

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
 Data File : BE093321.D
 Acq On : 21 Jun 2017 18:32
 Operator : SJ/JU
 Sample : I3625-20DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A02DL

Manual Integrations
 APPROVED

mohammad
 6/22/2017 11:49:12 AM

Quant Time: Jun 22 03:43:53 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 02:10:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1623	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9012	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5605	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13671	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	13999	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	12735	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	359	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	906	0.02	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.56	128	606	0.03	ng/ul#	81
7) Acenaphthylene	14.08	152	1271	0.05	ng/ul	95
12) Phenanthrene	17.13	178	2813	0.07	ng/ul#	91
13) Anthracene	17.22	178	2162m	0.07	ng/ul	
15) Fluoranthene	19.15	202	10501	0.23	ng/ul	83
17) Pyrene	19.51	202	14137	0.34	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	7289	0.20	ng/ul#	85
19) Chrysene	21.29	228	9070	0.23	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	14103m	0.36	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	4839m	0.12	ng/ul	
23) Benzo(a)pyrene	23.55	252	7629	0.21	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.17	276	4874	0.12	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.19	278	1369	0.04	ng/ul#	61
26) Benzo(g,h,i)perylene	26.95	276	3330	0.09	ng/ul#	92

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

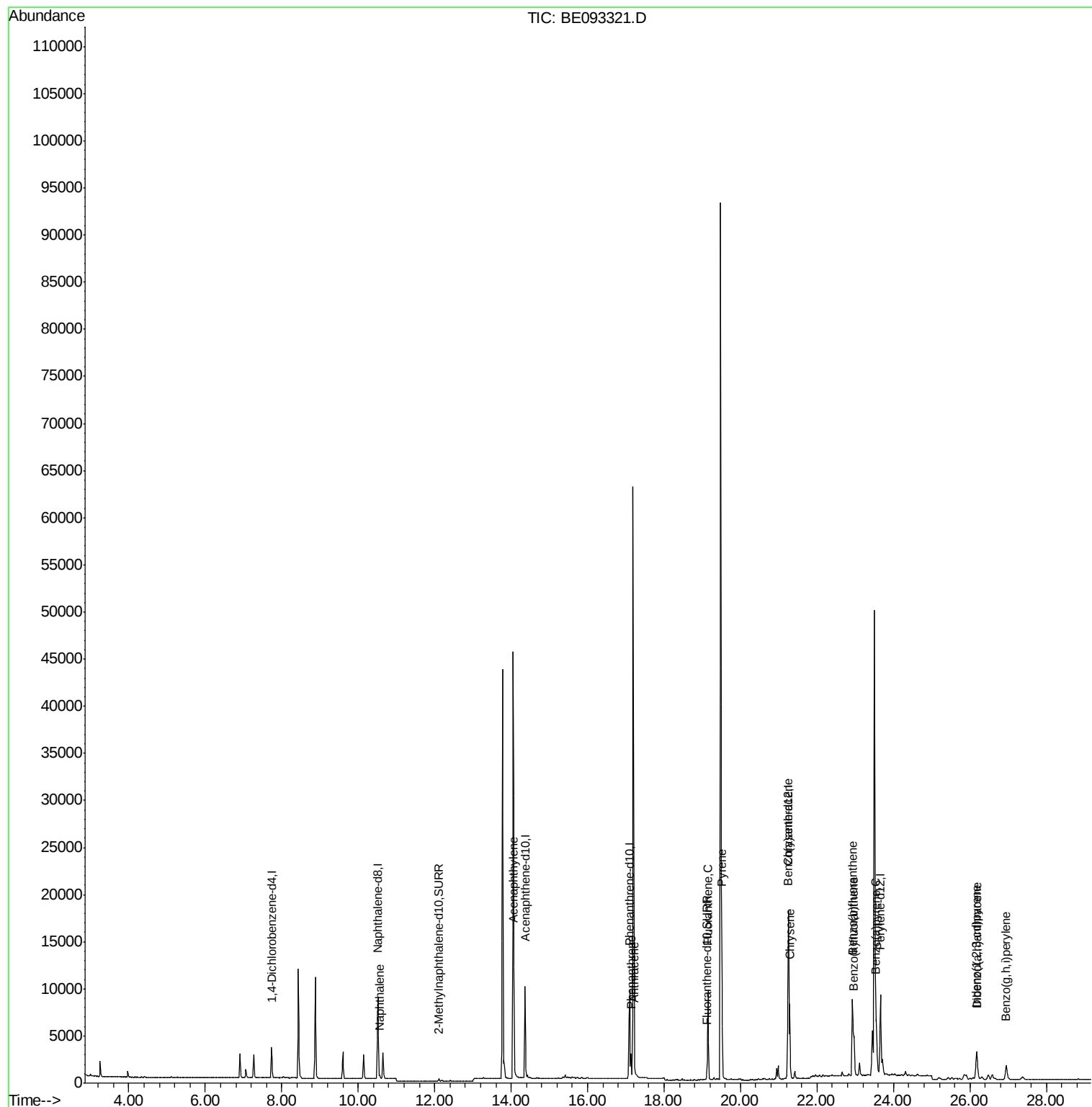
Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
Data File : BE093321.D
Acq On : 21 Jun 2017 18:32
Operator : SJ/JU
Sample : I3625-20DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

