

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094405.D
 Acq On : 15 Oct 2017 22:25
 Operator : SJ/JU
 Sample : I5548-17DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:42 PM

Quant Time: Oct 16 08:20:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 07:45:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1912	0.40	ng/ul	0.01
2) Naphthalene-d8	10.71	136	10184	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	5652	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.27	188	11668	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	11715	0.40	ng/ul	0.02
20) Perylene-d12	23.99	264	10428	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	677	0.04	ng/ul	0.01
14) Fluoranthene-d10	19.30	212	1567	0.04	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	4692	0.188	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	1115	0.069	ng/ul	96
7) Acenaphthylene	14.26	152	6872	0.312	ng/ul	98
8) Acenaphthene	14.60	153	1840	0.101	ng/ul	96
9) Fluorene	15.58	166	3424	0.161	ng/ul	87
12) Phenanthrene	17.31	178	58313	1.912	ng/ul#	91
13) Anthracene	17.39	178	17794	0.600	ng/ul#	93
15) Fluoranthene	19.33	202	136036	3.396	ng/ul	84
17) Pyrene	19.69	202	124853	3.830	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	72396	2.329	ng/ul#	88
19) Chrysene	21.48	228	75227	2.096	ng/ul#	83
21) Benzo(b)fluoranthene	23.20	252	98982m	3.494	ng/ul	
22) Benzo(k)fluoranthene	23.25	252	38947m	1.189	ng/ul	
23) Benzo(a)pyrene	23.87	252	83836	2.848	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.69	276	58937	1.957	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.68	278	14687	0.581	ng/ul#	27
26) Benzo(a,h,i)perylene	27.54	276	56489	2.175	ng/ul#	82

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

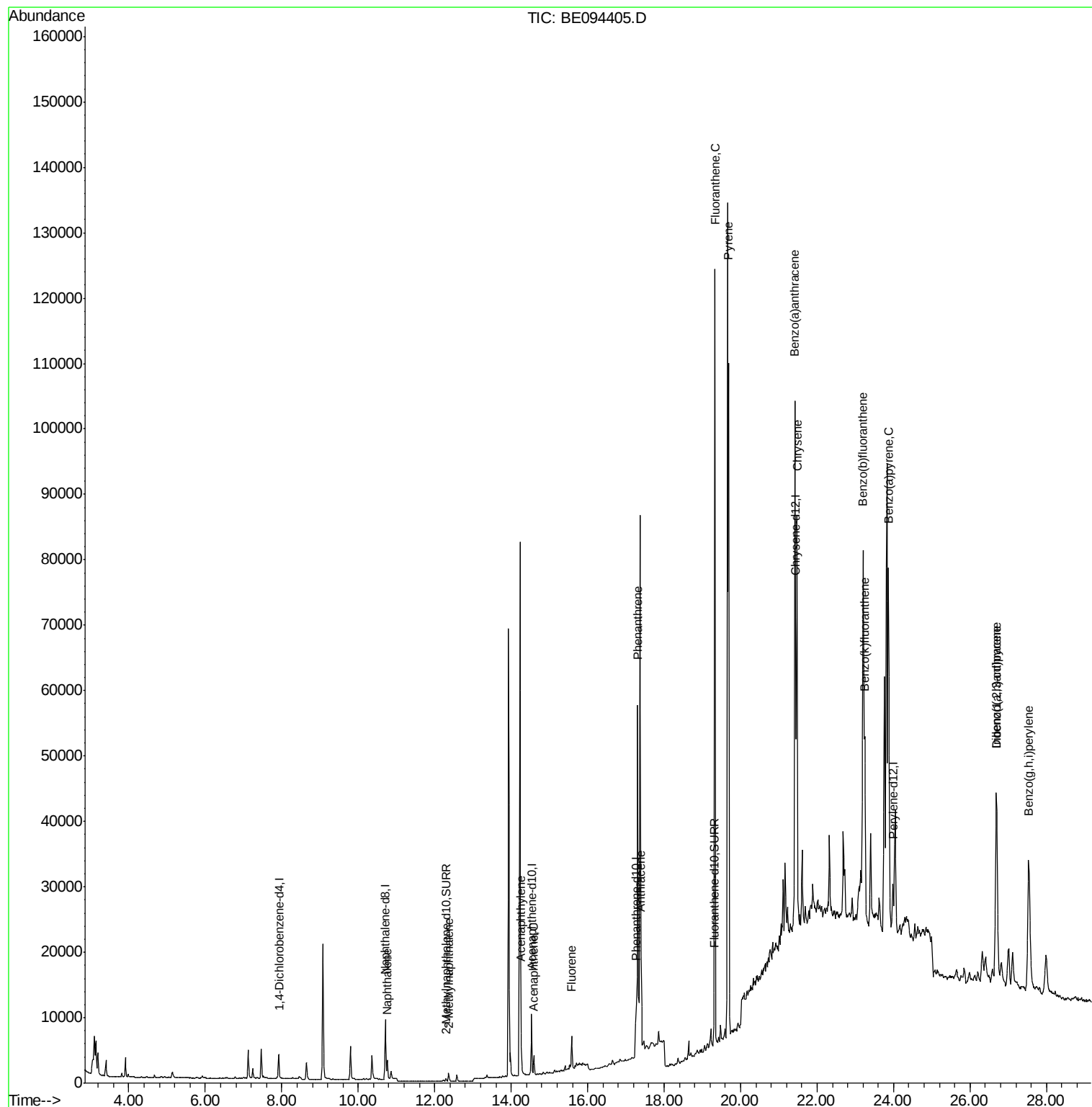
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094405.D
Acq On : 15 Oct 2017 22:25
Operator : SJ/JU
Sample : I5548-17DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

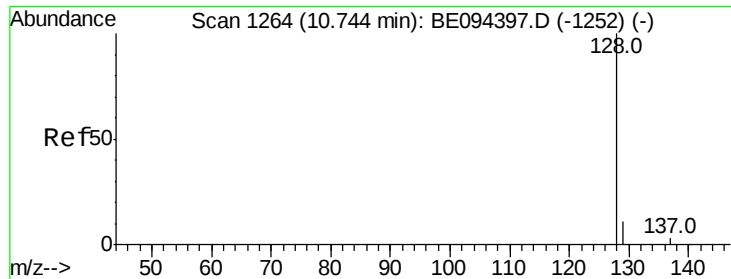
Instrument :
BNA_E
ClientSampled :
C0AF7DL

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:42 PM

Quant Time: Oct 16 08:20:14 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 07:45:00 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.188 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BE094405.D

Acq: 15 Oct 2017 22:25

Instrument :

