

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
 Data File : BE093354.D
 Acq On : 24 Jun 2017 10:20
 Operator : SJ/JU
 Sample : I3625-01DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A82DL

Manual Integrations
 APPROVED

mohammad
 6/29/2017 8:33:54 AM

Quant Time: Jun 26 01:20:20 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 01:13:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1328	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	6835	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4034	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	10257	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11283	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10211	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	342	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	957	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	608	0.036	ng/ul#	80
7) Acenaphthylene	14.09	152	5437	0.314	ng/ul	97
12) Phenanthrene	17.13	178	2796	0.099	ng/ul#	90
13) Anthracene	17.22	178	5114	0.208	ng/ul#	89
15) Fluoranthene	19.15	202	16138	0.466	ng/ul	84
17) Pyrene	19.51	202	29148	0.876	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	19257	0.640	ng/ul#	85
19) Chrysene	21.29	228	26875	0.861	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	68694m	2.217	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	18950m	0.576	ng/ul	
23) Benzo(a)pyrene	23.55	252	31370	1.071	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.17	276	27121	0.799	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.19	278	6924	0.242	ng/ul#	90
26) Benzo(g,h,i)perylene	26.95	276	19910	0.684	ng/ul	96

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

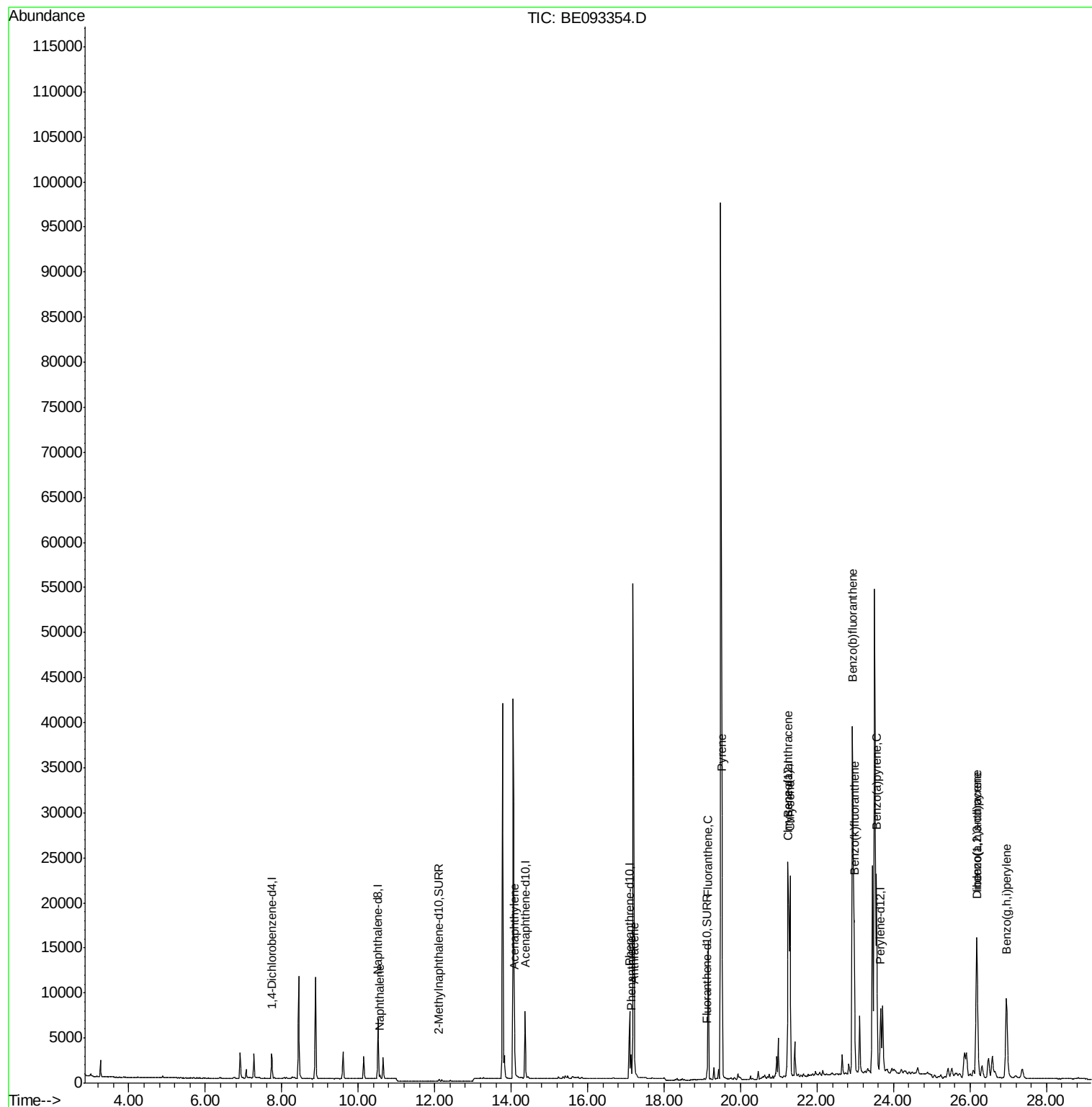
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093354.D
Acq On : 24 Jun 2017 10:20
Operator : SJ/JU
Sample : I3625-01DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

