

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
 Data File : BE093580.D
 Acq On : 25 Jul 2017 16:50
 Operator : SJ/JU
 Sample : I4209-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B00

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:22:02 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 18:00:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2258	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12007	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8048	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19245m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	21048	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	17633m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5769	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	19993	0.33	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.76	128	34300	1.174	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	1769	0.083	ng/ul	98
7) Acenaphthylene	14.25	152	4298	0.128	ng/ul	100
9) Fluorene	15.57	166	922	0.028	ng/ul#	89
12) Phenanthrene	17.29	178	6934	0.132	ng/ul#	89
13) Anthracene	17.38	178	7306	0.143	ng/ul#	92
15) Fluoranthene	19.30	202	51104	0.780	ng/ul	84
17) Pyrene	19.67	202	43371	0.706	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	31554	0.517	ng/ul#	80
19) Chrysene	21.45	228	34992	0.598	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	46088	0.845	ng/ul	88
22) Benzo(k)fluoranthene	23.19	252	18074m	0.336	ng/ul	
23) Benzo(a)pyrene	23.80	252	37805m	0.729	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	23163m	0.404	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	6432m	0.134	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	21033m	0.436	ng/ul	

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

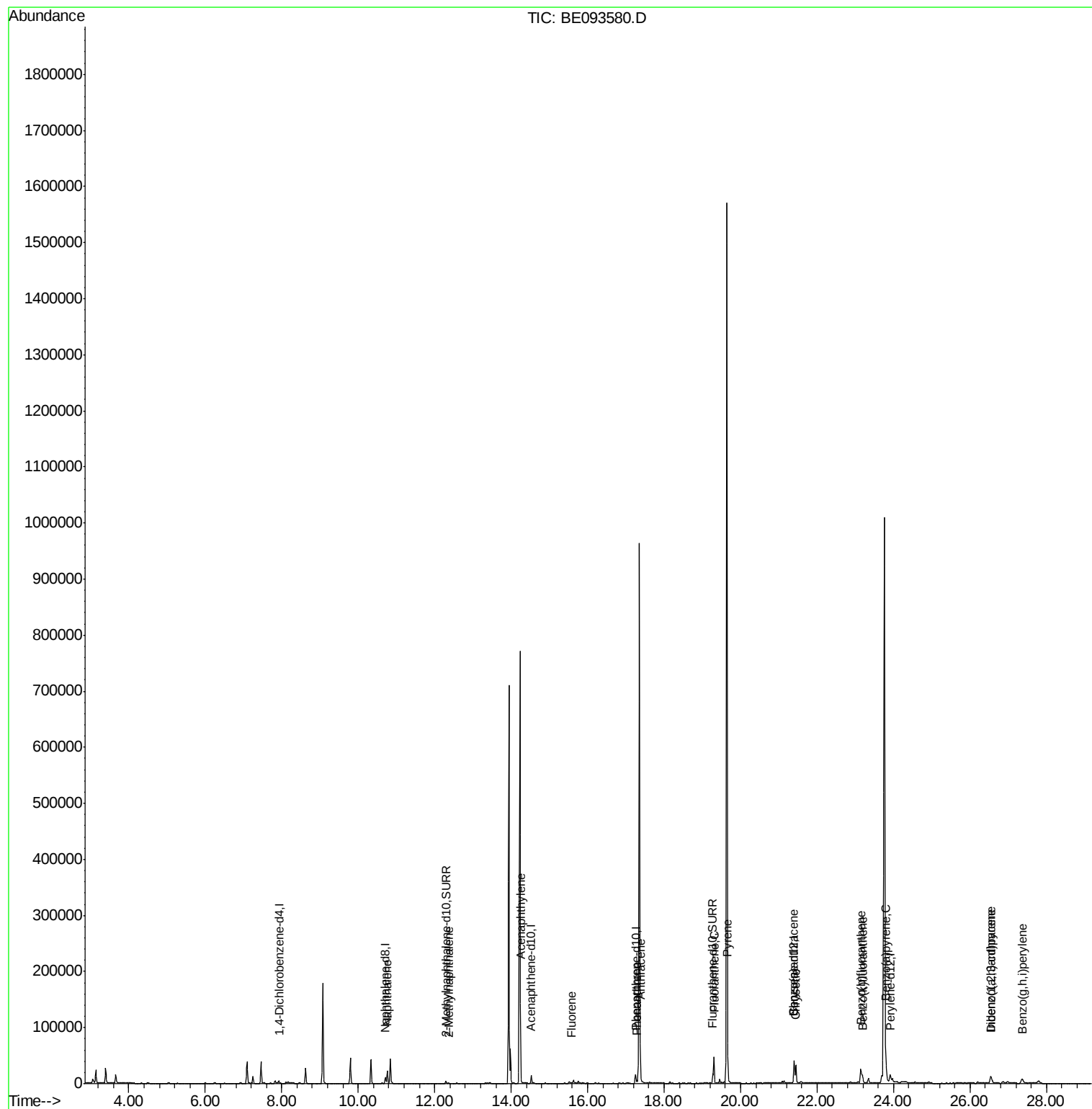
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

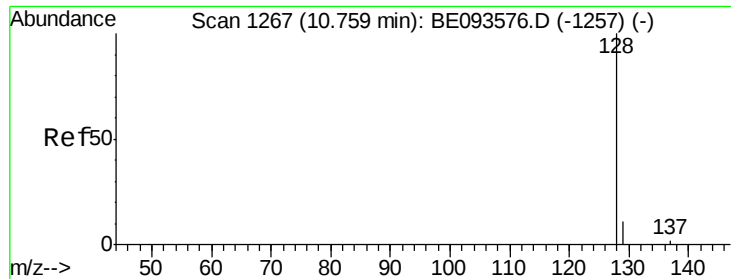
Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:22:02 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.174 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE093580.D

Acq: 25 Jul 2017 16:50

Instrument :

BNA_E

ClientSampleId :