BNA_E

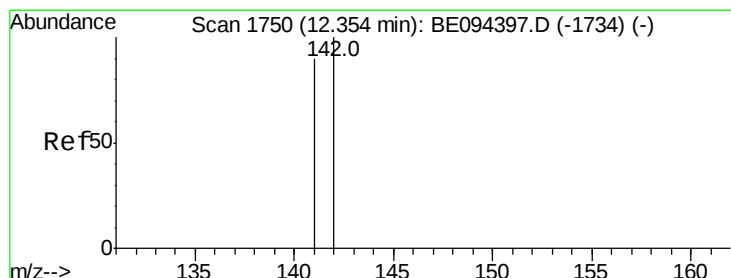
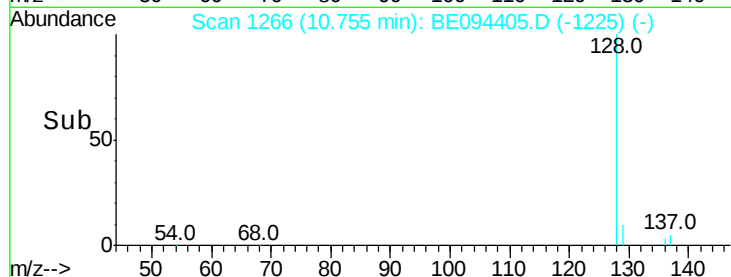
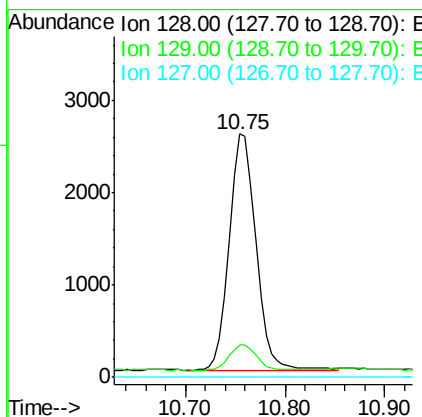
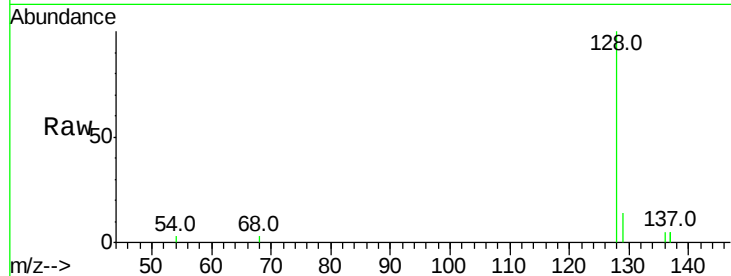
ClientSampleId :

C0AF7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:42 PM



#5

2-Methylnaphthalene

Concen: 0.069 ng/ul

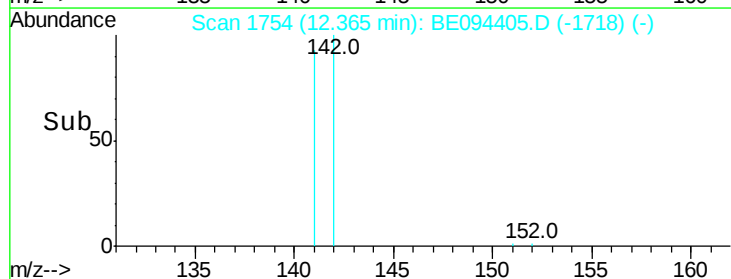
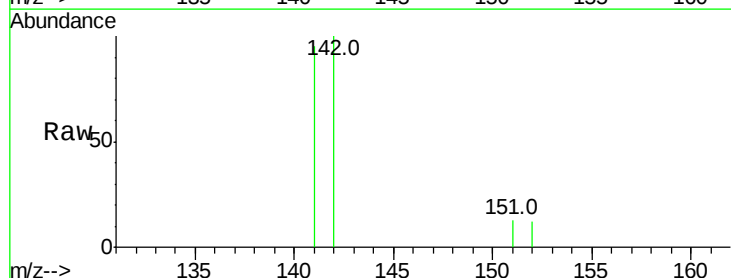
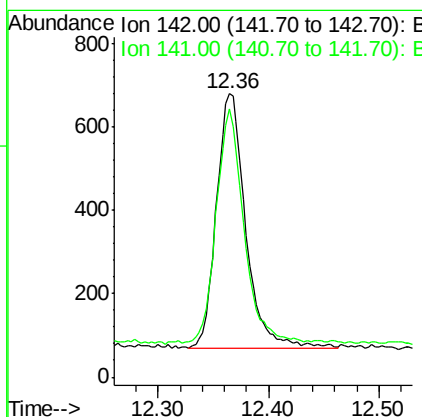
RT: 12.36 min Scan# 1754

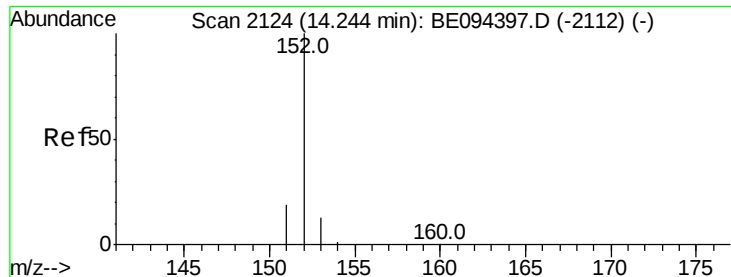
Delta R.T. 0.01 min

Lab File: BE094405.D

Acq: 15 Oct 2017 22:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.312 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094405.D

Acq: 15 Oct 2017 22:25

Instrument :

BNA_E

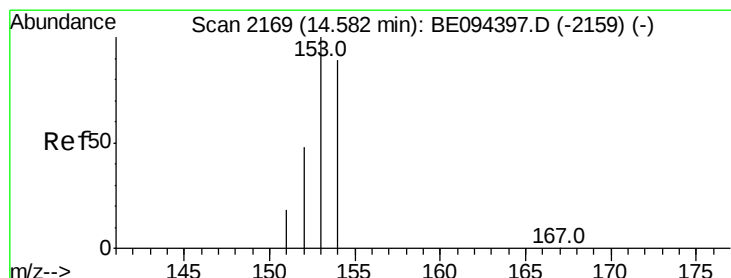
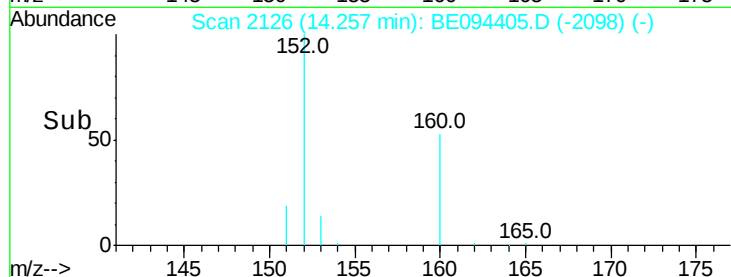
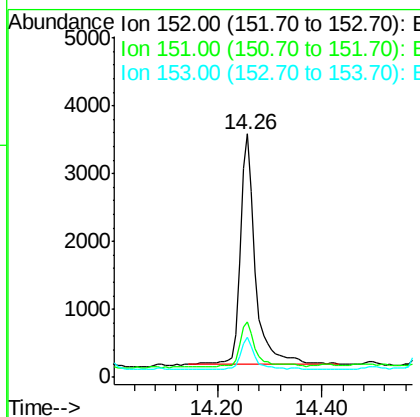
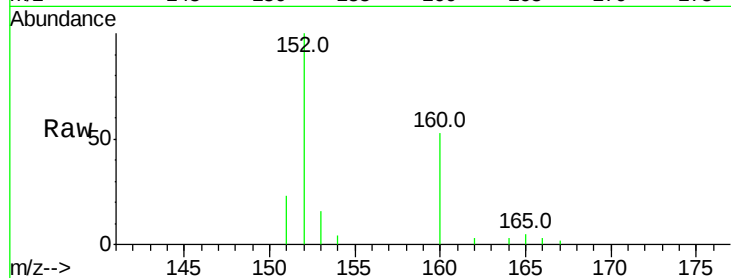
ClientSampleId :

