

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094598.D
 Acq On : 27 Oct 2017 16:26
 Operator : SJ/JU
 Sample : I5719-07 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-25(0.5-1.5)-100517

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:36:51 PM

Quant Time: Oct 30 01:21:19 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 01:11:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1128	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6409	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3678	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8141	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	7910	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	8961	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	498	0.05	ng/ul	-0.01
14) Fluoranthene-d10	19.29	212	1076	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	4597	0.293	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	2312	0.211	ng/ul	97
7) Acenaphthylene	14.24	152	5214	0.313	ng/ul#	93
8) Acenaphthene	14.58	153	10213	0.854	ng/ul	97
9) Fluorene	15.57	166	10778	0.803	ng/ul	92
12) Phenanthrene	17.29	178	341535	15.883	ng/ul#	87
13) Anthracene	17.39	178	86585	4.080	ng/ul	92
15) Fluoranthene	19.32	202	935177	37.618	ng/ul	84
17) Pyrene	19.68	202	860431	35.187	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	656457	29.031	ng/ul#	87
19) Chrysene	21.47	228	598555	25.609	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	901610m	35.769	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	286684m	10.613	ng/ul	
23) Benzo(a)pyrene	23.86	252	676677	26.856	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.69	276	373949	14.343	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.67	278	94133	4.285	ng/ul	97
26) Benzo(a,h,i)perylene	27.53	276	307385	14.683	ng/ul	96

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

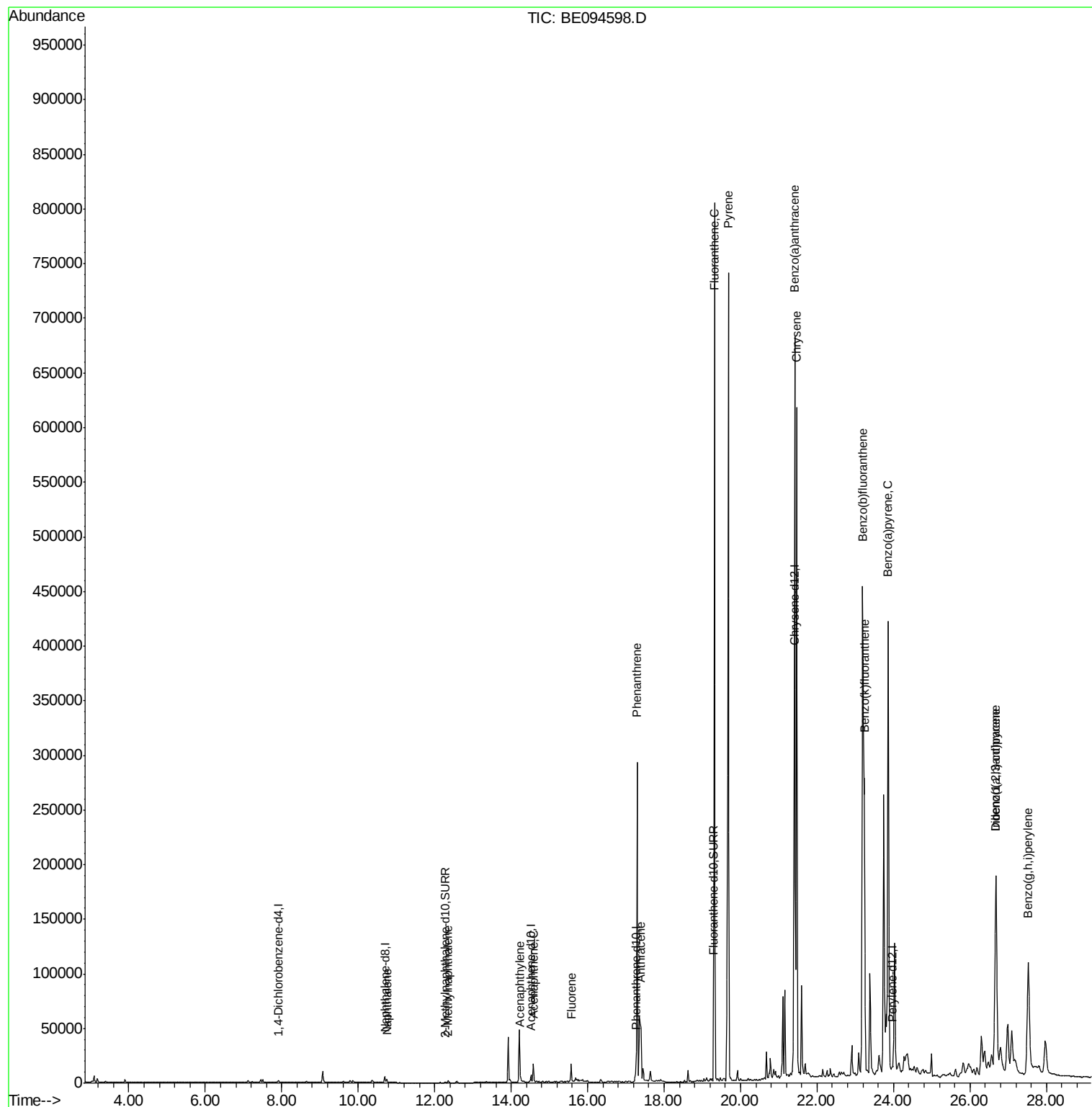
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094598.D
Acq On : 27 Oct 2017 16:26
Operator : SJ/JU
Sample : I5719-07 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

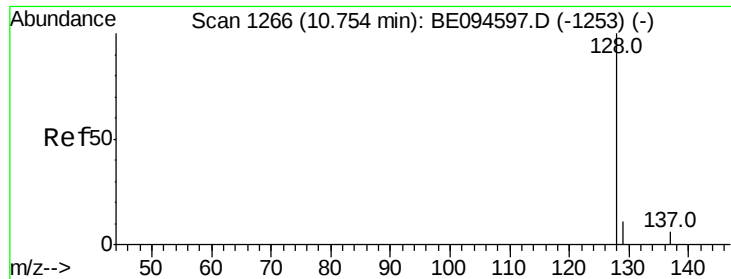
Instrument :
BNA_E
ClientSampleId :
B-25(0.5-1.5)-100517

Manual Integrations
APPROVED

Sohil
10/30/2017 6:36:51 PM

Quant Time: Oct 30 01:21:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 01:11:00 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.293 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094598.D

Acq: 27 Oct 2017 16:26

Instrument :

