

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094717.D
 Acq On : 3 Nov 2017 20:54
 Operator : SJ/JU
 Sample : I5902-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-5(5-6.5)-101317

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:15:39 PM

Quant Time: Nov 04 00:27:14 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 01:15:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1716	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	10343	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5686	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12045	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12195	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	13362	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	679	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1626	0.05	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.29	178	1893	0.060	ng/ul#	90
15) Fluoranthene	19.31	202	3895	0.106	ng/ul	84
17) Pyrene	19.67	202	4012	0.106	ng/ul#	87
18) Benzo(a)anthracene	21.41	228	2284	0.066	ng/ul#	75
19) Chrysene	21.47	228	2176	0.060	ng/ul#	74
21) Benzo(b)fluoranthene	23.18	252	2574m	0.068	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	1191m	0.030	ng/ul	
23) Benzo(a)pyrene	23.84	252	1878	0.050	ng/ul#	48
24) Indeno(1,2,3-cd)pyrene	26.67	276	1052	0.027	ng/ul#	76
26) Benzo(g,h,i)perylene	27.52	276	916	0.029	ng/ul#	23

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

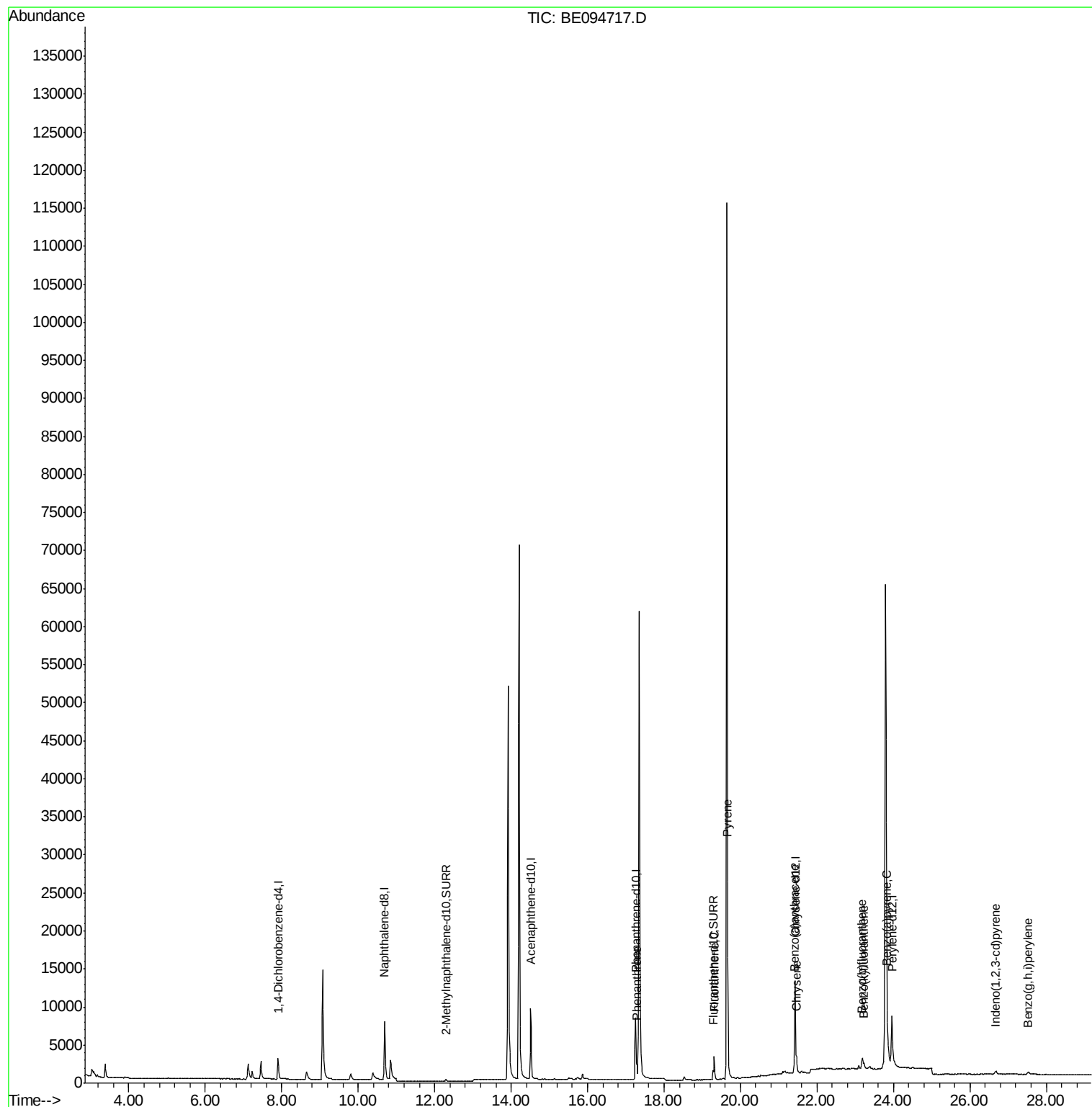
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094717.D
Acq On : 3 Nov 2017 20:54
Operator : SJ/JU
Sample : I5902-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