C0AF7DL

Tot Ion:	152	Resp:	6872
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.1	25.7
153	16.2	12.8	19.2

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:42 PM



#8

Acenaphthene

Concen: 0.101 ng/ul

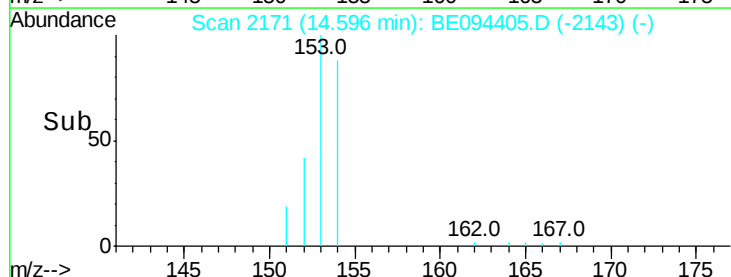
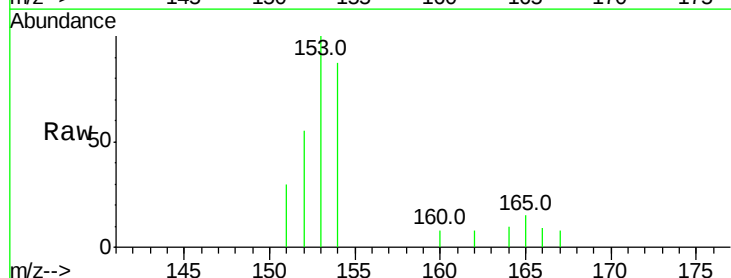
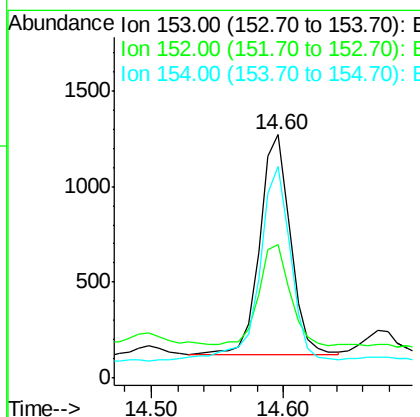
RT: 14.60 min Scan# 2171

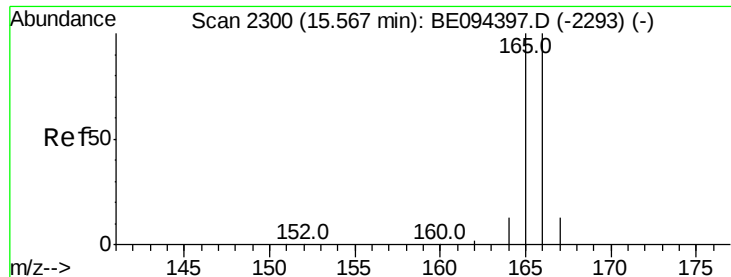
Delta R.T. 0.01 min

Lab File: BE094405.D

Acq: 15 Oct 2017 22:25

Tgt Ion:	153	Resp:	1840
Ion Ratio	Lower	Upper	
153	100		
152	54.6	40.3	60.5
154	87.2	71.4	107.2





#9

Fluorene

Concen: 0.161 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BE094405.D

Acq: 15 Oct 2017 22:25

Instrument :

BNA_E

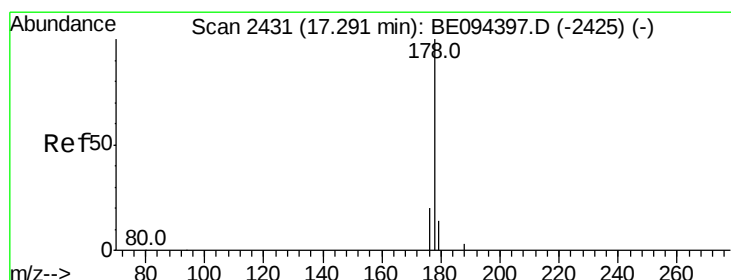
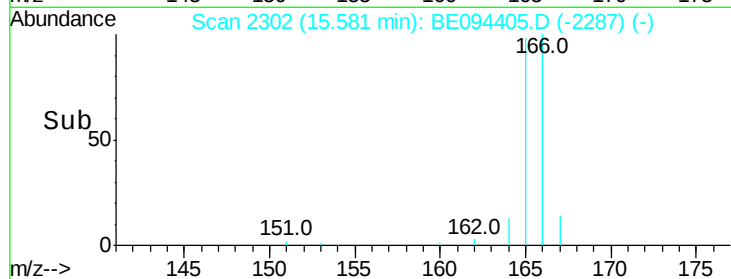
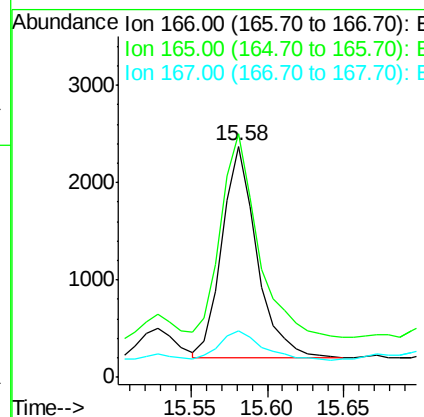
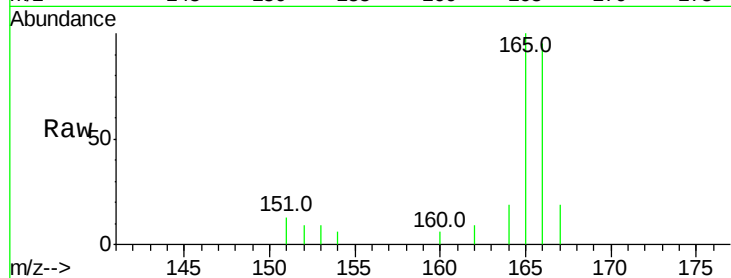
ClientSampleId :

C0AF7DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	105.5	73.4	110.2
167	20.4	14.6	22.0

