

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093212.D
 Acq On : 15 Jun 2017 17:26
 Operator : SJ/MA
 Sample : I3522-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C84DL

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:06:27 AM

Quant Time: Jun 16 05:00:21 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 04:43:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2511	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13914	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8519	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20101	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21317	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	17227	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	834	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	2100	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	1753	0.051	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	504	0.021	ng/ul	100
7) Acenaphthylene	14.09	152	26425	0.723	ng/ul	96
8) Acenaphthene	14.43	153	974	0.033	ng/ul#	94
9) Fluorene	15.42	166	1331	0.038	ng/ul#	89
12) Phenanthrene	17.14	178	31401	0.568	ng/ul#	85
13) Anthracene	17.22	178	42142	0.875	ng/ul#	87
15) Fluoranthene	19.16	202	505172	7.448	ng/ul	84
17) Pyrene	19.52	202	538057	8.559	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	251847	4.429	ng/ul#	85
19) Chrysene	21.30	228	331015	5.612	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	427182m	8.171	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	151375m	2.726	ng/ul	
23) Benzo(a)pyrene	23.56	252	174367	3.527	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.19	276	105679	1.846	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	29940m	0.621	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	69888	1.424	ng/ul	97

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

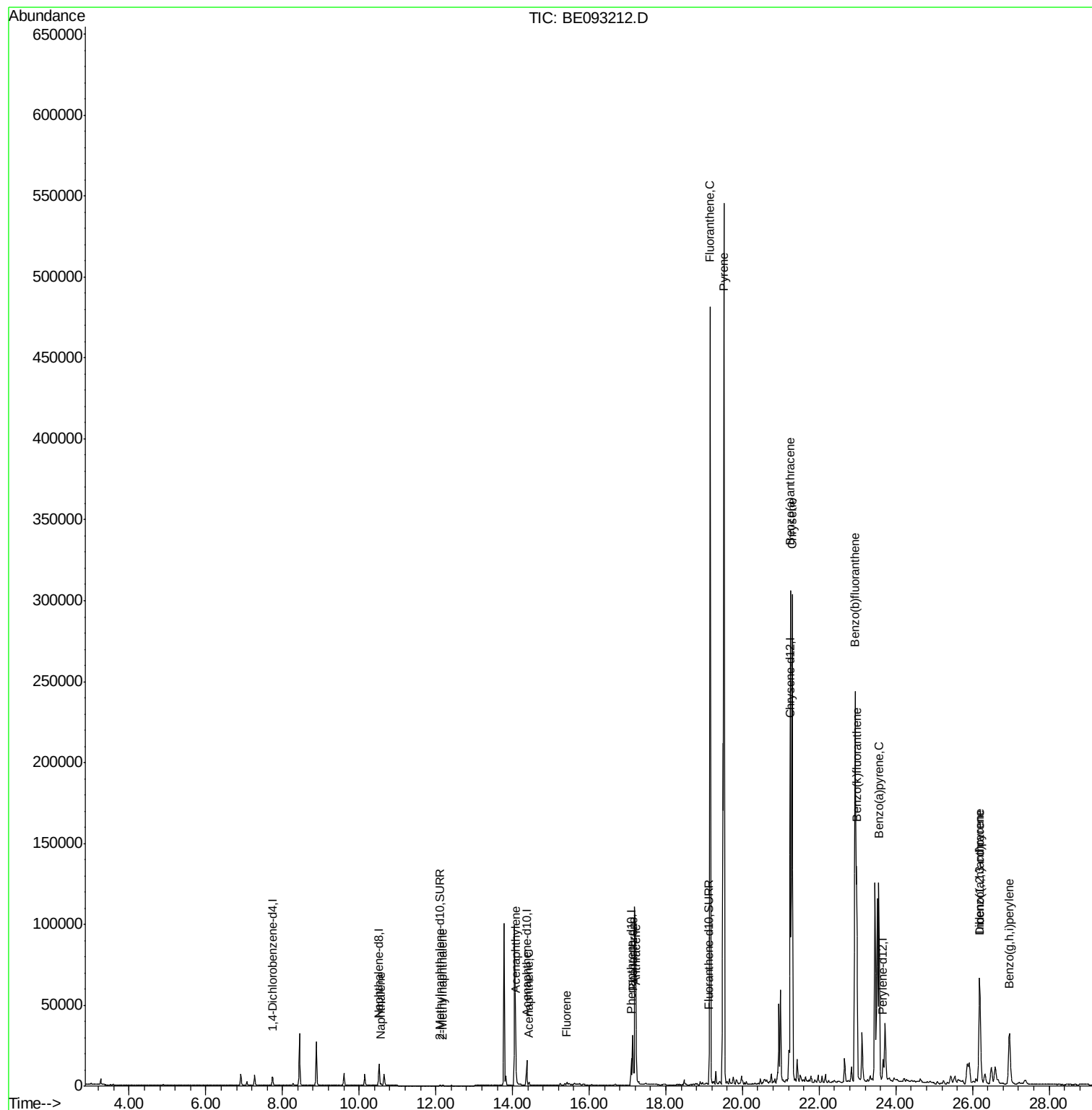
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093212.D
Acq On : 15 Jun 2017 17:26
Operator : SJ/MA
Sample : I3522-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