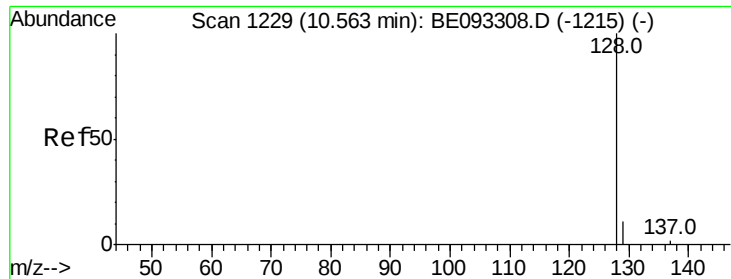
Instrument :
BNA_E
ClientSampleId :
F5A02DL

Manual Integrations
APPROVED

mohammad
6/22/2017 11:49:12 AM

Quant Time: Jun 22 03:43:53 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 02:10:17 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093321.D

Acq: 21 Jun 2017 18:32

Instrument :

BNA_E

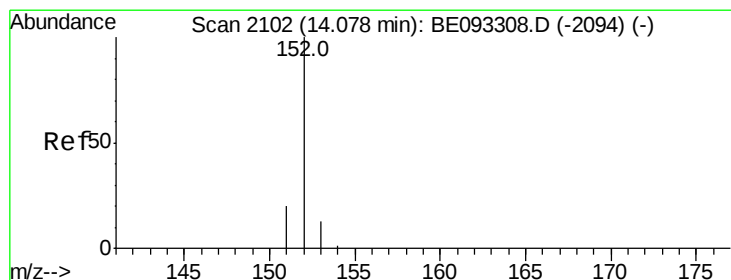
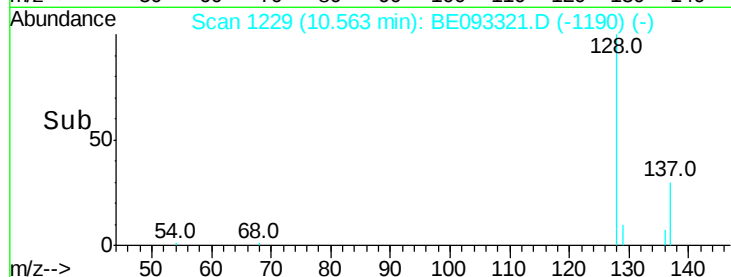
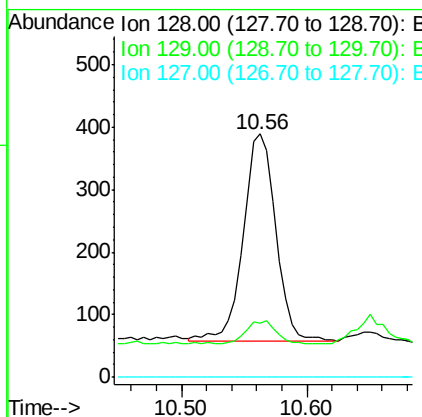
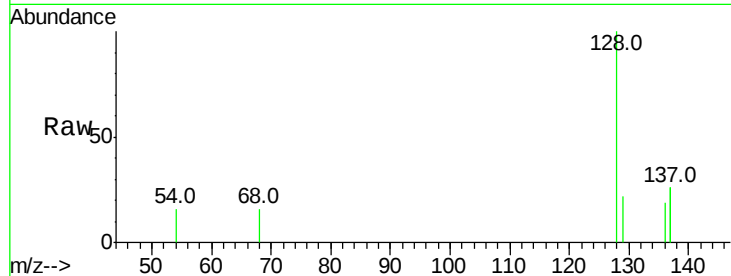
ClientSampleID :

F5A02DL

Tot Ion:	128	Resp:	606
Ion Ratio	Lower	Upper	
128	100		
129	22.4	11.3	16.9#
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

mohammad
6/22/2017 11:49:12 AM



#7

Acenaphthylene

Concen: 0.05 ng/ul

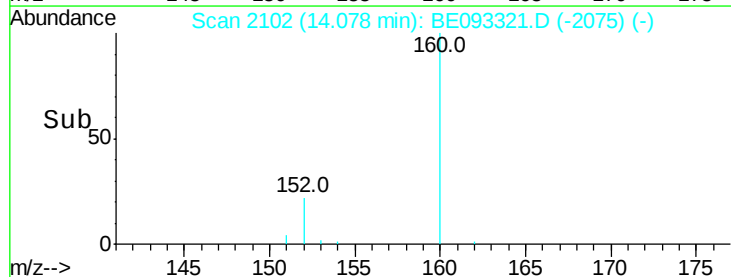
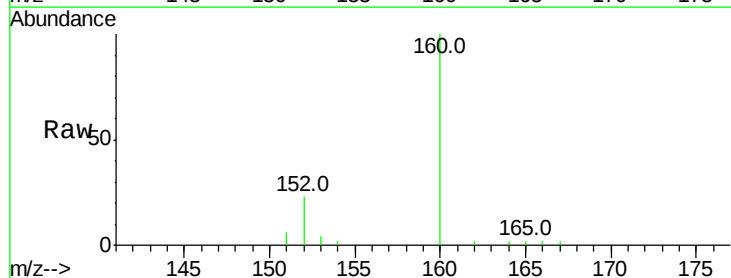
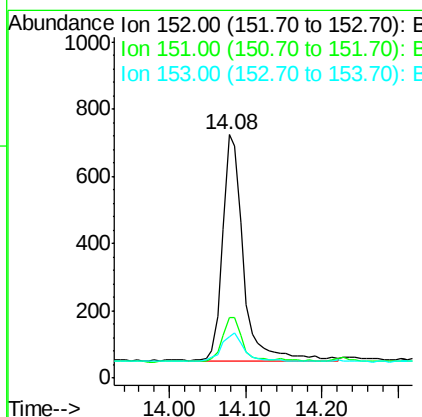
RT: 14.08 min Scan# 2102

