

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093551.D
 Acq On : 24 Jul 2017 22:59
 Operator : SJ/JU
 Sample : I4213-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B31

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:15 PM

Quant Time: Jul 25 11:05:19 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 06:10:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3188	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	17084	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	11625	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	29330m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	33225	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	27219m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8857	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	30809	0.33	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.76	128	2425	0.058	ng/ul#	95
12) Phenanthrene	17.29	178	2278	0.029	ng/ul#	90
15) Fluoranthene	19.31	202	6606	0.066	ng/ul	84
17) Pyrene	19.67	202	6369	0.066	ng/ul#	92
18) Benzo(a)anthracene	21.39	228	3554	0.037	ng/ul#	88
19) Chrysene	21.45	228	3905m	0.042	ng/ul	
21) Benzo(b)fluoranthene	23.15	252	6323	0.075	ng/ul	86
23) Benzo(a)pyrene	23.81	252	3911m	0.049	ng/ul	
26) Benzo(g,h,i)perylene	27.38	276	2550m	0.034	ng/ul	

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

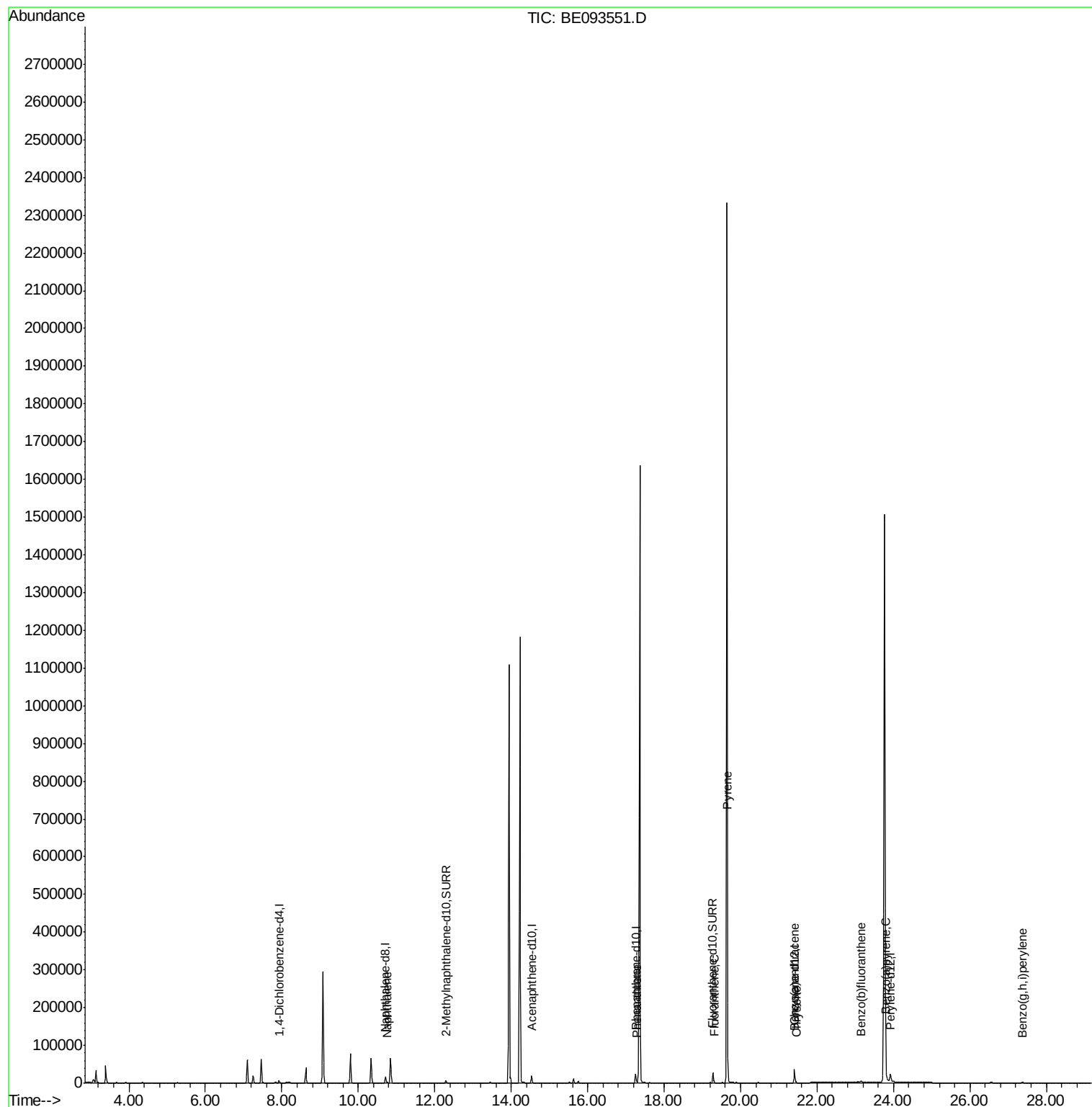
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093551.D
Acq On : 24 Jul 2017 22:59
Operator : SJ/JU
Sample : I4213-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