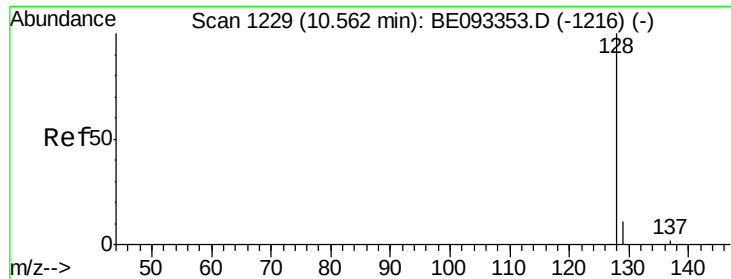
Instrument :
BNA_E
ClientSampleId :
F5A82DL

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:54 AM

Quant Time: Jun 26 01:20:20 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:13:30 2017
Response via : Initial Calibration





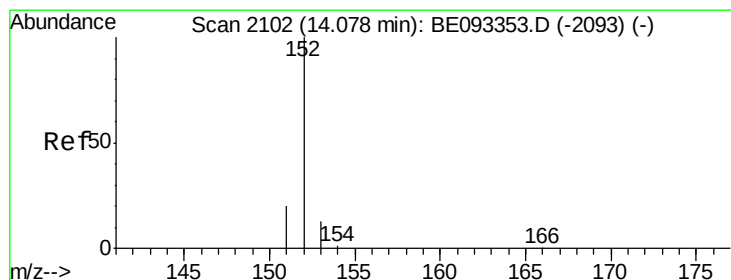
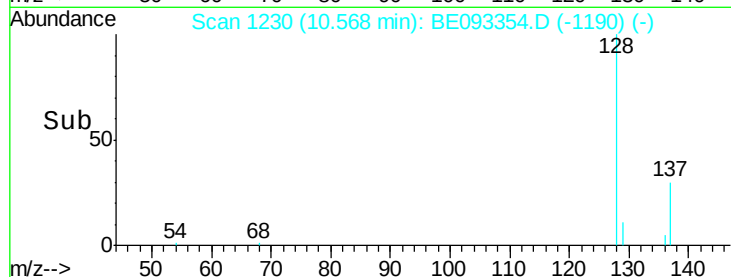
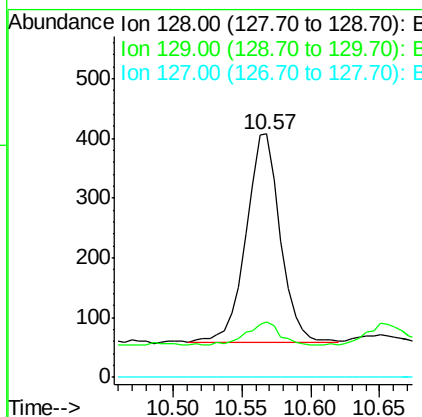
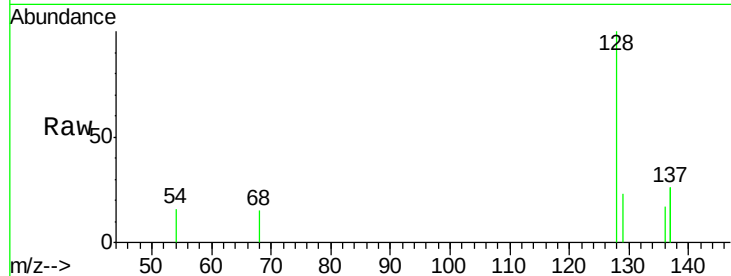
#3
Naphthalene
Concen: 0.036 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BE093354.D
Acq: 24 Jun 2017 10:20

Instrument :
BNA_E
ClientSampled :
F5A82DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	22.8	11.3	16.9#
127	0.0	4.0	6.0#

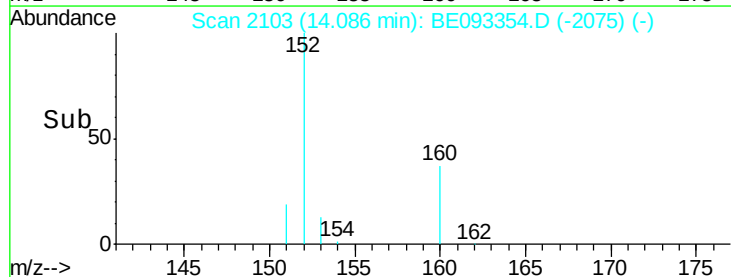
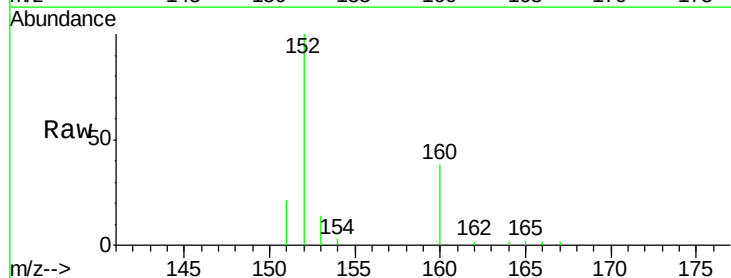
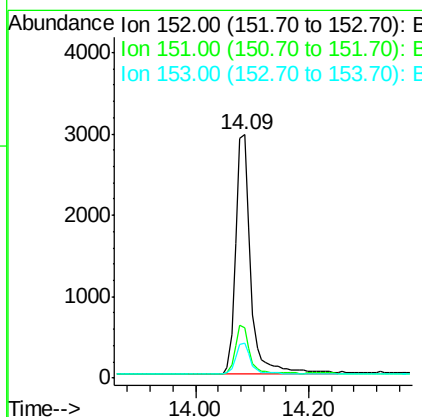
Manual Integrations
APPROVED