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:42 PM



#12

Phenanthrene

Concen: 1.912 ng/ul

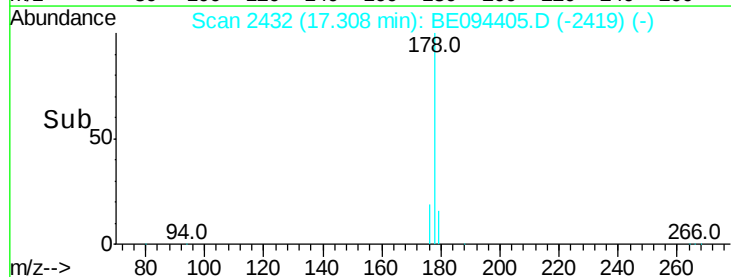
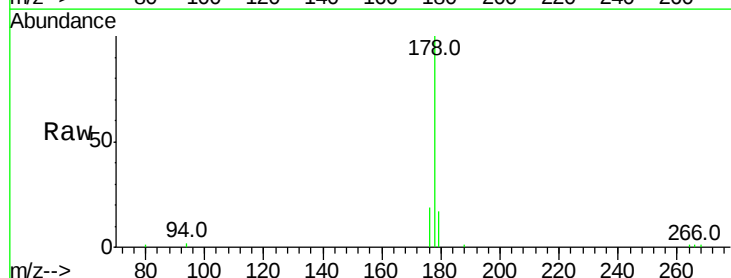
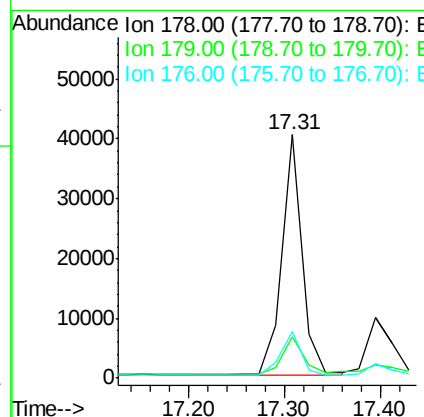
RT: 17.31 min Scan# 2432

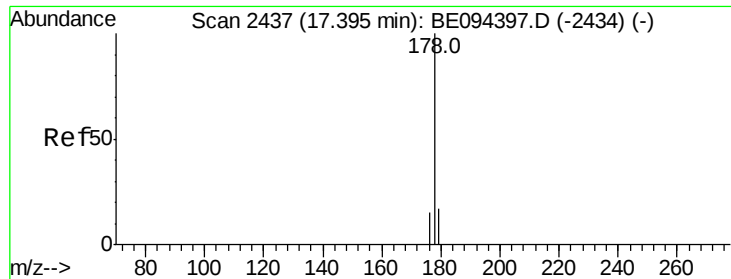
Delta R.T. 0.02 min

Lab File: BE094405.D

Acq: 15 Oct 2017 22:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	19.2	13.6	20.4





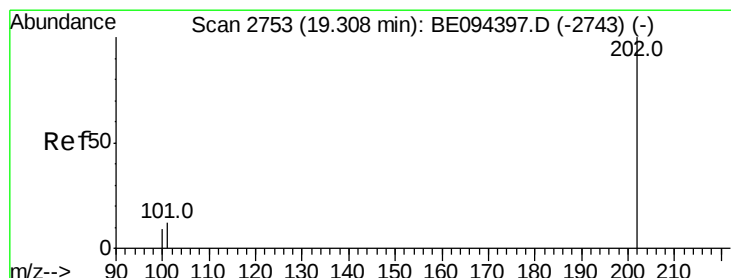
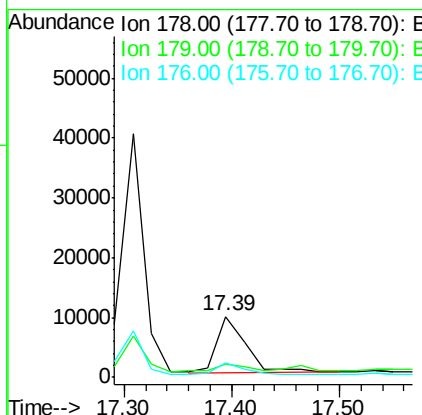
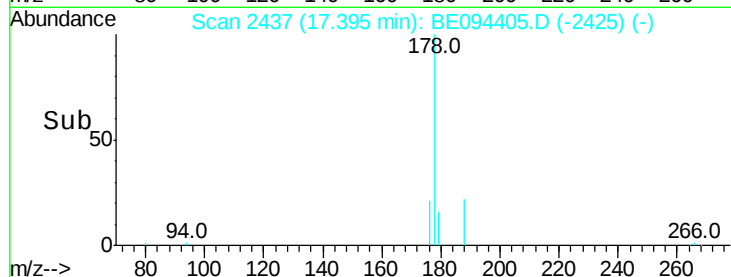
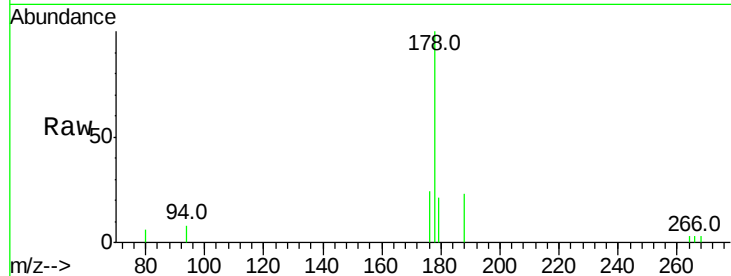
#13
 Anthracene
 Concen: 0.600 ng/ul
 RT: 17.39 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BE094405.D
 Acq: 15 Oct 2017 22:25

Instrument :
 BNA_E
 ClientSampleId :
 C0AF7DL

Tot Ion:178 Resp: 17794
 Ion Ratio Lower Upper
 178 100
 179 21.3 18.1 27.1
 176 23.7 14.7 22.1#