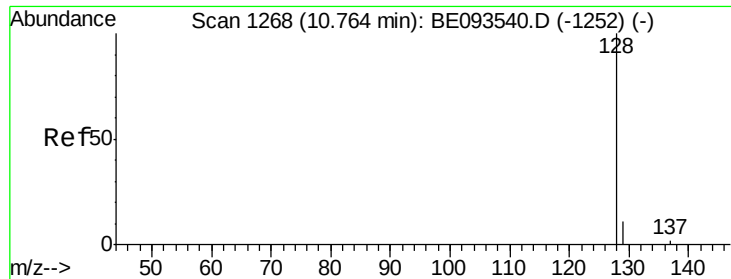
Instrument :
BNA_E
ClientSampleId :
C0B31

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:15 PM

Quant Time: Jul 25 11:05:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.058 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE093551.D

Acq: 24 Jul 2017 22:59

Instrument :

BNA_E

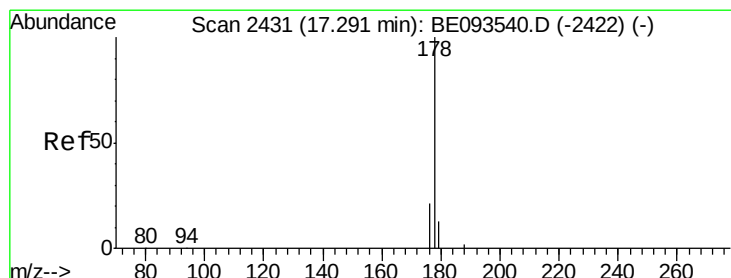
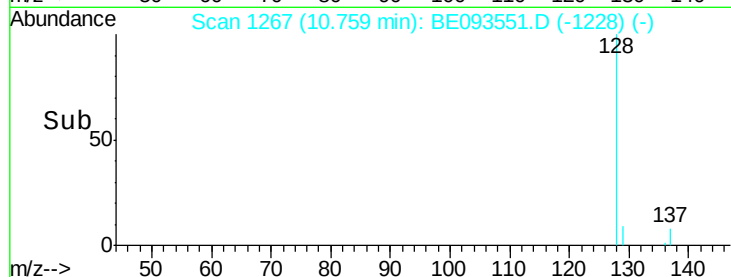
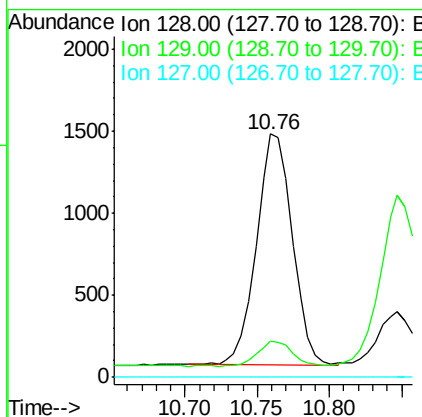
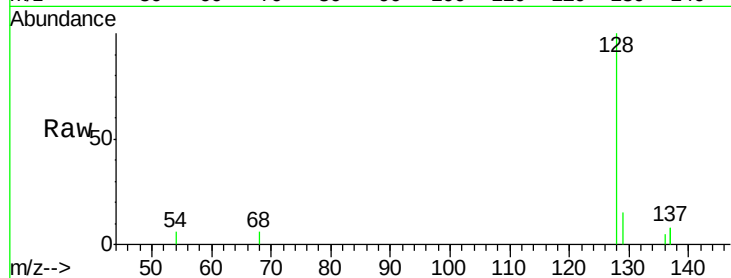
ClientSampleId :