C0B00

Tgt Ion:128 Resp: 34300

Ion Ratio Lower Upper

128 100

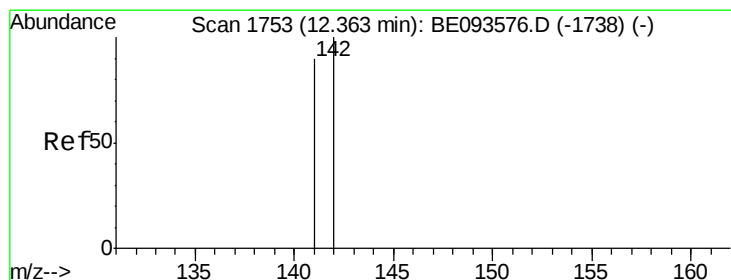
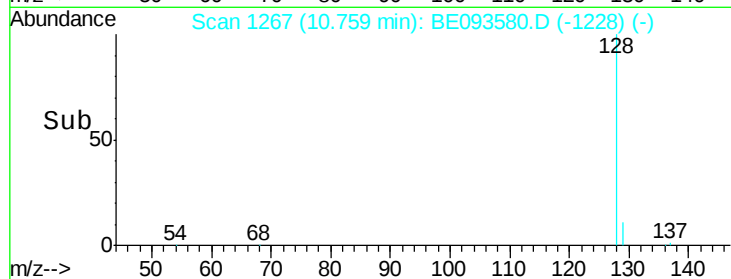
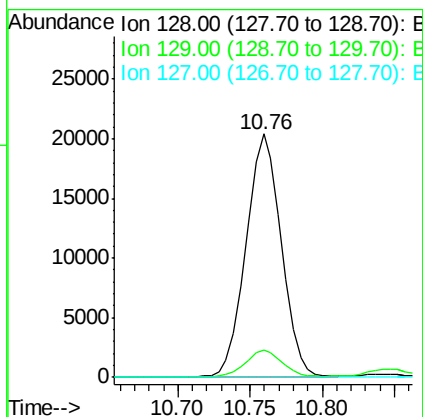
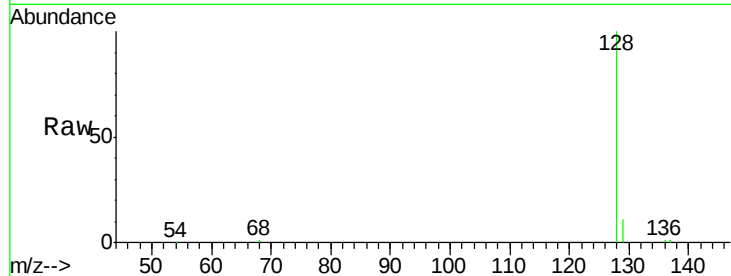
129 11.1 11.3 16.9#

127 0.0 4.0 6.0#

Manual Integrations
APPROVED

Sohil

7/26/2017 5:55:48 PM



#5

2-Methylnaphthalene

Concen: 0.083 ng/ul

RT: 12.36 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BE093580.D

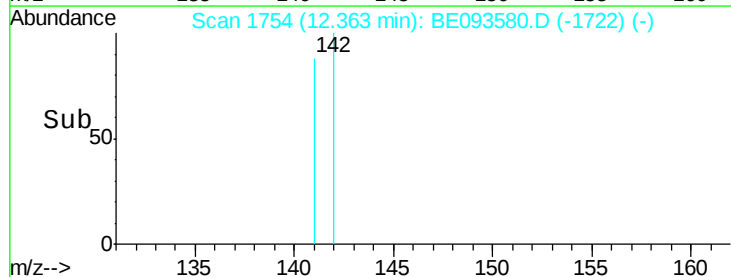
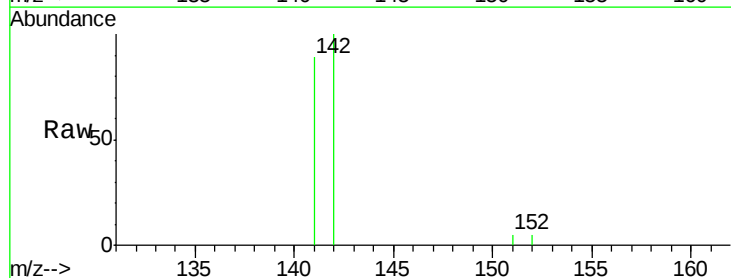
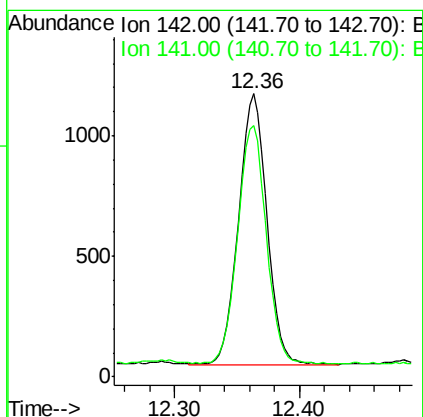
Acq: 25 Jul 2017 16:50

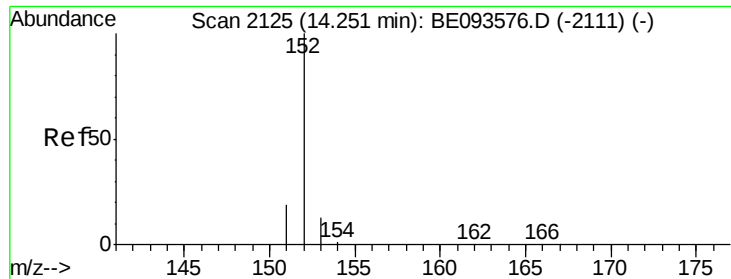
Tgt Ion:142 Resp: 1769

Ion Ratio Lower Upper

142 100

141 89.2 72.6 108.8





#7

Acenaphthylene

Concen: 0.128 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE093580.D

Acq: 25 Jul 2017 16:50

Instrument :

