

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094728.D
 Acq On : 4 Nov 2017 3:25
 Operator : SJ/JU
 Sample : I5976-02 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-20(5-6)-101817

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:17:01 PM

Quant Time: Nov 04 03:27:29 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 02:38:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1598	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9600	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5360	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11444	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11782	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	13027	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	763	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1976	0.06	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.29	178	3677	0.122	ng/ul#	91
13) Anthracene	17.38	178	1080	0.036	ng/ul#	85
15) Fluoranthene	19.31	202	4438	0.127	ng/ul	85
17) Pyrene	19.67	202	4185	0.115	ng/ul#	87
18) Benzo(a)anthracene	21.41	228	1886	0.056	ng/ul#	75
19) Chrysene	21.46	228	1617	0.046	ng/ul#	68
21) Benzo(b)fluoranthene	23.18	252	1815m	0.050	ng/ul	
23) Benzo(a)pyrene	23.84	252	1423	0.039	ng/ul#	48

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

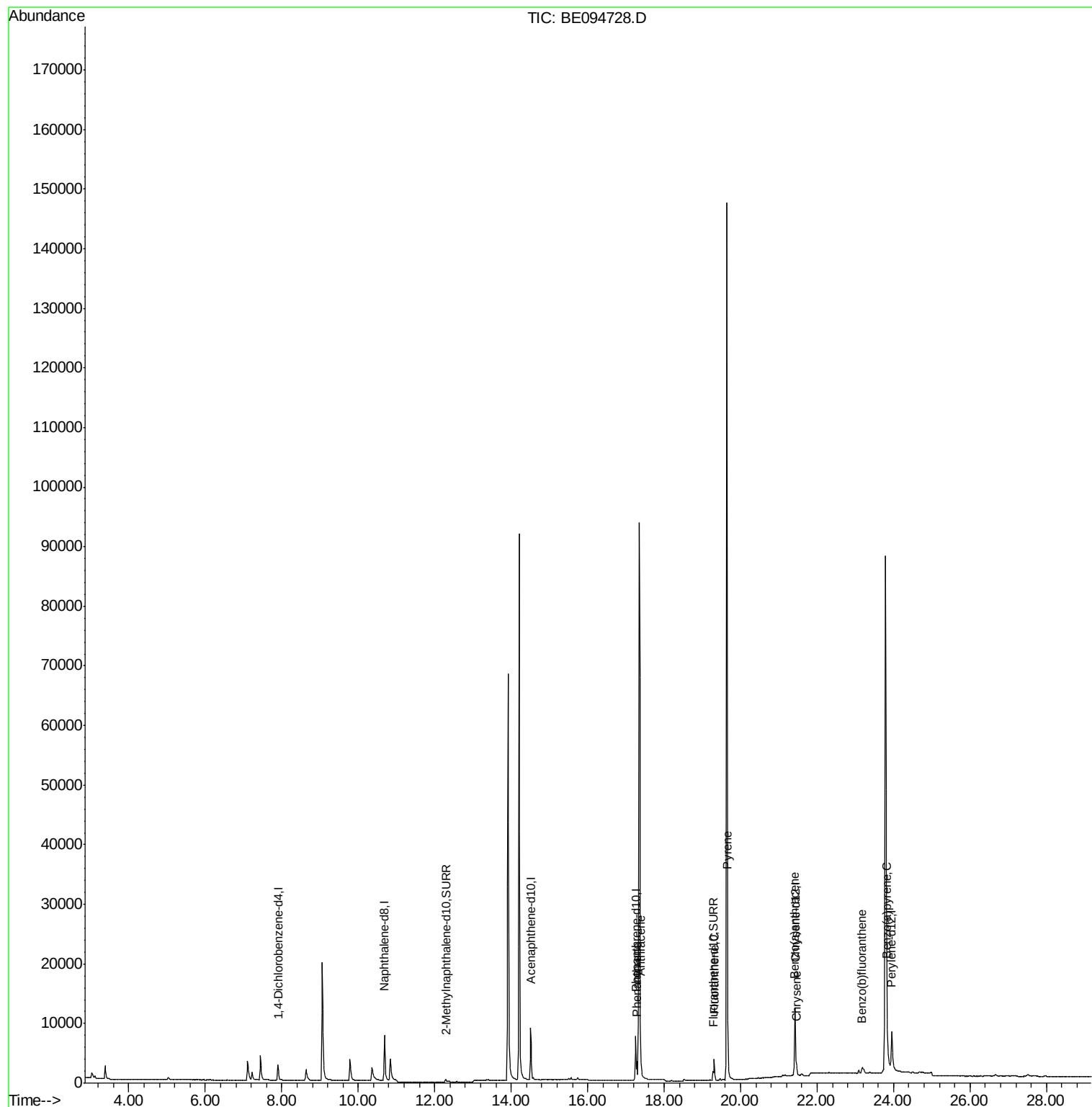
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094728.D
Acq On : 4 Nov 2017 3:25
Operator : SJ/JU
Sample : I5976-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

