

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093301.D
 Acq On : 21 Jun 2017 3:10
 Operator : SJ/JU
 Sample : I3599-05DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A81DL

Manual Integrations
 APPROVED

mohammad
 6/21/2017 12:19:21 PM

Quant Time: Jun 21 04:33:37 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 03:23:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1994	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	10975	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	6674	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	15973	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	16413	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	14865	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	582	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1485	0.03	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.56	128	964	0.035	ng/ul#	86
7) Acenaphthylene	14.08	152	5113	0.179	ng/ul	98
12) Phenanthrene	17.14	178	5066	0.115	ng/ul#	91
13) Anthracene	17.22	178	7006	0.183	ng/ul#	90
15) Fluoranthene	19.15	202	32053	0.595	ng/ul	83
17) Pyrene	19.51	202	38754	0.801	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	23829	0.544	ng/ul#	85
19) Chrysene	21.29	228	27559	0.607	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	51732m	1.147	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	16459m	0.344	ng/ul	
23) Benzo(a)pyrene	23.55	252	23707	0.556	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.17	276	16983	0.344	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	4331	0.104	ng/ul#	87
26) Benzo(g,h,i)perylene	26.95	276	13059	0.308	ng/ul	96

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

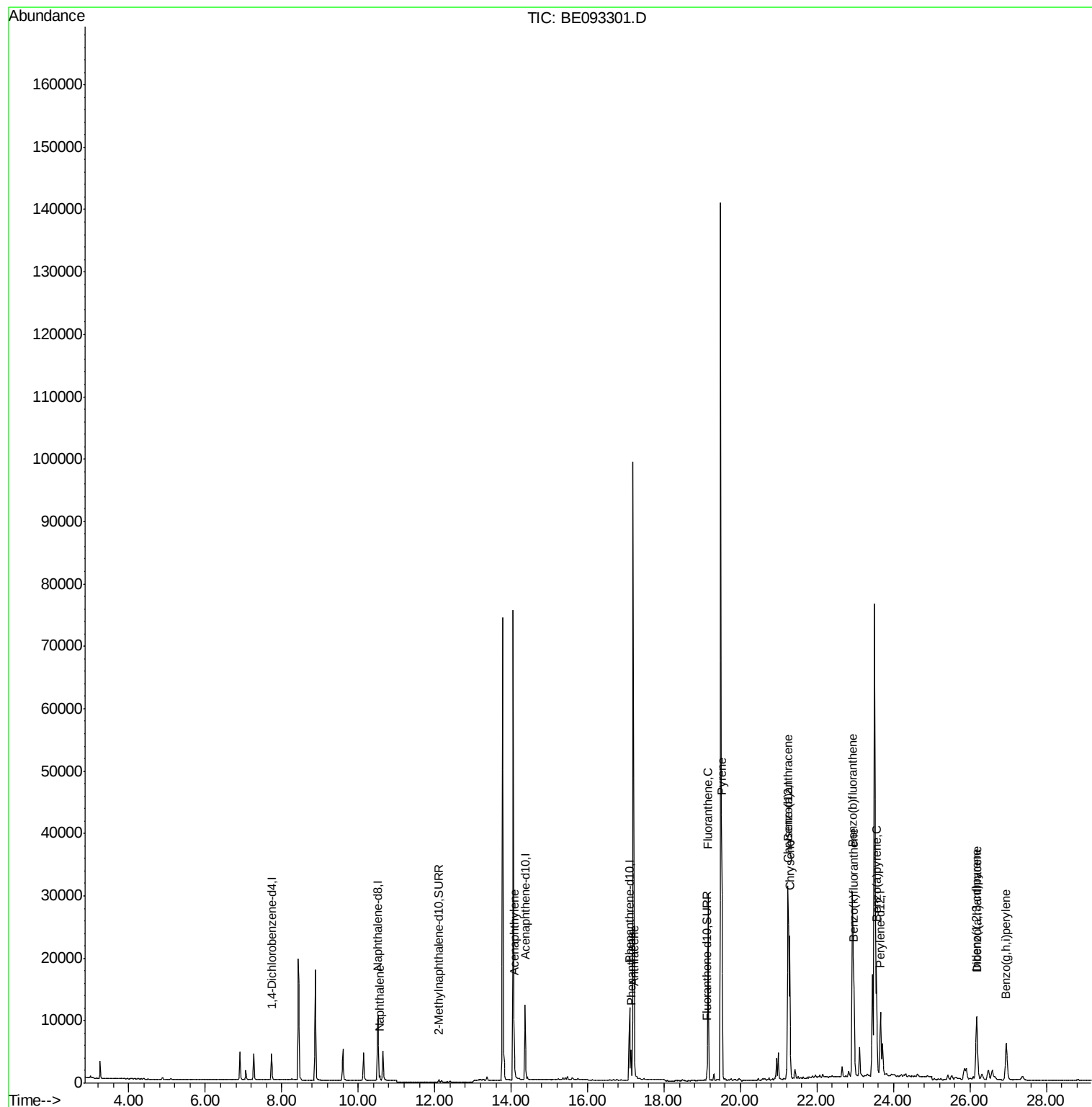
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Data File : BE093301.D
Acq On : 21 Jun 2017 3:10
Operator : SJ/JU
Sample : I3599-05DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A81DL

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:21 PM

Quant Time: Jun 21 04:33:37 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.035 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093301.D

Acq: 21 Jun 2017 3:10

Instrument :