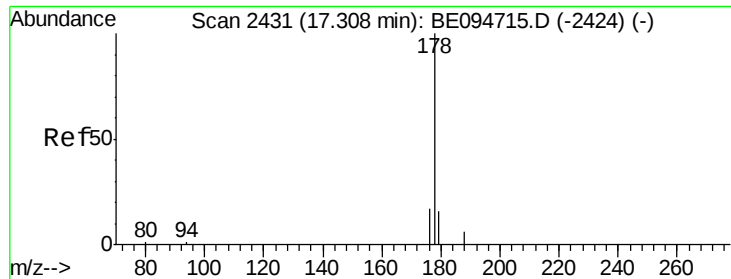
Instrument :
BNA_E
ClientSampleId :
B-5(5-6.5)-101317

Manual Integrations
APPROVED

Sohil
11/4/2017 2:15:39 PM

Quant Time: Nov 04 00:27:14 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 04 01:15:30 2017
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.060 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094717.D

Acq: 3 Nov 2017 20:54

Instrument :

BNA_E

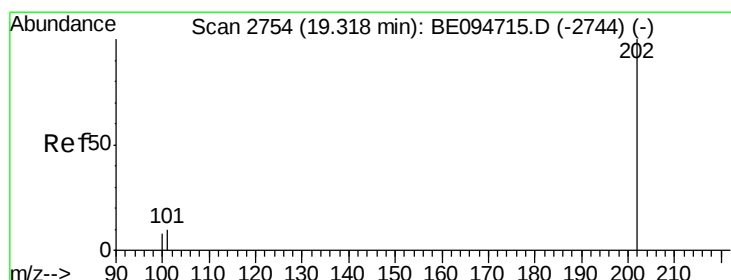
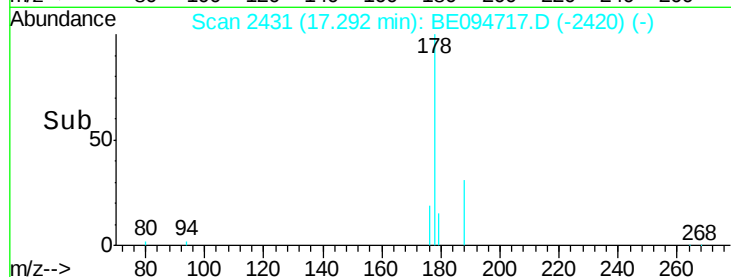
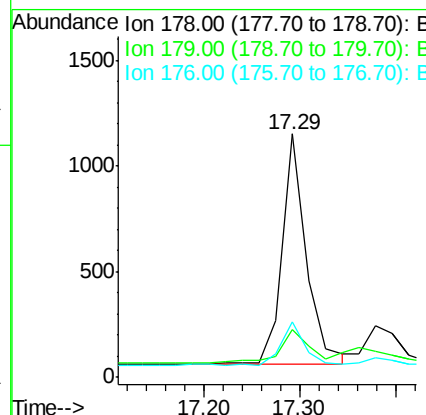
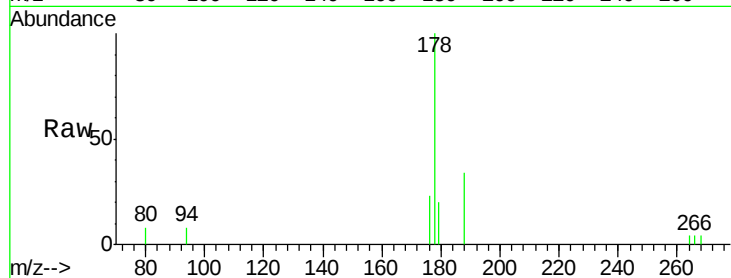
ClientSampleId :

