

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094579.D
 Acq On : 27 Oct 2017 1:22
 Operator : SJ/JU
 Sample : I5786-09 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-7(5-6) 101017

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:35:49 PM

Quant Time: Oct 27 09:25:02 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1388	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	7780	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4443	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10115	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9756	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10175	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	591	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1485	0.05	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.74	128	637	0.033	ng/ul#	73
12) Phenanthrene	17.29	178	2688	0.101	ng/ul#	92
15) Fluoranthene	19.31	202	3910	0.127	ng/ul	83
17) Pyrene	19.67	202	5709	0.189	ng/ul#	92
18) Benzo(a)anthracene	21.41	228	3408	0.122	ng/ul#	25
19) Chrysene	21.46	228	6847	0.238	ng/ul#	45
21) Benzo(b)fluoranthene	23.18	252	3477m	0.121	ng/ul	
23) Benzo(a)pyrene	23.85	252	3404	0.119	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.66	276	1353	0.046	ng/ul#	80
26) Benzo(g,h,i)perylene	27.50	276	2836	0.119	ng/ul#	16

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

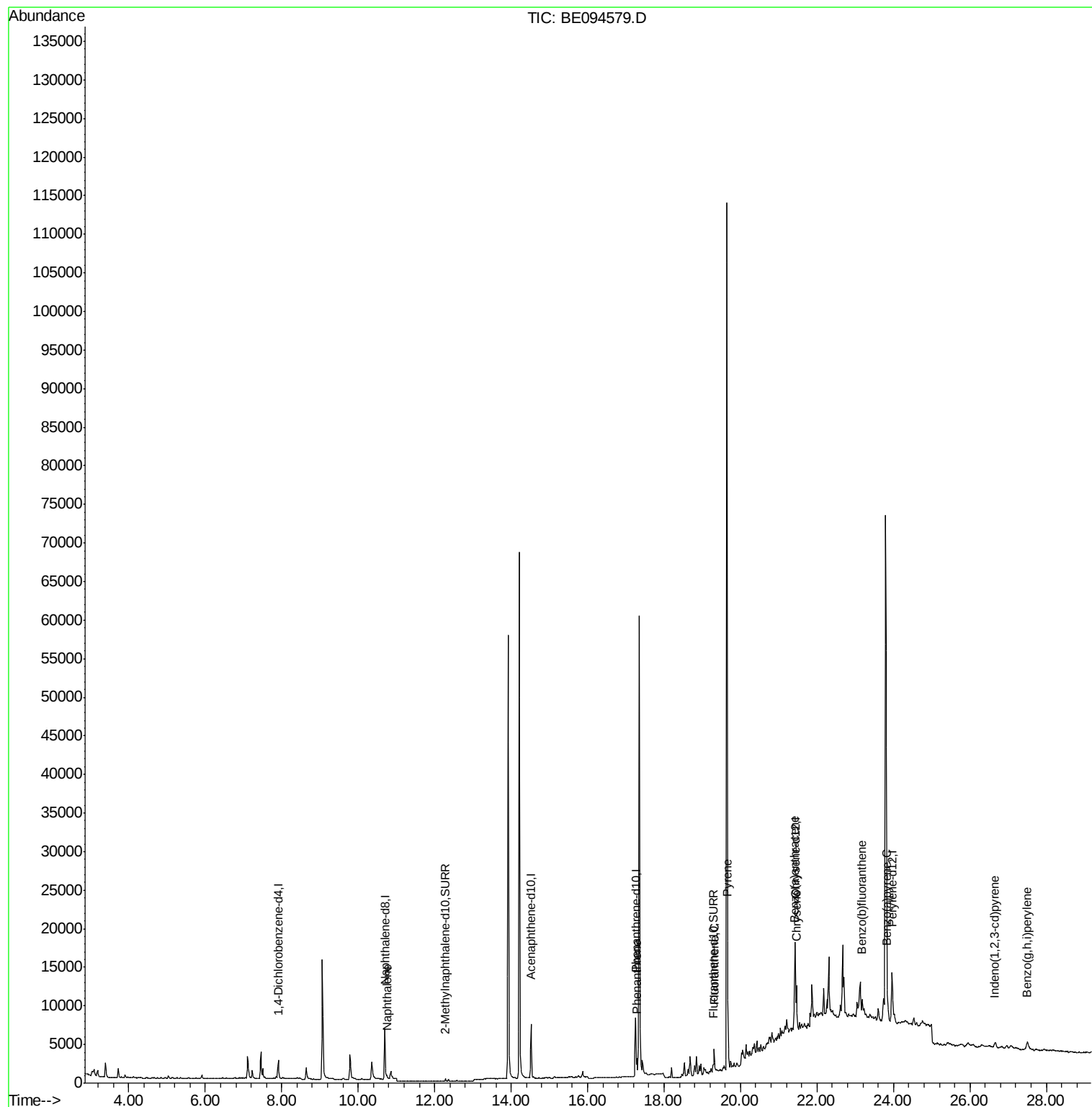
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094579.D
Acq On : 27 Oct 2017 1:22
Operator : SJ/JU
Sample : I5786-09 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