BNA_E

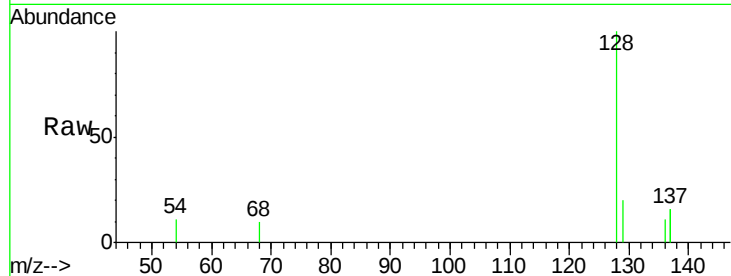
ClientSampleId :

F5A81DL

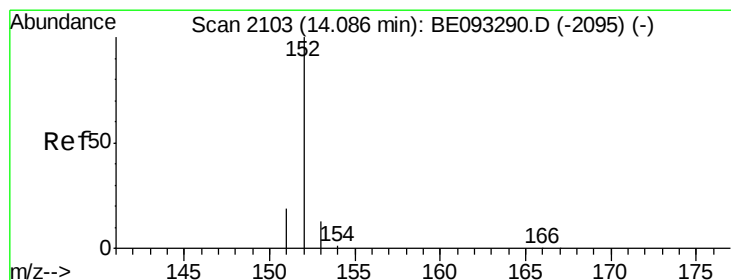
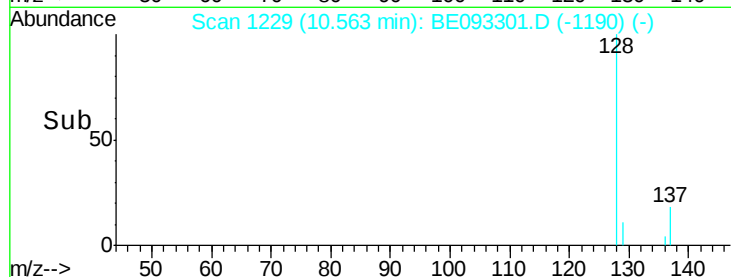
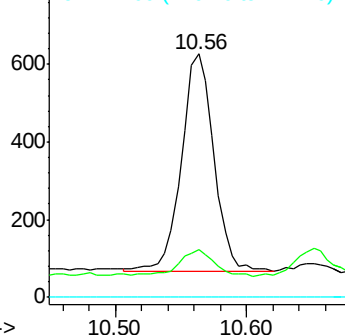
Tgt Ion:	128	Resp:	964
Ion Ratio	Lower	Upper	
128	100		
129	19.6	11.3	16.9#
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:21 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



#7

Acenaphthylene

Concen: 0.179 ng/ul

RT: 14.08 min Scan# 2102

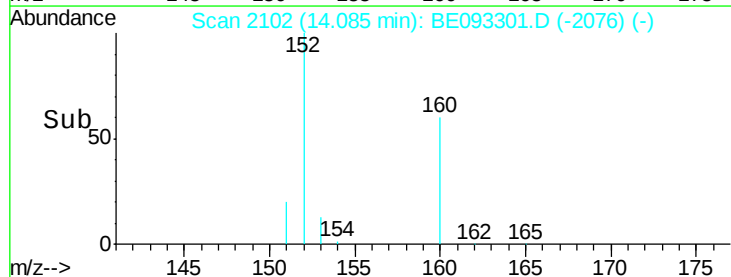
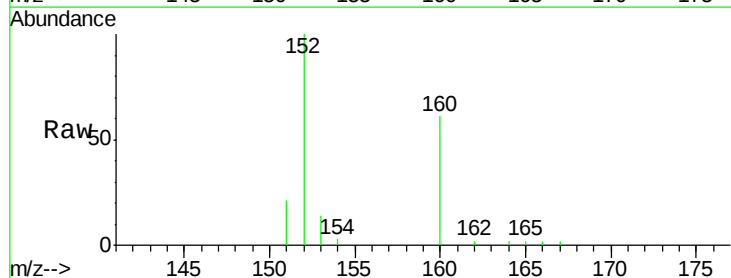
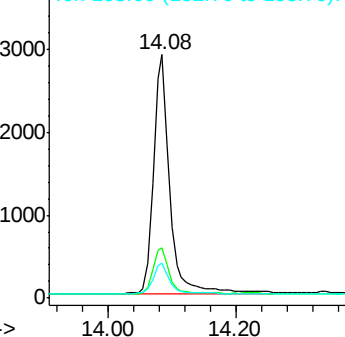
Delta R.T. -0.00 min

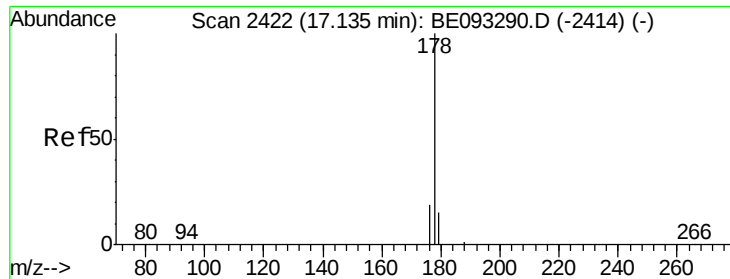
Lab File: BE093301.D

Acq: 21 Jun 2017 3:10

Tgt Ion:	152	Resp:	5113
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	14.5	12.8	19.2

Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.115 ng/ul

RT: 17.14 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BE093301.D

Acq: 21 Jun 2017 3:10

Instrument :