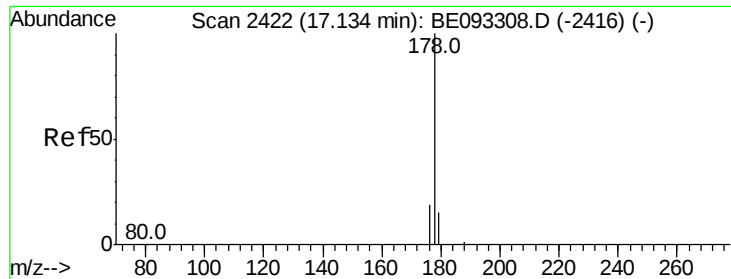
Delta R.T. -0.00 min

Lab File: BE093321.D

Acq: 21 Jun 2017 18:32

Tgt Ion:	152	Resp:	1271
Ion Ratio	Lower	Upper	
152	100		
151	25.1	17.1	25.7
153	16.8	12.8	19.2





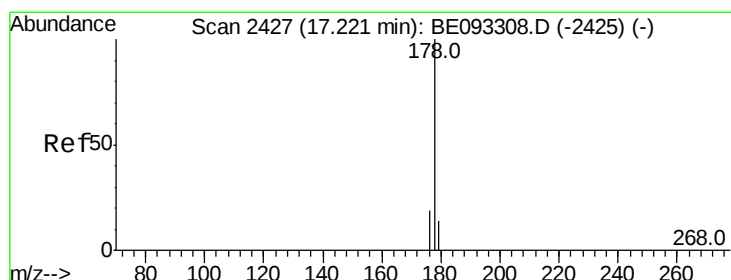
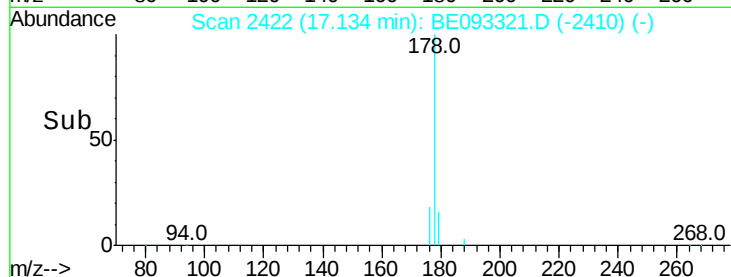
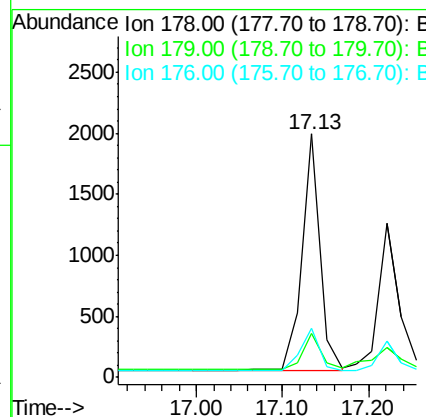
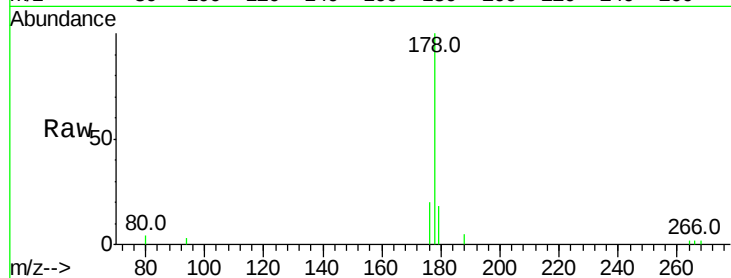
#12
Phenanthrene
Concen: 0.07 ng/ul
RT: 17.13 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093321.D
Acq: 21 Jun 2017 18:32

Instrument :
BNA_E
ClientSampleId :
F5A02DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.2	18.4	27.6#
176	20.1	13.6	20.4

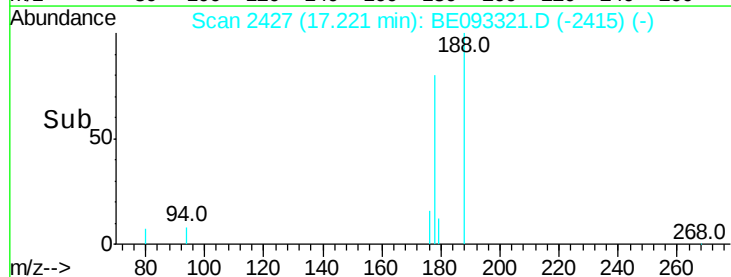
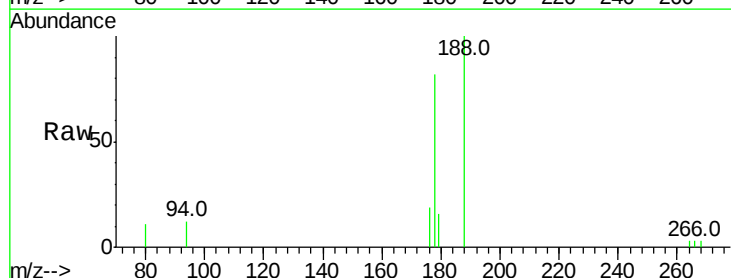
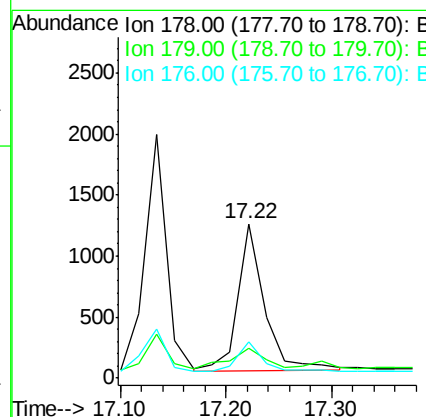
Manual Integrations
APPROVED