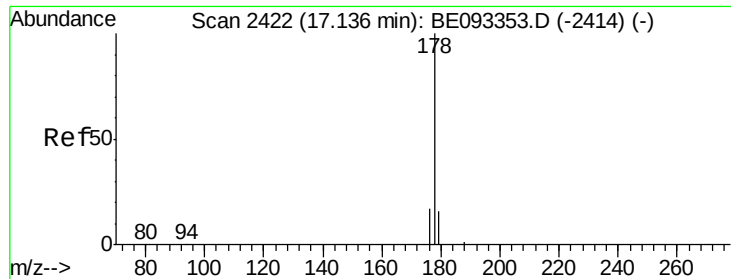
mohammad
6/29/2017 8:33:54 AM



#7
Acenaphthylene
Concen: 0.314 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.01 min
Lab File: BE093354.D
Acq: 24 Jun 2017 10:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.1	25.7
153	14.1	12.8	19.2





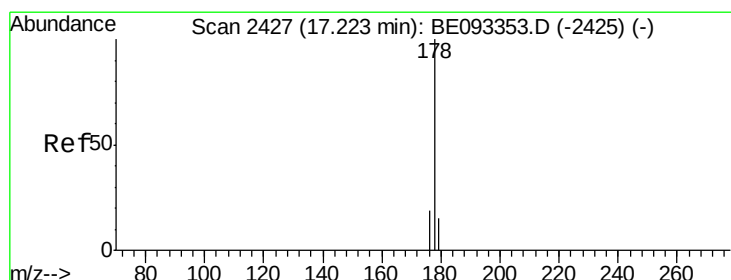
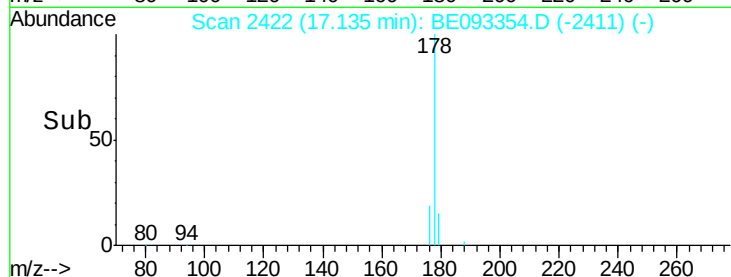
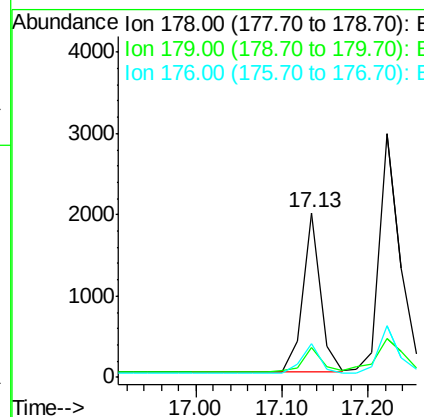
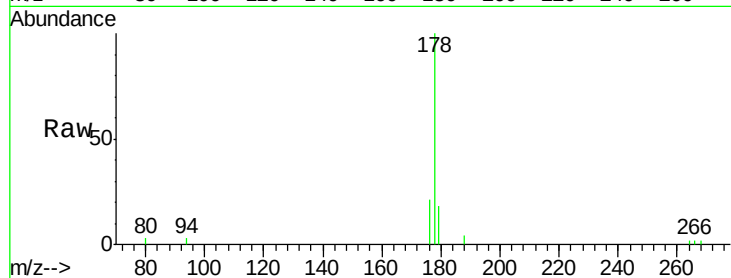
#12
Phenanthrene
Concen: 0.099 ng/ul
RT: 17.13 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093354.D
Acq: 24 Jun 2017 10:20

Instrument :
BNA_E
ClientSampleId :
F5A82DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.1	18.4	27.6#
176	20.8	13.6	20.4#

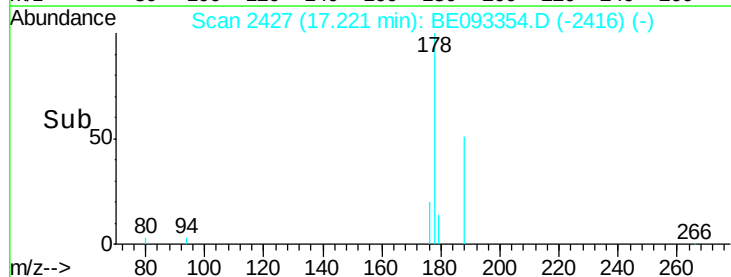
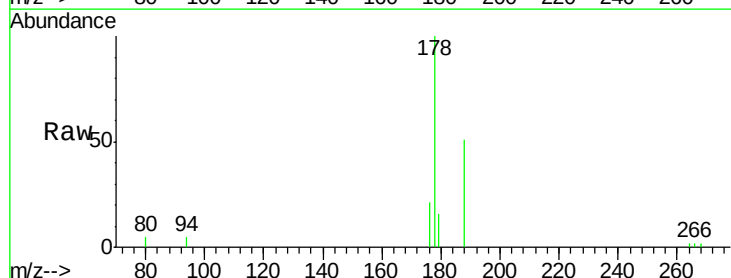
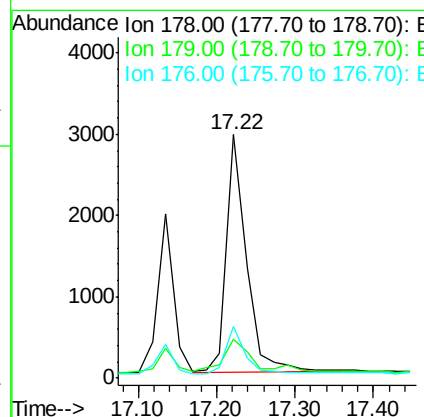
Manual Integrations
APPROVED