C0B31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.7	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:15 PM



#12

Phenanthrene

Concen: 0.029 ng/ul

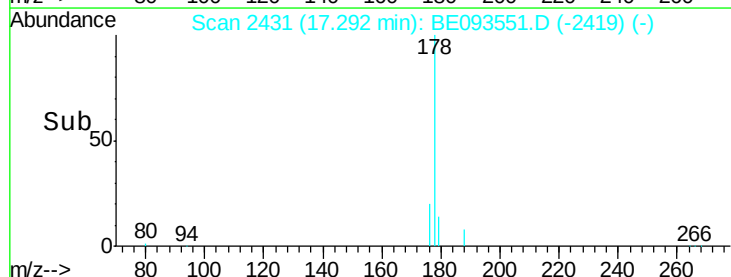
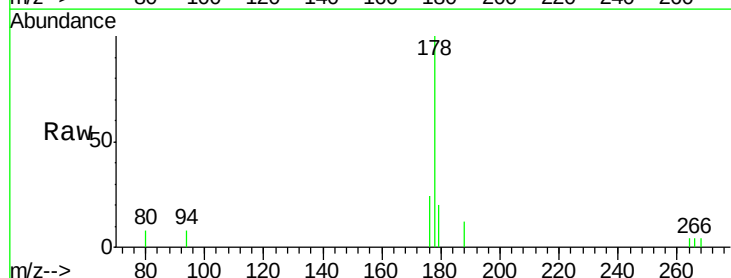
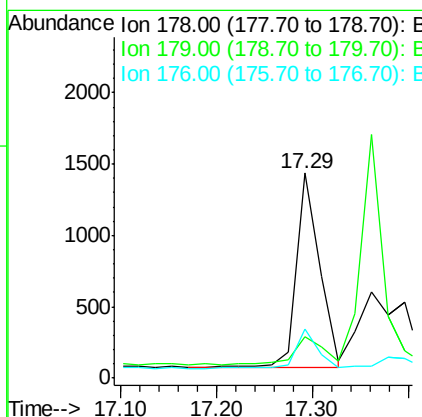
RT: 17.29 min Scan# 2431

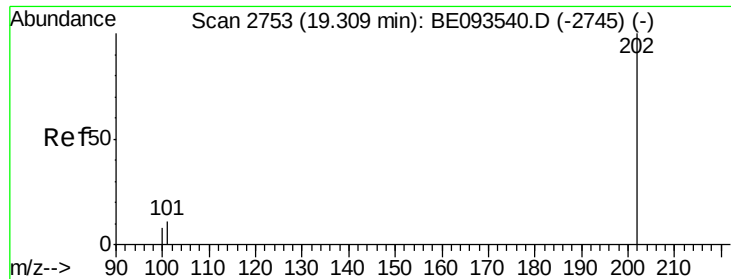
Delta R.T. 0.00 min

Lab File: BE093551.D

Acq: 24 Jul 2017 22:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.2	18.4	27.6
176	23.9	13.6	20.4