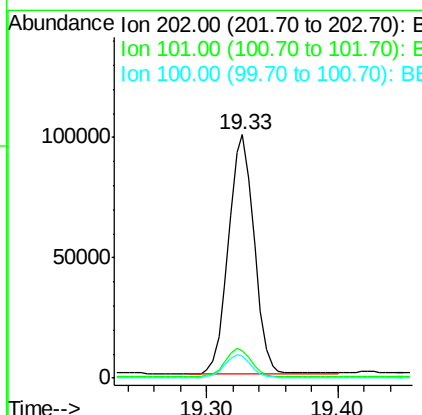
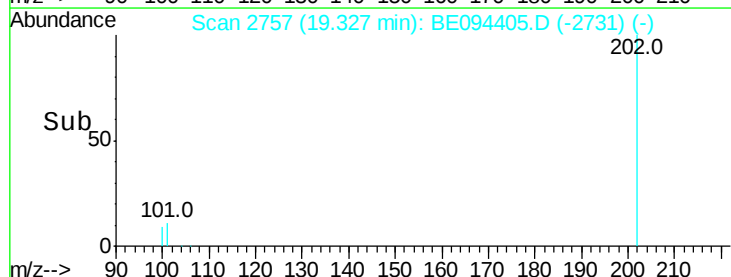
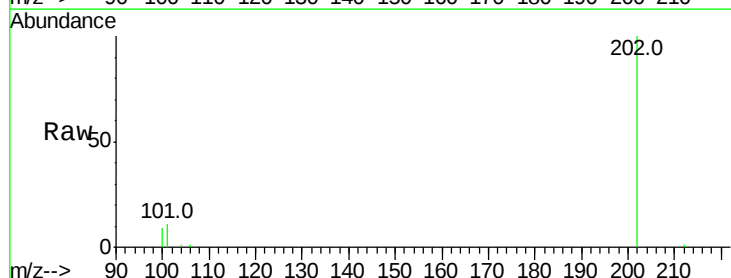
Manual Integrations
 APPROVED

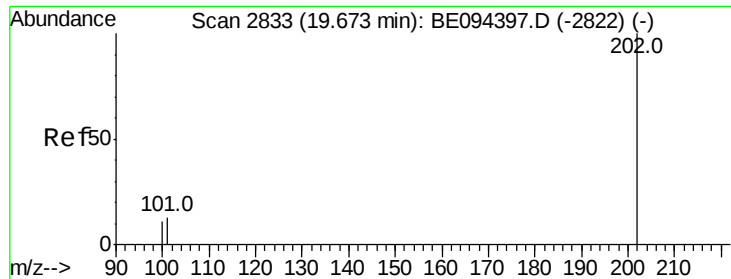
Sohil
 10/16/2017 8:26:42 PM



#15
 Fluoranthene
 Concen: 3.396 ng/ul
 RT: 19.33 min Scan# 2757
 Delta R.T. 0.02 min
 Lab File: BE094405.D
 Acq: 15 Oct 2017 22:25

Tgt Ion:202 Resp: 136036
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.3
 100 8.9 0.0 39.5





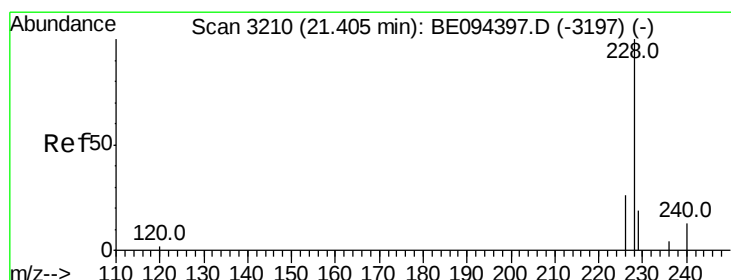
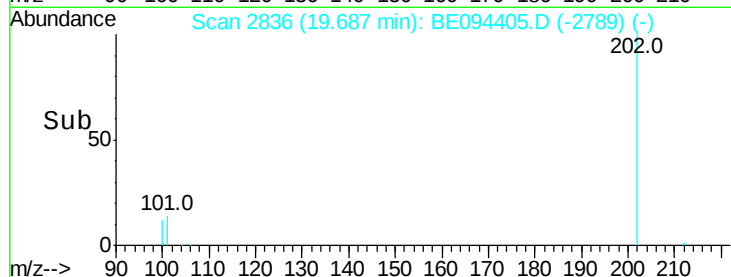
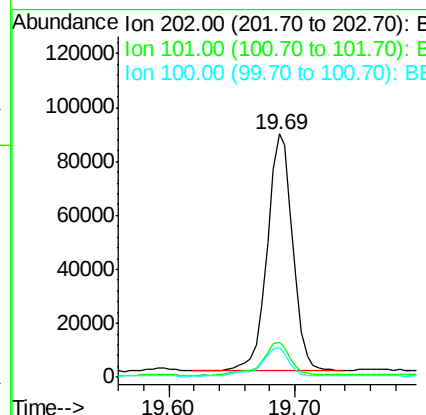
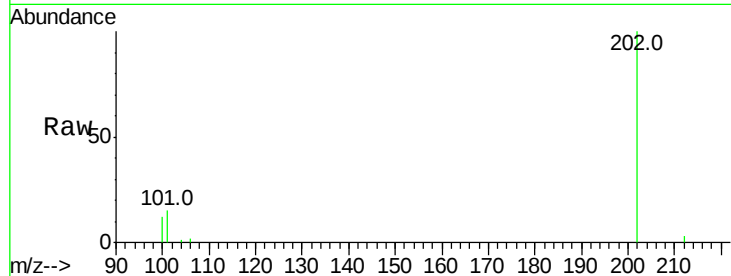
#17
Pvrene
Concen: 3.830 ng/ul
RT: 19.69 min Scan# 2836
Delta R.T. 0.01 min
Lab File: BE094405.D
Acq: 15 Oct 2017 22:25

Instrument :
BNA_E
ClientSampleId :
C0AF7DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.5	18.2	27.4#
100	12.2	15.6	23.4#

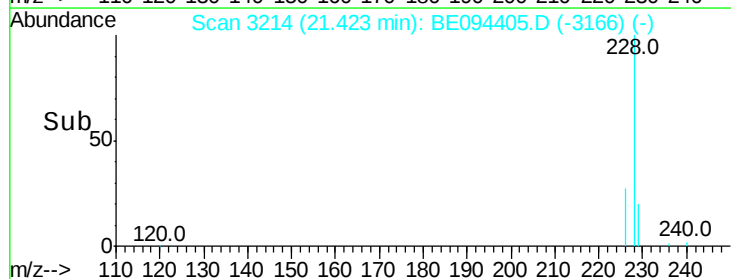
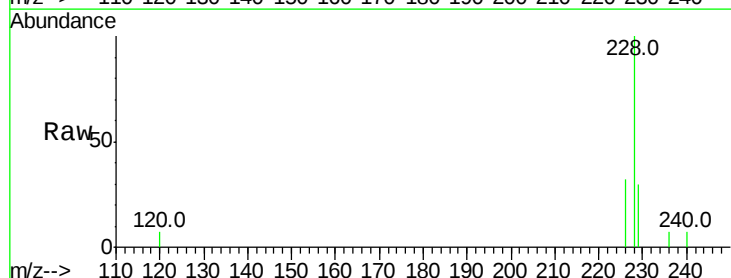
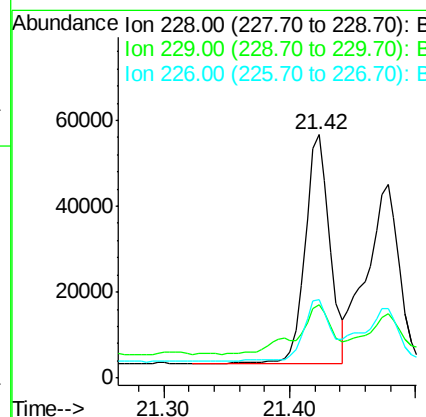
Manual Integrations
APPROVED