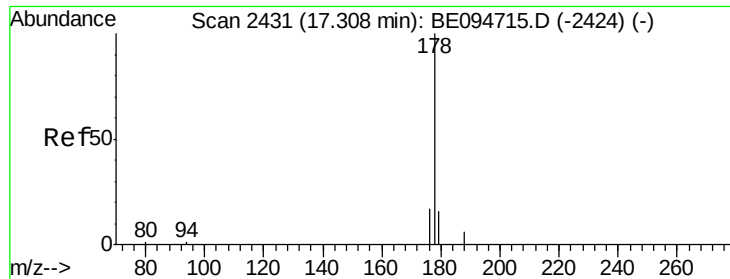
Instrument :
BNA_E
ClientSampleId :
B-20(5-6)-101817

Manual Integrations
APPROVED

Sohil
11/4/2017 2:17:01 PM

Quant Time: Nov 04 03:27:29 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 02:38:13 2017
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.122 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094728.D

Acq: 4 Nov 2017 3:25

Instrument :

BNA_E

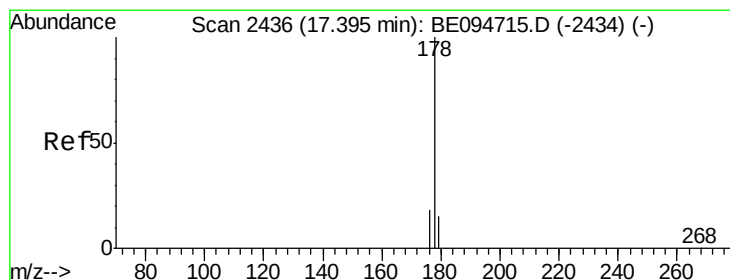
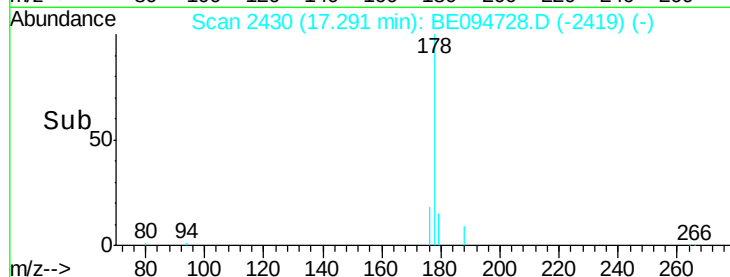
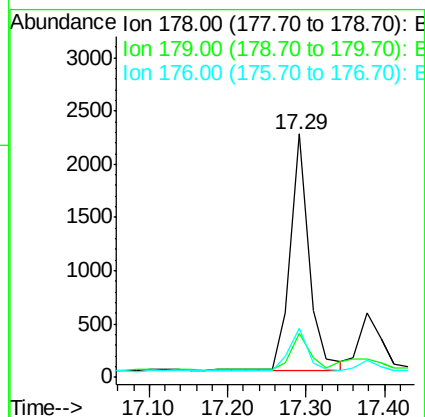
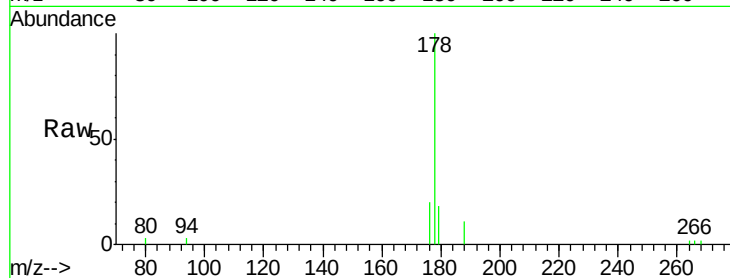
ClientSampleId :