BNA_E

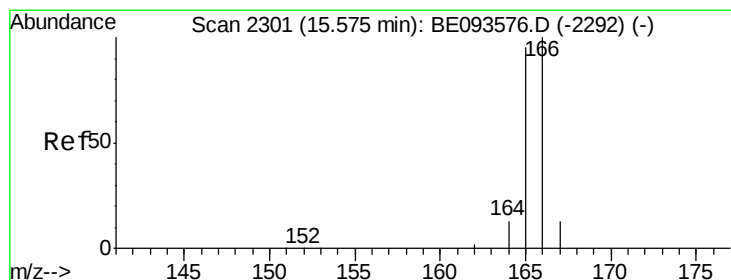
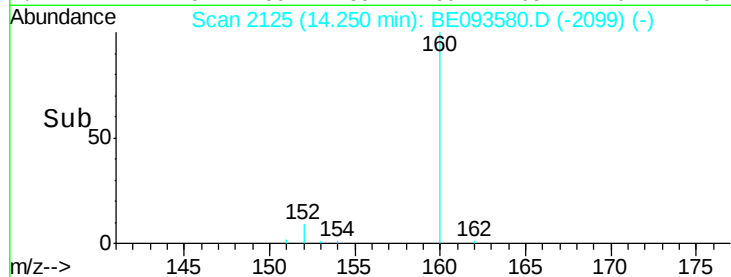
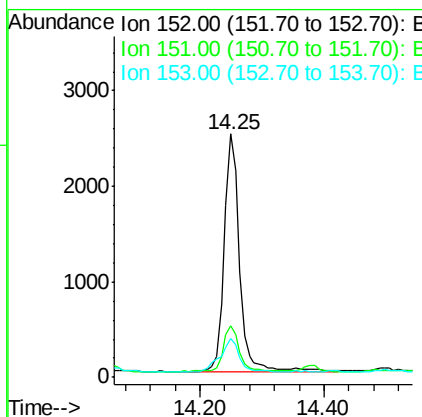
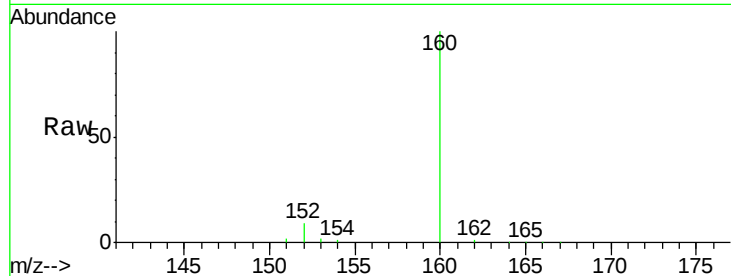
ClientSampleId :

C0B00

Tgt Ion:	152	Resp:	4298
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	16.2	12.8	19.2

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM



#9

Fluorene

Concen: 0.028 ng/ul

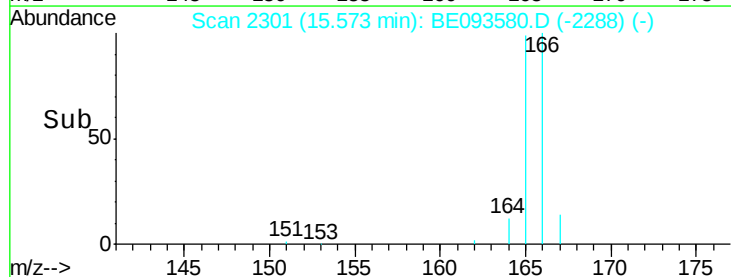
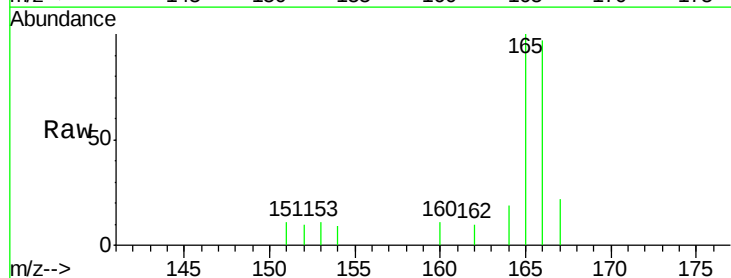
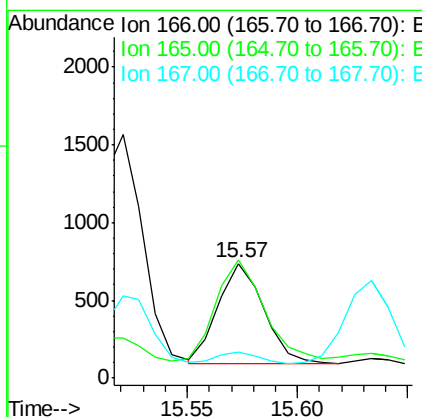
RT: 15.57 min Scan# 2301

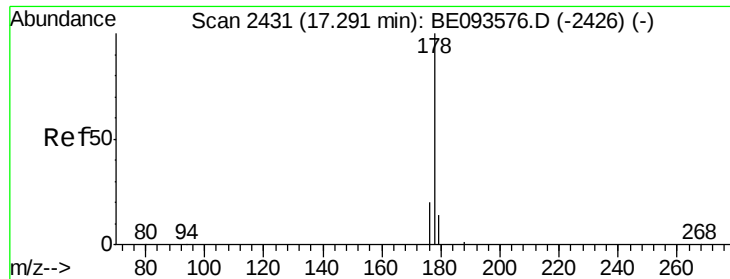
Delta R.T. -0.00 min

Lab File: BE093580.D

Acq: 25 Jul 2017 16:50

Tgt Ion:	166	Resp:	922
Ion Ratio	Lower	Upper	
166	100		
165	102.6	73.4	110.2
167	23.0	14.6	22.0