B-5(5-6.5)-101317

Tgt Ion:	178	Resp:	1893
Ion Ratio	Lower	Upper	
178	100		
179	19.7	18.4	27.6
176	22.9	13.6	20.4

Manual Integrations
APPROVED

Sohil
11/4/2017 2:15:39 PM



#15

Fluoranthene

Concen: 0.106 ng/ul

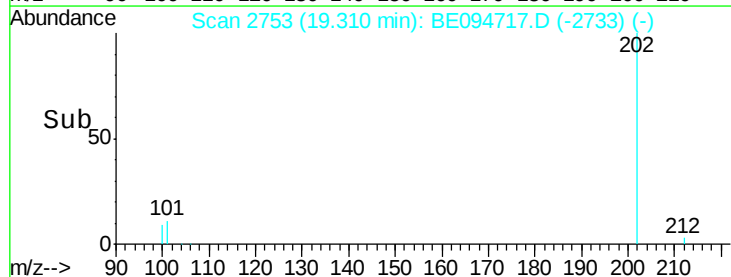
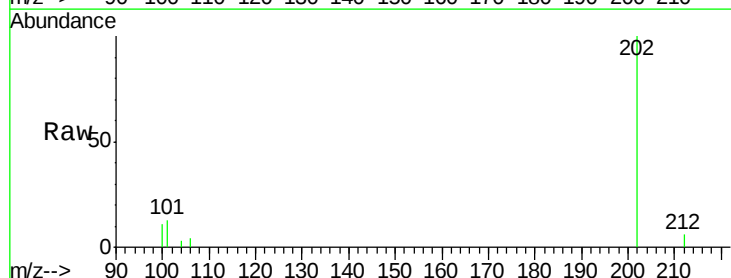
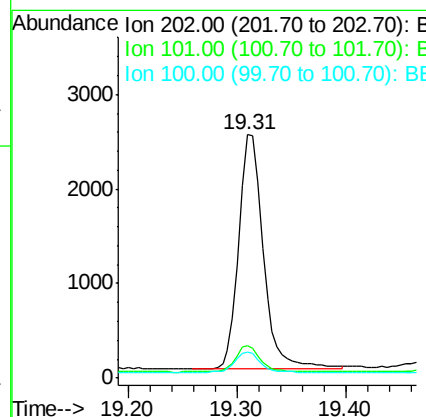
RT: 19.31 min Scan# 2753

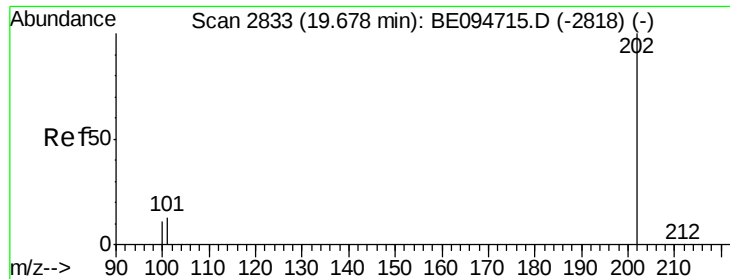
Delta R.T. -0.01 min

Lab File: BE094717.D

Acq: 3 Nov 2017 20:54

Tgt Ion:	202	Resp:	3895
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	30.3
100	10.6	0.0	39.5