BNA_E

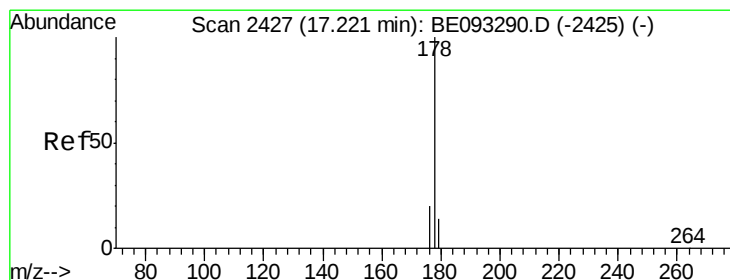
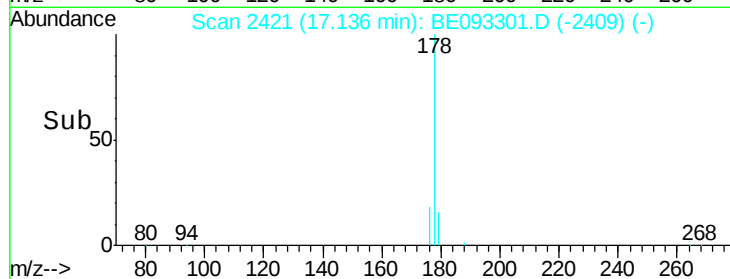
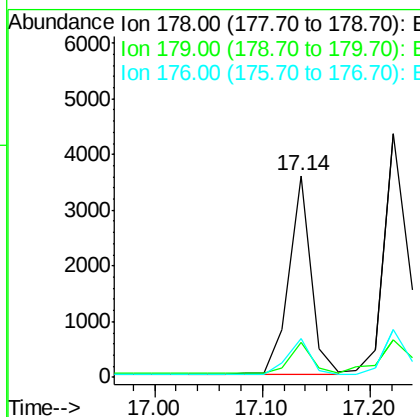
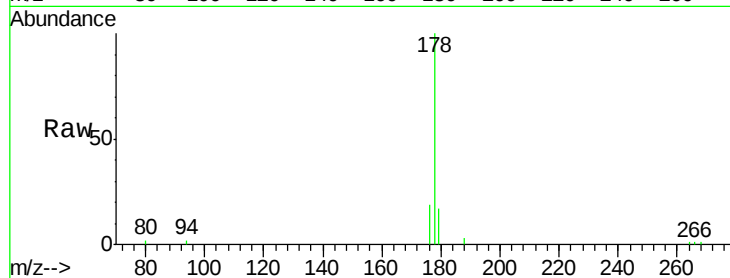
ClientSampleId :

F5A81DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.2	18.4	27.6#
176	19.1	13.6	20.4

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:21 PM



#13

Anthracene

Concen: 0.183 ng/ul

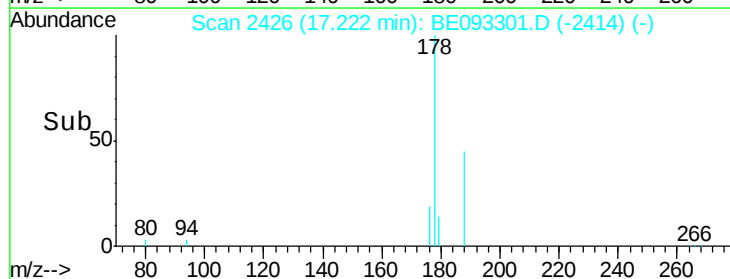
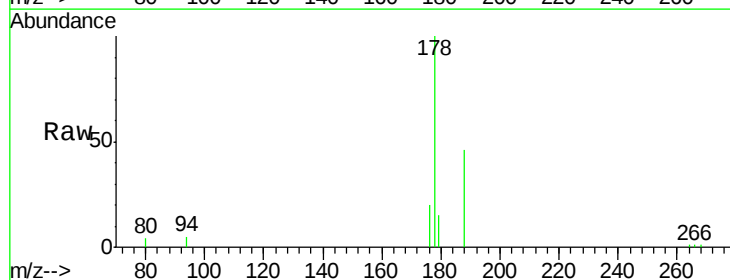
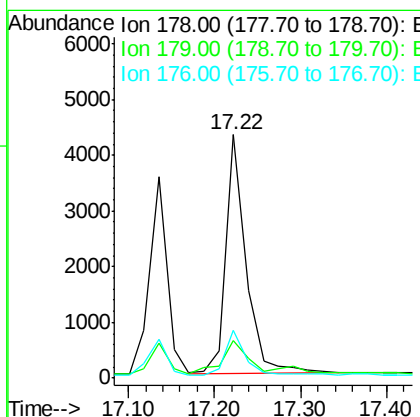
RT: 17.22 min Scan# 2426

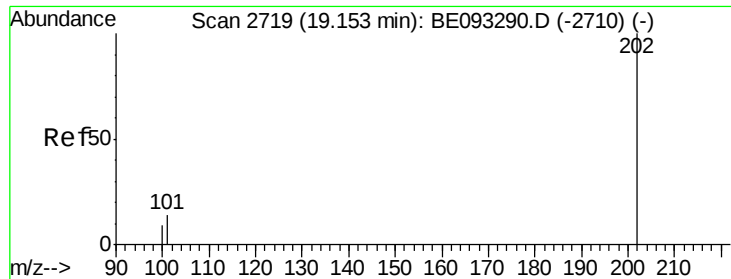
Delta R.T. 0.00 min

Lab File: BE093301.D

Acq: 21 Jun 2017 3:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	19.9	14.7	22.1