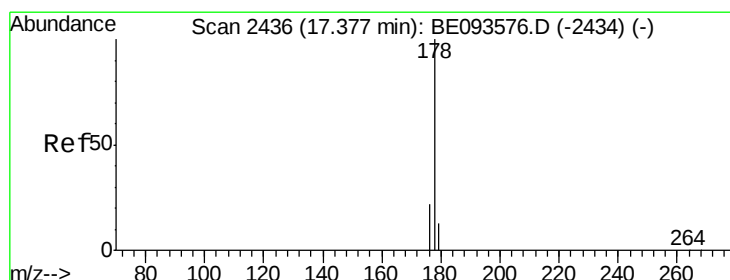
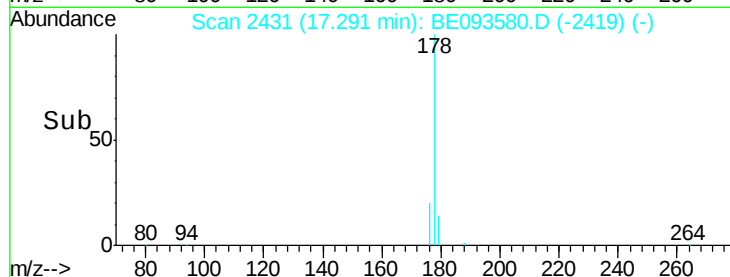
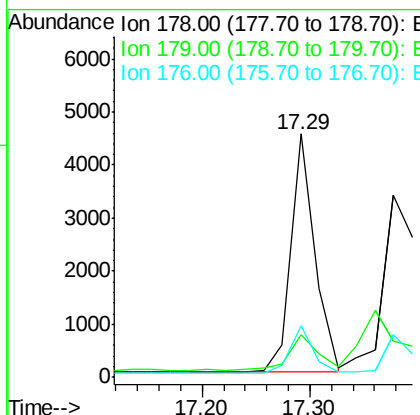
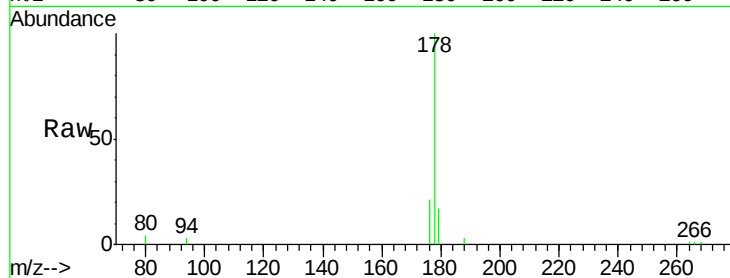
#12
Phenanthrene
Concen: 0.132 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093580.D
Acq: 25 Jul 2017 16:50

Instrument :
BNA_E
ClientSampleId :
C0B00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.4	27.6#
176	21.3	13.6	20.4#

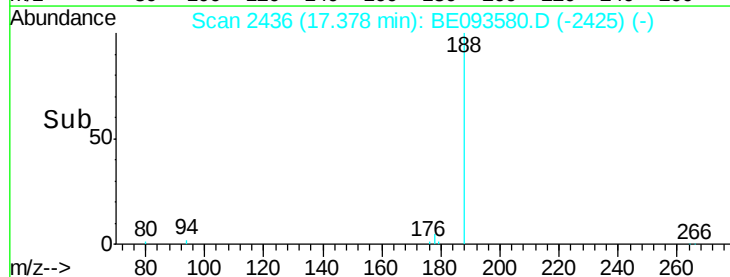
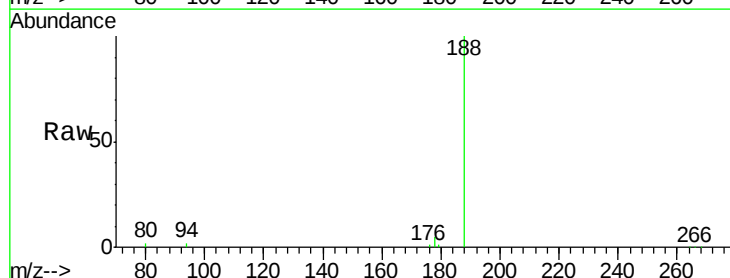
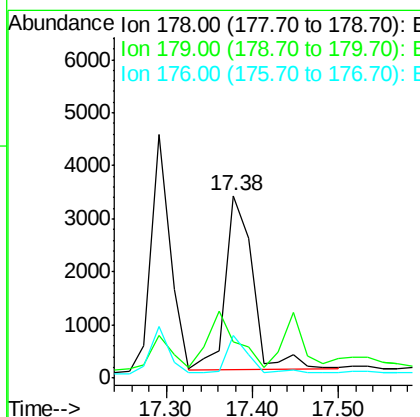
Manual Integrations
APPROVED

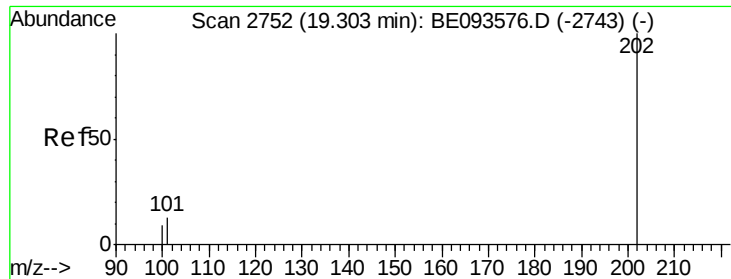
Sohil
7/26/2017 5:55:48 PM



#13
Anthracene
Concen: 0.143 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE093580.D
Acq: 25 Jul 2017 16:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.0	18.1	27.1
176	23.0	14.7	22.1#





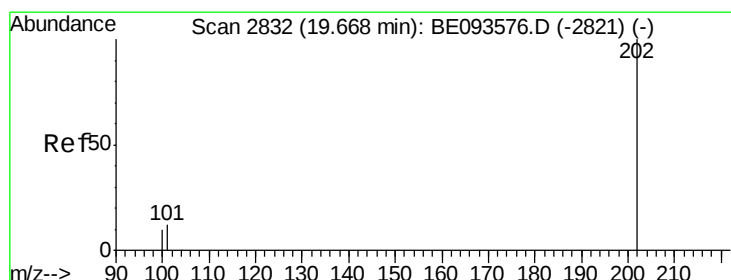
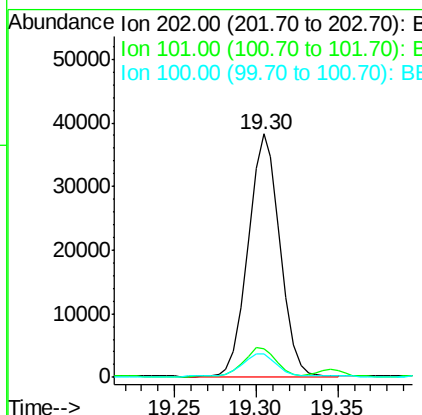
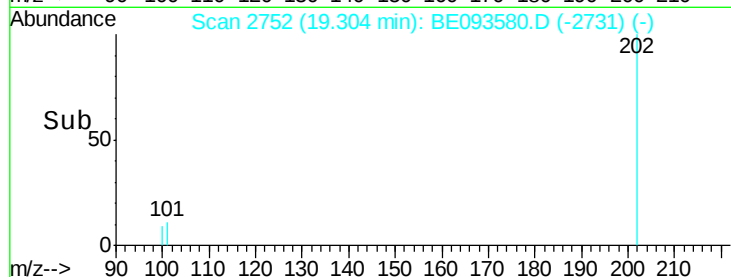
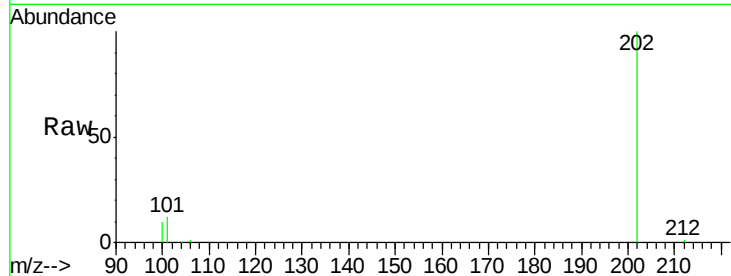
#15
Fluoranthene
 Concen: 0.780 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BE093580.D
 Acq: 25 Jul 2017 16:50