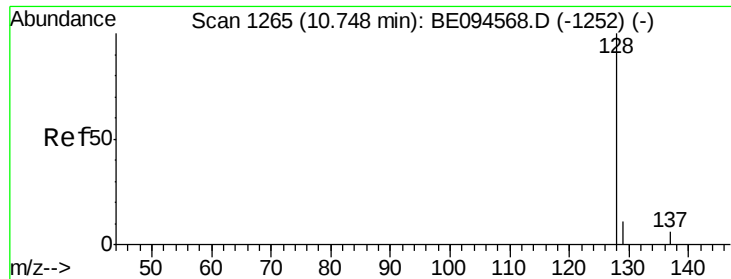
Instrument :
BNA_E
ClientSampleId :
B-7(5-6)_101017

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:49 PM

Quant Time: Oct 27 09:25:02 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Instrument :

BNA_E

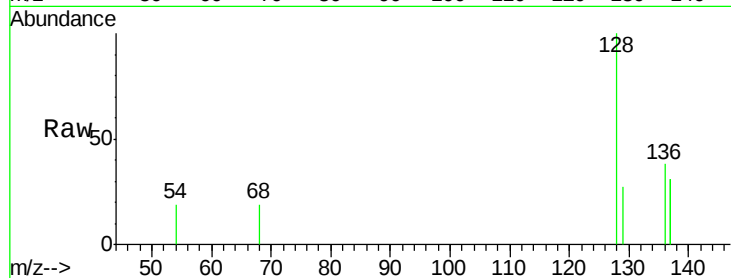
ClientSampleId :

B-7(5-6) 101017

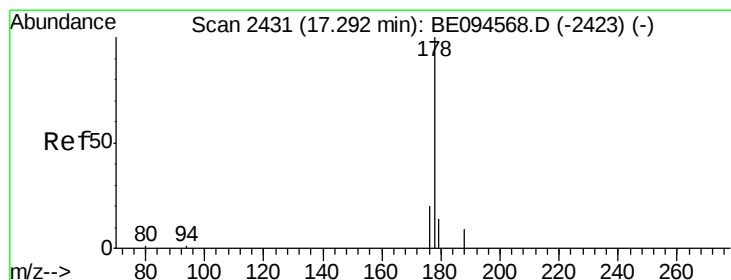
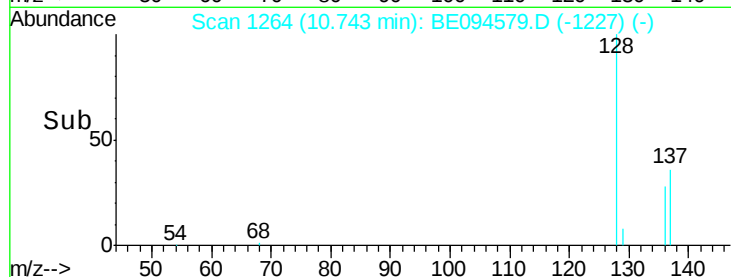
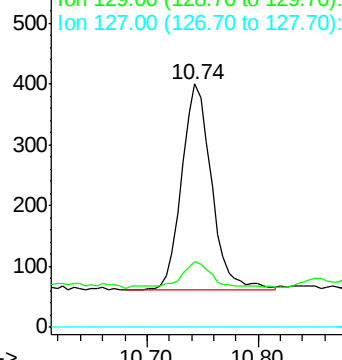
Tgt Ion:	128	Resp:	637
Ion Ratio	Lower	Upper	
128	100		
129	27.0	11.3	16.9#
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:49 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#12