B-20(5-6)-101817

Tgt Ion:	178	Resp:	3677
Ion Ratio	Lower	Upper	
178	100		
179	17.9	18.4	27.6#
176	20.2	13.6	20.4

Manual Integrations
APPROVED

Sohil
11/4/2017 2:17:01 PM



#13

Anthracene

Concen: 0.036 ng/ul

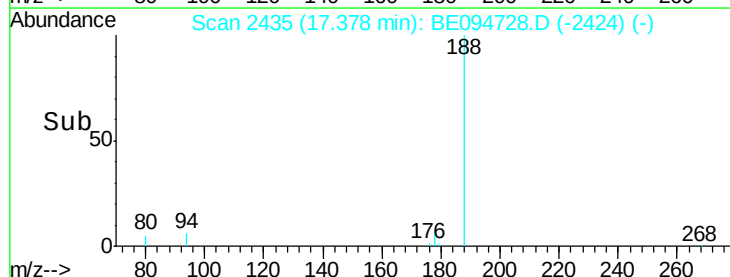
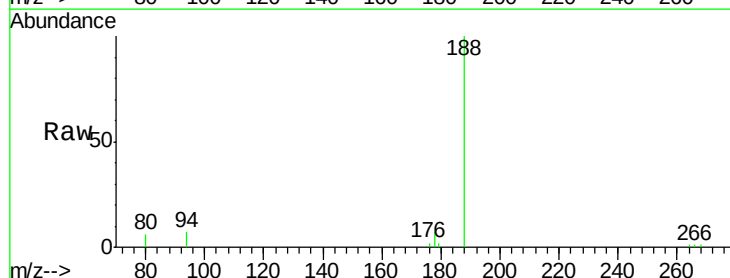
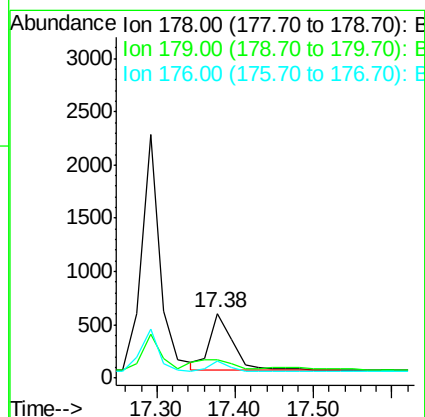
RT: 17.38 min Scan# 2435

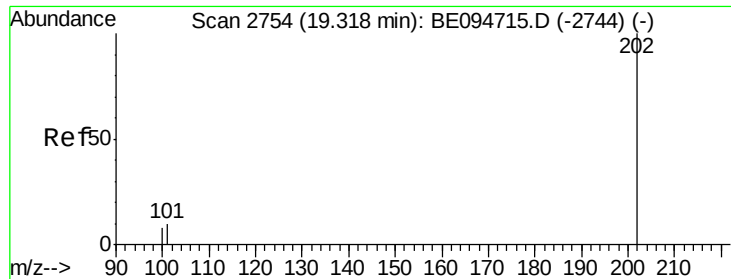
Delta R.T. -0.02 min

Lab File: BE094728.D

Acq: 4 Nov 2017 3:25

Tgt Ion:	178	Resp:	1080
Ion Ratio	Lower	Upper	
178	100		
179	28.9	18.1	27.1#
176	26.5	14.7	22.1#