BNA_E

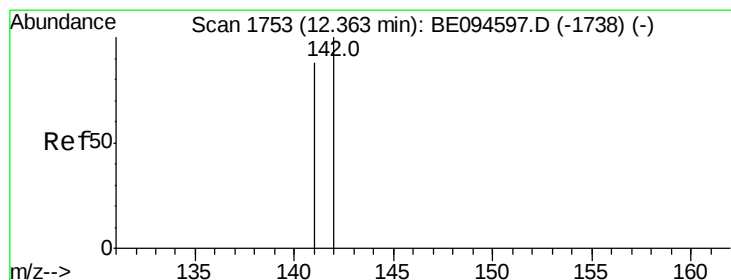
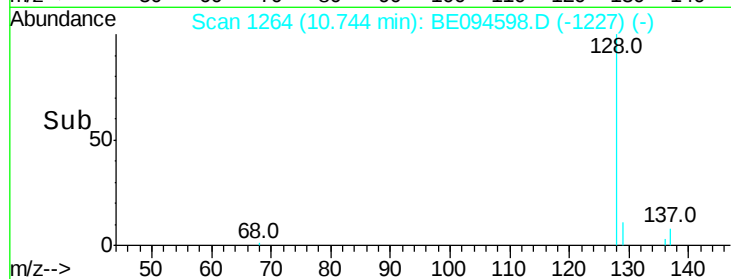
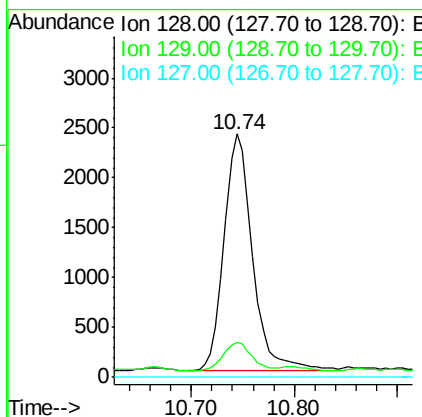
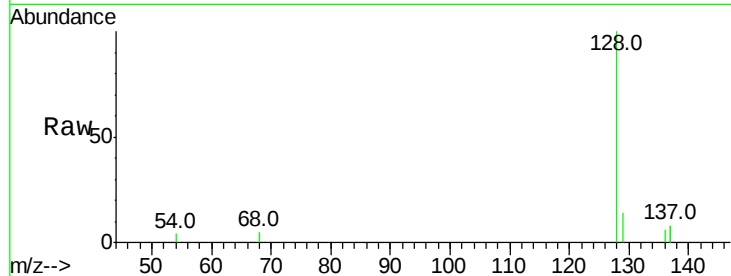
ClientSampleId :

B-25(0.5-1.5)-100517

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.2	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
APPROVED

Sohil
10/30/2017 6:36:51 PM



#5

2-Methylnaphthalene

Concen: 0.211 ng/ul

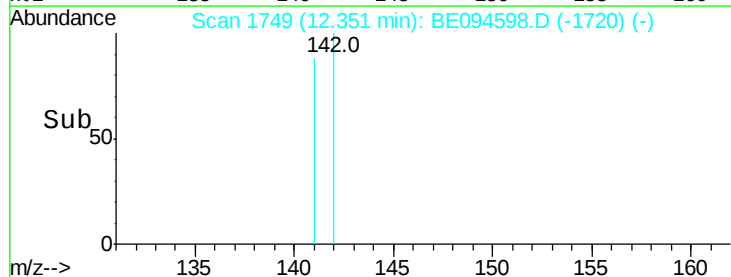
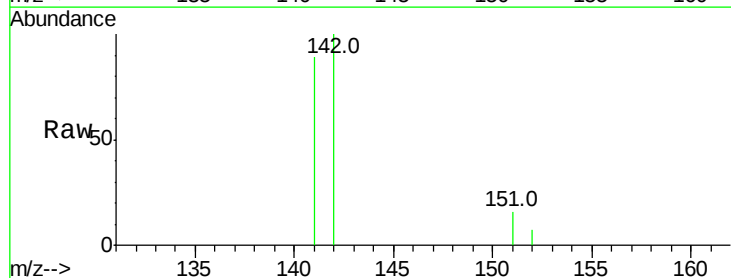
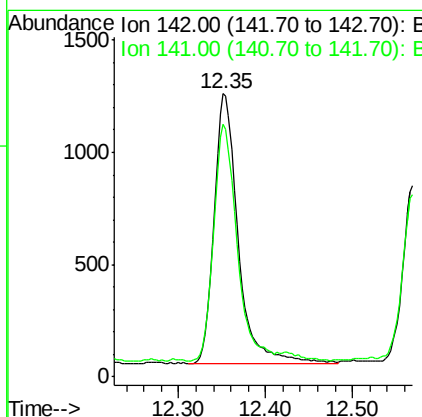
RT: 12.35 min Scan# 1749

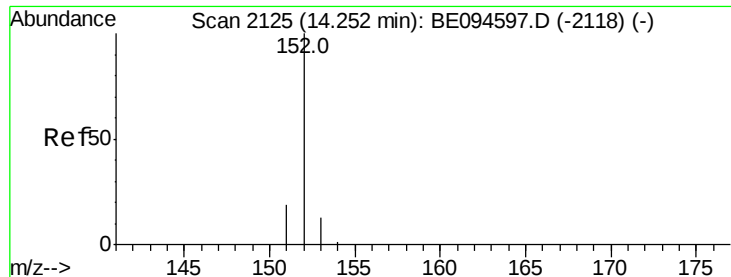
Delta R.T. -0.01 min

Lab File: BE094598.D

Acq: 27 Oct 2017 16:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.313 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094598.D

Acq: 27 Oct 2017 16:26

Instrument :

BNA_E

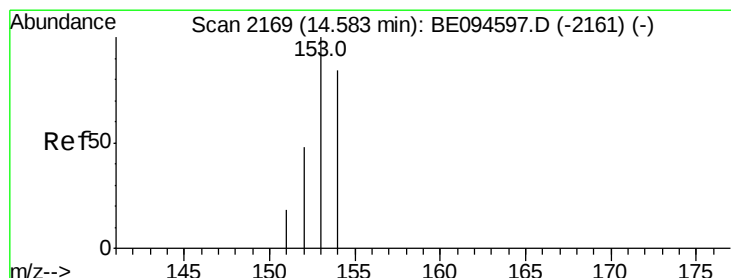
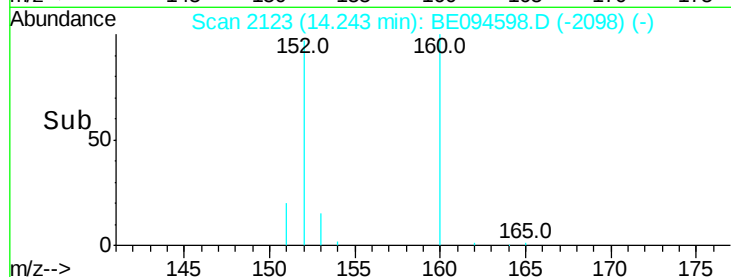
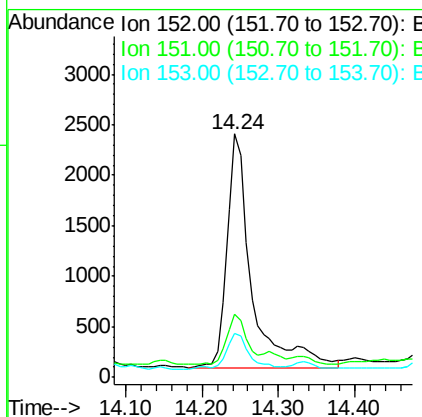
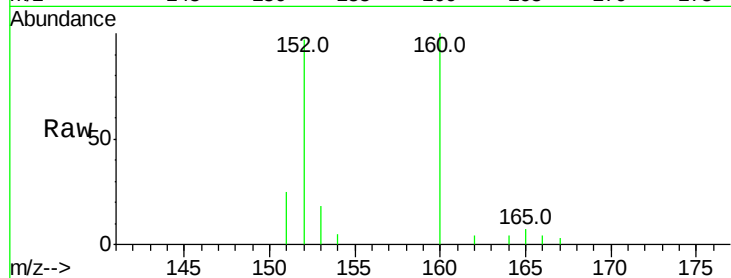
ClientSampleId :