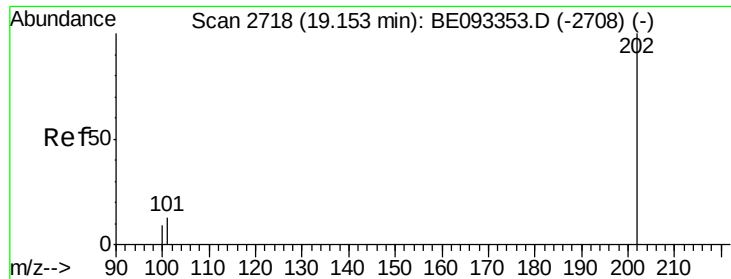
mohammad
6/29/2017 8:33:54 AM



#13
Anthracene
Concen: 0.208 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BE093354.D
Acq: 24 Jun 2017 10:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	21.1	14.7	22.1





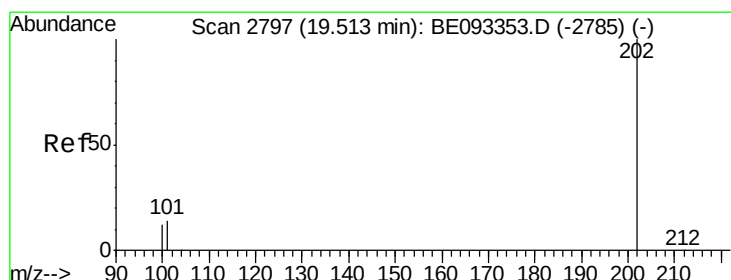
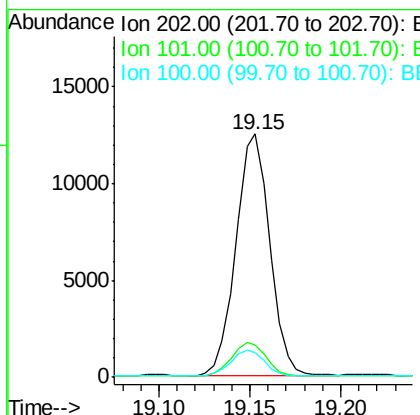
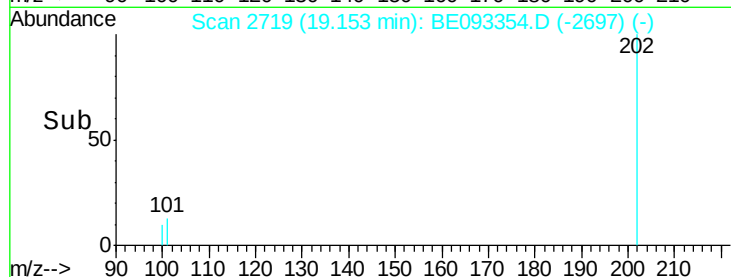
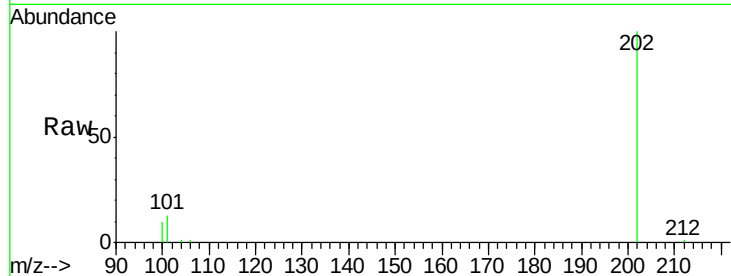
#15
Fluoranthene
 Concen: 0.466 ng/ul
 RT: 19.15 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE093354.D
 Acq: 24 Jun 2017 10:20

Instrument :
 BNA_E
 ClientSampleId :
 F5A82DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.5	0.0	30.3
100	10.4	0.0	39.5

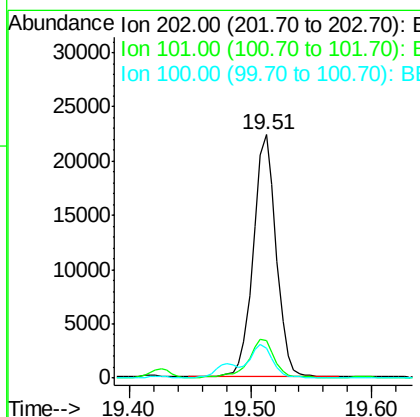
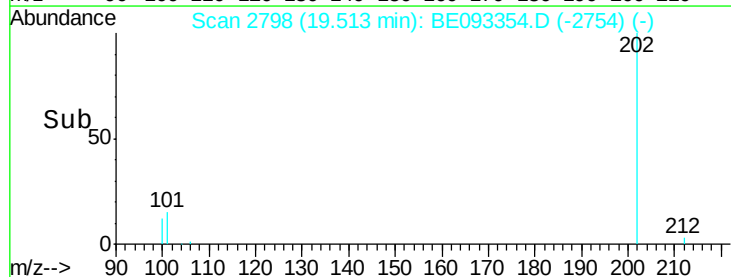
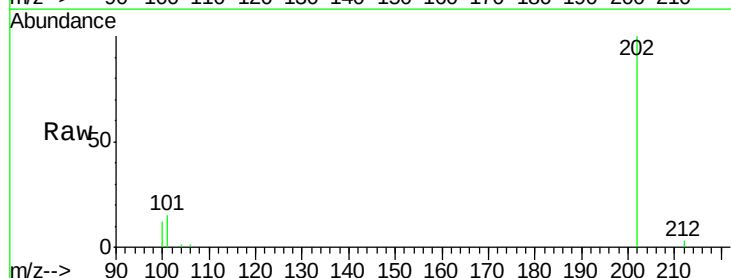
Manual Integrations
 APPROVED