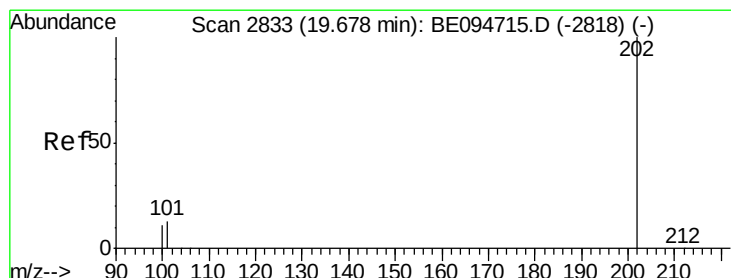
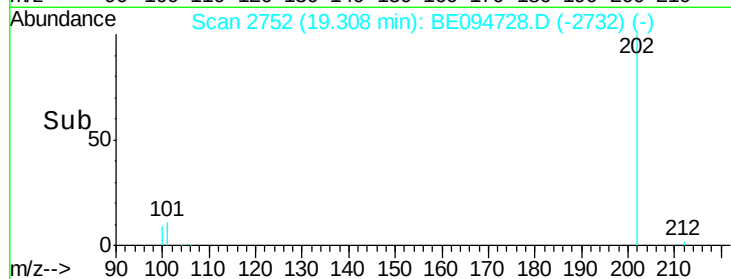
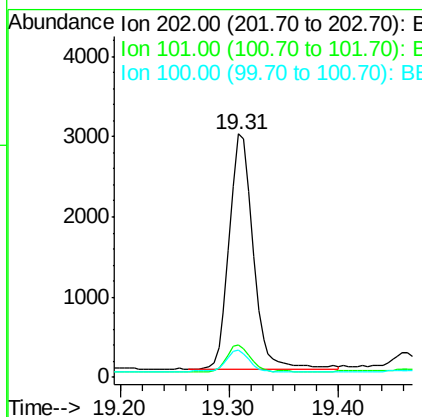
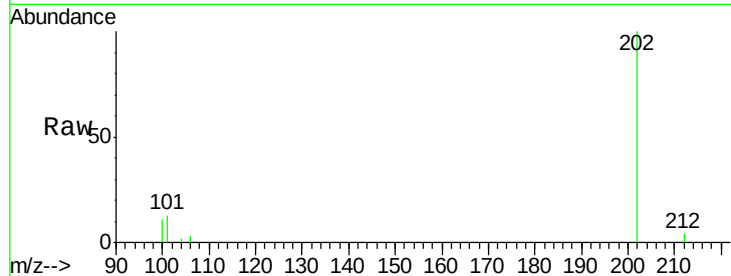
#15
Fluoranthene
 Concen: 0.127 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094728.D
 Acq: 4 Nov 2017 3:25

Instrument :
 BNA_E
 ClientSampleId :
 B-20(5-6)-101817

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		4438		
101	13.3	0.0	30.3		
100	11.1	0.0	39.5		