B-25(0.5-1.5)-100517

Tot Ion:	152	Resp:	5214
Ion Ratio	Lower	Upper	
152	100		
151	25.7	17.1	25.7#
153	18.1	12.8	19.2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:36:51 PM



#8

Acenaphthene

Concen: 0.854 ng/ul

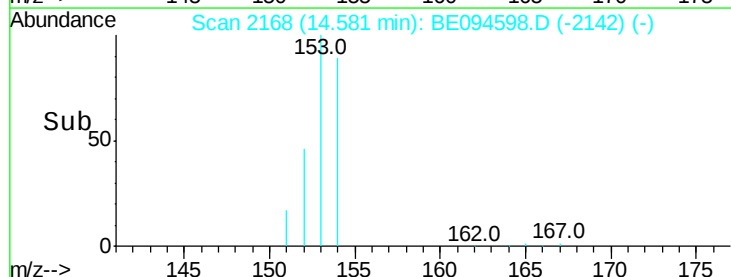
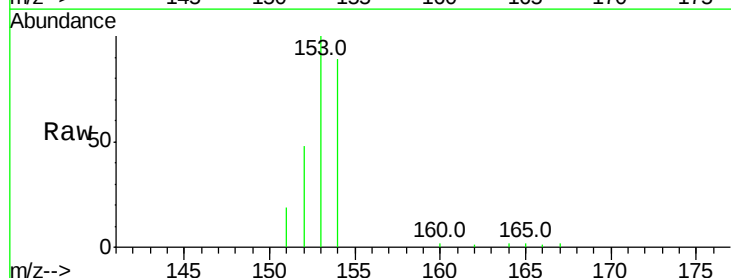
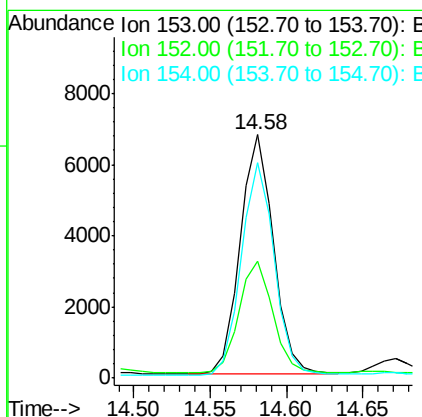
RT: 14.58 min Scan# 2168

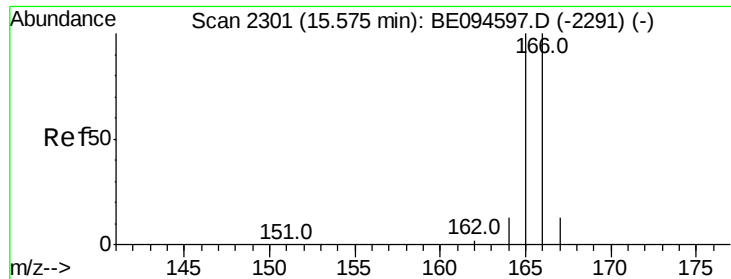
Delta R.T. -0.00 min

Lab File: BE094598.D

Acq: 27 Oct 2017 16:26

Tgt Ion:	153	Resp:	10213
Ion Ratio	Lower	Upper	
153	100		
152	47.9	36.0	54.0
154	88.5	72.0	108.0





#9

Fluorene

Concen: 0.803 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094598.D

Acq: 27 Oct 2017 16:26

Instrument :

BNA_E

ClientSampleId :

B-25(0.5-1.5)-100517

Tot Ion:166 Resp: 10778

Ion Ratio Lower Upper

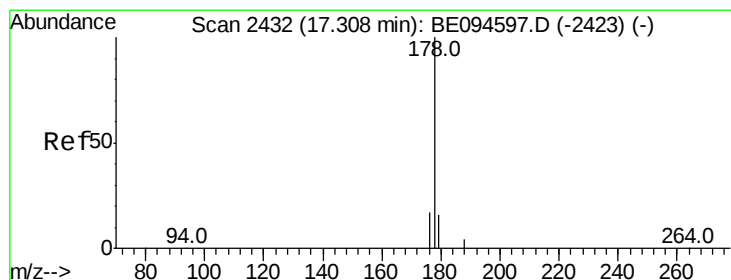
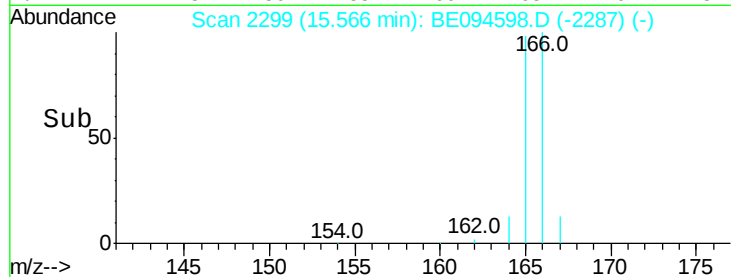
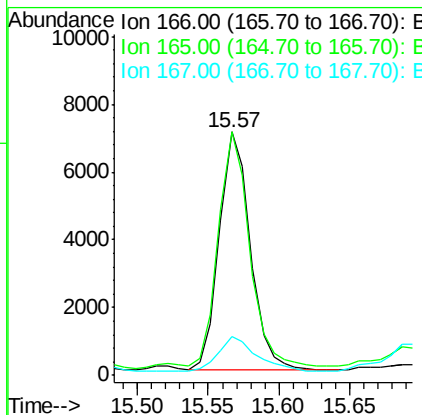
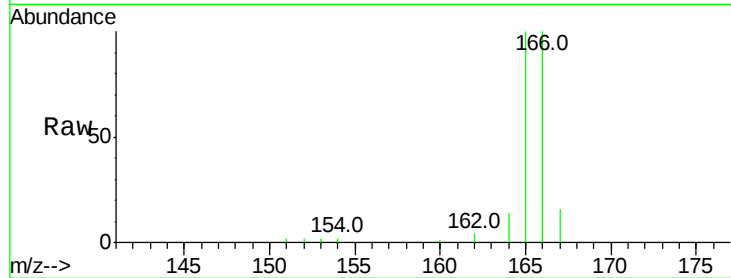
166 100