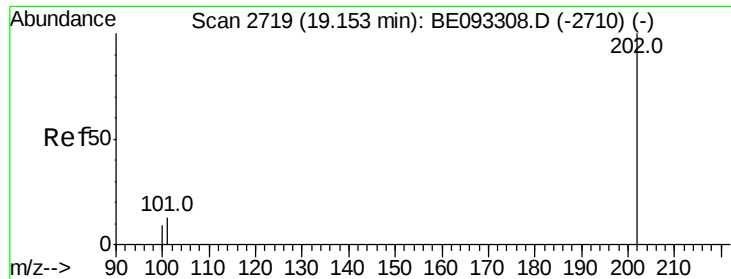
mohammad
6/22/2017 11:49:12 AM



#13
Anthracene
Concen: 0.07 ng/ul m
RT: 17.22 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BE093321.D
Acq: 21 Jun 2017 18:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.3	18.1	27.1
176	23.1	14.7	22.1#





#15

Fluoranthene

Concen: 0.23 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BE093321.D

Acq: 21 Jun 2017 18:32

Instrument :

BNA_E

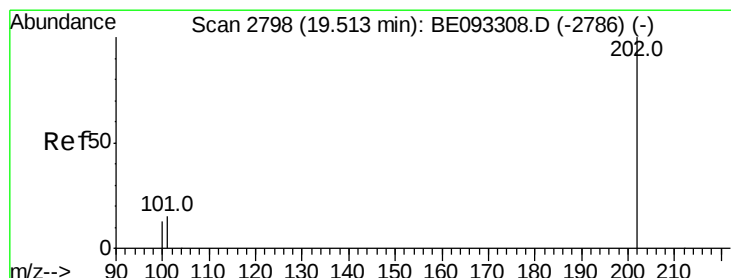
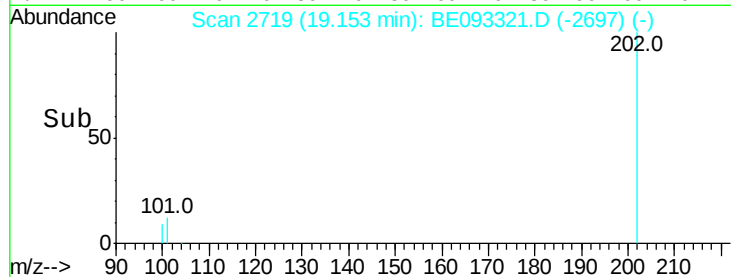
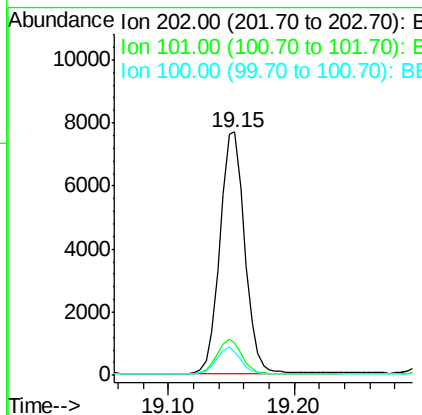
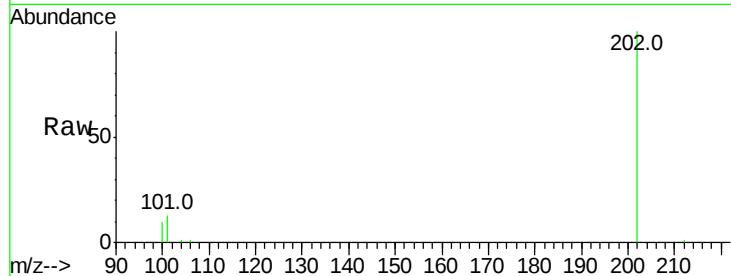
ClientSampleId :

F5A02DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	10501		
101	13.1	0.0	30.3	
100	9.5	0.0	39.5	

Manual Integrations
APPROVED

mohammad
6/22/2017 11:49:12 AM



#17

Pyrene

Concen: 0.34 ng/ul

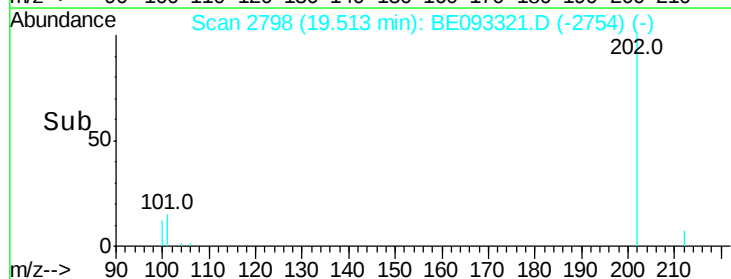
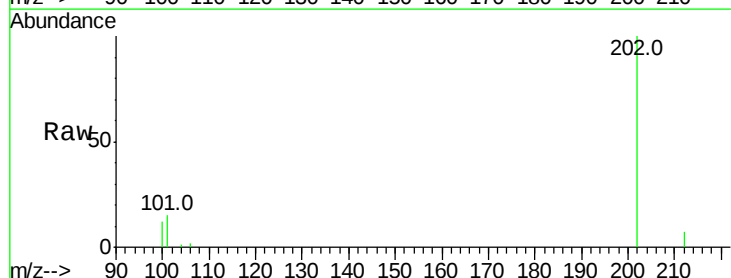
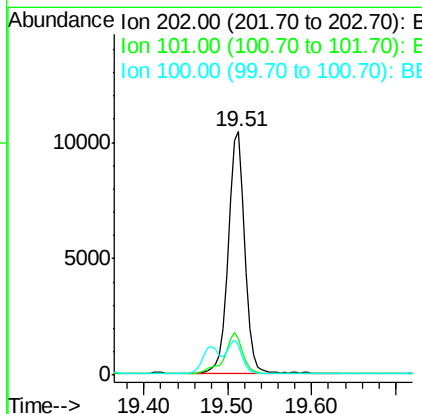
RT: 19.51 min Scan# 2798