Instrument :
 BNA_E
 ClientSampled :
 C0B00

Tgt Ion:	202	Resp:	51104
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	30.3
100	9.8	0.0	39.5

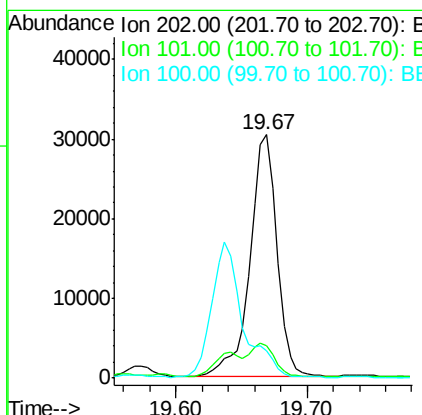
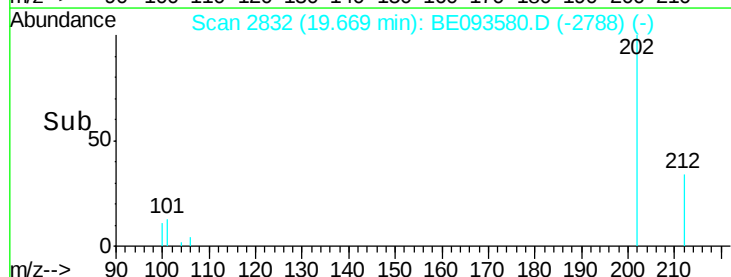
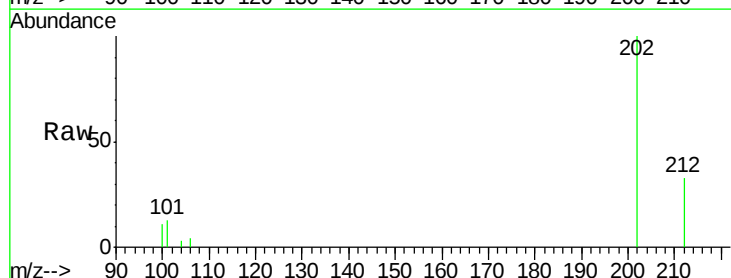
Manual Integrations
 APPROVED

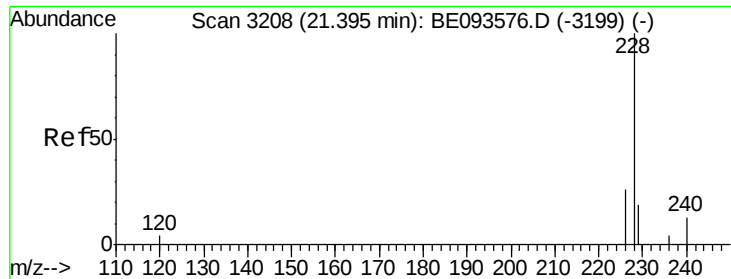
Sohil
 7/26/2017 5:55:48 PM



#17
Pyrene
 Concen: 0.706 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BE093580.D
 Acq: 25 Jul 2017 16:50

Tgt Ion:	202	Resp:	43371
Ion Ratio	Lower	Upper	
202	100		
101	13.2	18.2	27.4#
100	11.0	15.6	23.4#





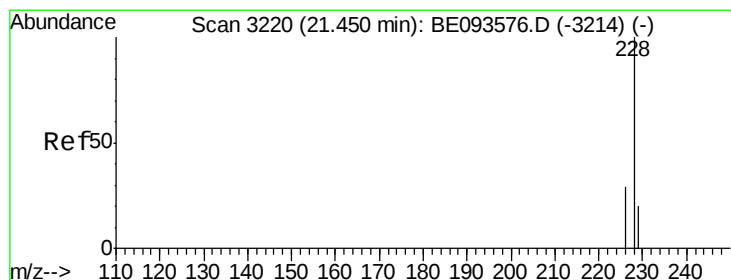
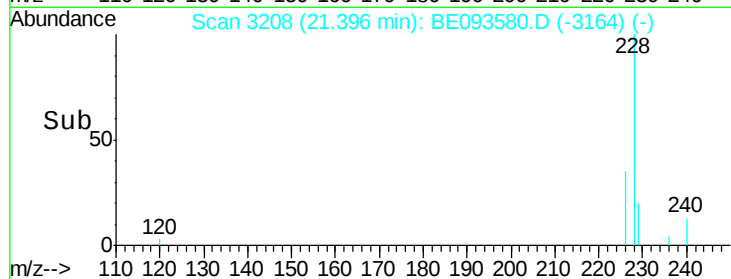
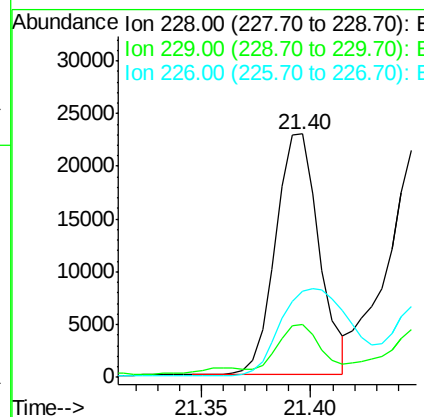
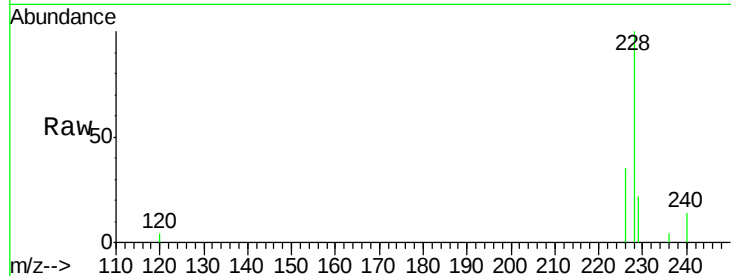
#18
Benzo(a)anthracene
Concen: 0.517 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE093580.D
Acq: 25 Jul 2017 16:50