Phenanthrene

Concen: 0.101 ng/ul

RT: 17.29 min Scan# 2432

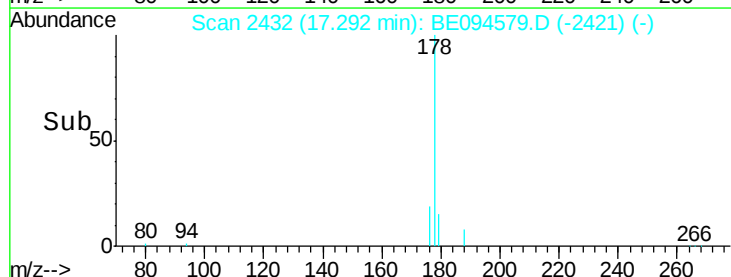
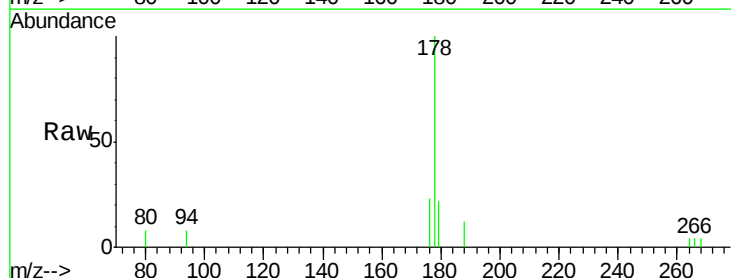
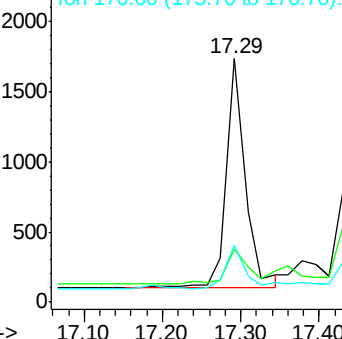
Delta R.T. -0.02 min

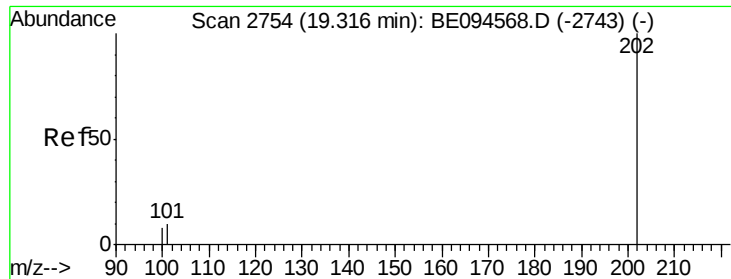
Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Tgt Ion:	178	Resp:	2688
Ion Ratio	Lower	Upper	
178	100		
179	21.8	18.4	27.6
176	23.3	13.6	20.4#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.127 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Instrument :

