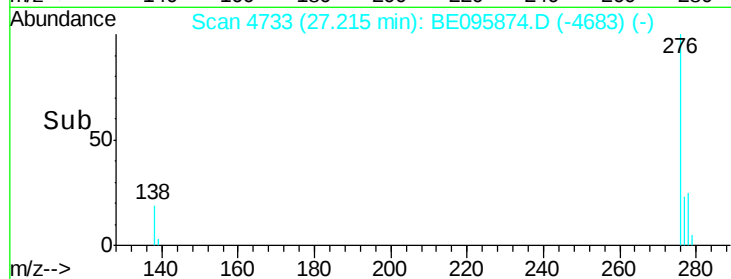
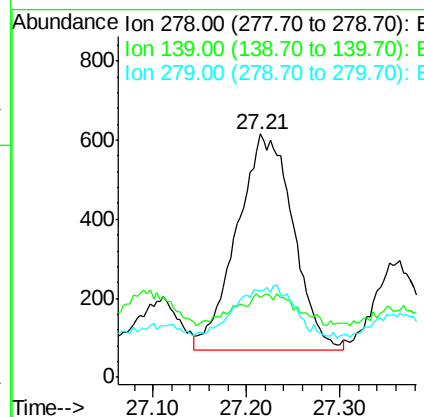
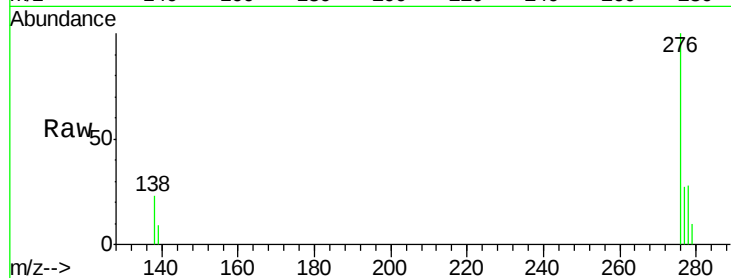
#25
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul m
RT: 27.21 min Scan# 4733
Delta R.T. -0.02 min
Lab File: BE095874.D
Acq: 28 Mar 2018 13:34

Instrument :
BNA_E
ClientSampleId :
C0AT5

Tot Ion	Ratio	Lower	Upper
278	100		
139	33.0	17.4	26.0#
279	35.2	25.9	38.9

Manual Integrations
APPROVED

Sohil
3/29/2018 5:17:37 PM



#26
Benzo(g,h,i)perylene
Concen: 0.270 ng/ul m
RT: 28.09 min Scan# 4978
Delta R.T. -0.00 min
Lab File: BE095874.D
Acq: 28 Mar 2018 13:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.8	32.8
277	25.2	20.5	30.7