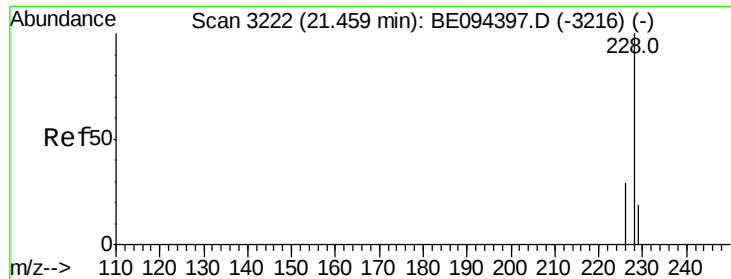
Sohil
10/16/2017 8:26:42 PM



#18
Benzo(a)anthracene
Concen: 2.329 ng/ul
RT: 21.42 min Scan# 3214
Delta R.T. 0.02 min
Lab File: BE094405.D
Acq: 15 Oct 2017 22:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	30.0	22.8	34.2
226	32.4	17.0	25.6#





#19

Chrysene

Concen: 2.096 ng/ul

RT: 21.48 min Scan# 3226

Delta R.T. 0.02 min

Lab File: BE094405.D

Acq: 15 Oct 2017 22:25

Instrument :

BNA_E

ClientSampleId :

C0AF7DL

Tot Ion:228 Resp: 75227

Ion Ratio Lower Upper

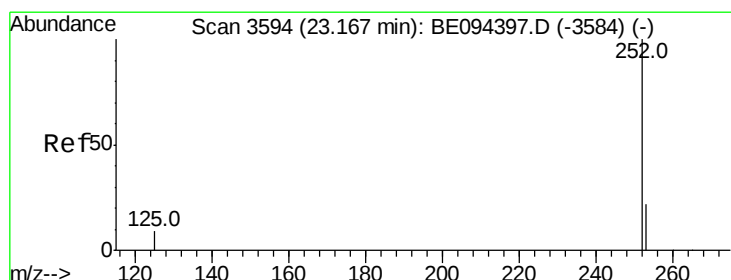
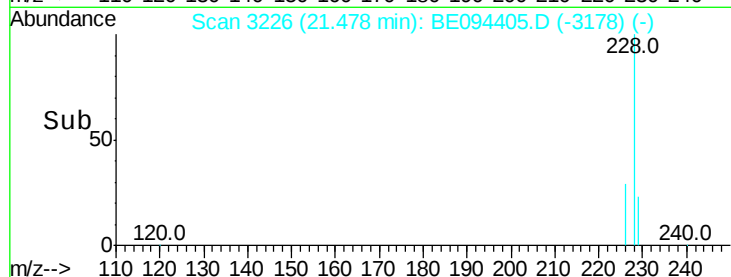
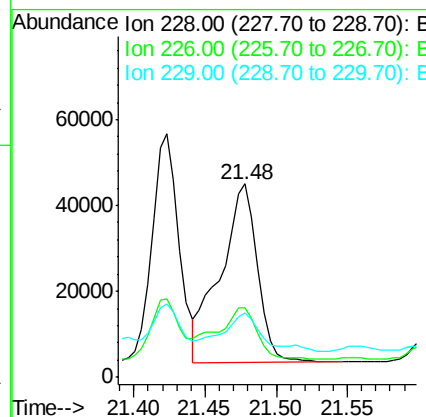
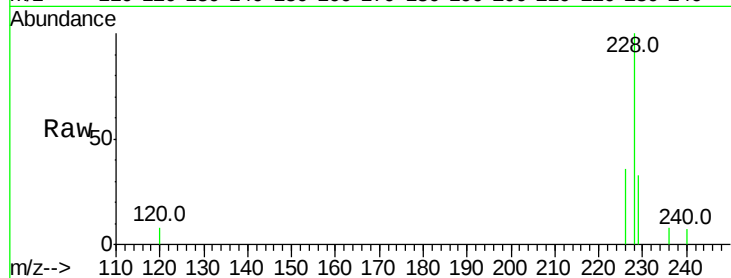
228 100

226 36.1 23.4 35.0#

229 33.3 17.7 26.5#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:42 PM



#21

Benzo(b)fluoranthene

Concen: 3.494 ng/ul m

RT: 23.20 min Scan# 3602

Delta R.T. 0.04 min

Lab File: BE094405.D

Acq: 15 Oct 2017 22:25

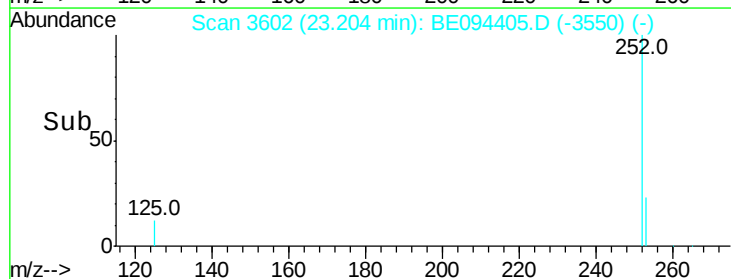
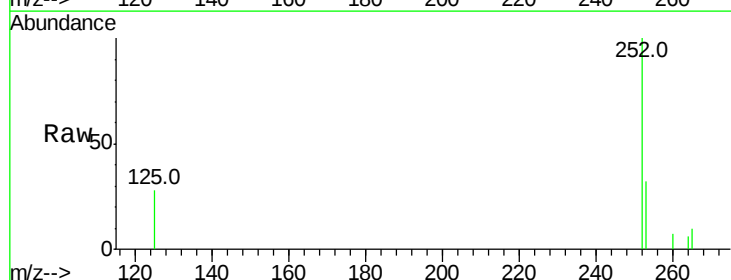
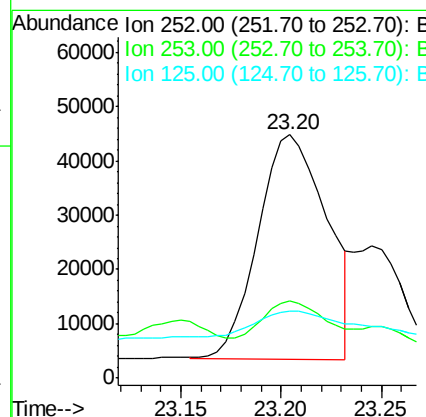
Tgt Ion:252 Resp: 98982