165 100.0 73.4 110.2

167 15.9 14.6 22.0

Manual Integrations
APPROVED

Sohil
10/30/2017 6:36:51 PM



#12

Phenanthrene

Concen: 15.883 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094598.D

Acq: 27 Oct 2017 16:26

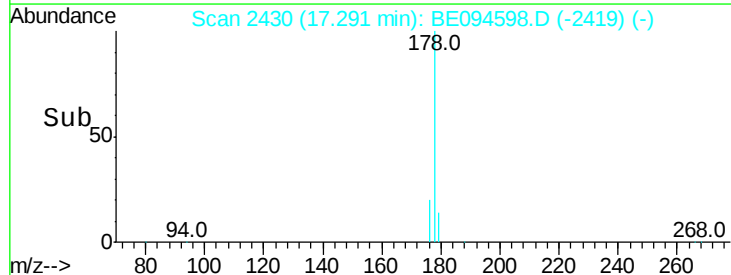
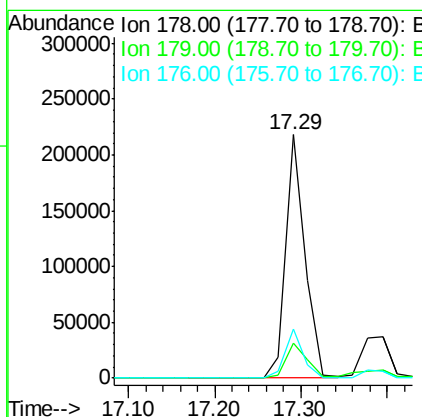
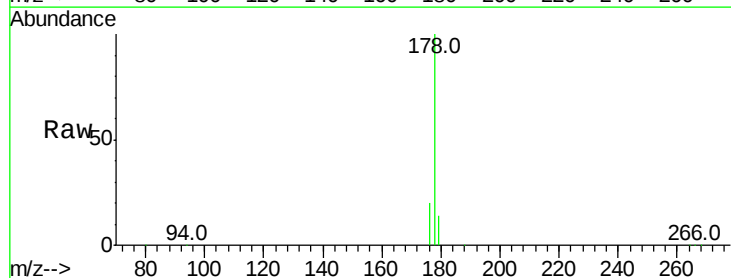
Tgt Ion:178 Resp: 341535

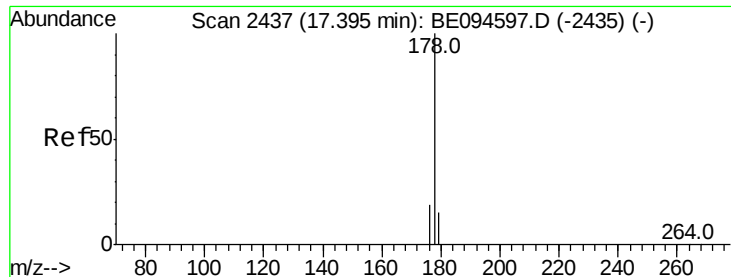
Ion Ratio Lower Upper

178 100

179 14.4 18.4 27.6#

176 20.0 13.6 20.4





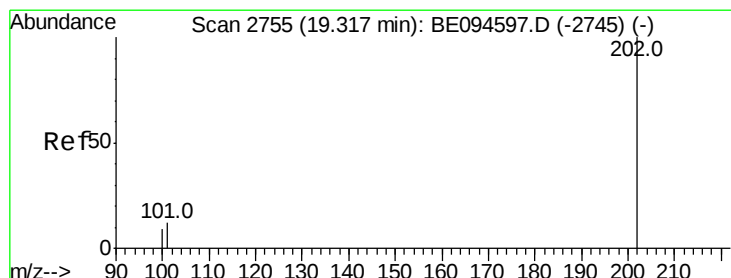
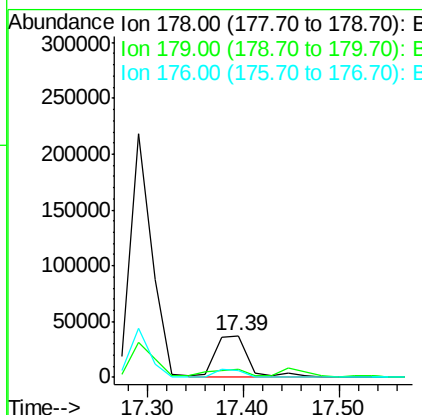
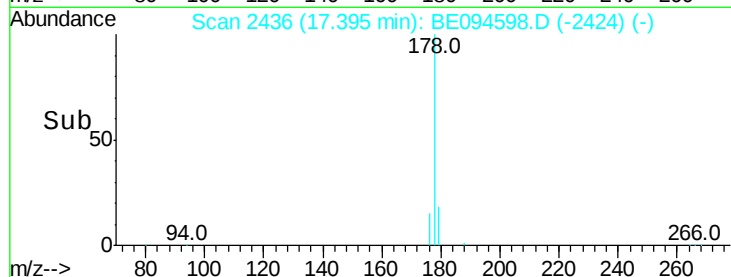
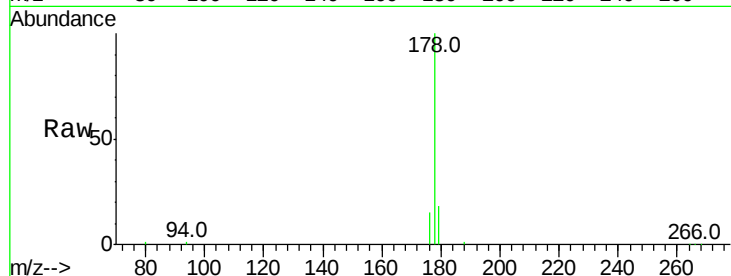
#13
 Anthracene
 Concen: 4.080 ng/ul
 RT: 17.39 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE094598.D
 Acq: 27 Oct 2017 16:26

Instrument :
 BNA_E
 ClientSampleId :
 B-25(0.5-1.5)-100517

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.2	18.1	27.1
176	15.2	14.7	22.1