BNA_E

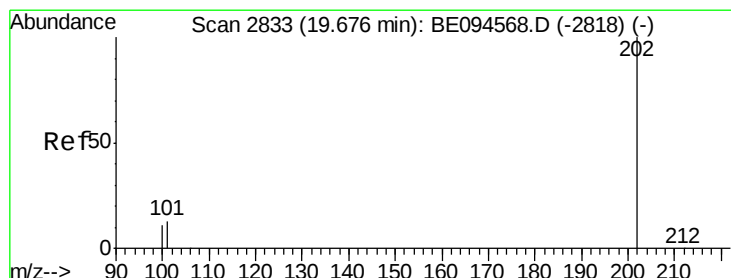
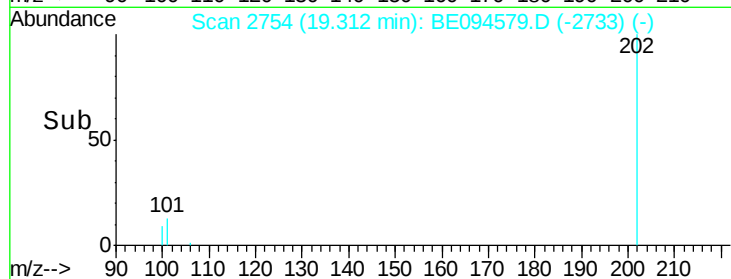
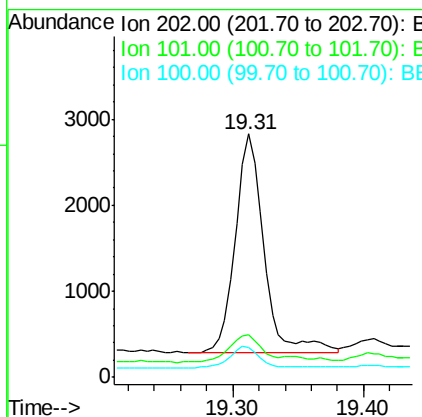
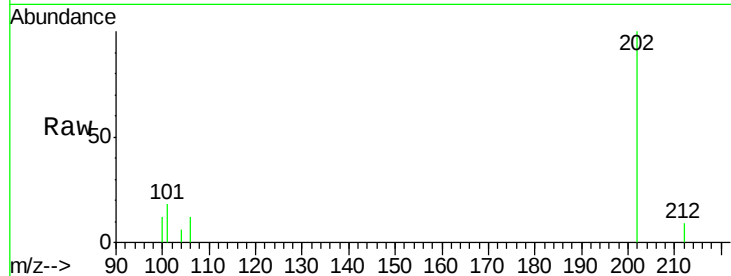
ClientSampleId :

B-7(5-6) 101017

Tgt Ion:	202	Resp:	3910
Ion Ratio	Lower	Upper	
202	100		
101	17.6	0.0	30.3
100	12.2	0.0	39.5

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:49 PM



#17

Pyrene

Concen: 0.189 ng/ul

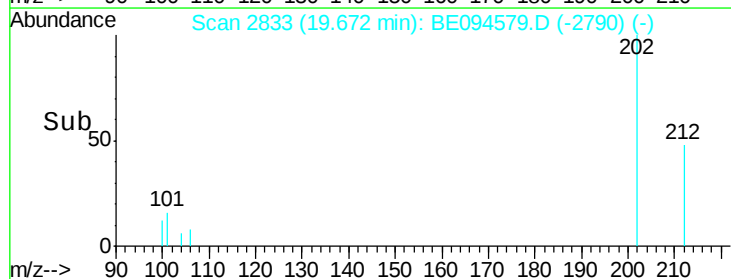
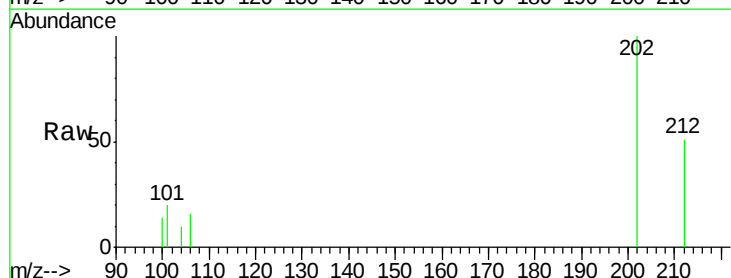
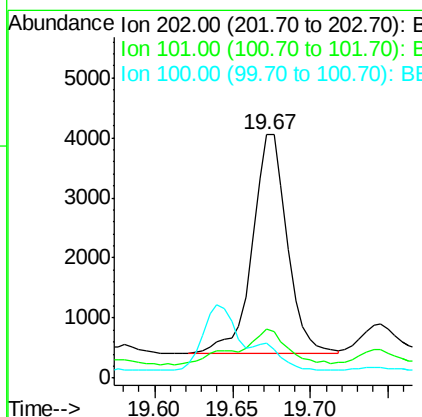
RT: 19.67 min Scan# 2833