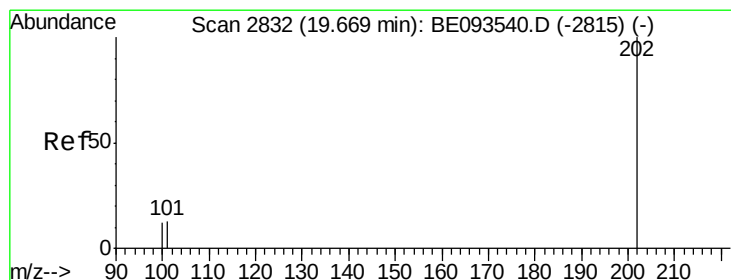
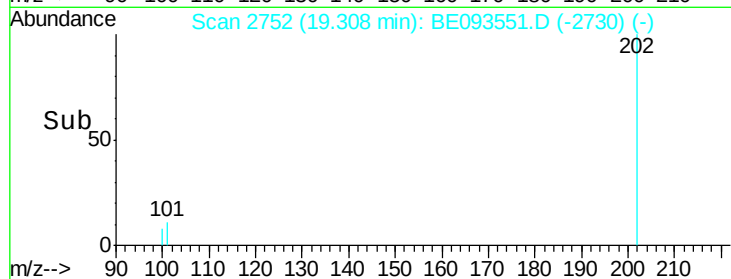
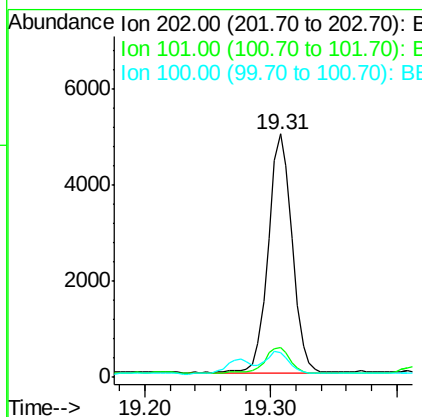
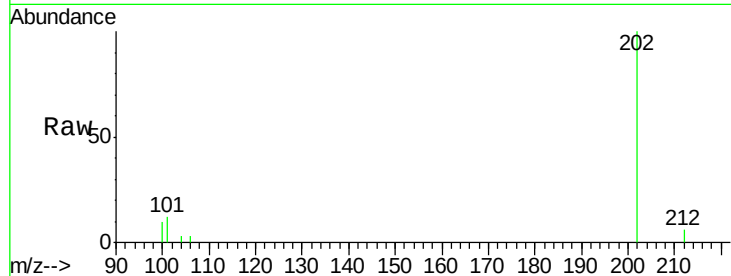
#15
Fluoranthene
Concen: 0.066 ng/ul
RT: 19.31 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE093551.D
Acq: 24 Jul 2017 22:59

Instrument :
BNA_E
ClientSampleId :
C0B31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	6606		
101	12.4	0.0	30.3	
100	10.0	0.0	39.5	

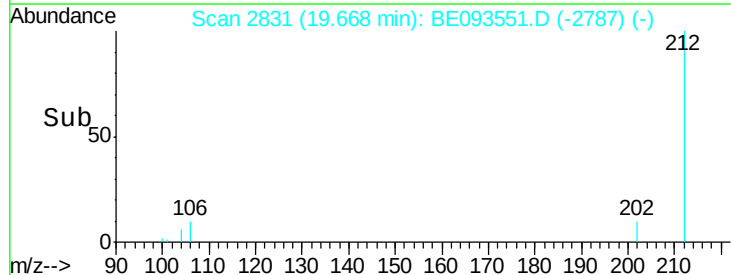
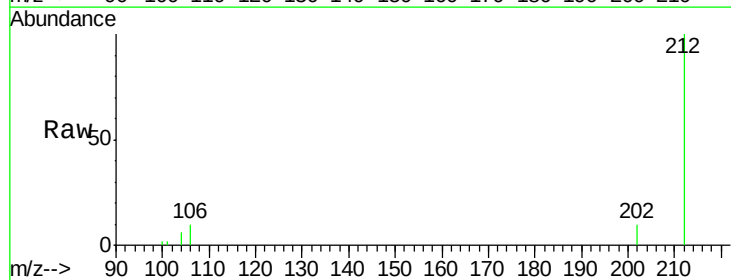
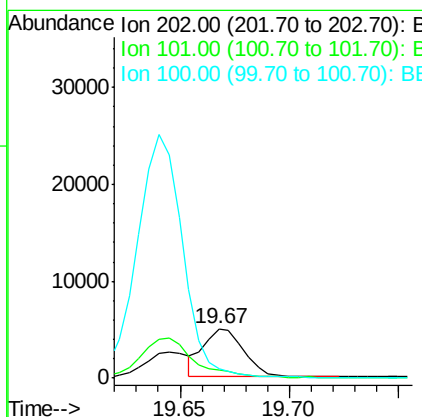
Manual Integrations
APPROVED

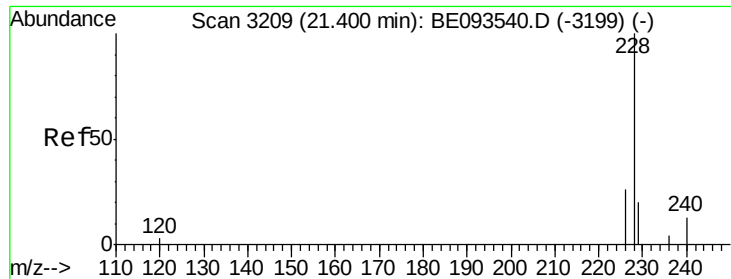
Sohil
7/25/2017 5:33:15 PM



#17
Pyrene
Concen: 0.066 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE093551.D
Acq: 24 Jul 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	6369		
101	16.0	18.2	27.4#	
100	19.1	15.6	23.4	