Instrument :
BNA_E
ClientSampleId :
C0B00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	22.8	34.2#
226	35.5	17.0	25.6#

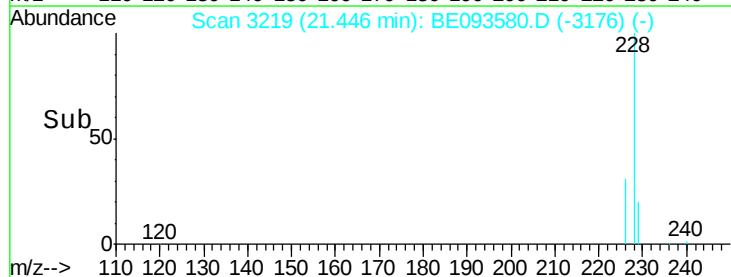
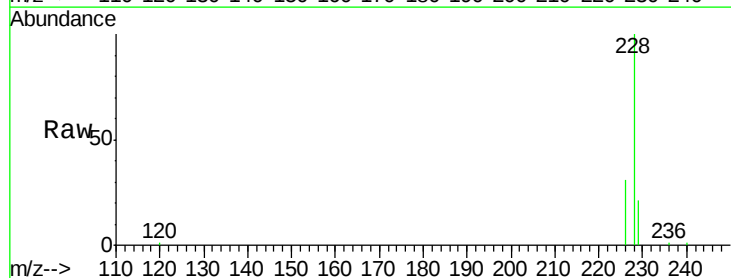
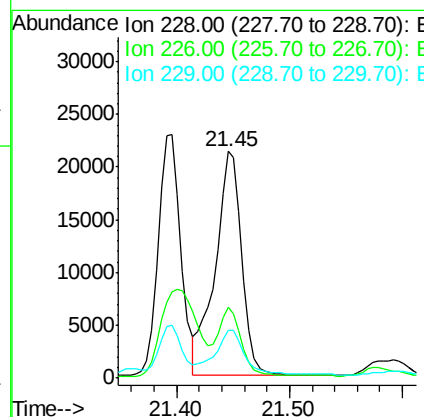
Manual Integrations
APPROVED

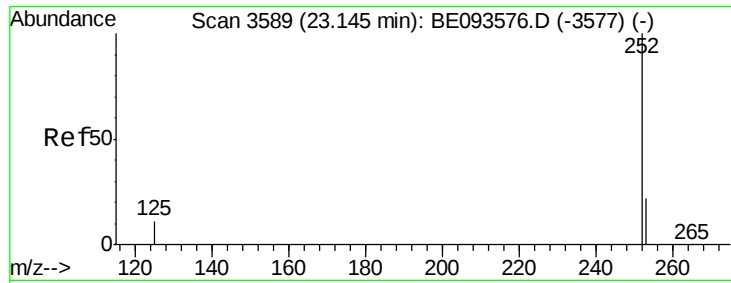
Sohil
7/26/2017 5:55:48 PM



#19
Chrysene
Concen: 0.598 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE093580.D
Acq: 25 Jul 2017 16:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	21.3	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.845 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BE093580.D

Acq: 25 Jul 2017 16:50

Instrument :

BNA_E

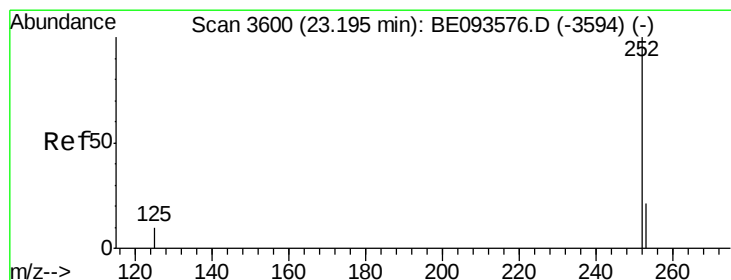
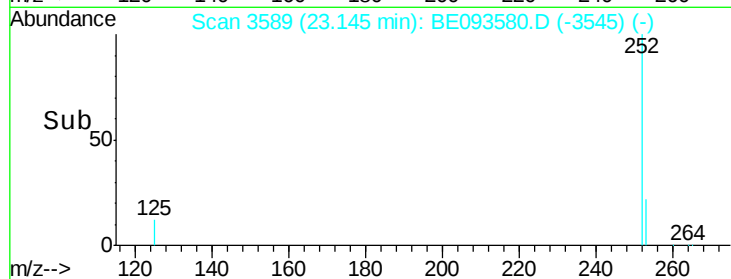
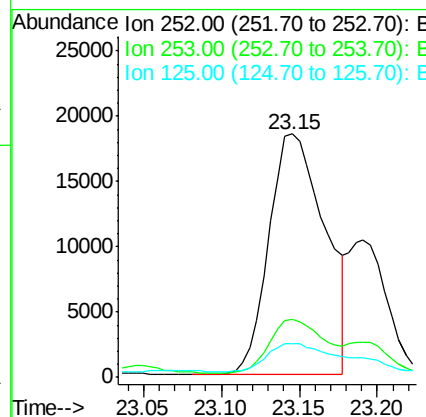
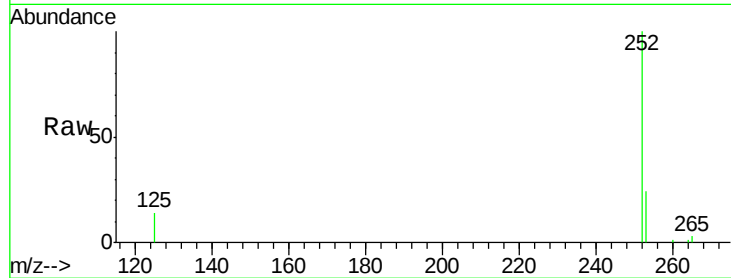
ClientSampled :