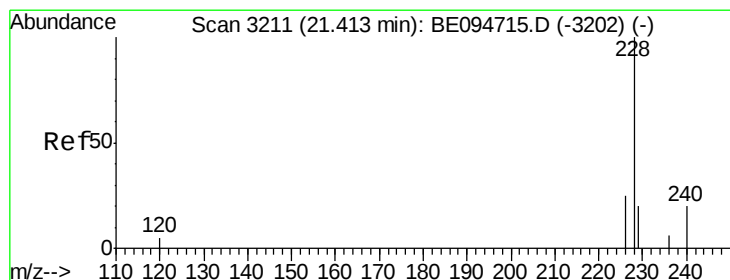
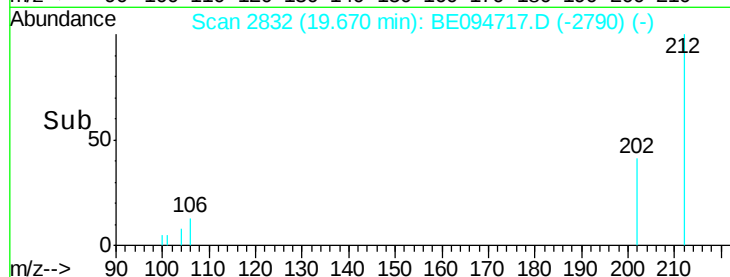
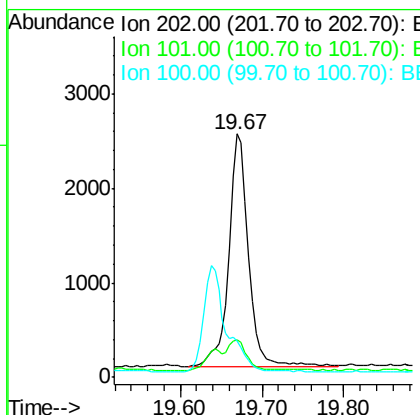
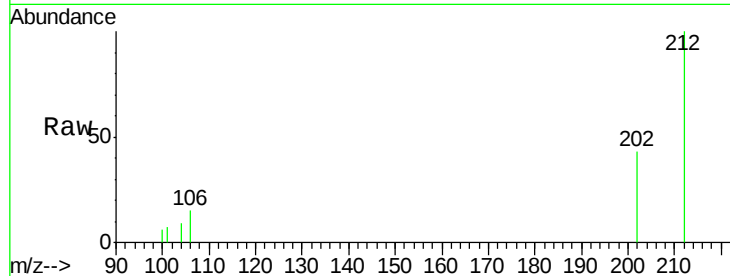
#17
Pyrene
 Concen: 0.106 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094717.D
 Acq: 3 Nov 2017 20:54

Instrument :
 BNA_E
 ClientSampleId :
 B-5(5-6.5)-101317

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.5	18.2	27.4#
100	14.8	15.6	23.4#

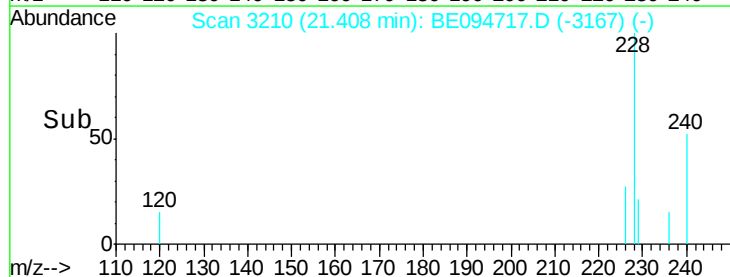
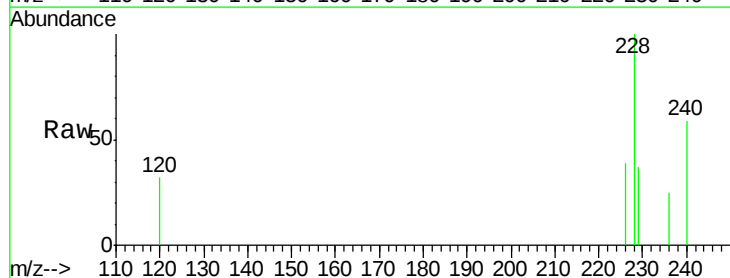
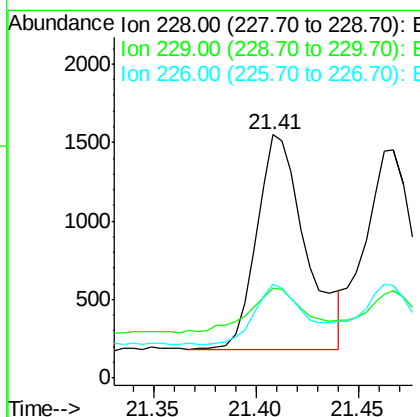
Manual Integrations
 APPROVED