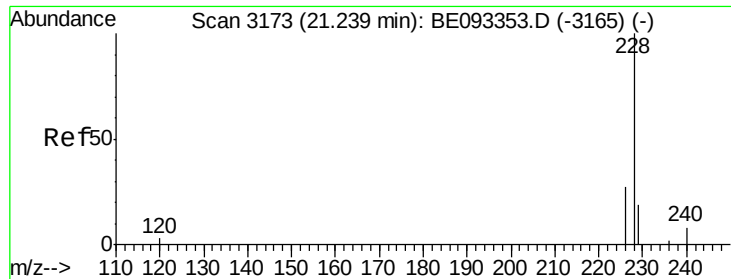
mohammad
 6/29/2017 8:33:54 AM



#17
Pyrene
 Concen: 0.876 ng/ul
 RT: 19.51 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE093354.D
 Acq: 24 Jun 2017 10:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.2	18.2	27.4#
100	12.2	15.6	23.4#





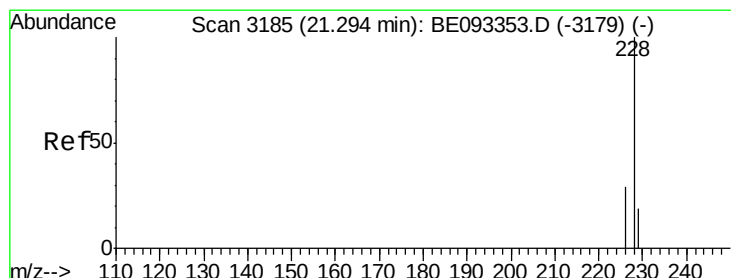
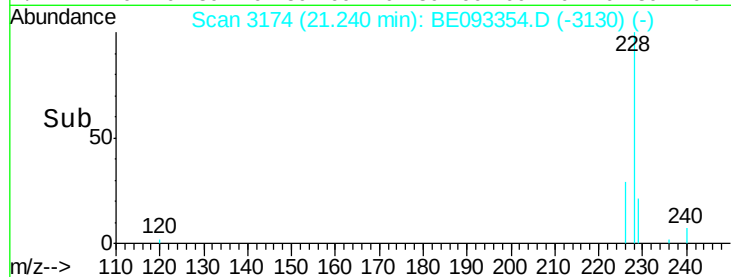
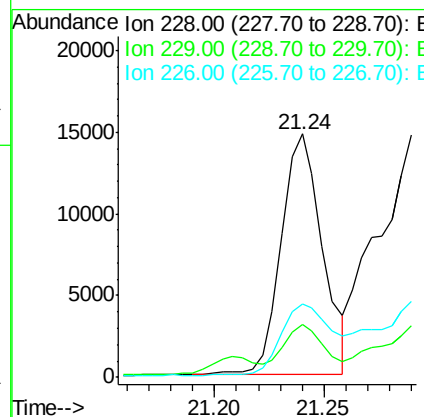
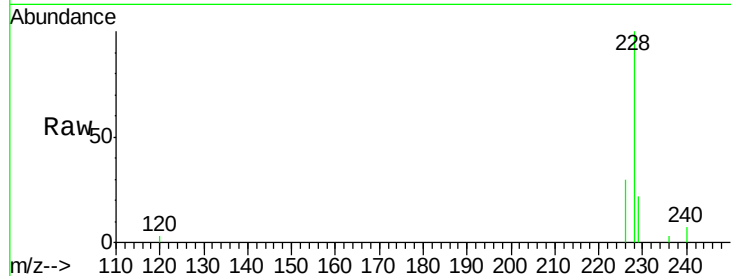
#18
Benzo(a)anthracene
Concen: 0.640 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093354.D
Acq: 24 Jun 2017 10:20

Instrument :
BNA_E
ClientSampleId :
F5A82DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	22.8	34.2#
226	30.1	17.0	25.6#

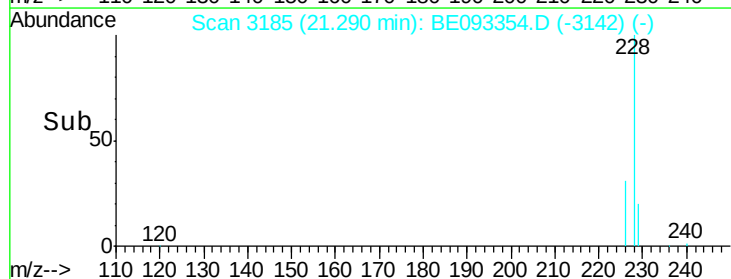
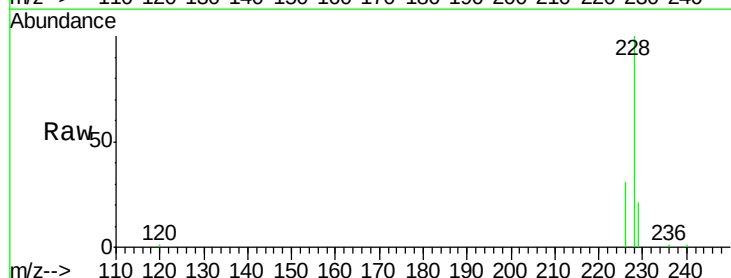
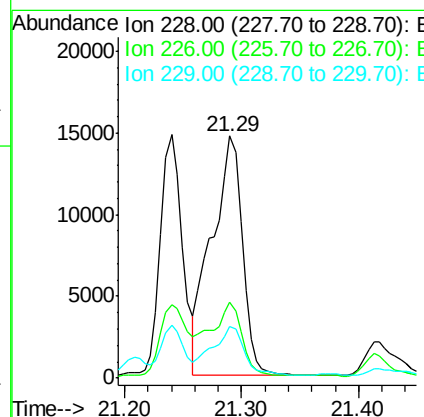
Manual Integrations
APPROVED