C0B00

Tgt Ion:	252	Resp:	46088
Ion Ratio	Lower	Upper	
252	100		
253	23.9	0.0	64.2
125	13.9	0.0	35.0

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM



#22

Benzo(k)fluoranthene

Concen: 0.336 ng/ul m

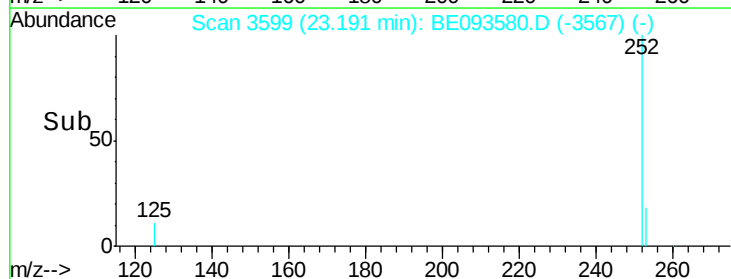
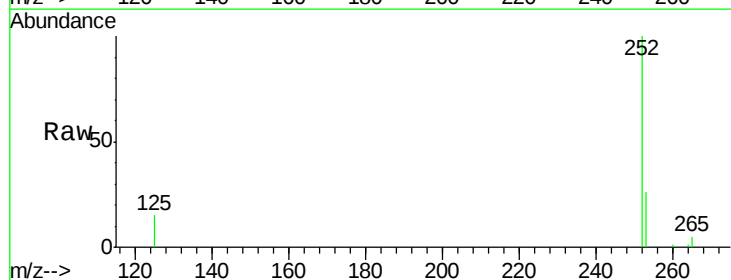
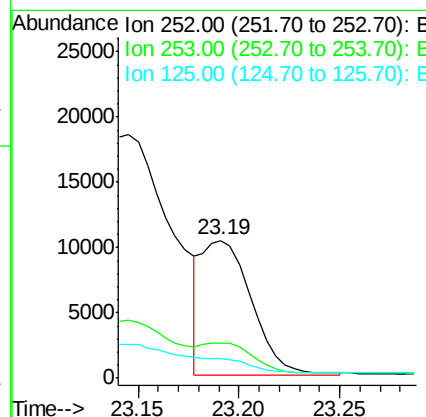
RT: 23.19 min Scan# 3599

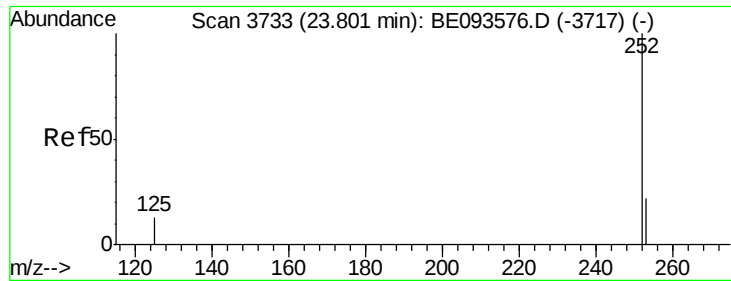
Delta R.T. -0.00 min

Lab File: BE093580.D

Acq: 25 Jul 2017 16:50

Tgt Ion:	252	Resp:	18074
Ion Ratio	Lower	Upper	
252	100		
253	25.8	24.5	36.7
125	14.6	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.729 ng/ul m

RT: 23.80 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE093580.D

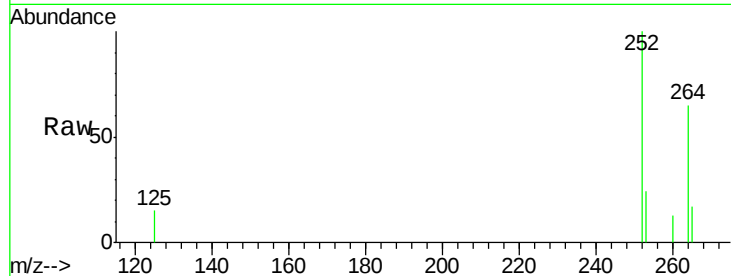
Acq: 25 Jul 2017 16:50

Instrument :

BNA_E

ClientSampleId :

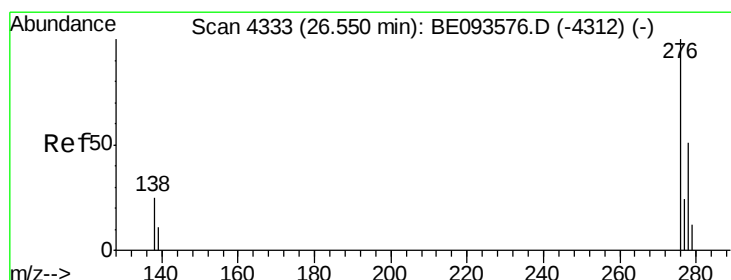
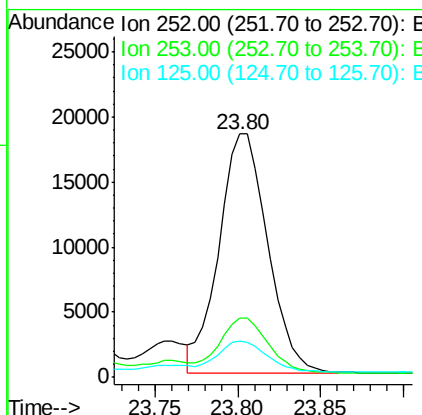
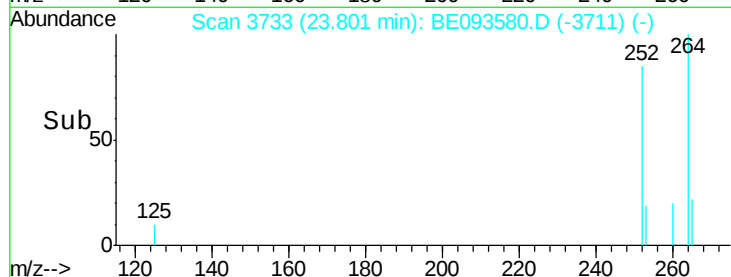
C0B00



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	28.5	42.7#
125	14.8	18.1	27.1#