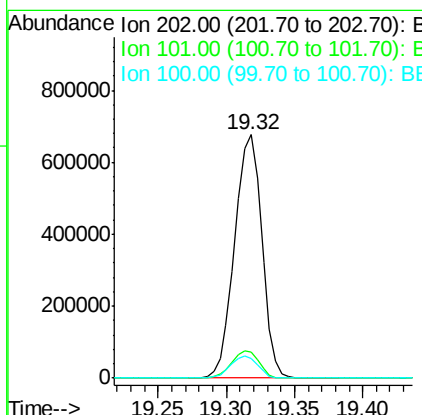
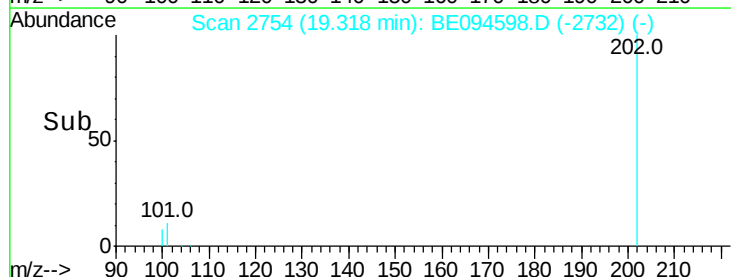
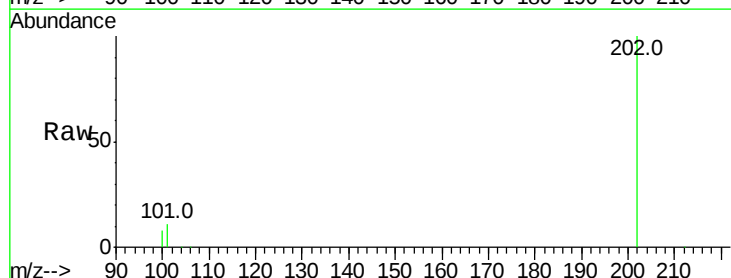
Manual Integrations
 APPROVED

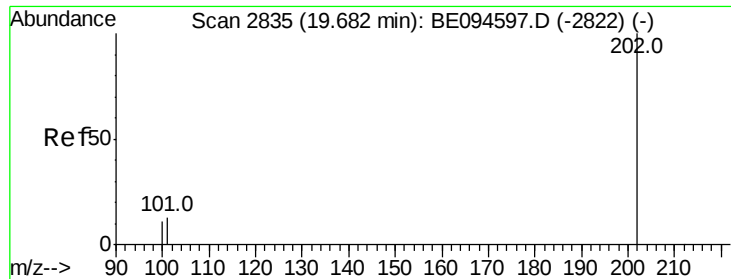
Sohil
 10/30/2017 6:36:51 PM



#15
 Fluoranthene
 Concen: 37.618 ng/ul
 RT: 19.32 min Scan# 2754
 Delta R.T. 0.00 min
 Lab File: BE094598.D
 Acq: 27 Oct 2017 16:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
100	8.3	0.0	39.5





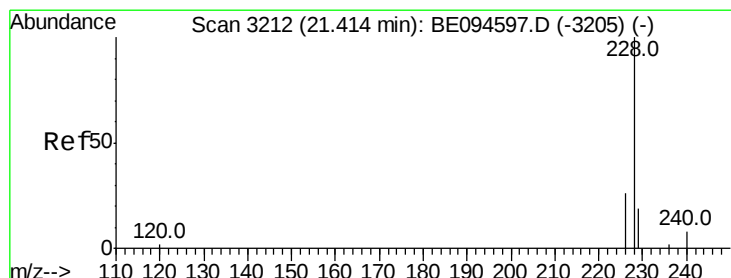
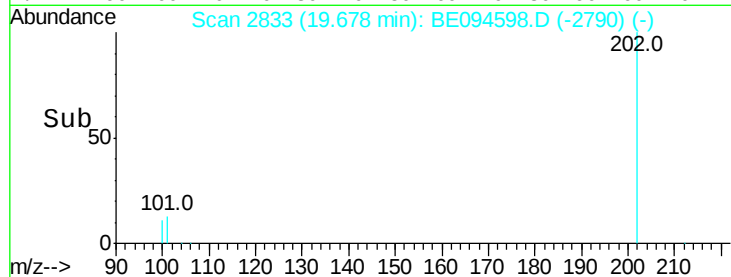
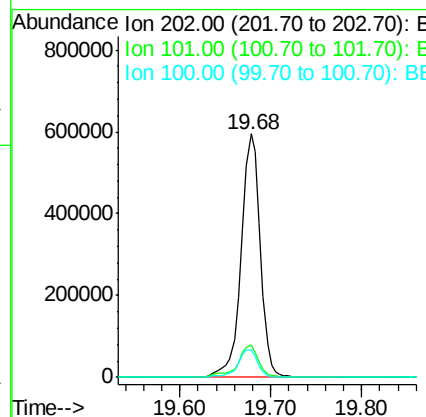
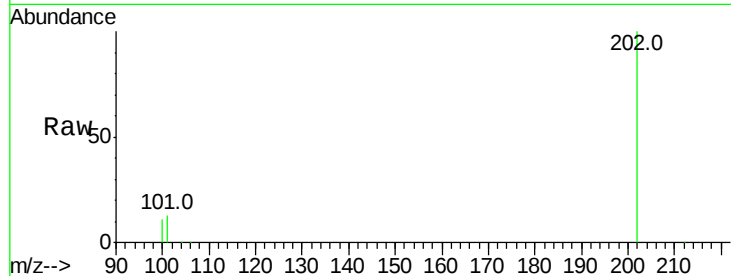
#17
Pvrene
Concen: 35.187 ng/ul
RT: 19.68 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094598.D
Acq: 27 Oct 2017 16:26

Instrument :
BNA_E
ClientSampleId :
B-25(0.5-1.5)-100517

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	11.3	15.6	23.4#

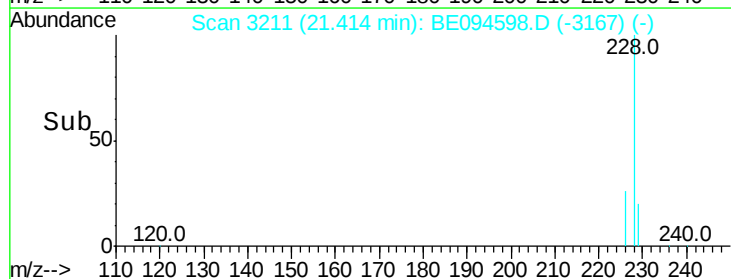
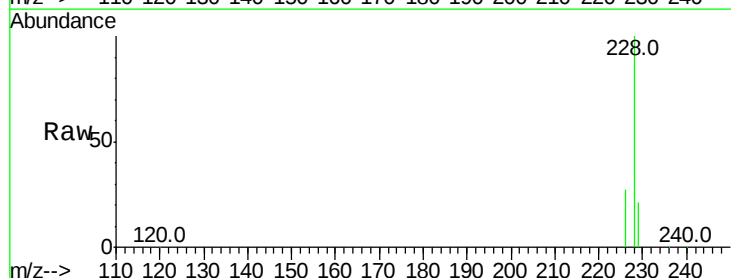
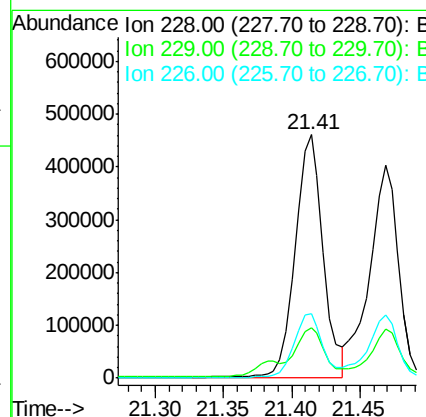
Manual Integrations
APPROVED