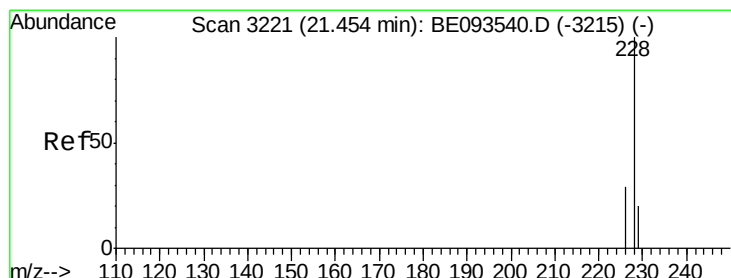
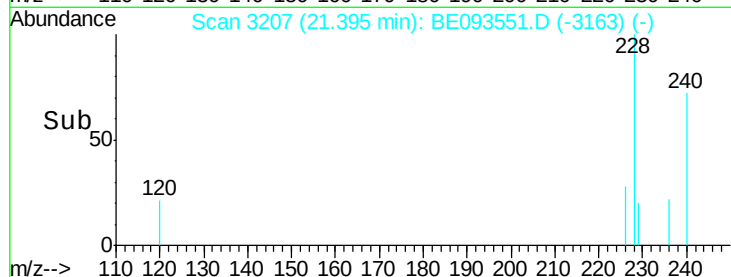
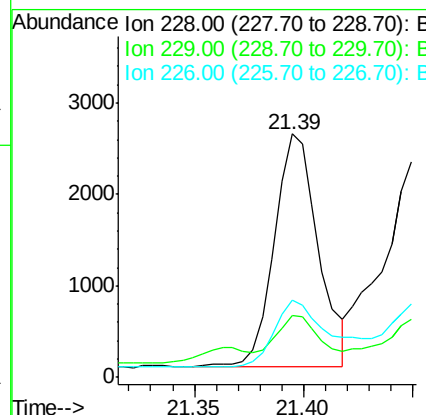
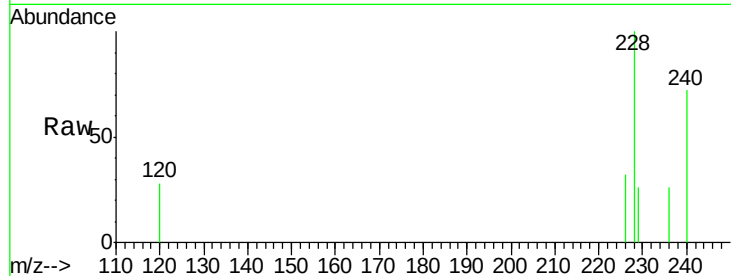
#18
Benzo(a)anthracene
Concen: 0.037 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093551.D
Acq: 24 Jul 2017 22:59

Instrument :
BNA_E
ClientSampleId :
C0B31

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.6	22.8	34.2
226	31.6	17.0	25.6