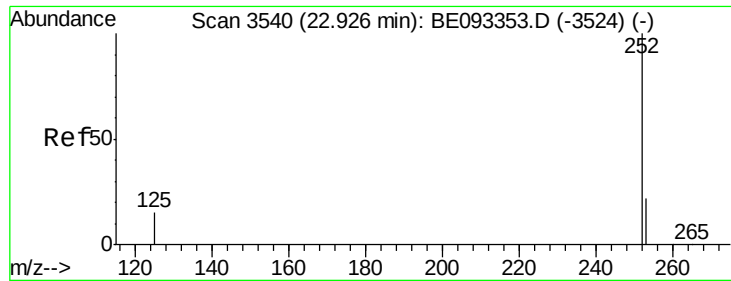
mohammad
6/29/2017 8:33:54 AM



#19
Chrysene
Concen: 0.861 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093354.D
Acq: 24 Jun 2017 10:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	21.4	17.7	26.5





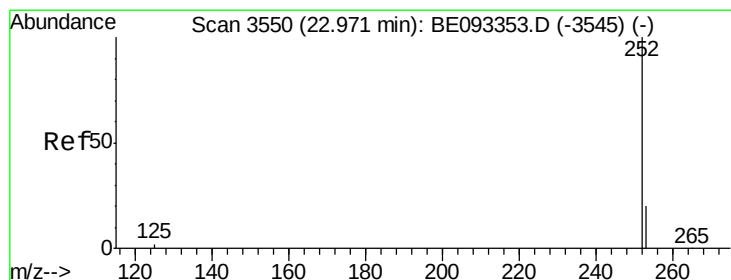
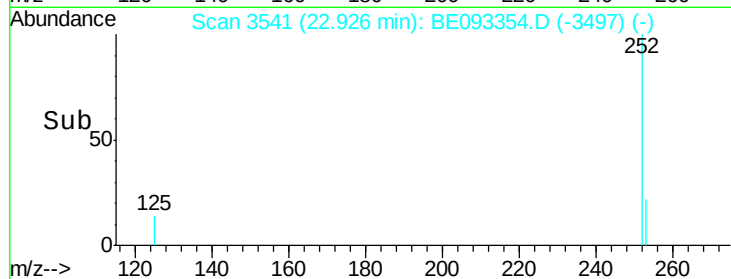
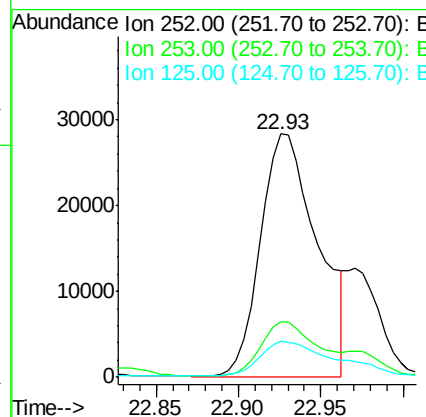
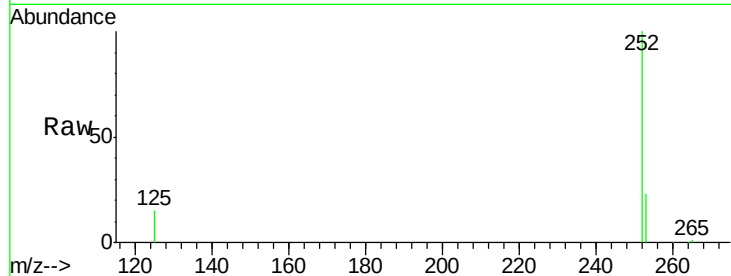
#21
Benzo(b)fluoranthene
Concen: 2.217 ng/ul m
RT: 22.93 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BE093354.D
Acq: 24 Jun 2017 10:20

Instrument :
BNA_E
ClientSampleId :
F5A82DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	0.0	64.2
125	14.8	0.0	35.0

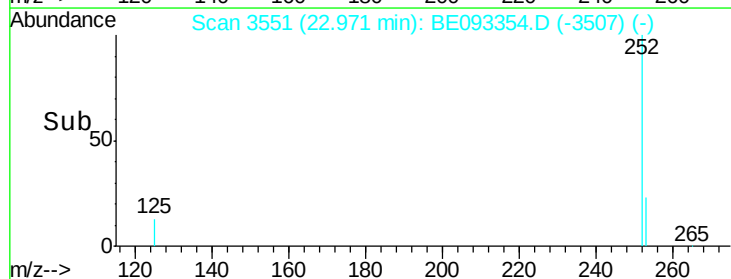
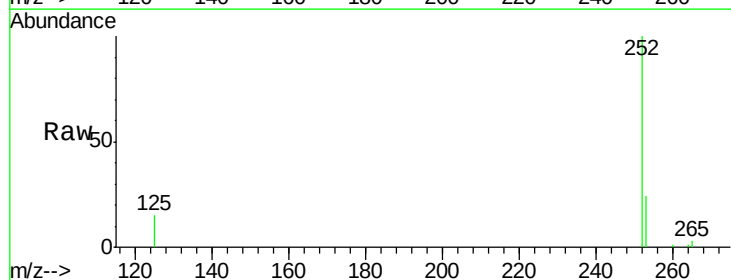
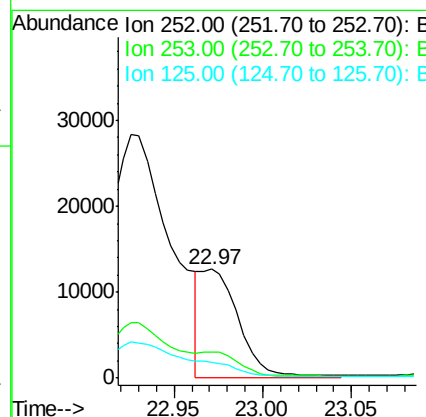
Manual Integrations
APPROVED