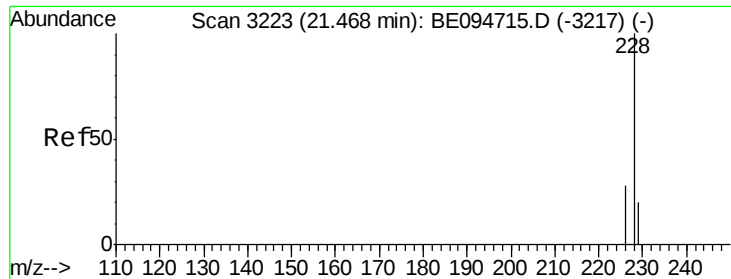
Sohil
 11/4/2017 2:15:39 PM



#18
Benzo(a)anthracene
 Concen: 0.066 ng/ul
 RT: 21.41 min Scan# 3210
 Delta R.T. -0.01 min
 Lab File: BE094717.D
 Acq: 3 Nov 2017 20:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	36.9	22.8	34.2#
226	38.6	17.0	25.6#





#19

Chrysene

Concen: 0.060 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094717.D

Acq: 3 Nov 2017 20:54

Instrument :

BNA_E

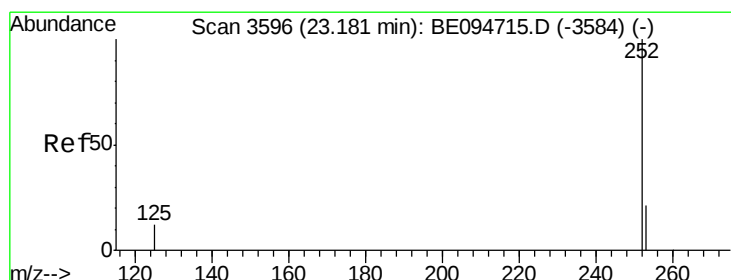
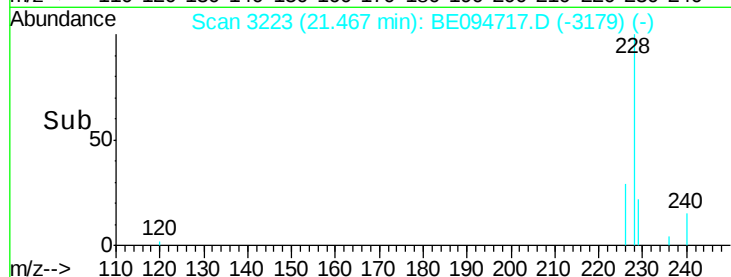
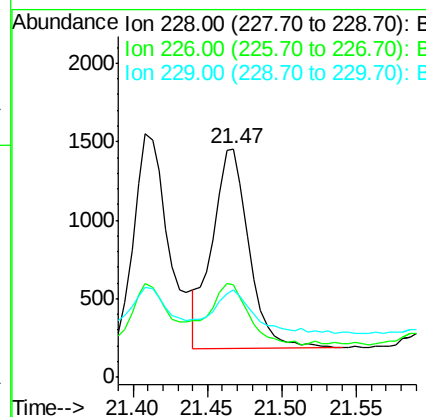
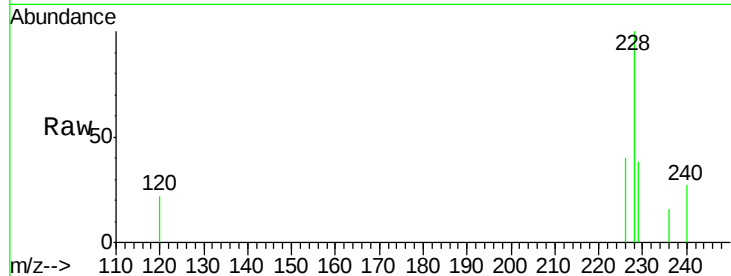
ClientSampleId :

B-5(5-6.5)-101317

Tgt Ion:	228	Resp:	2176
Ion Ratio	Lower	Upper	
228	100		
226	40.2	23.4	35.0#
229	38.0	17.7	26.5#