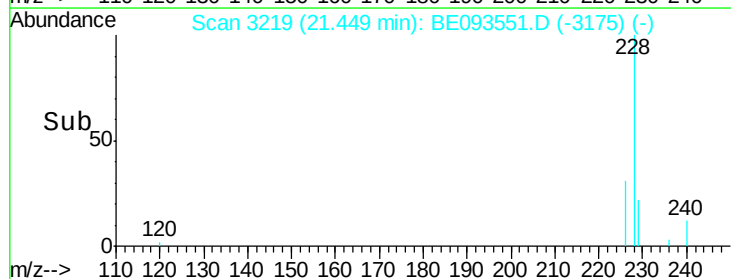
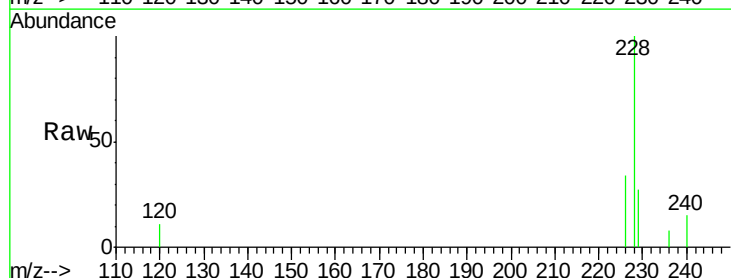
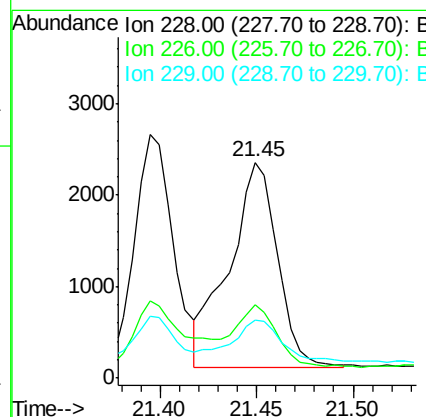
Manual Integrations
APPROVED

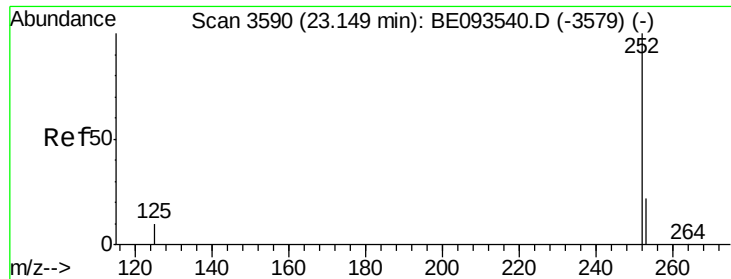
Sohil
7/25/2017 5:33:15 PM



#19
Chrysene
Concen: 0.042 ng/ul m
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE093551.D
Acq: 24 Jul 2017 22:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	23.4	35.0
229	27.1	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.075 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BE093551.D

Acq: 24 Jul 2017 22:59

Instrument :

BNA_E

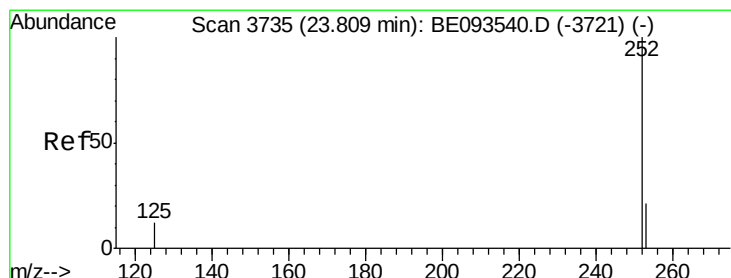
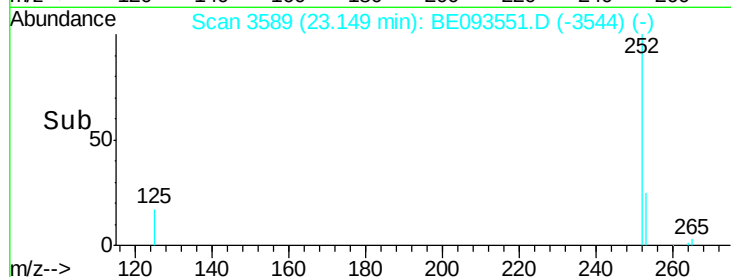
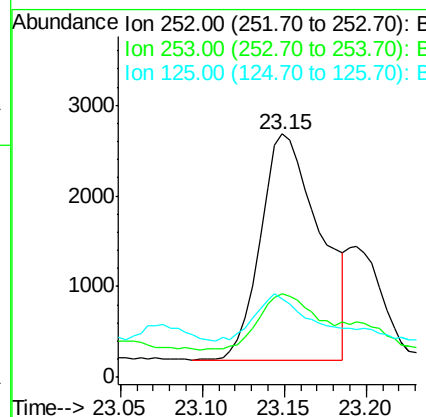
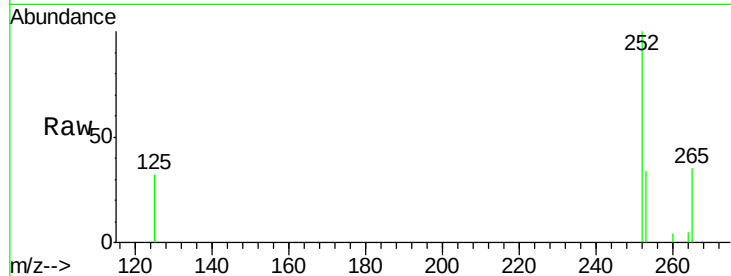
ClientSampleId :