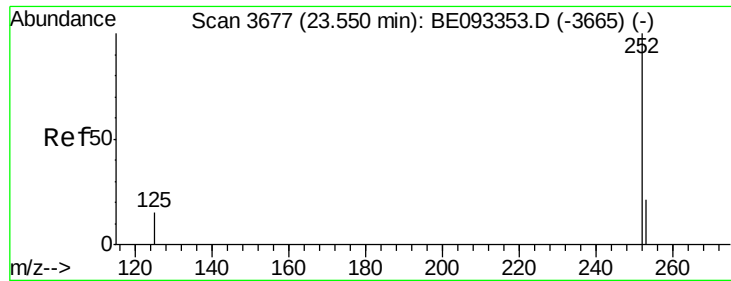
mohammad
6/29/2017 8:33:54 AM



#22
Benzo(k)fluoranthene
Concen: 0.576 ng/ul m
RT: 22.97 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE093354.D
Acq: 24 Jun 2017 10:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.2	24.5	36.7#
125	14.9	13.7	20.5





#23

Benzo(a)pyrene

Concen: 1.071 ng/ul

RT: 23.55 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BE093354.D

Acq: 24 Jun 2017 10:20

Instrument :

BNA_E

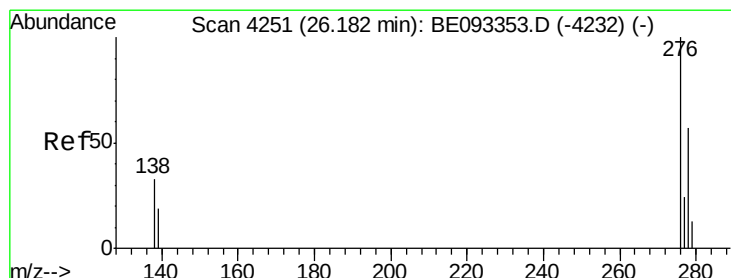
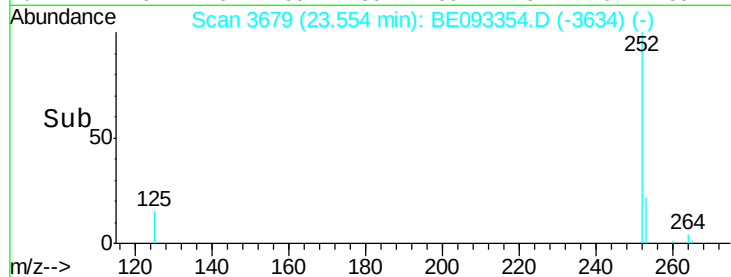
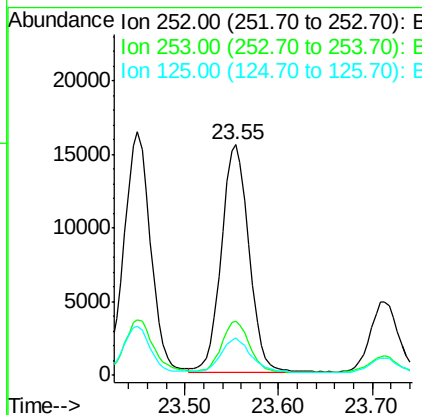
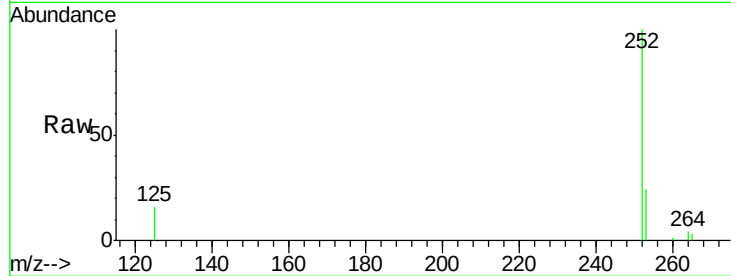
ClientSampleId :

F5A82DL

Tgt Ion:	252	Resp:	31370
Ion Ratio	Lower	Upper	
252	100		
253	23.7	28.5	42.7#
125	16.1	18.1	27.1#

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:54 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.799 ng/ul