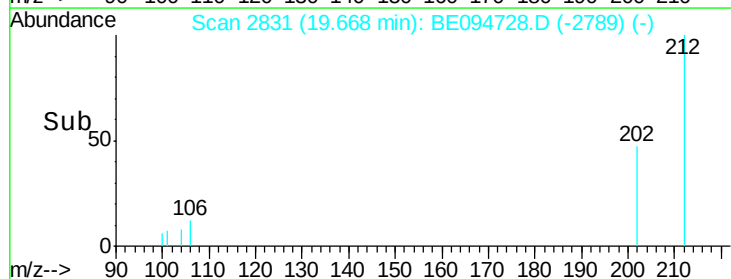
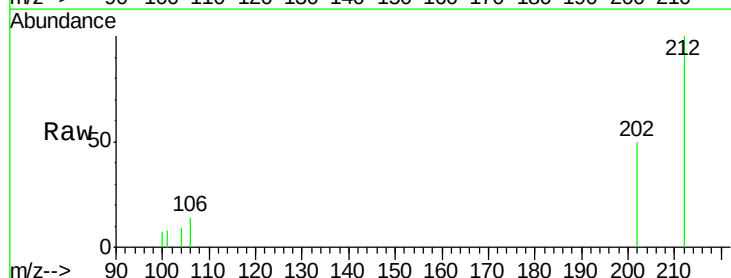
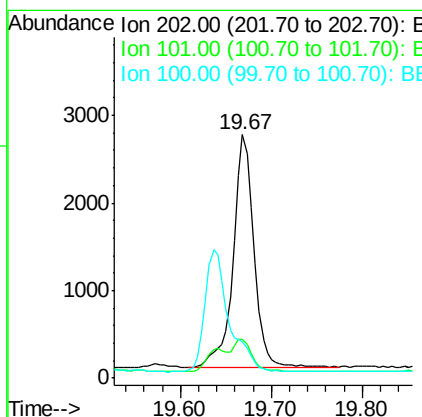
Manual Integrations
 APPROVED

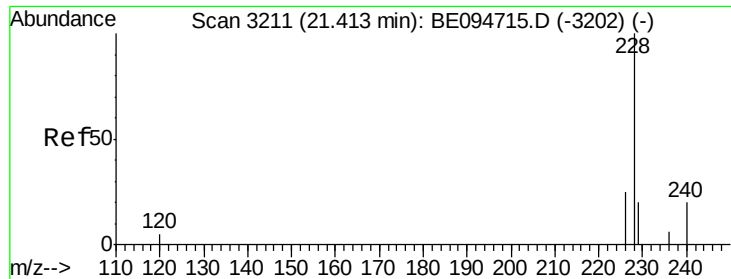
Sohil
 11/4/2017 2:17:01 PM



#17
Pyrene
 Concen: 0.115 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094728.D
 Acq: 4 Nov 2017 3:25

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		4185		
101	15.9	18.2	27.4#		
100	14.7	15.6	23.4#		





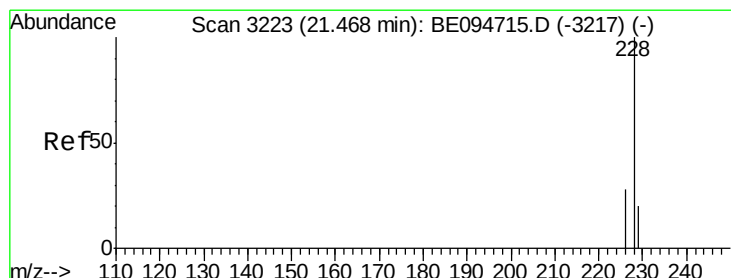
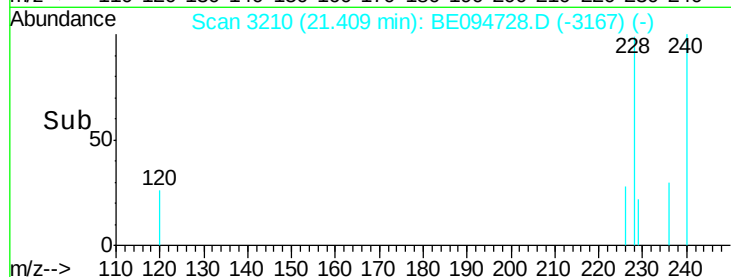
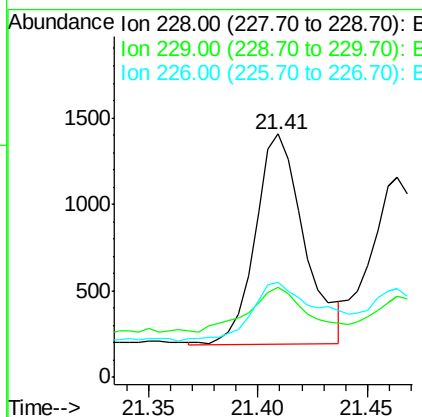
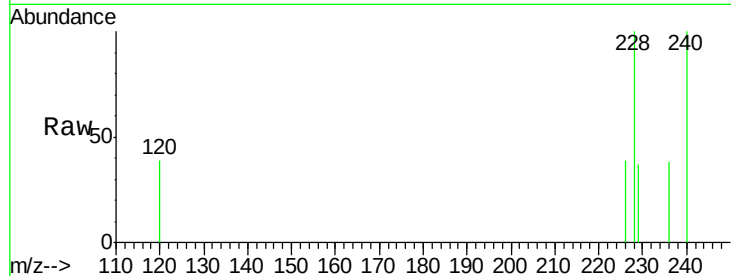
#18
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094728.D
Acq: 4 Nov 2017 3:25