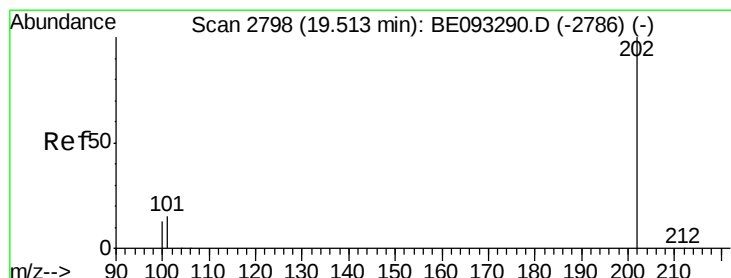
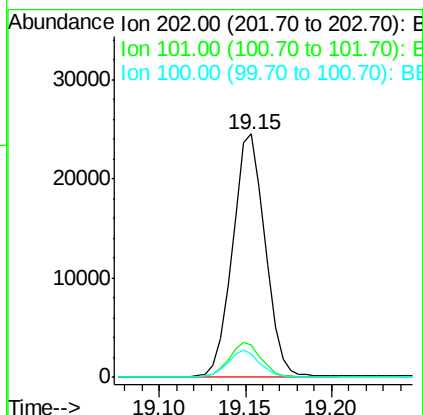
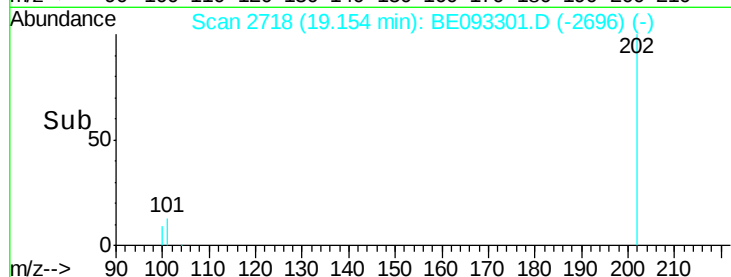
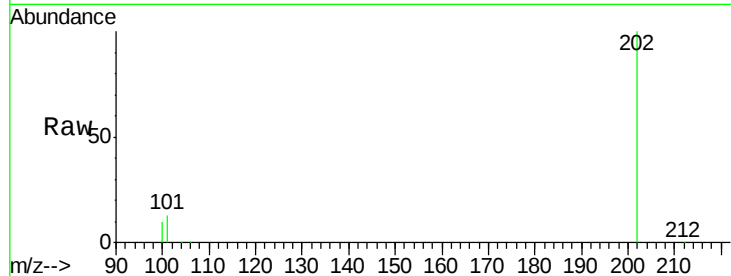
#15
Fluoranthene
Concen: 0.595 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. 0.00 min
Lab File: BE093301.D
Acq: 21 Jun 2017 3:10

Instrument :
BNA_E
ClientSampleId :
F5A81DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	0.0	30.3
100	9.6	0.0	39.5

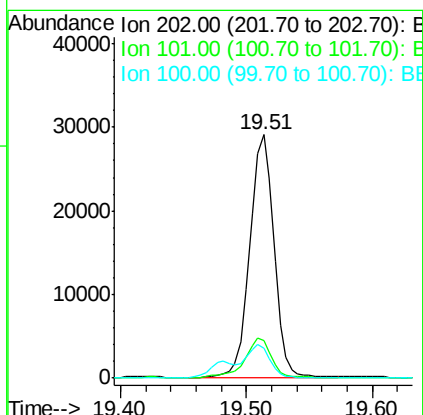
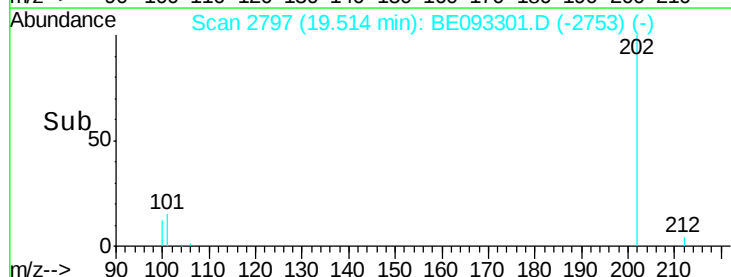
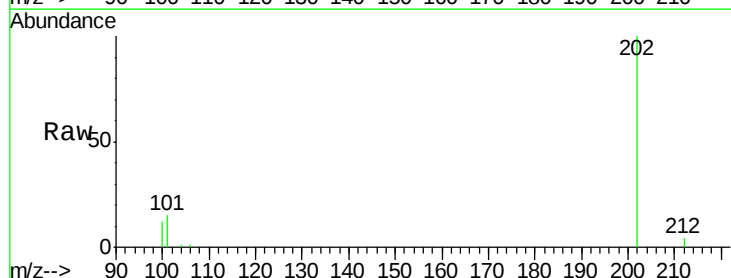
Manual Integrations
APPROVED

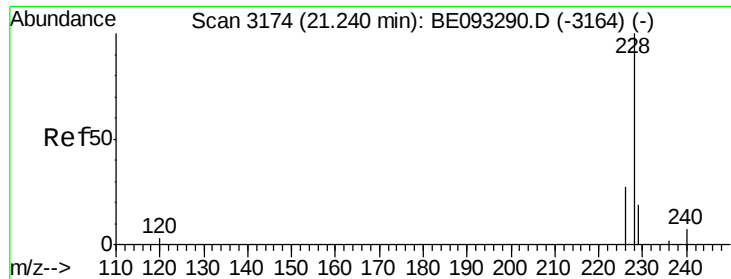
mohammad
6/21/2017 12:19:21 PM



#17
Pyrene
Concen: 0.801 ng/ul
RT: 19.51 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BE093301.D
Acq: 21 Jun 2017 3:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.5	18.2	27.4#
100	12.5	15.6	23.4#