C0B31

Tgt Ion:	252	Resp:	6323
Ion Ratio	Lower	Upper	
252	100		
253	34.2	0.0	64.2
125	32.0	0.0	35.0

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:15 PM



#23

Benzo(a)pyrene

Concen: 0.049 ng/ul m

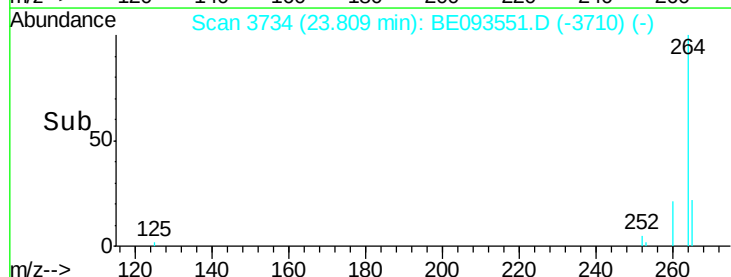
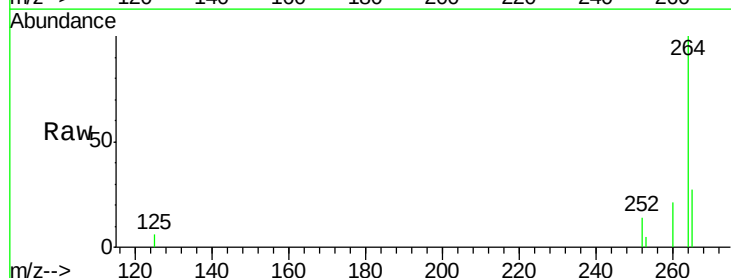
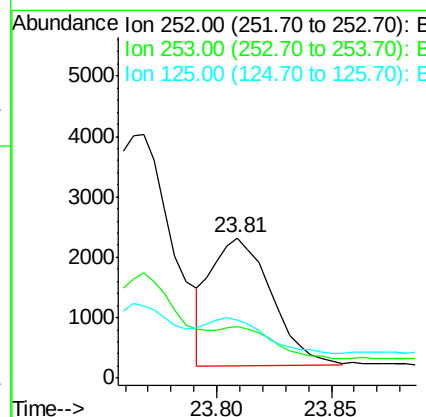
RT: 23.81 min Scan# 3734

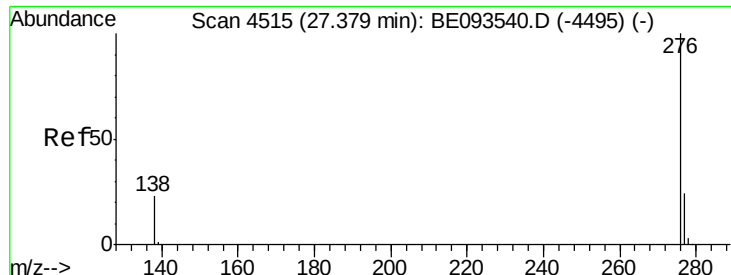
Delta R.T. 0.01 min

Lab File: BE093551.D

Acq: 24 Jul 2017 22:59

Tgt Ion:	252	Resp:	3911
Ion Ratio	Lower	Upper	
252	100		
253	36.9	28.5	42.7
125	40.9	18.1	27.1#





#26

Benzo(g,h,i)perylene

Concen: 0.034 ng/ul m

RT: 27.38 min Scan# 4513

Delta R.T. 0.00 min

Lab File: BE093551.D

Acq: 24 Jul 2017 22:59

Instrument :

BNA_E

ClientSampleId :

C0B31

Tgt Ion: 276 Resp: 2550

Ion Ratio Lower Upper

276 100

138 35.2 21.8 32.8#

277 31.4 20.5 30.7#

Manual Integrations
APPROVED

Sohil

7/25/2017 5:33:15 PM