Instrument :
BNA_E
ClientSampleId :
B-20(5-6)-101817

Tgt Ion	Ratio	Lower	Upper
228	100		
229	37.0	22.8	34.2#
226	39.1	17.0	25.6#

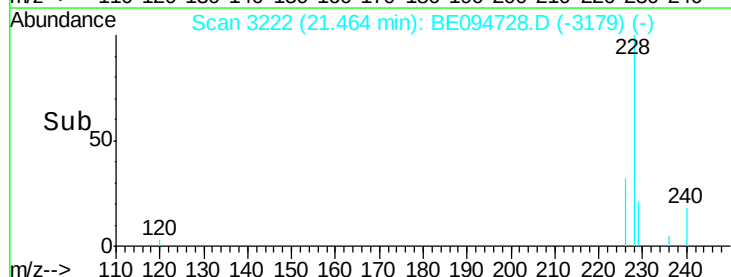
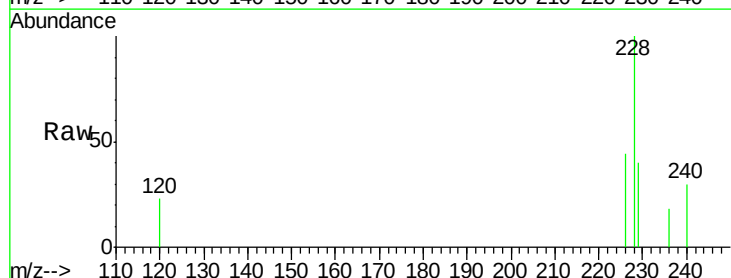
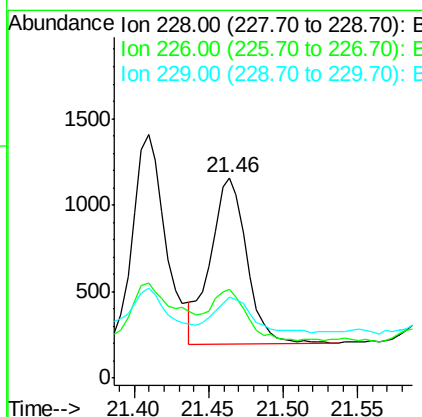
Manual Integrations
APPROVED

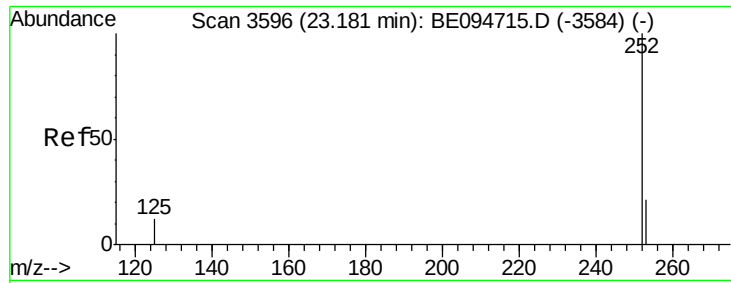
Sohil
11/4/2017 2:17:01 PM



#19
Chrysene
Concen: 0.046 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094728.D
Acq: 4 Nov 2017 3:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	44.2	23.4	35.0#
229	40.4	17.7	26.5#