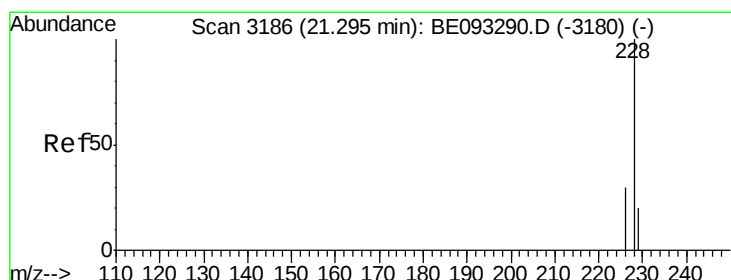
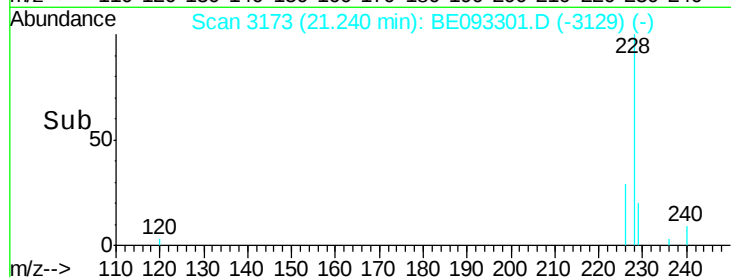
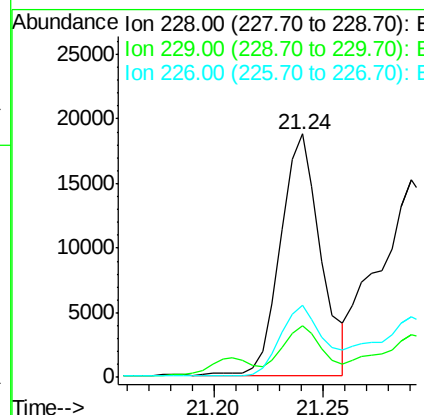
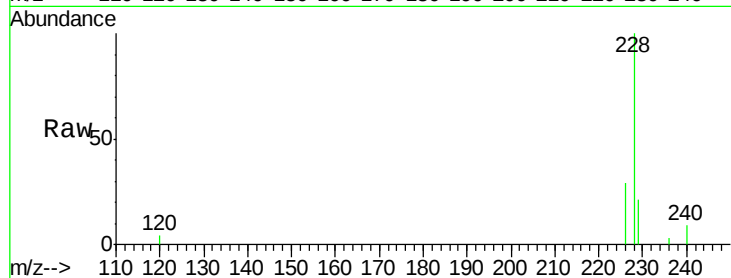
#18
Benzo(a)anthracene
Concen: 0.544 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE093301.D
Acq: 21 Jun 2017 3:10

Instrument :
BNA_E
ClientSampleId :
F5A81DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	23829		
229	21.3	22.8	34.2#	
226	29.5	17.0	25.6#	

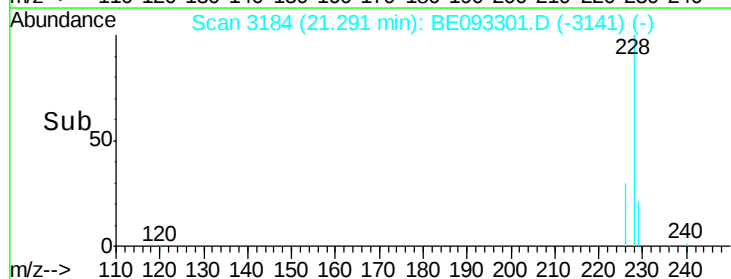
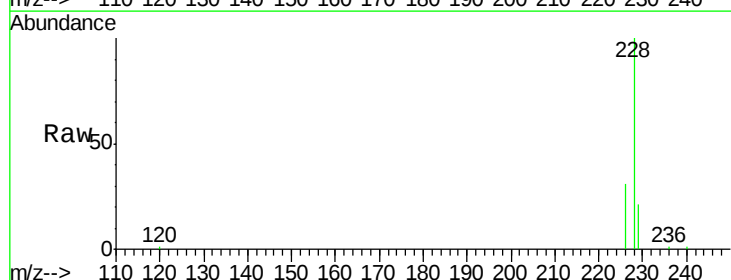
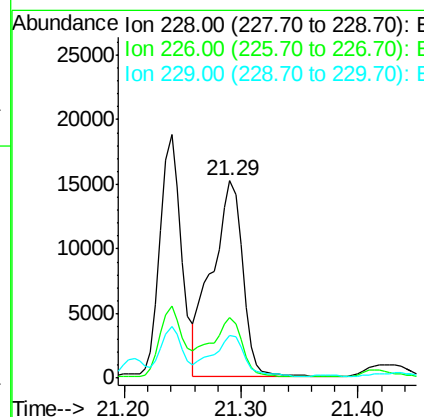
Manual Integrations
APPROVED