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM



#24

Indeno(1,2,3-cd)pyrene

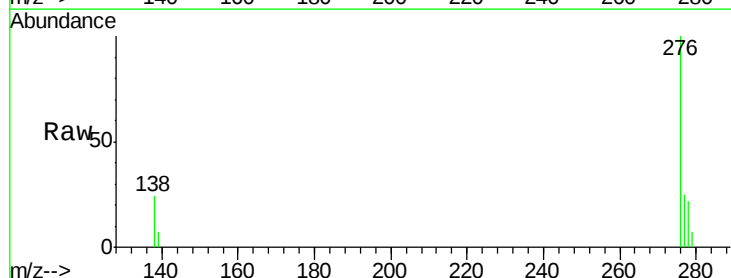
Concen: 0.404 ng/ul m

RT: 26.55 min Scan# 4332

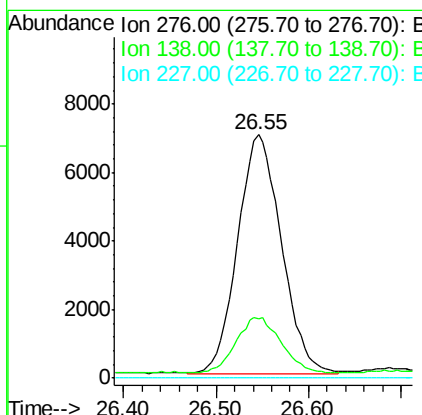
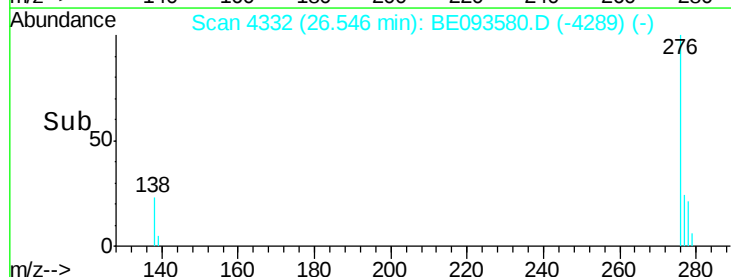
Delta R.T. -0.01 min

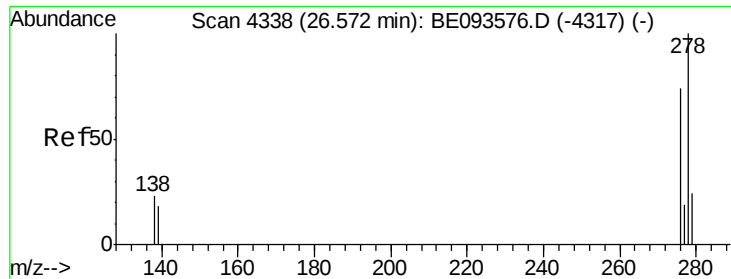
Lab File: BE093580.D

Acq: 25 Jul 2017 16:50



Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.6	28.0	42.0#
227	0.0	8.0	12.0#





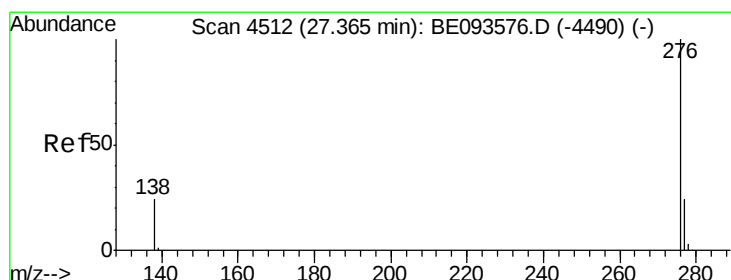
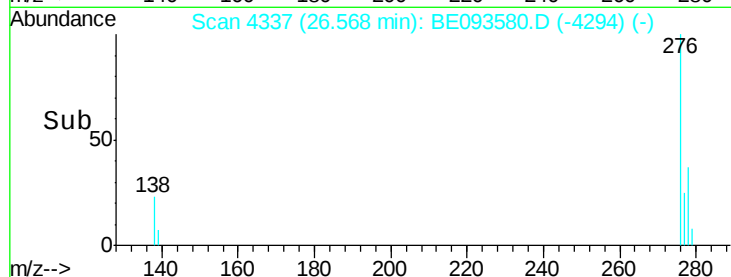
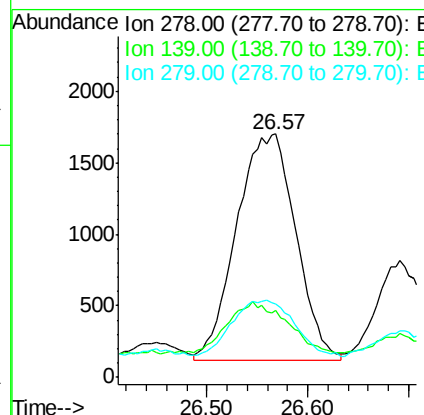
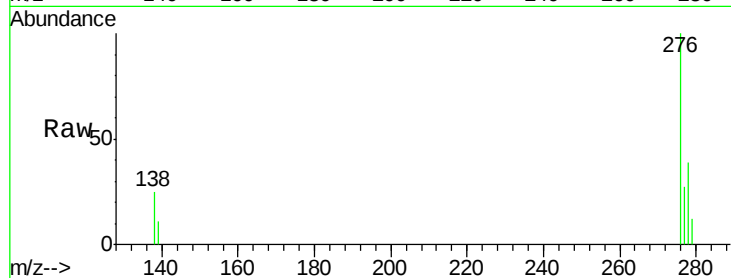
#25
Dibenzo(a,h)anthracene
Concen: 0.134 ng/ul m
RT: 26.57 min Scan# 4337
Delta R.T. -0.01 min
Lab File: BE093580.D
Acq: 25 Jul 2017 16:50

Instrument :
BNA_E
ClientSampleId :
C0B00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.6	17.4	26.0#
279	30.2	25.9	38.9

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM



#26
Benzo(g,h,i)perylene
Concen: 0.436 ng/ul m
RT: 27.36 min Scan# 4511
Delta R.T. -0.01 min
Lab File: BE093580.D
Acq: 25 Jul 2017 16:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	21.8	32.8
277	25.3	20.5	30.7