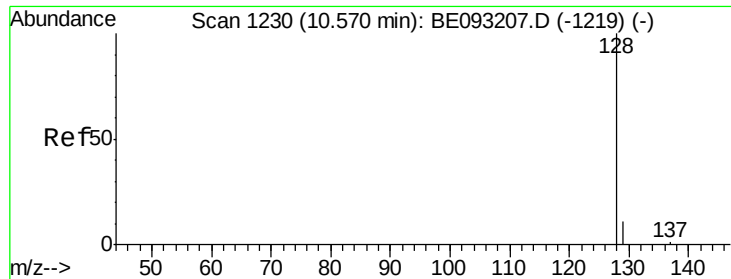
Instrument :
BNA_E
ClientSampleId :
F5C84DL

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:27 AM

Quant Time: Jun 16 05:00:21 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration





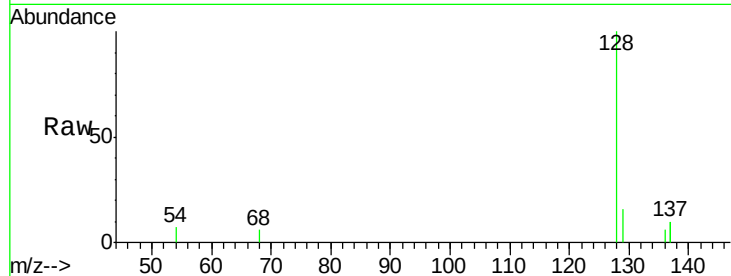
#3
Naphthalene
Concen: 0.051 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Instrument :
BNA_E
ClientSampleId :
F5C84DL

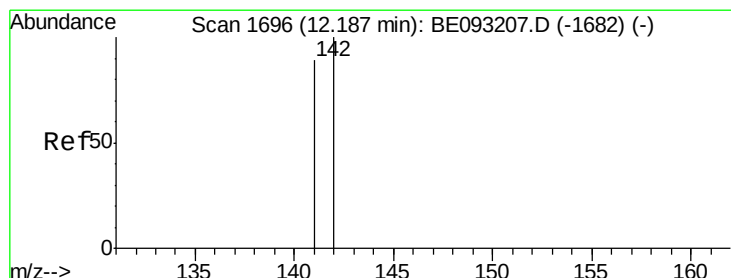
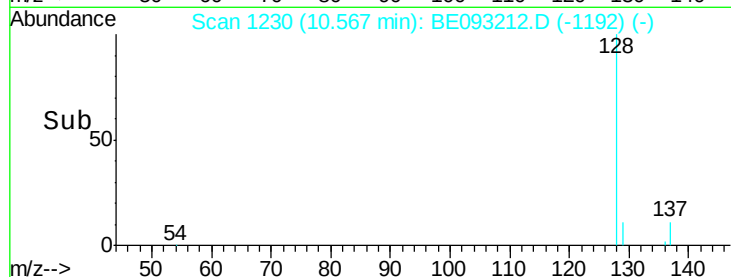
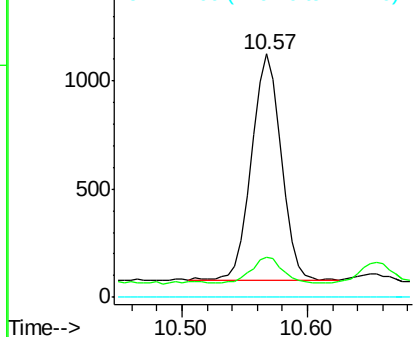
Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.3	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:27 AM