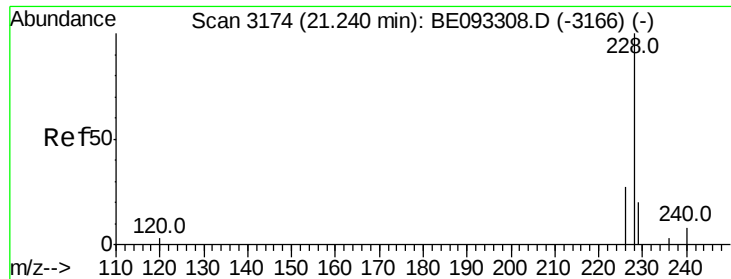
Delta R.T. -0.00 min

Lab File: BE093321.D

Acq: 21 Jun 2017 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	14137		
101	15.0	18.2	27.4#	
100	12.1	15.6	23.4#	





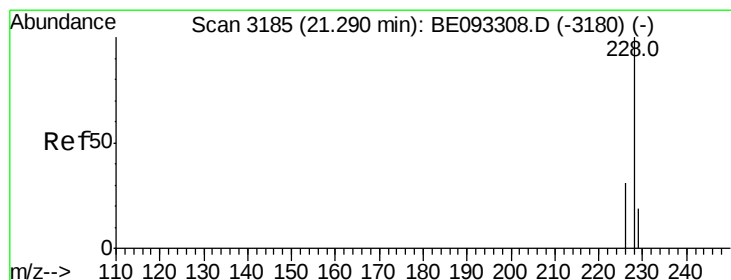
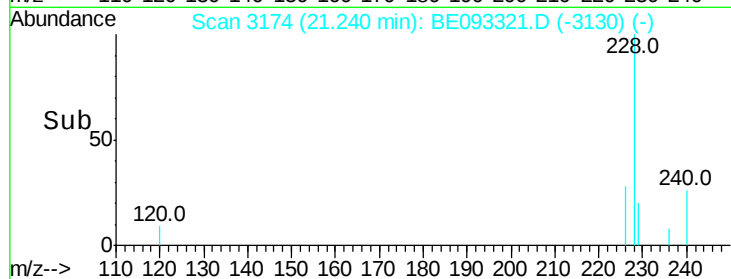
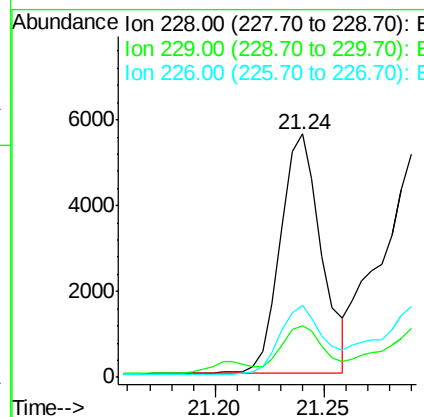
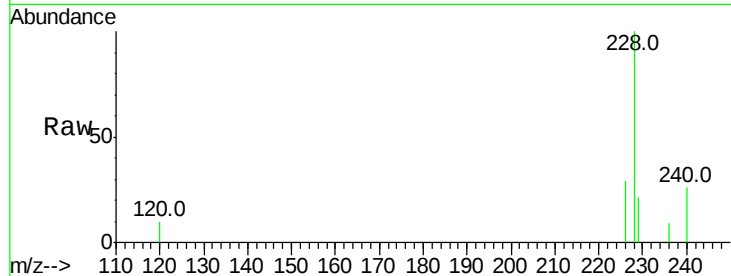
#18
Benzo(a)anthracene
Concen: 0.20 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093321.D
Acq: 21 Jun 2017 18:32

Instrument :
BNA_E
ClientSampleId :
F5A02DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	22.8	34.2#
226	29.4	17.0	25.6#

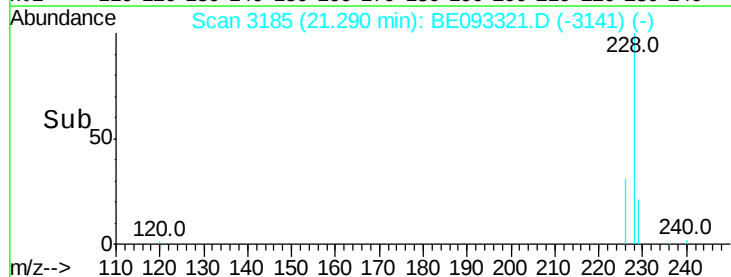
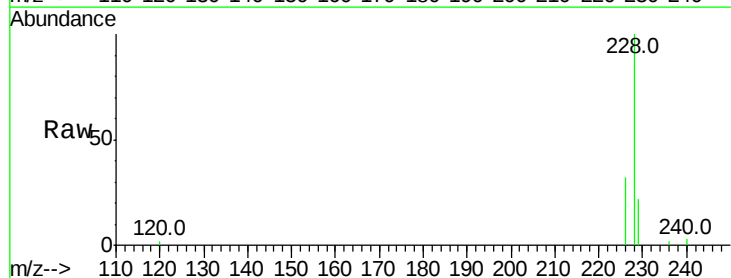
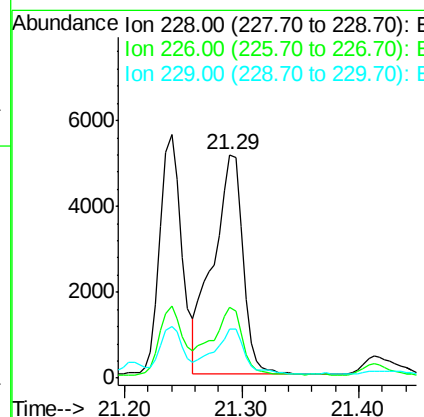
Manual Integrations
APPROVED