Manual Integrations
APPROVED

Sohil
11/4/2017 2:15:39 PM



#21

Benzo(b)fluoranthene

Concen: 0.068 ng/ul m

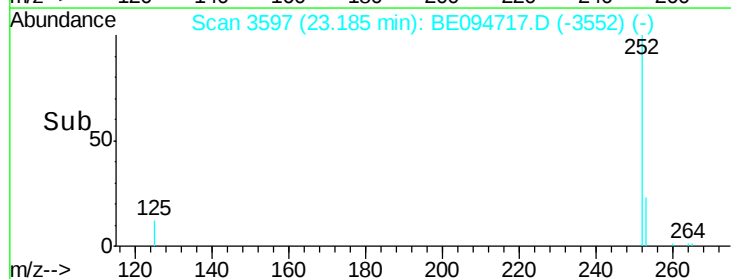
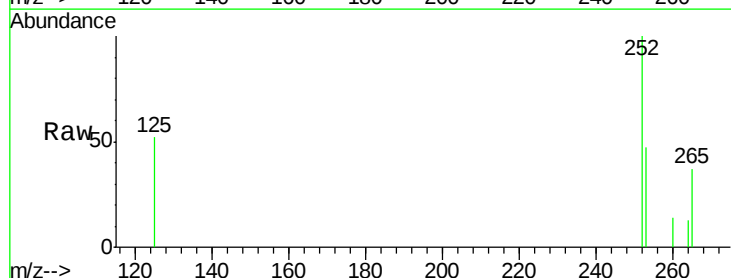
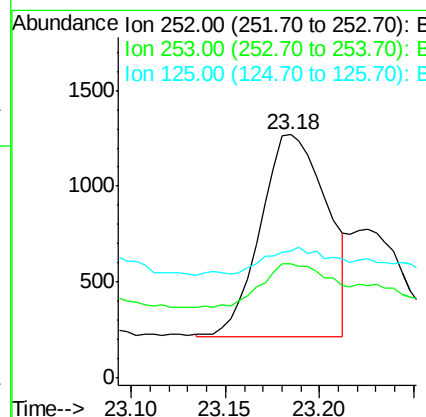
RT: 23.18 min Scan# 3597

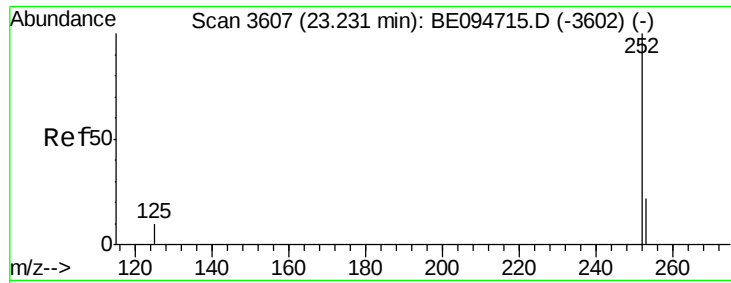
Delta R.T. 0.00 min

Lab File: BE094717.D

Acq: 3 Nov 2017 20:54

Tgt Ion:	252	Resp:	2574
Ion Ratio	Lower	Upper	
252	100		
253	46.8	0.0	64.2
125	52.5	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.030 ng/ul m

RT: 23.23 min Scan# 3606

Delta R.T. -0.01 min

Lab File: BE094717.D

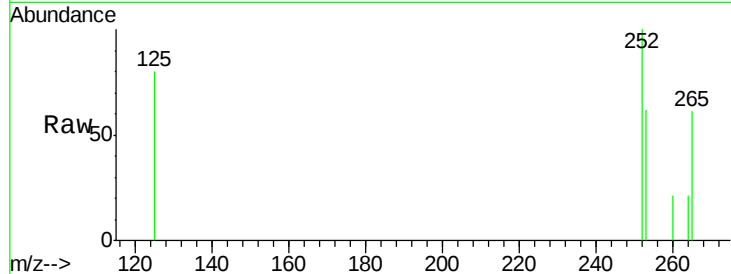
Acq: 3 Nov 2017 20:54

Instrument :

BNA_E

ClientSampleId :