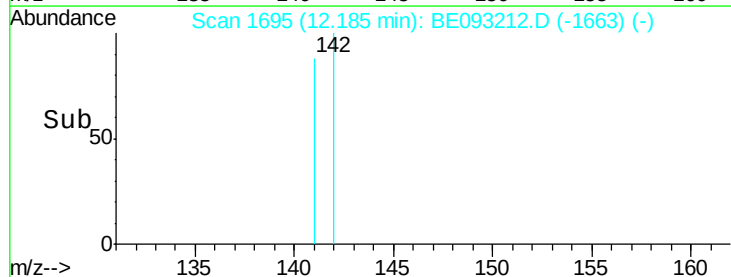
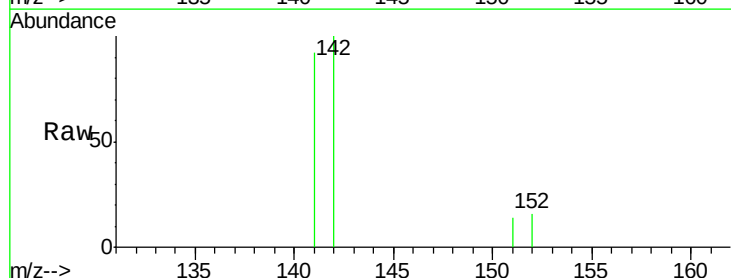
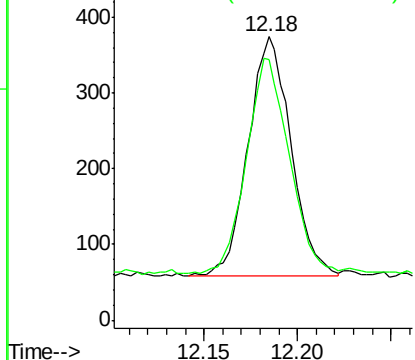
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

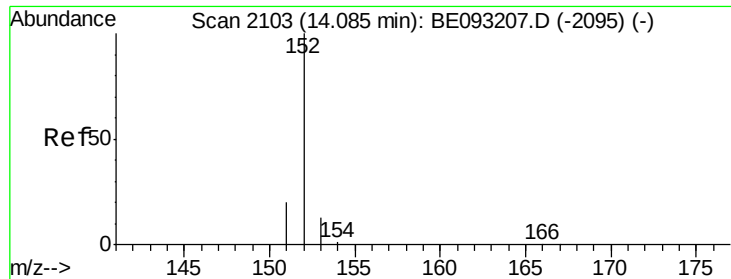


#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	108.8

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.723 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093212.D

Acq: 15 Jun 2017 17:26

Instrument :

BNA_E

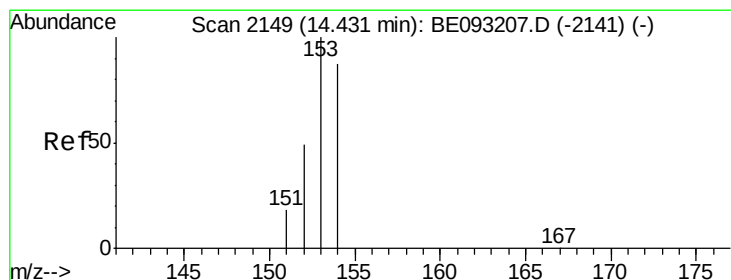
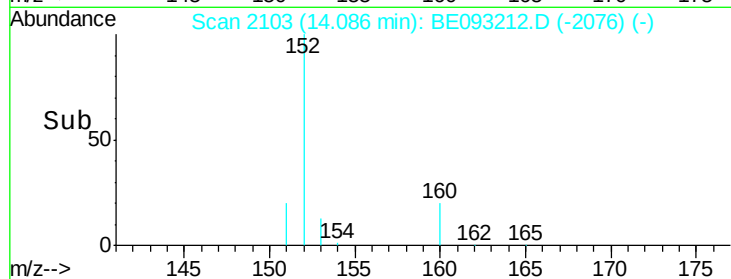
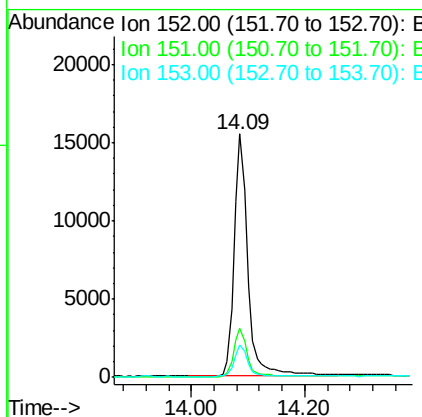
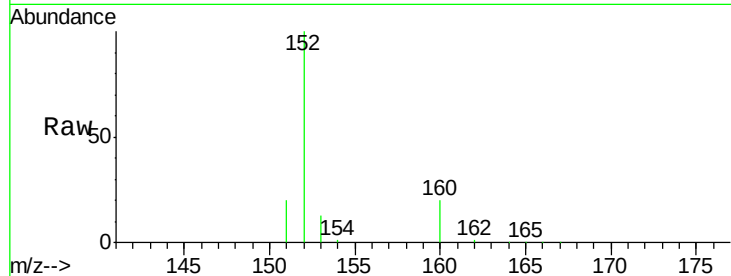
ClientSampleId :