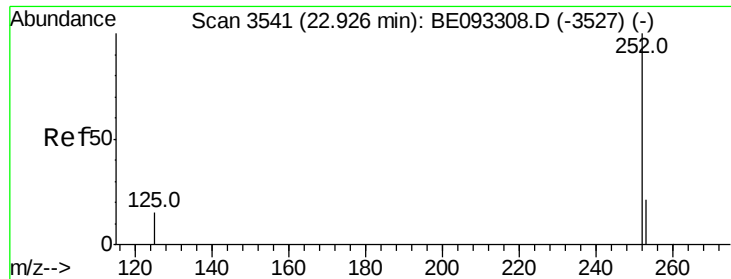
mohammad
6/22/2017 11:49:12 AM



#19
Chrysene
Concen: 0.23 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093321.D
Acq: 21 Jun 2017 18:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.0
229	22.1	17.7	26.5





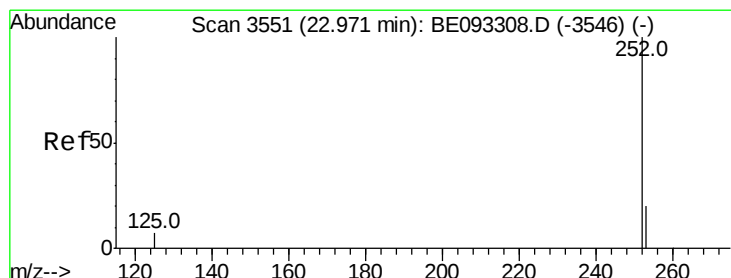
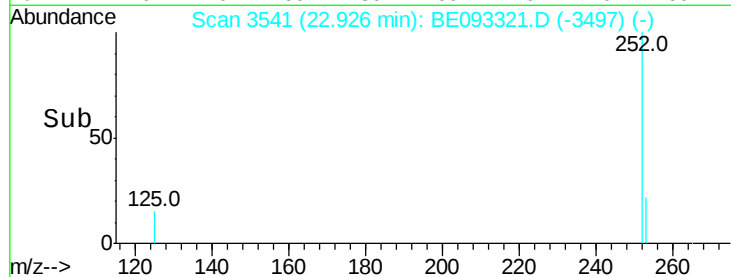
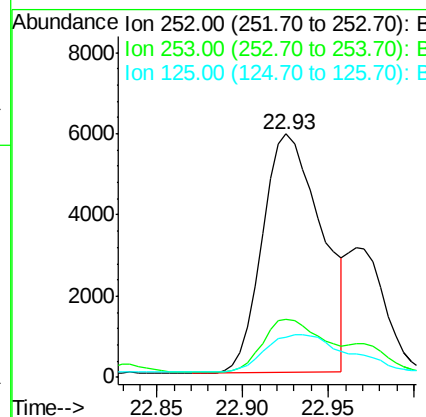
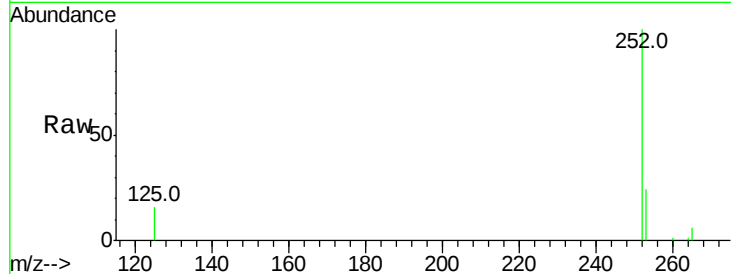
#21
Benzo(b)fluoranthene
Concen: 0.36 ng/ul m
RT: 22.93 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BE093321.D
Acq: 21 Jun 2017 18:32

Instrument :
BNA_E
ClientSampleId :
F5A02DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	64.2
125	16.5	0.0	35.0