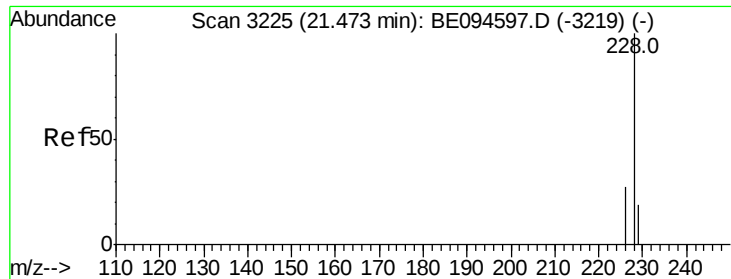
Sohil
10/30/2017 6:36:51 PM



#18
Benzo(a)anthracene
Concen: 29.031 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE094598.D
Acq: 27 Oct 2017 16:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	26.6	17.0	25.6#





#19

Chrysene

Concen: 25.609 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094598.D

Acq: 27 Oct 2017 16:26

Instrument :

BNA_E

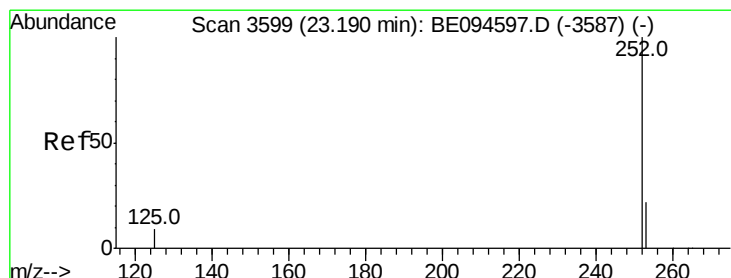
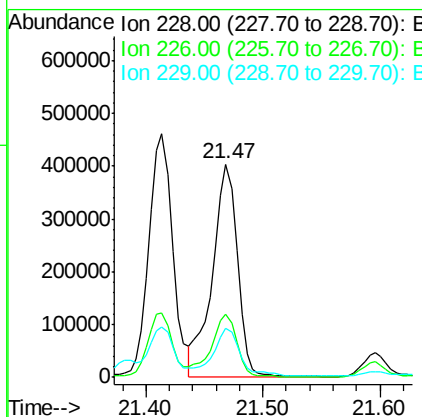
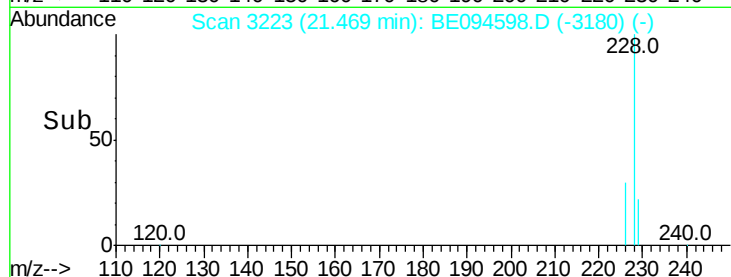
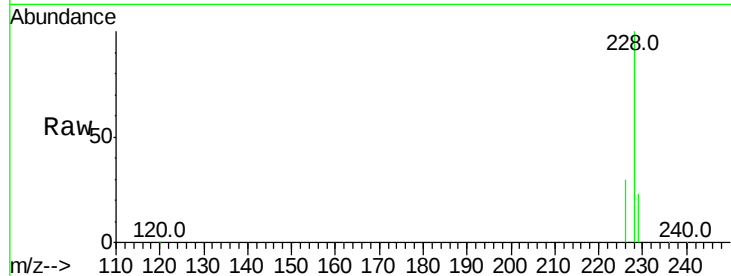
ClientSampleId :

B-25(0.5-1.5)-100517

Tot Ion:	228	Resp:	598555
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.0
229	22.9	17.7	26.5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:36:51 PM



#21

Benzo(b)fluoranthene

Concen: 35.769 ng/ul m

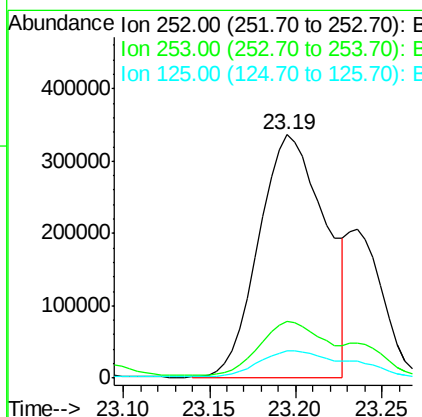
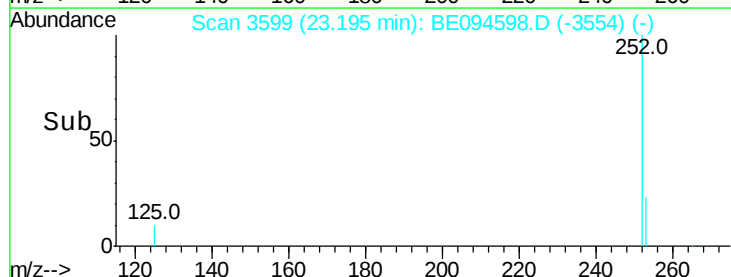
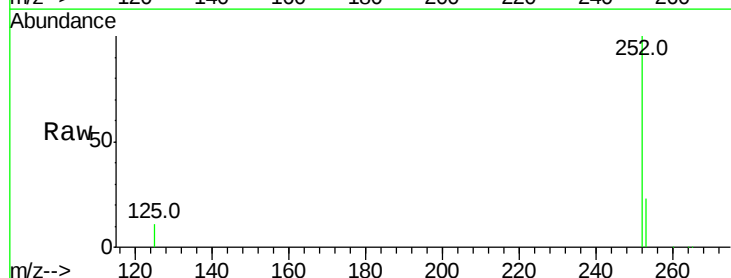
RT: 23.19 min Scan# 3599