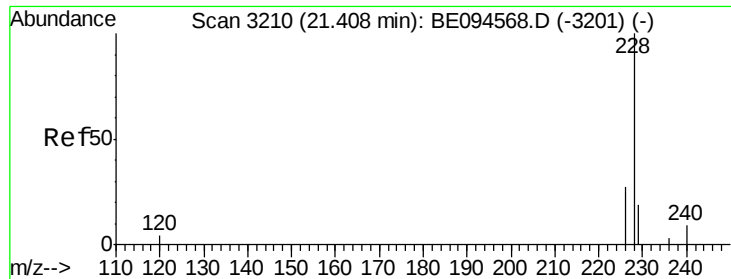
Delta R.T. -0.01 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Tgt Ion:	202	Resp:	5709
Ion Ratio	Lower	Upper	
202	100		
101	20.2	18.2	27.4
100	14.3	15.6	23.4#





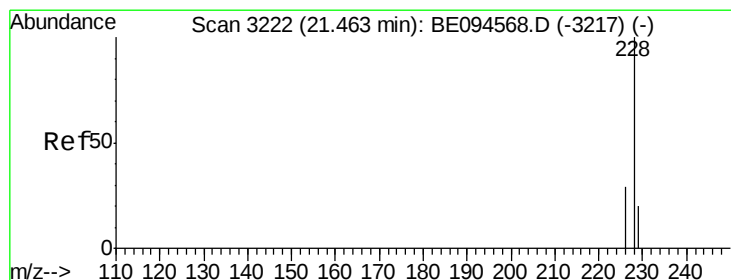
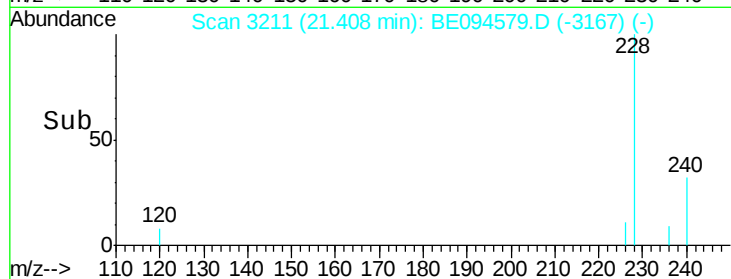
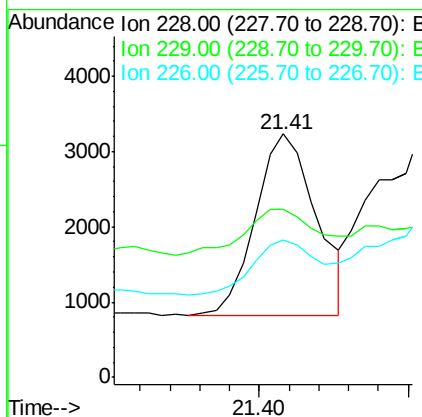
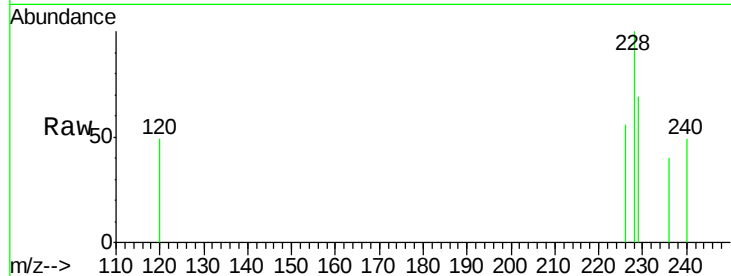
#18
Benzo(a)anthracene
Concen: 0.122 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094579.D
Acq: 27 Oct 2017 1:22