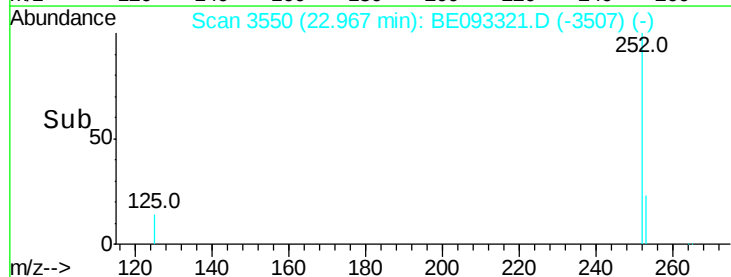
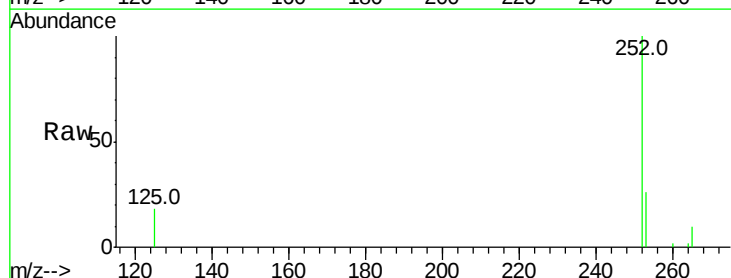
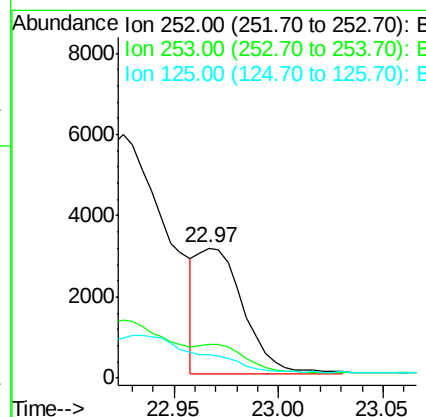
Manual Integrations
APPROVED

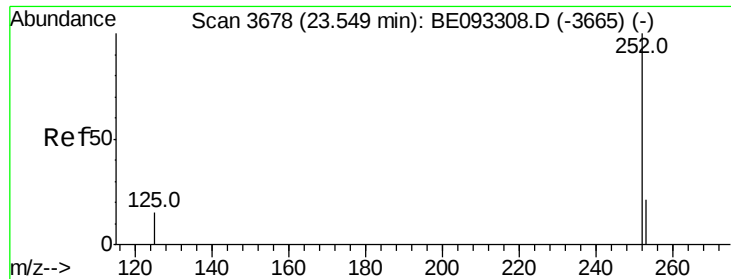
mohammad
6/22/2017 11:49:12 AM



#22
Benzo(k)fluoranthene
Concen: 0.12 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE093321.D
Acq: 21 Jun 2017 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	24.5	36.7
125	18.0	13.7	20.5





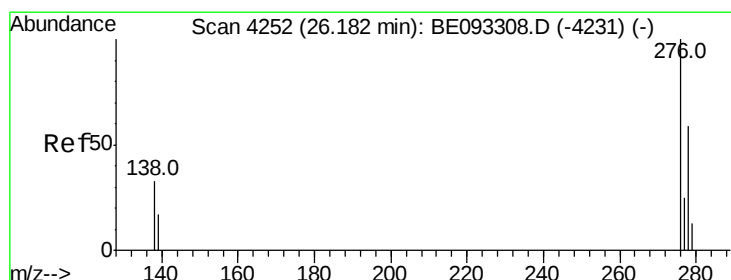
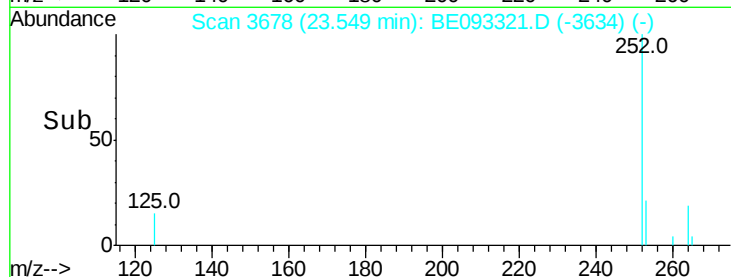
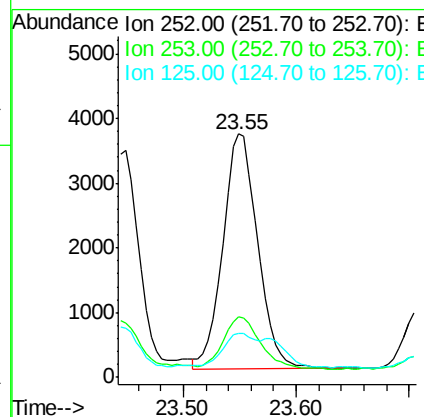
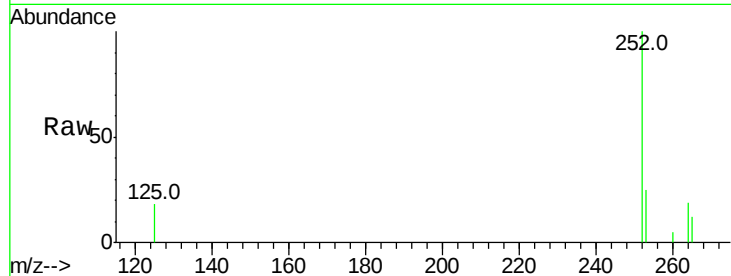
#23
Benzo(a)pyrene
Concen: 0.21 ng/ul
RT: 23.55 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BE093321.D
Acq: 21 Jun 2017 18:32

Instrument :
BNA_E
ClientSampleId :
F5A02DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	28.5	42.7#
125	18.3	18.1	27.1