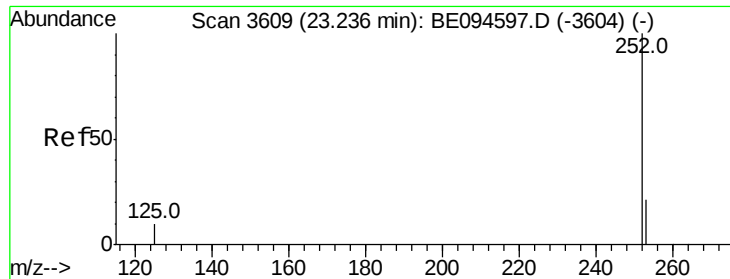
Delta R.T. 0.00 min

Lab File: BE094598.D

Acq: 27 Oct 2017 16:26

Tgt Ion:	252	Resp:	901610
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	11.1	0.0	35.0





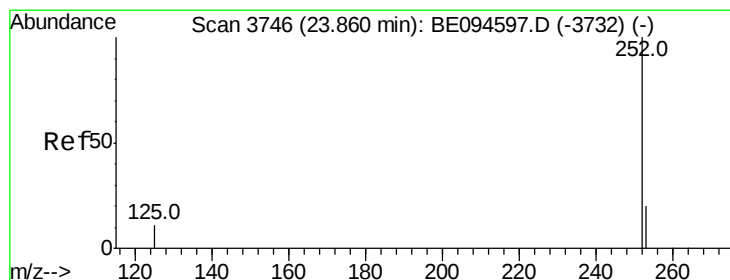
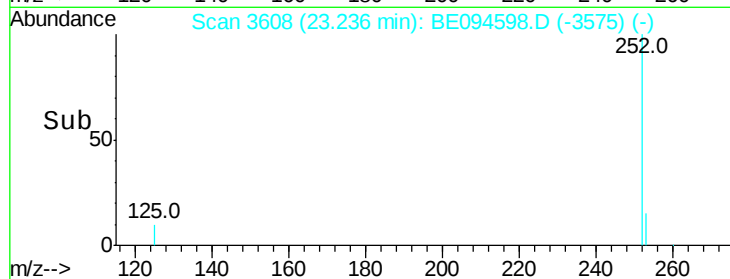
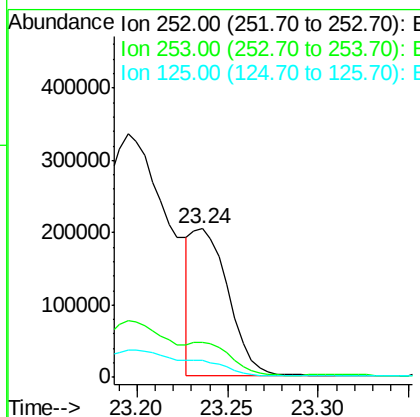
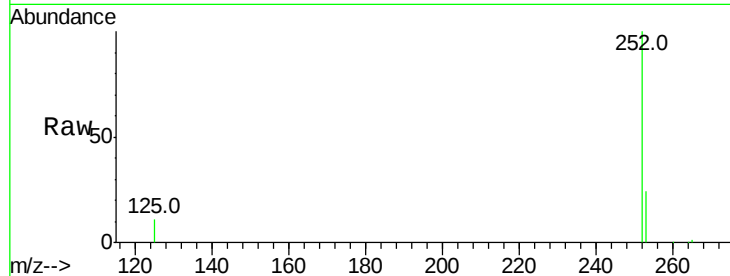
#22
Benzo(k)fluoranthene
Concen: 10.613 ng/ul m
RT: 23.24 min Scan# 3608
Delta R.T. -0.00 min
Lab File: BE094598.D
Acq: 27 Oct 2017 16:26

Instrument :
BNA_E
ClientSampleId :
B-25(0.5-1.5)-100517

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	11.2	13.7	20.5#

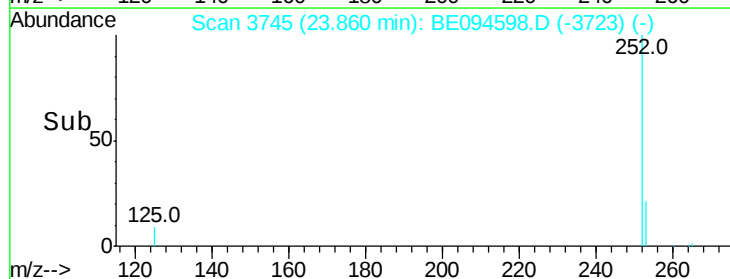
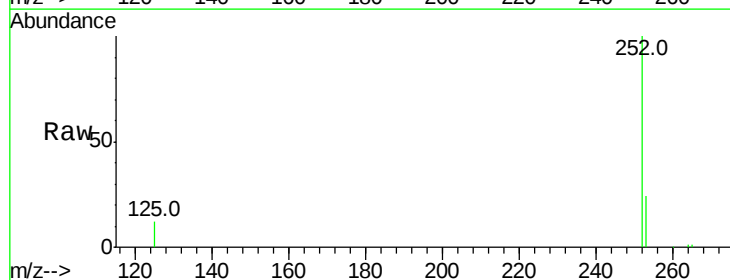
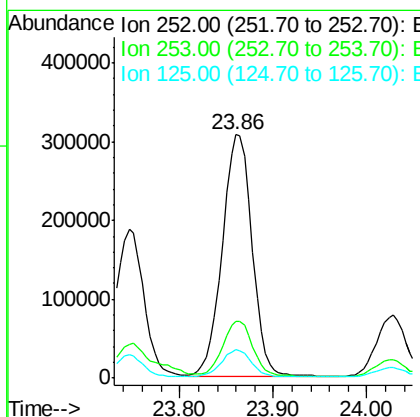
Manual Integrations
APPROVED

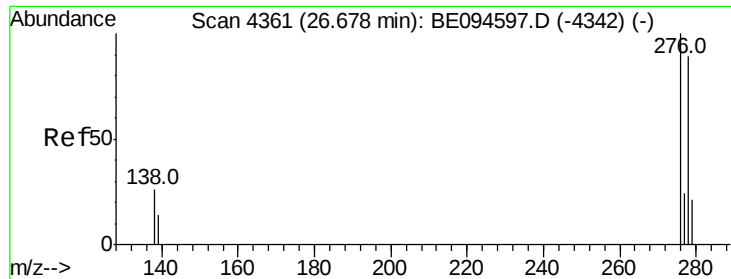
Sohil
10/30/2017 6:36:51 PM



#23
Benzo(a)pyrene
Concen: 26.856 ng/ul
RT: 23.86 min Scan# 3745
Delta R.T. -0.00 min
Lab File: BE094598.D
Acq: 27 Oct 2017 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	11.7	18.1	27.1#