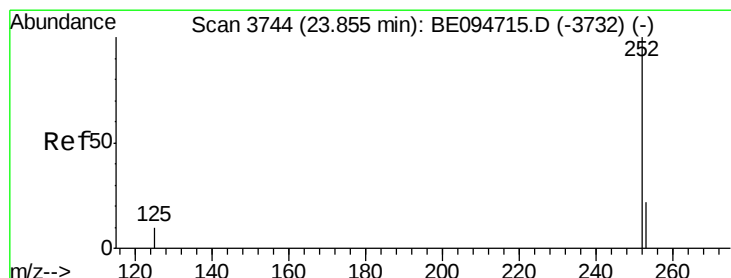
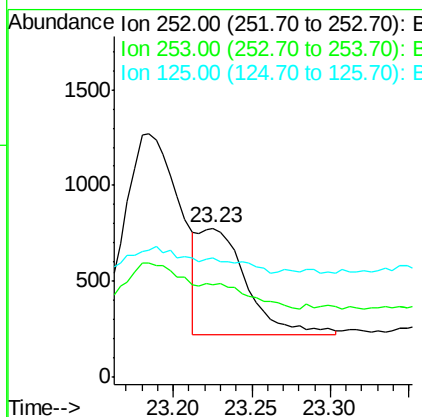
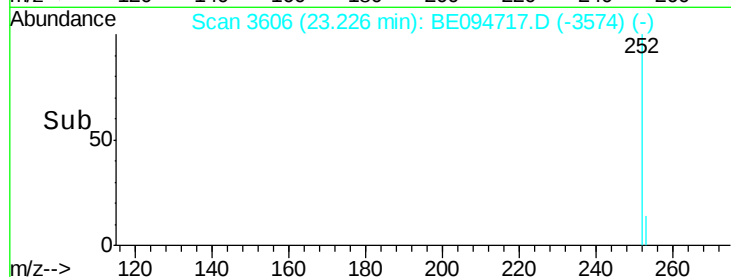
B-5(5-6.5)-101317



Tgt Ion	Ratio	Lower	Upper
252	100		
253	62.5	24.5	36.7#
125	79.9	13.7	20.5#

Manual Integrations
APPROVED

Sohil
11/4/2017 2:15:39 PM



#23

Benzo(a)pyrene

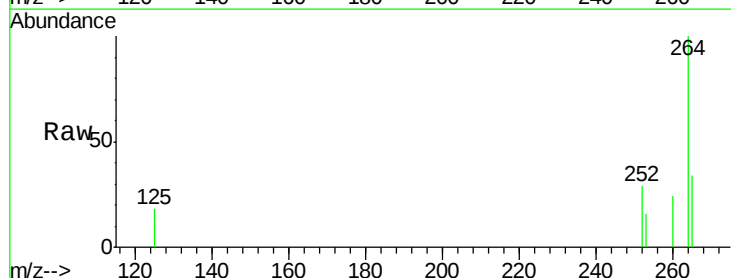
Concen: 0.050 ng/ul

RT: 23.84 min Scan# 3742

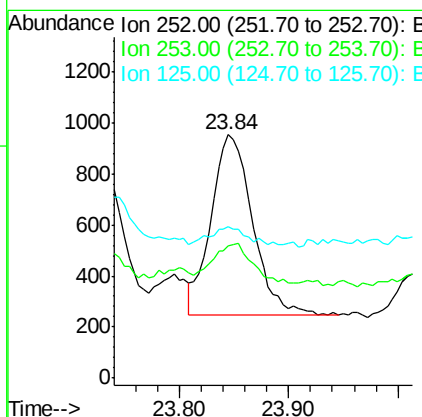
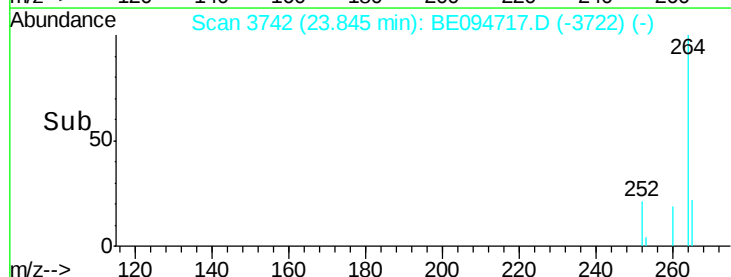
Delta R.T. -0.01 min