Instrument :
BNA_E
ClientSampleId :
B-7(5-6) 101017

Tgt Ion	Ratio	Lower	Upper
228	100		
229	69.0	22.8	34.2#
226	56.2	17.0	25.6#

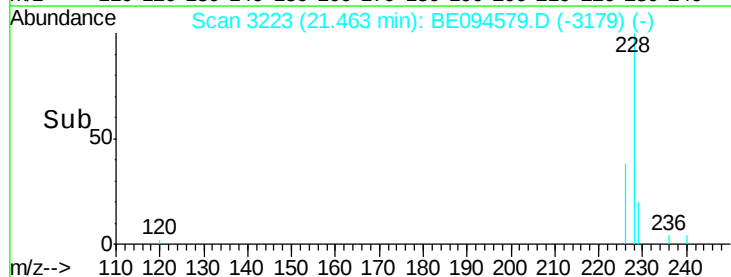
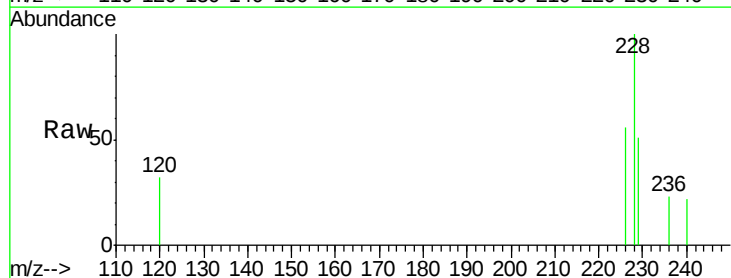
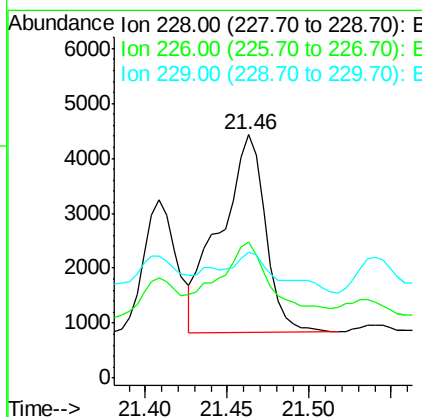
Manual Integrations
APPROVED

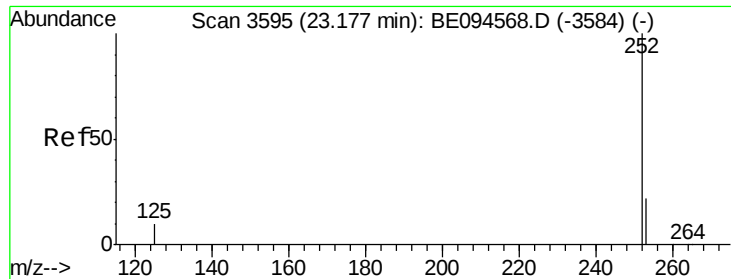
Sohil
10/27/2017 5:35:49 PM



#19
Chrysene
Concen: 0.238 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094579.D
Acq: 27 Oct 2017 1:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	55.9	23.4	35.0#
229	51.5	17.7	26.5#





#21

Benzo(b)fluoranthene

Concen: 0.121 ng/ul m

RT: 23.18 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE094579.D

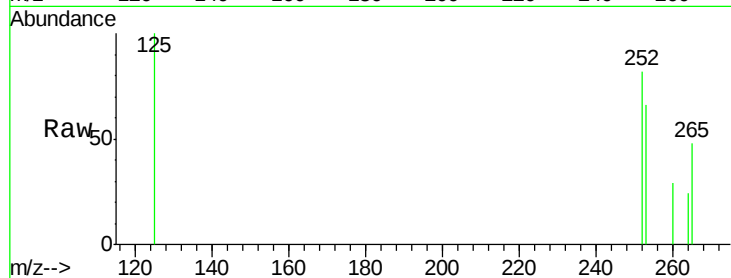
Acq: 27 Oct 2017 1:22

Instrument :

BNA_E

ClientSampleId :