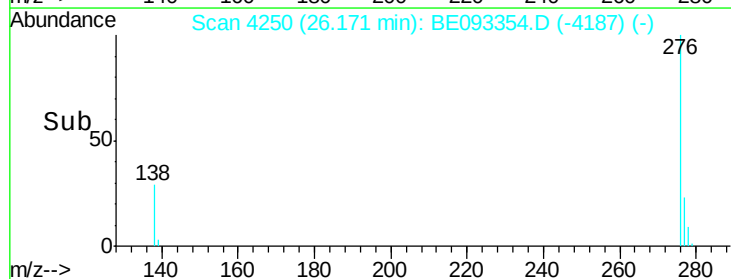
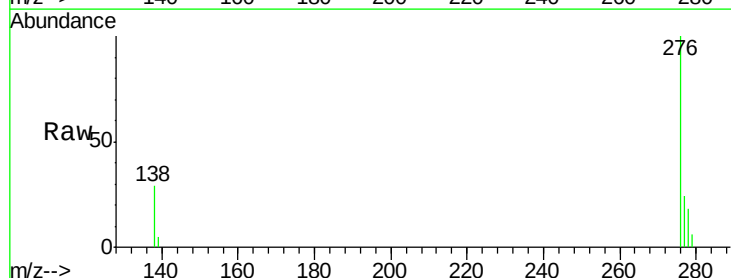
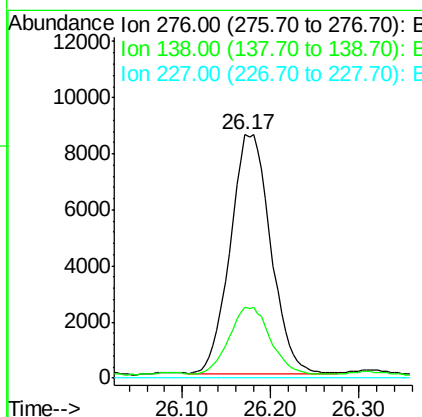
RT: 26.17 min Scan# 4250

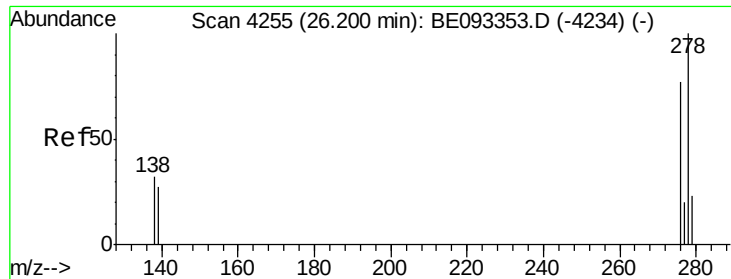
Delta R.T. -0.01 min

Lab File: BE093354.D

Acq: 24 Jun 2017 10:20

Tgt Ion:	276	Resp:	27121
Ion Ratio	Lower	Upper	
276	100		
138	29.4	28.0	42.0
227	0.0	8.0	12.0#





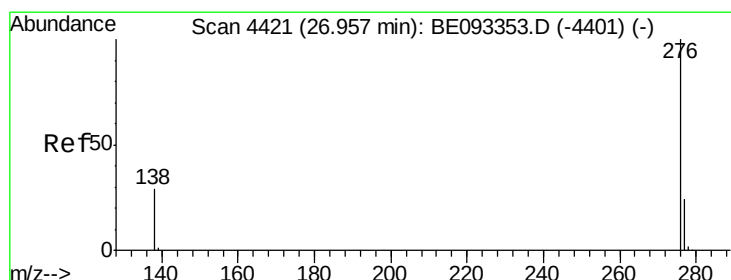
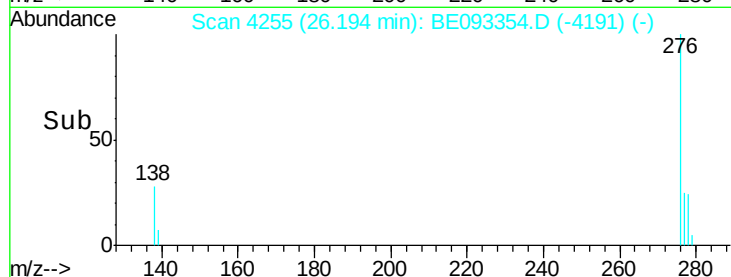
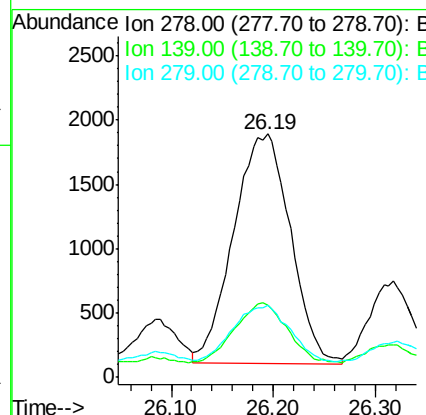
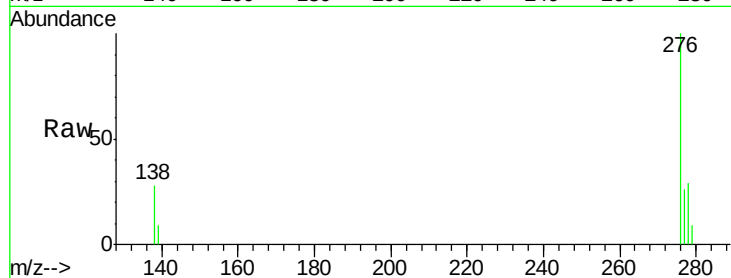
#25
Dibenzo(a,h)anthracene
Concen: 0.242 ng/ul
RT: 26.19 min Scan# 4255
Delta R.T. -0.01 min
Lab File: BE093354.D
Acq: 24 Jun 2017 10:20

Instrument :
BNA_E
ClientSampleId :
F5A82DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.6	17.4	26.0
279	29.4	25.9	38.9

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:54 AM



#26
Benzo(g,h,i)perylene
Concen: 0.684 ng/ul
RT: 26.95 min Scan# 4422
Delta R.T. -0.00 min
Lab File: BE093354.D
Acq: 24 Jun 2017 10:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	21.8	32.8
277	24.7	20.5	30.7