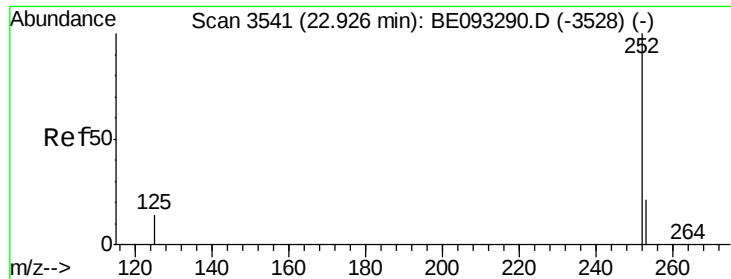
mohammad
6/21/2017 12:19:21 PM



#19
Chrysene
Concen: 0.607 ng/ul
RT: 21.29 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BE093301.D
Acq: 21 Jun 2017 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	27559		
226	30.8	23.4	35.0	
229	21.4	17.7	26.5	





#21

Benzo(b)fluoranthene

Concen: 1.147 ng/ul m

RT: 22.93 min Scan# 3540

Delta R.T. 0.00 min

Lab File: BE093301.D

Acq: 21 Jun 2017 3:10

Instrument :

BNA_E

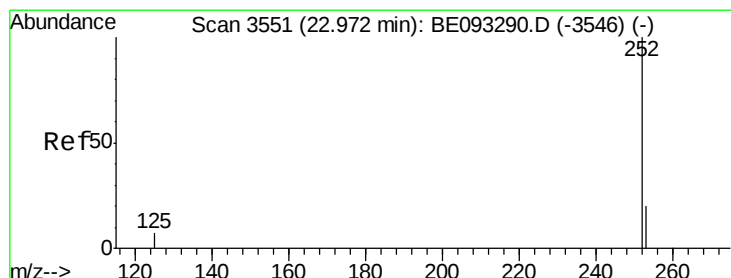
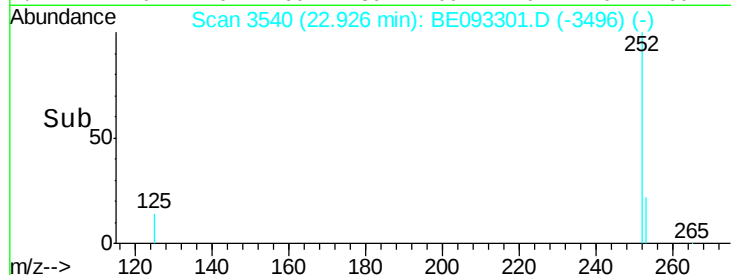
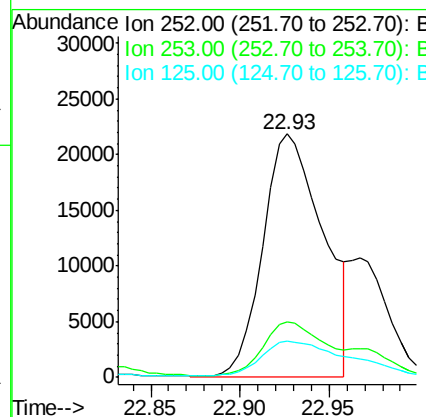
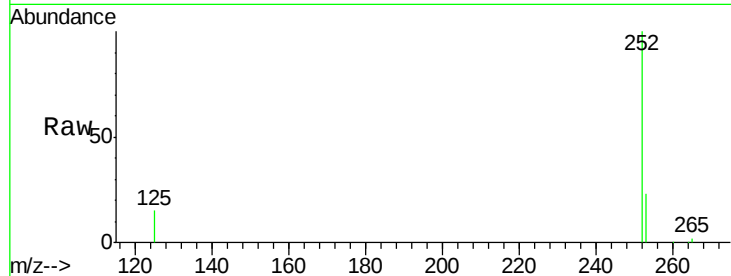
ClientSampled :

F5A81DL

Tgt Ion:	252	Resp:	51732
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	15.1	0.0	35.0

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:21 PM



#22

Benzo(k)fluoranthene

Concen: 0.344 ng/ul m

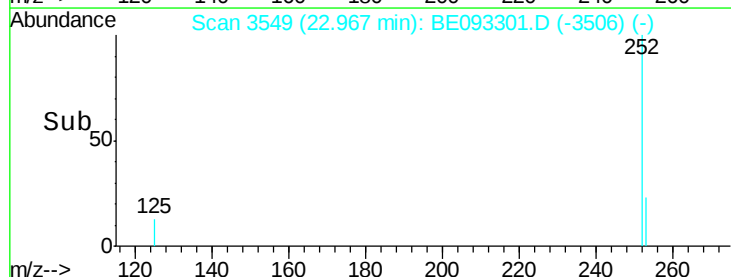
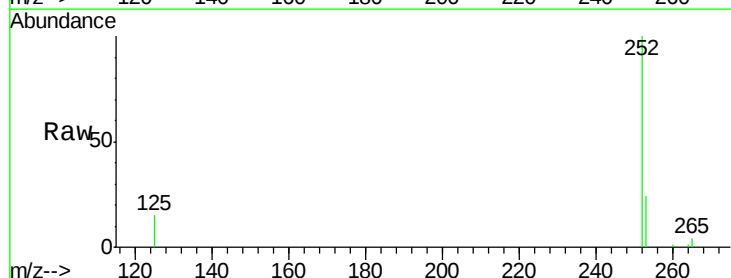
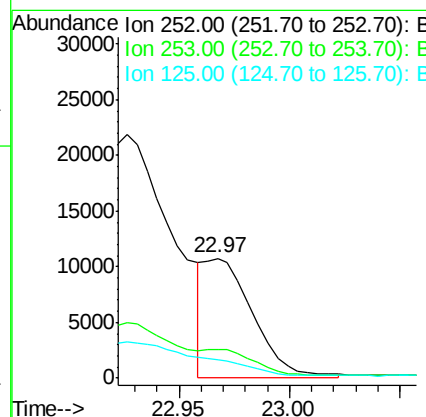
RT: 22.97 min Scan# 3549