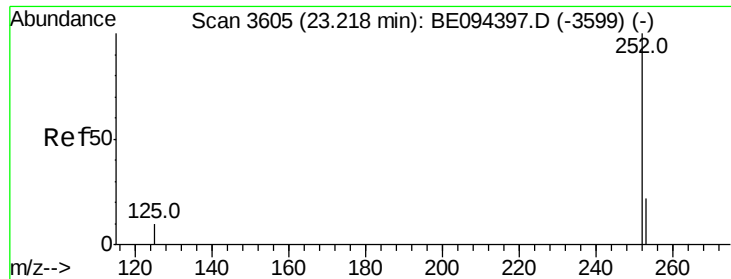
Ion Ratio Lower Upper

252 100

253 31.5 0.0 64.2

125 27.6 0.0 35.0





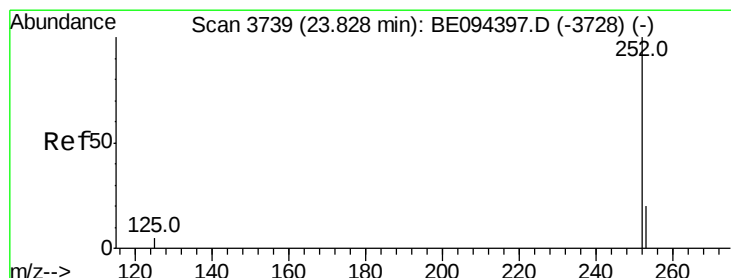
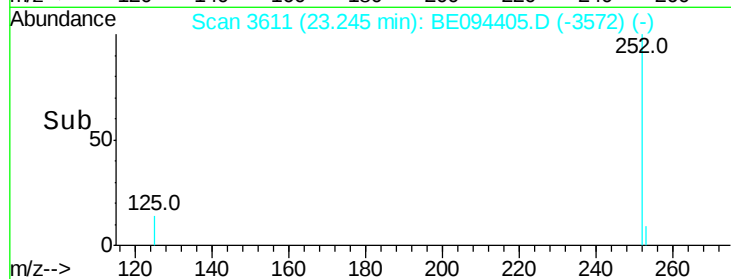
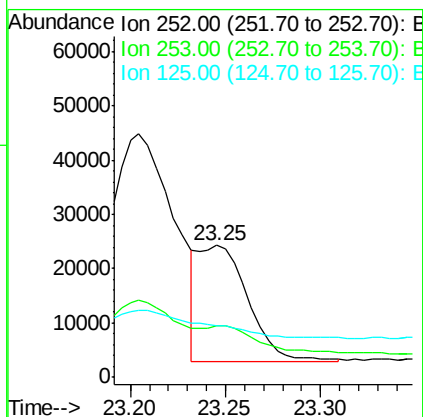
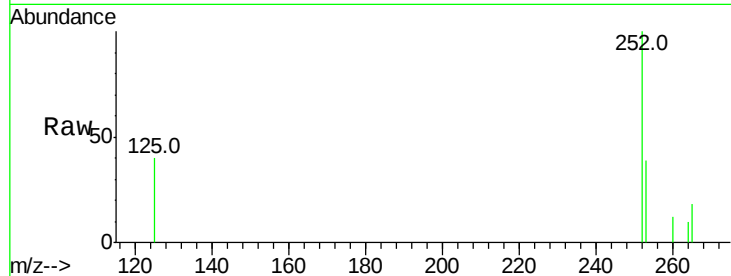
#22
Benzo(k)fluoranthene
Concen: 1.189 ng/ul m
RT: 23.25 min Scan# 3611
Delta R.T. 0.03 min
Lab File: BE094405.D
Acq: 15 Oct 2017 22:25

Instrument :
BNA_E
ClientSampleId :
C0AF7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.9	24.5	36.7#
125	39.5	13.7	20.5#

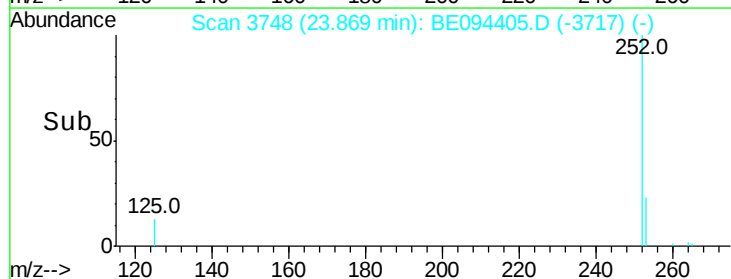
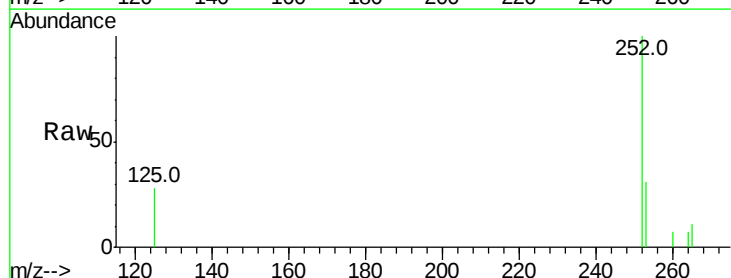
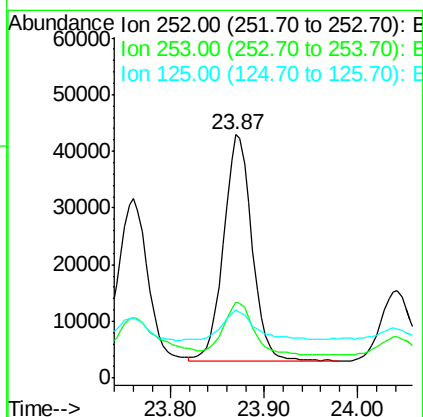
Manual Integrations
APPROVED

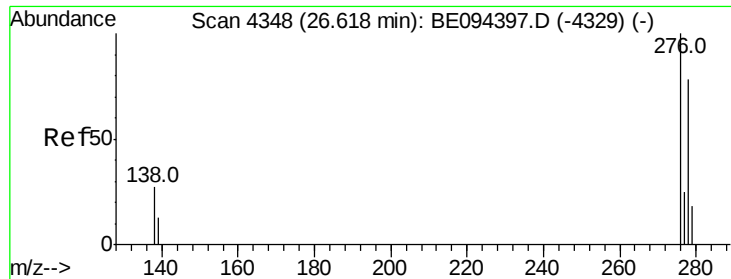
Sohil
10/16/2017 8:26:42 PM



#23
Benzo(a)pyrene
Concen: 2.848 ng/ul
RT: 23.87 min Scan# 3748
Delta R.T. 0.04 min
Lab File: BE094405.D
Acq: 15 Oct 2017 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	28.5	42.7
125	27.8	18.1	27.1#