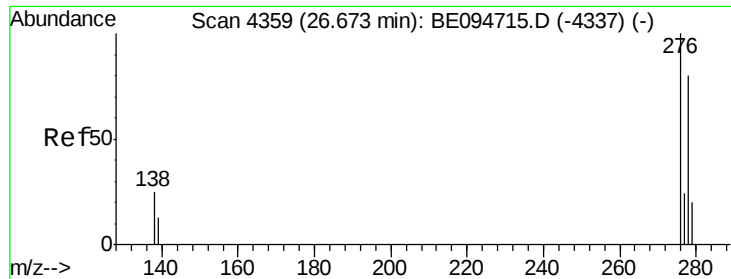
Lab File: BE094717.D

Acq: 3 Nov 2017 20:54



Tgt Ion	Ratio	Lower	Upper
252	100		
253	54.4	28.5	42.7#
125	62.3	18.1	27.1#





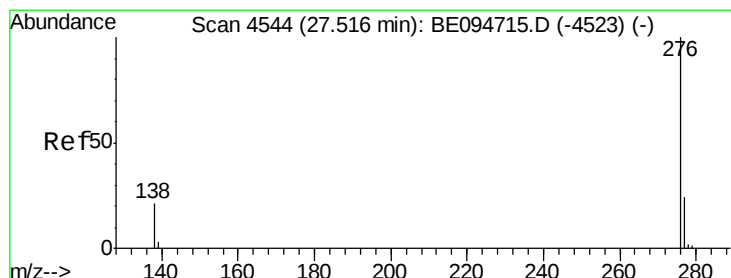
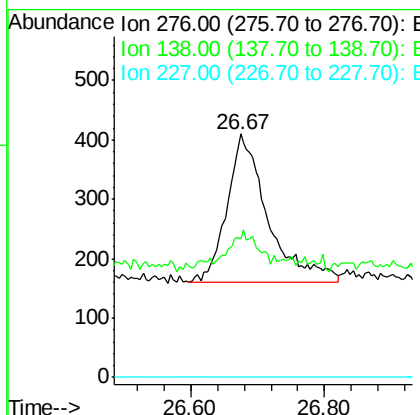
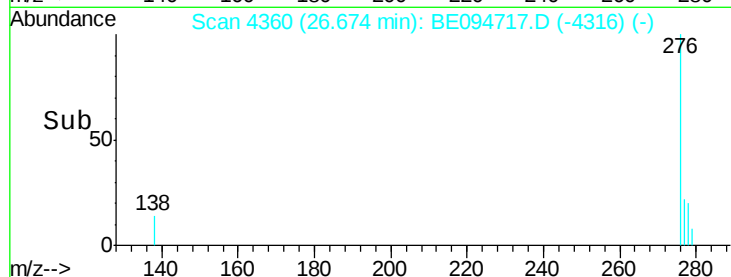
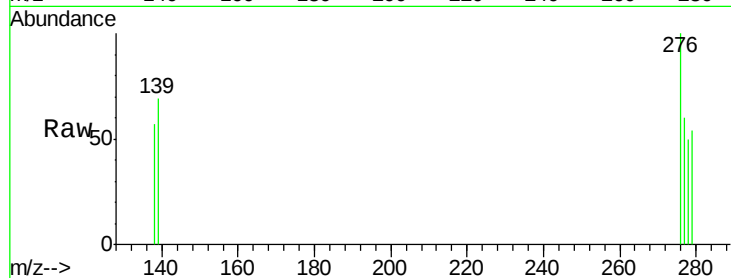
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.027 ng/u1
 RT: 26.67 min Scan# 4360
 Delta R.T. 0.00 min
 Lab File: BE094717.D
 Acq: 3 Nov 2017 20:54

Instrument :
 BNA_E
 ClientSampleId :
 B-5(5-6.5)-101317

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:15:39 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.029 ng/u1
 RT: 27.52 min Scan# 4545
 Delta R.T. 0.00 min
 Lab File: BE094717.D
 Acq: 3 Nov 2017 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	65.8	21.8	32.8#
277	66.4	20.5	30.7#