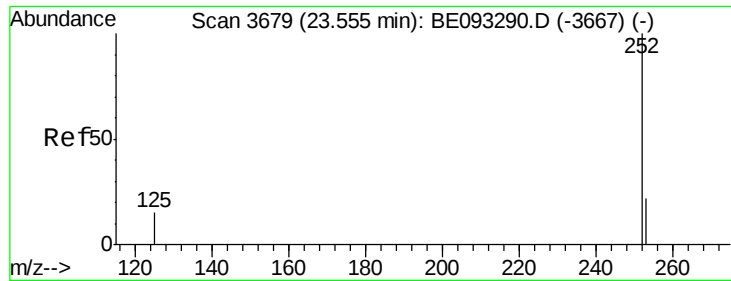
Delta R.T. -0.00 min

Lab File: BE093301.D

Acq: 21 Jun 2017 3:10

Tgt Ion:	252	Resp:	16459
Ion Ratio	Lower	Upper	
252	100		
253	24.1	24.5	36.7#
125	15.2	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.556 ng/ul

RT: 23.55 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BE093301.D

Acq: 21 Jun 2017 3:10

Instrument :

BNA_E

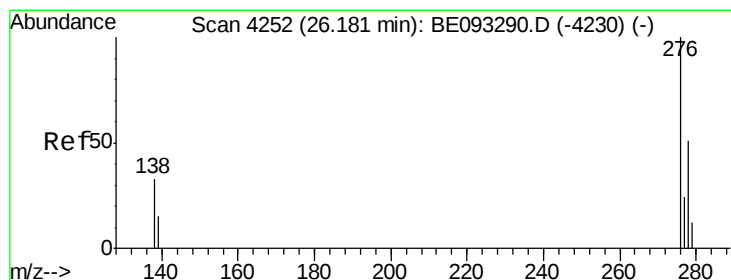
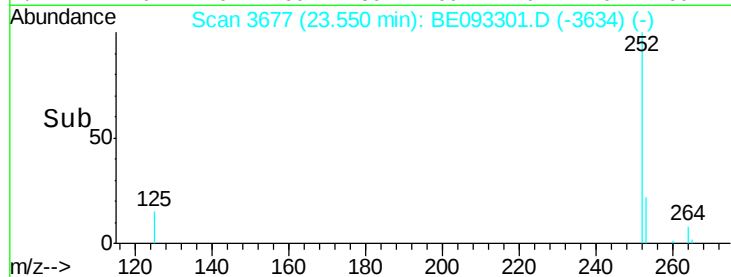
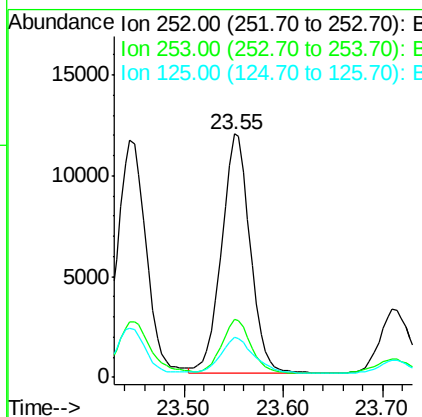
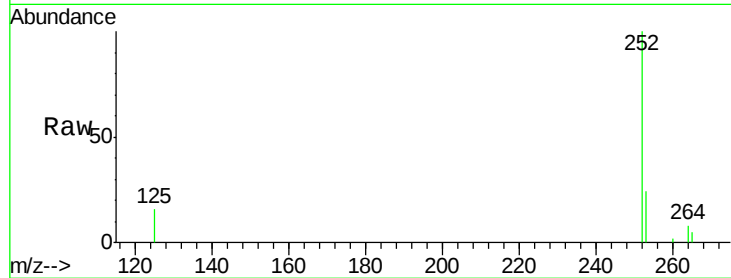
ClientSampleId :

F5A81DL

Tgt Ion:	252	Resp:	23707
Ion Ratio	Lower	Upper	
252	100		
253	23.7	28.5	42.7#
125	16.5	18.1	27.1#

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:21 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.344 ng/ul