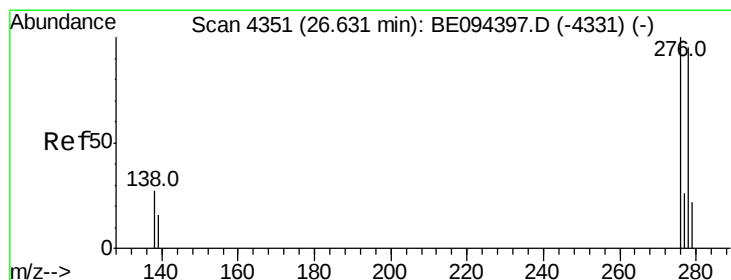
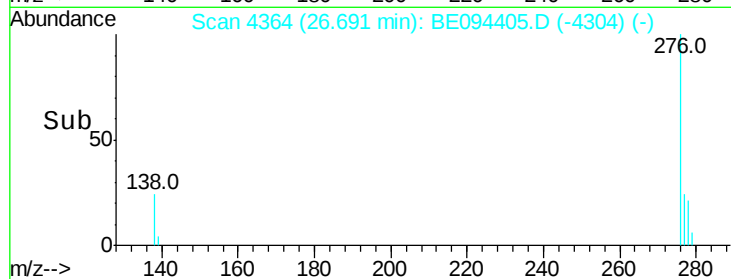
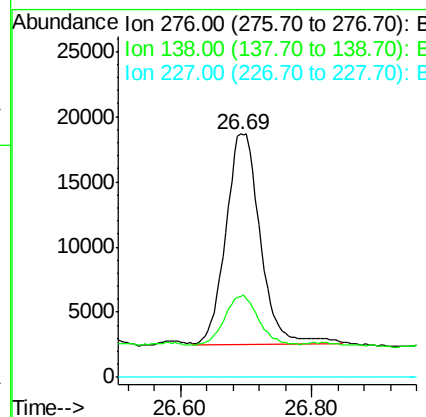
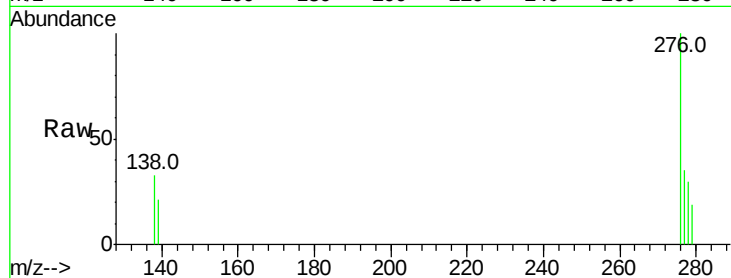
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.957 ng/ul
 RT: 26.69 min Scan# 4364
 Delta R.T. 0.07 min
 Lab File: BE094405.D
 Acq: 15 Oct 2017 22:25

Instrument :
 BNA_E
 ClientSampleId :
 C0AF7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	28.0	42.0#
227	0.0	8.0	12.0#

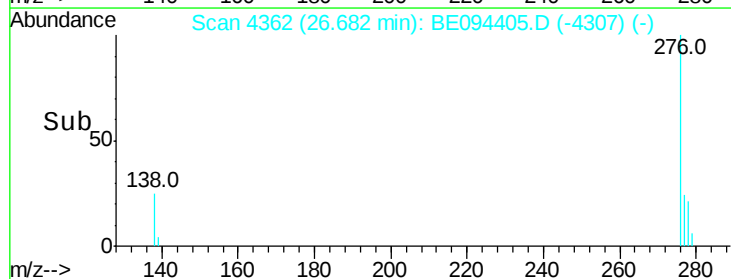
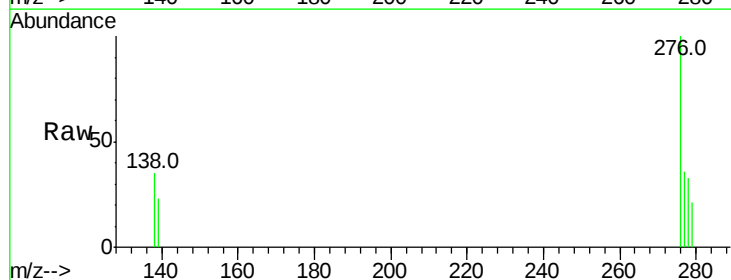
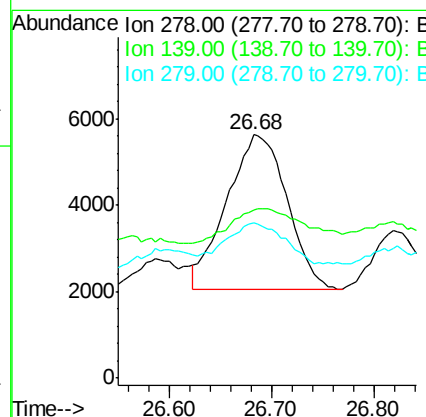
Manual Integrations
 APPROVED

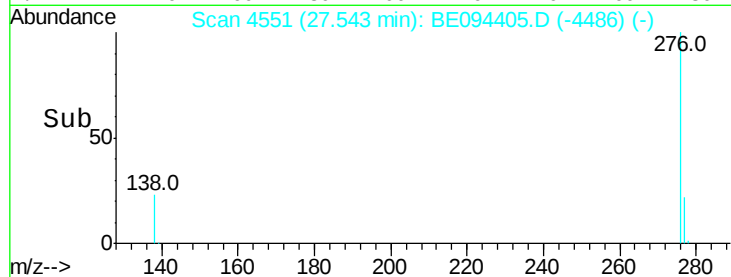
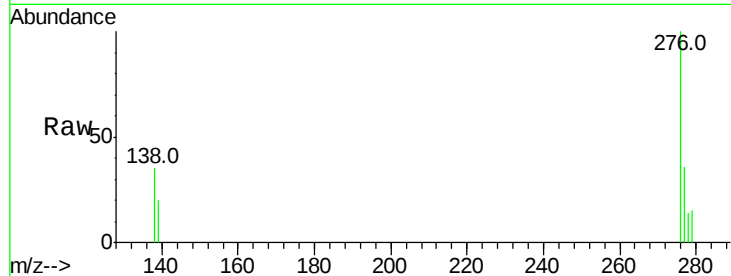
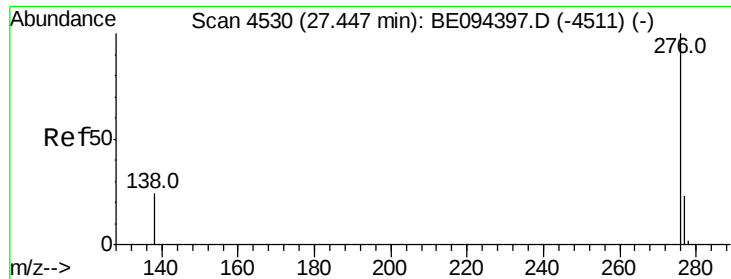
Sohil
 10/16/2017 8:26:42 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.581 ng/ul
 RT: 26.68 min Scan# 4362
 Delta R.T. 0.05 min
 Lab File: BE094405.D
 Acq: 15 Oct 2017 22:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	68.8	17.4	26.0#
279	63.7	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 2.175 ng/ul

RT: 27.54 min Scan# 4551

Delta R.T. 0.10 min

Lab File: BE094405.D

Acq: 15 Oct 2017 22:25

Instrument :

BNA_E

ClientSampleId :

C0AF7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	21.8	32.8#
277	36.2	20.5	30.7#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:42 PM