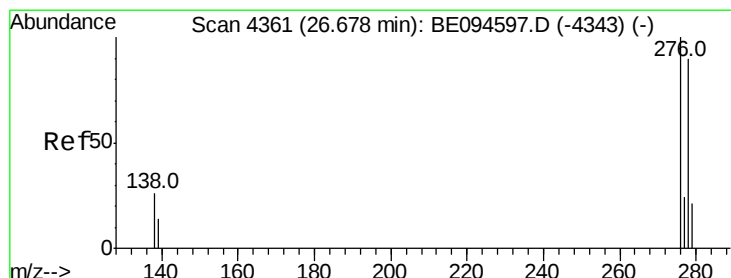
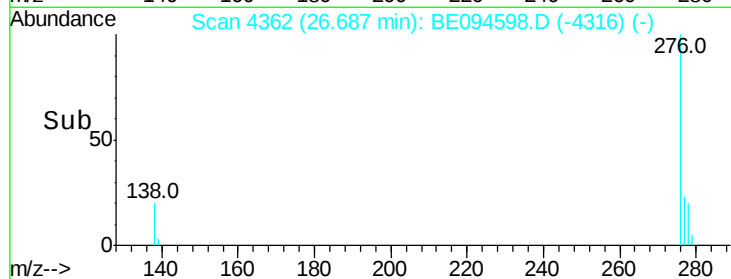
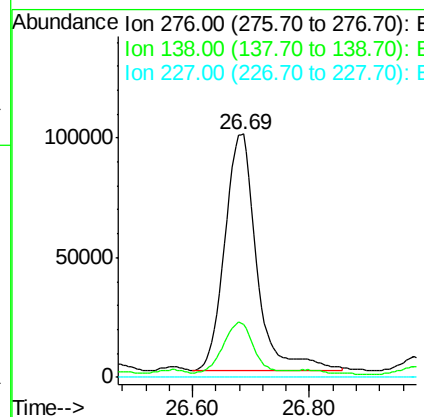
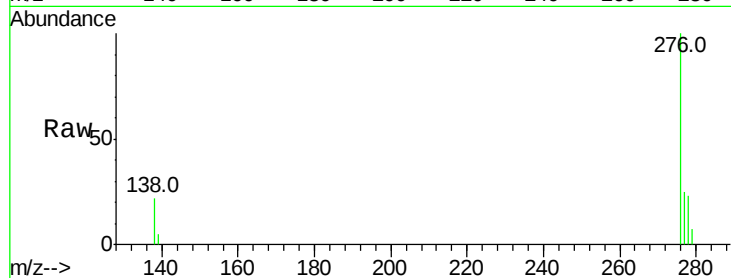
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 14.343 ng/ul
 RT: 26.69 min Scan# 4362
 Delta R.T. 0.01 min
 Lab File: BE094598.D
 Acq: 27 Oct 2017 16:26

Instrument :
 BNA_E
 ClientSampleId :
 B-25(0.5-1.5)-100517

Tot Ion	Ratio	Resp	Lower	Upper
276	100	373949		
138	19.9		28.0	42.0#
227	0.0		8.0	12.0#

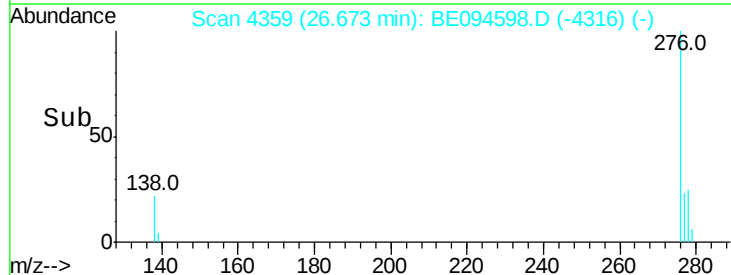
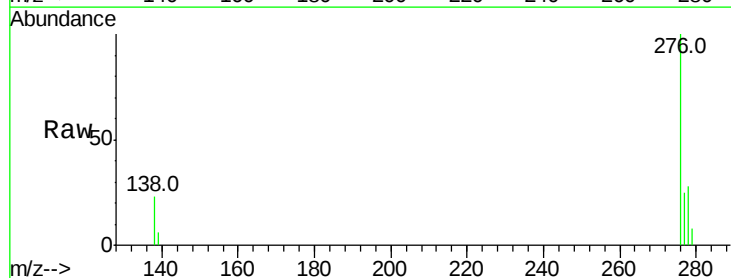
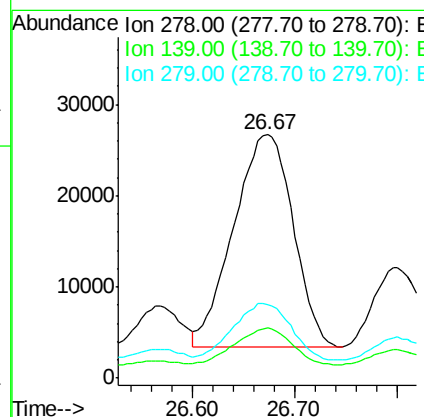
Manual Integrations
 APPROVED

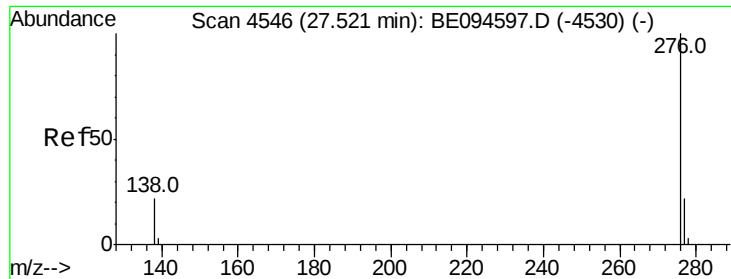
Sohil
 10/30/2017 6:36:51 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 4.285 ng/ul
 RT: 26.67 min Scan# 4359
 Delta R.T. -0.00 min
 Lab File: BE094598.D
 Acq: 27 Oct 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	94133		
139	20.5		17.4	26.0
279	30.4		25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 14.683 ng/ul

RT: 27.53 min Scan# 4546

Delta R.T. 0.00 min

Lab File: BE094598.D

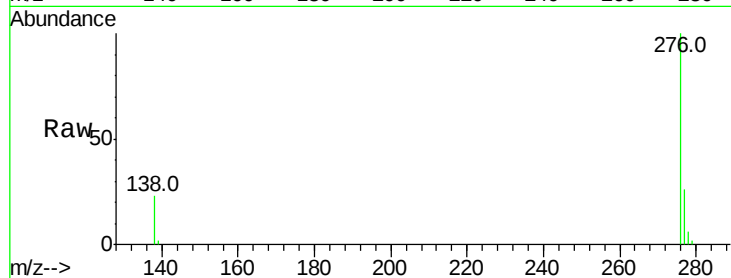
Acq: 27 Oct 2017 16:26

Instrument :

BNA_E

ClientSampleId :

B-25(0.5-1.5)-100517



Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	23.1		21.8	32.8
277	25.5		20.5	30.7

Manual Integrations
APPROVED

Sohil
10/30/2017 6:36:51 PM