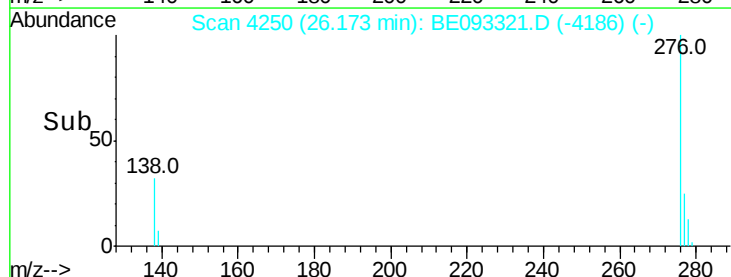
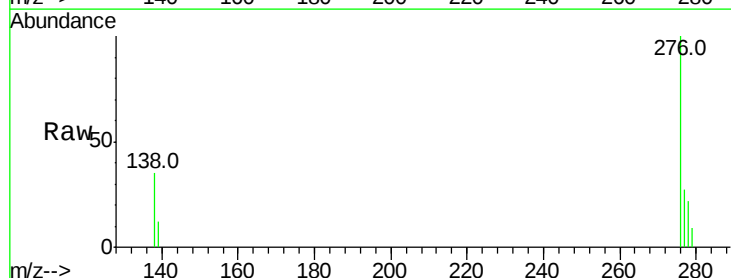
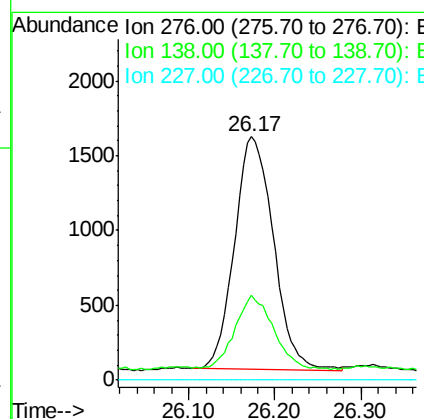
Manual Integrations
APPROVED

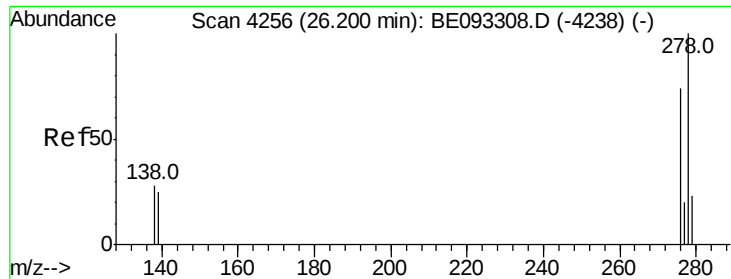
mohammad
6/22/2017 11:49:12 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng/ul
RT: 26.17 min Scan# 4250
Delta R.T. -0.01 min
Lab File: BE093321.D
Acq: 21 Jun 2017 18:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	28.0	42.0
227	0.0	8.0	12.0#





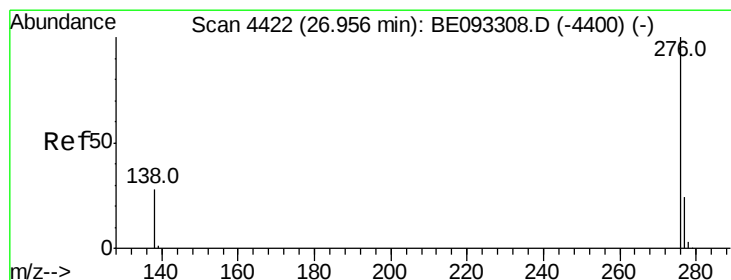
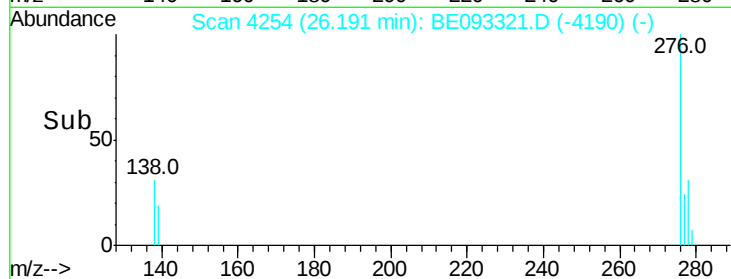
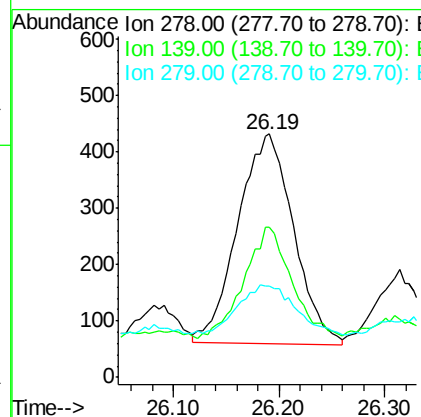
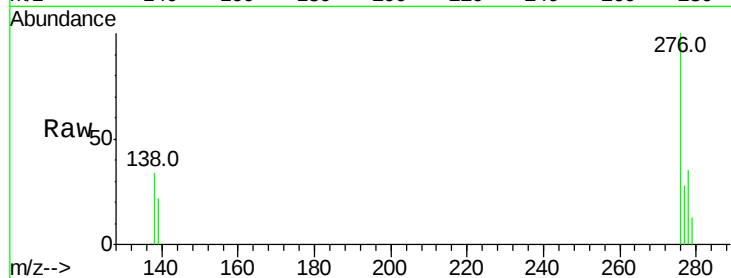
#25
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 26.19 min Scan# 4254
Delta R.T. -0.01 min
Lab File: BE093321.D
Acq: 21 Jun 2017 18:32

Instrument :
BNA_E
ClientSampleId :
F5A02DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	61.8	17.4	26.0#
279	37.5	25.9	38.9

Manual Integrations
APPROVED

mohammad
6/22/2017 11:49:12 AM



#26
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 26.95 min Scan# 4420
Delta R.T. -0.01 min
Lab File: BE093321.D
Acq: 21 Jun 2017 18:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.8#
277	28.0	20.5	30.7