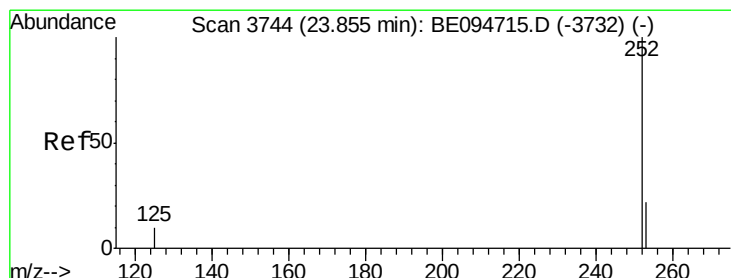
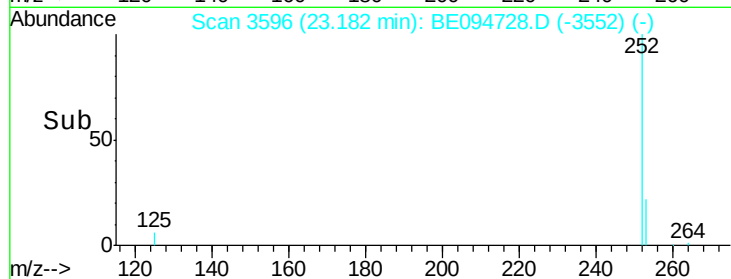
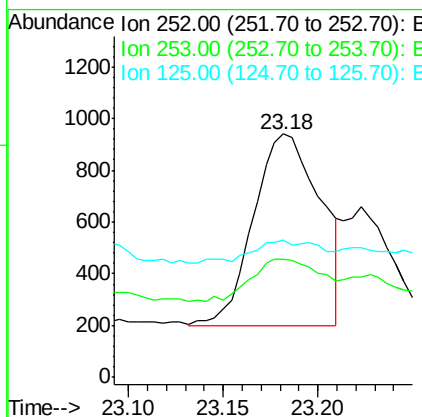
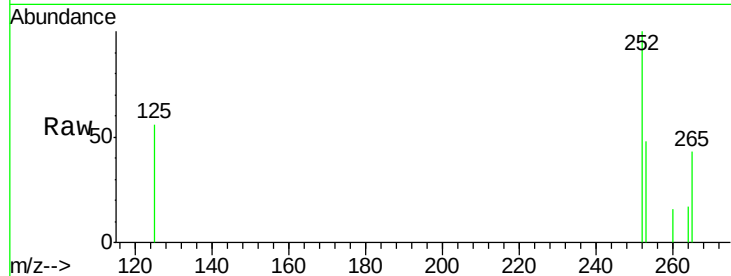
#21
Benzo(b)fluoranthene
Concen: 0.050 ng/ul m
RT: 23.18 min Scan# 3596
Delta R.T. 0.00 min
Lab File: BE094728.D
Acq: 4 Nov 2017 3:25

Instrument :
BNA_E
ClientSampleId :
B-20(5-6)-101817

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	48.4	0.0	64.2
125	56.4	0.0	35.0#

Manual Integrations
APPROVED

Sohil
11/4/2017 2:17:01 PM



#23
Benzo(a)pyrene
Concen: 0.039 ng/ul
RT: 23.84 min Scan# 3740
Delta R.T. -0.02 min
Lab File: BE094728.D
Acq: 4 Nov 2017 3:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	53.1	28.5	42.7#
125	64.6	18.1	27.1#