B-7(5-6) 101017



Tgt Ion: 252 Resp: 3477

Ion Ratio Lower Upper

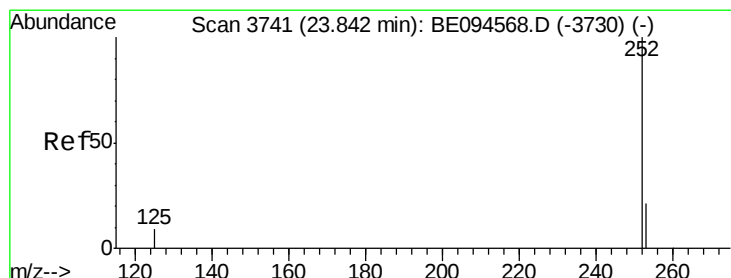
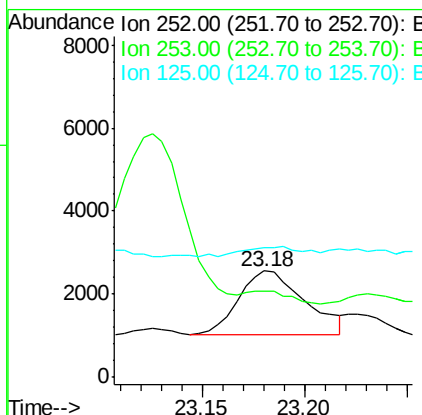
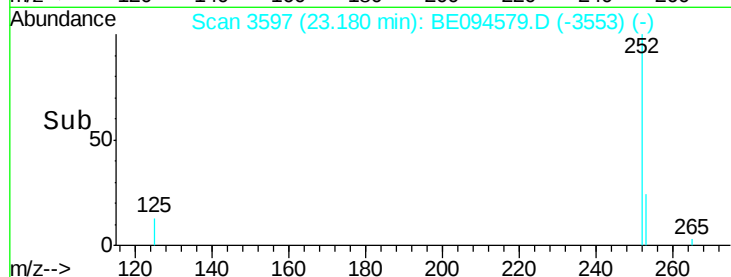
252 100

253 81.2 0.0 64.2#

125 122.1 0.0 35.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:49 PM



#23

Benzo(a)pyrene

Concen: 0.119 ng/ul

RT: 23.85 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

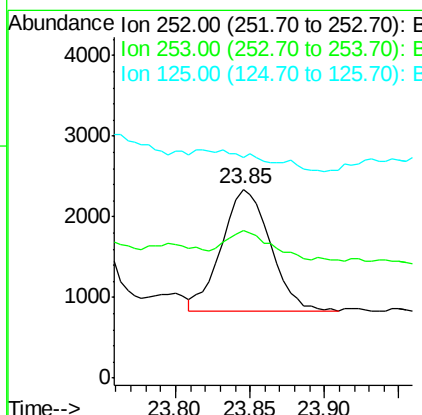
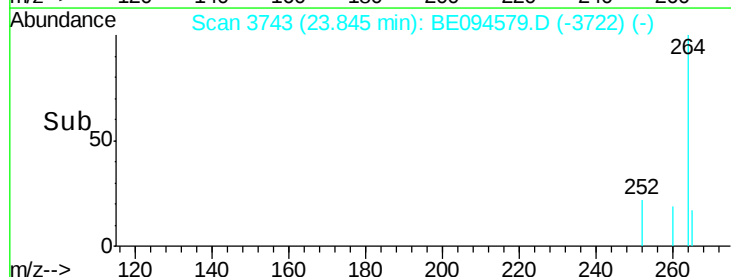
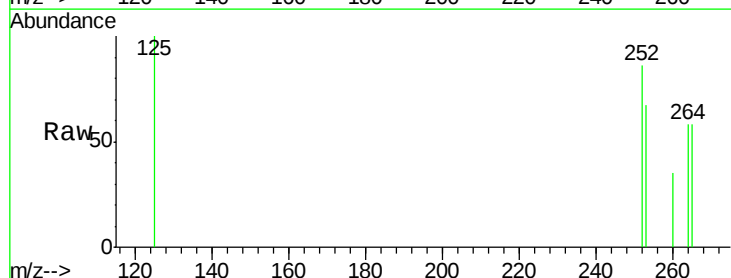
Tgt Ion: 252 Resp: 3404