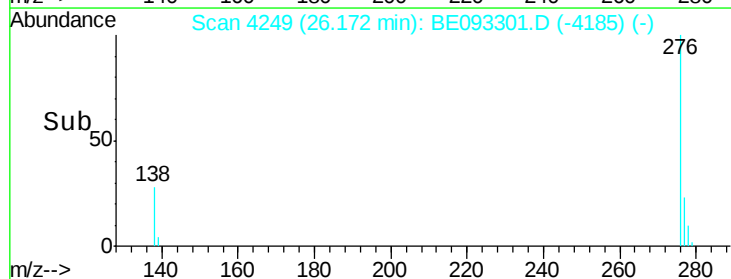
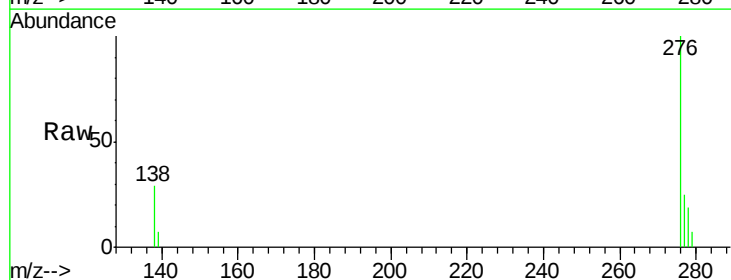
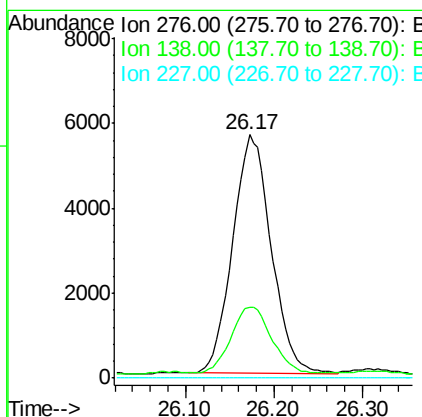
RT: 26.17 min Scan# 4249

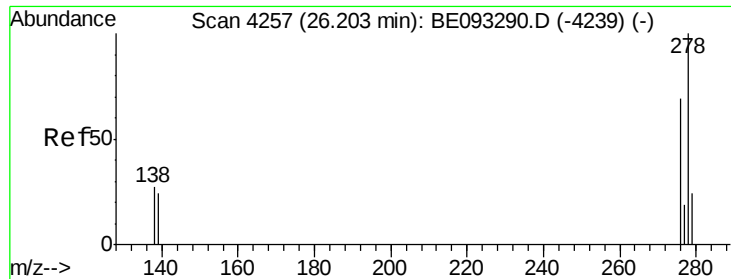
Delta R.T. -0.01 min

Lab File: BE093301.D

Acq: 21 Jun 2017 3:10

Tgt Ion:	276	Resp:	16983
Ion Ratio	Lower	Upper	
276	100		
138	29.9	28.0	42.0
227	0.0	8.0	12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.104 ng/ul

RT: 26.19 min Scan# 4253

Delta R.T. -0.01 min

Lab File: BE093301.D

Acq: 21 Jun 2017 3:10

Instrument :

BNA_E

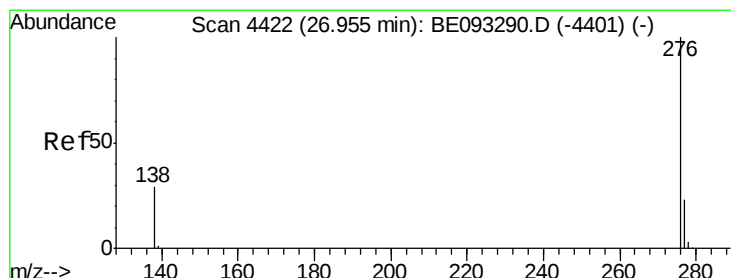
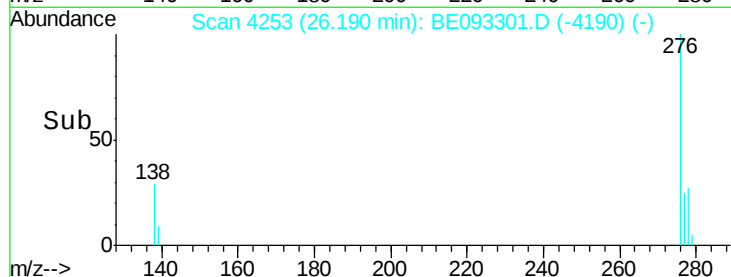
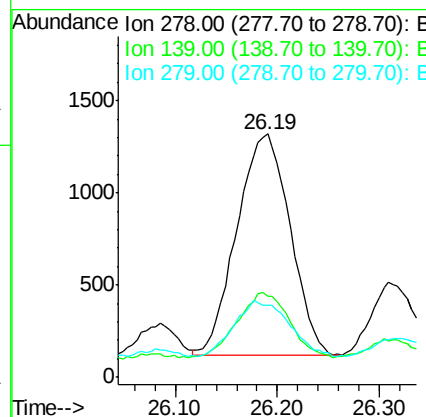
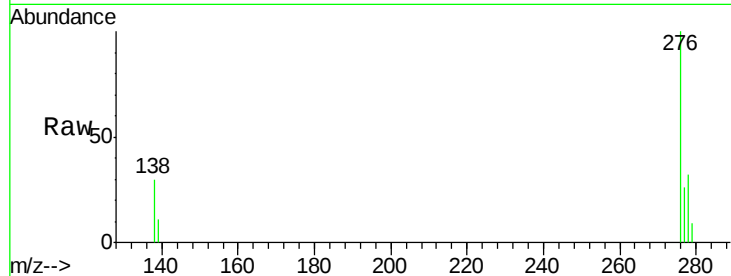
ClientSampleId :

F5A81DL

Tgt Ion:	278	Resp:	4331
Ion Ratio	Lower	Upper	
278	100		
139	33.2	17.4	26.0#
279	29.4	25.9	38.9

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:21 PM



#26

Benzo(g,h,i)perylene

Concen: 0.308 ng/ul

RT: 26.95 min Scan# 4419

Delta R.T. -0.01 min

Lab File: BE093301.D

Acq: 21 Jun 2017 3:10

Tgt Ion:	276	Resp:	13059
Ion Ratio	Lower	Upper	
276	100		
138	31.3	21.8	32.8
277	25.2	20.5	30.7