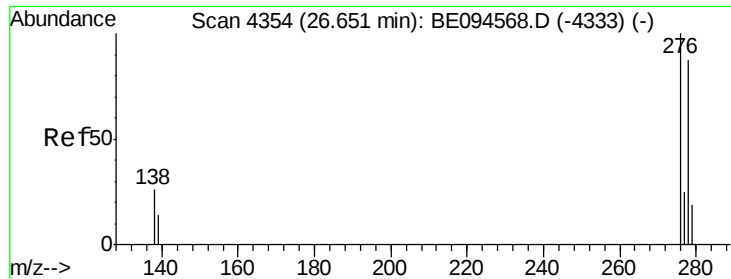
Ion Ratio Lower Upper

252 100

253 77.8 28.5 42.7#

125 116.7 18.1 27.1#





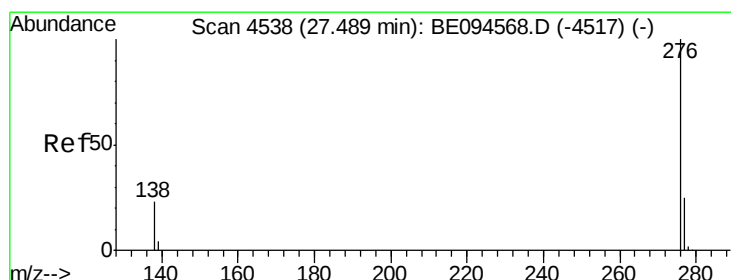
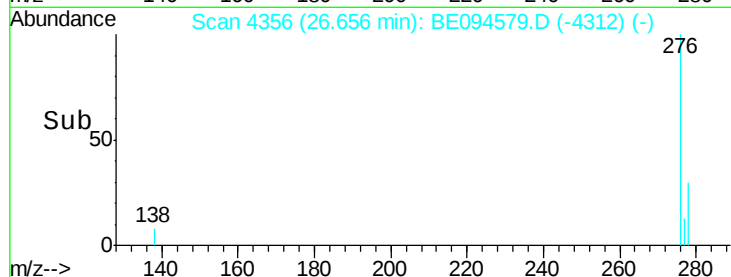
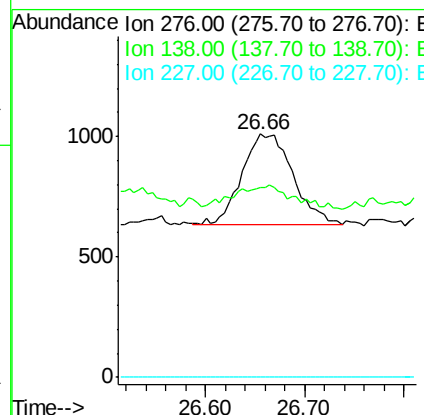
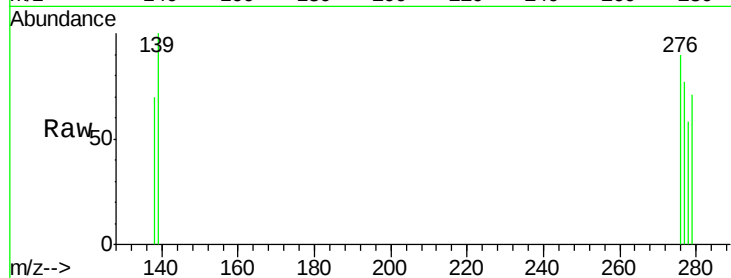
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.046 ng/ul
 RT: 26.66 min Scan# 4356
 Delta R.T. 0.00 min
 Lab File: BE094579.D
 Acq: 27 Oct 2017 1:22

Instrument :
 BNA_E
 ClientSampleId :
 B-7(5-6)_101017

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:35:49 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.119 ng/ul
 RT: 27.50 min Scan# 4541
 Delta R.T. 0.00 min
 Lab File: BE094579.D
 Acq: 27 Oct 2017 1:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	67.8	21.8	32.8#
277	71.6	20.5	30.7#