F5C84DL

Tgt Ion:	152	Resp:	26425
Ion Ratio		Lower	Upper
152	100		
151	20.0	17.1	25.7
153	13.3	12.8	19.2

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:27 AM



#8

Acenaphthene

Concen: 0.033 ng/ul

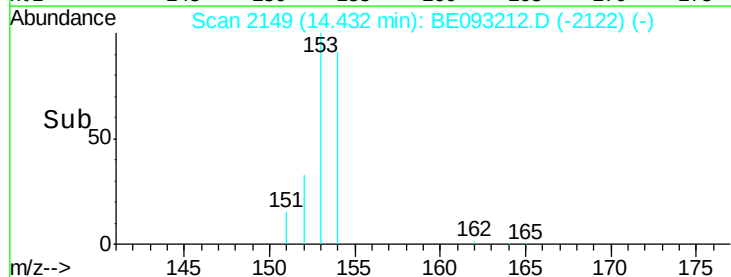
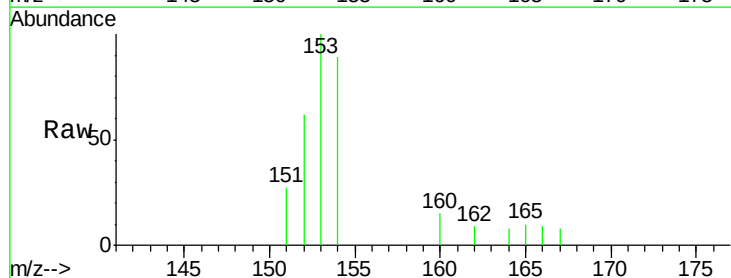
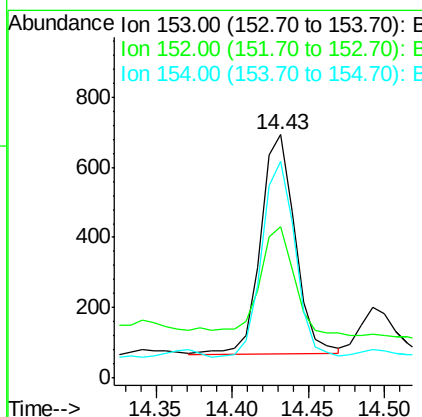
RT: 14.43 min Scan# 2149

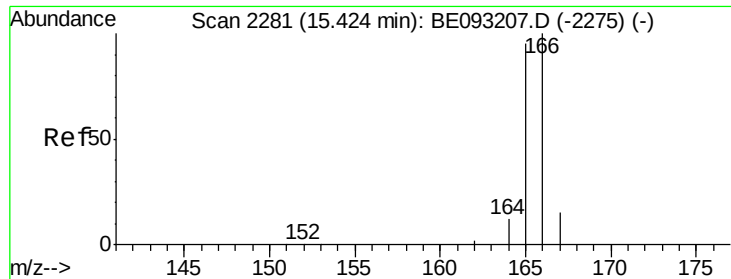
Delta R.T. 0.00 min

Lab File: BE093212.D

Acq: 15 Jun 2017 17:26

Tgt Ion:	153	Resp:	974
Ion Ratio		Lower	Upper
153	100		
152	62.0	40.3	60.5#
154	88.7	71.4	107.2





#9

Fluorene

Concen: 0.038 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE093212.D

Acq: 15 Jun 2017 17:26

Instrument :

BNA_E

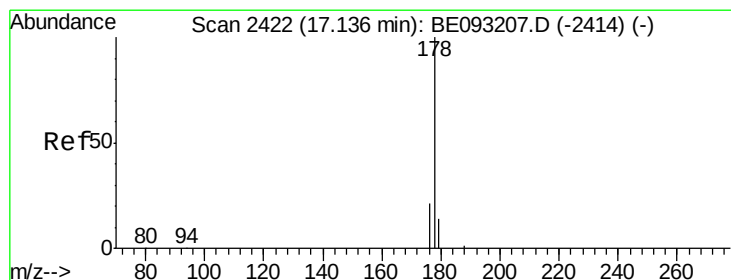
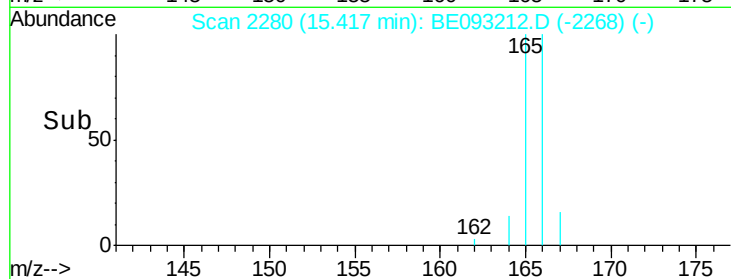
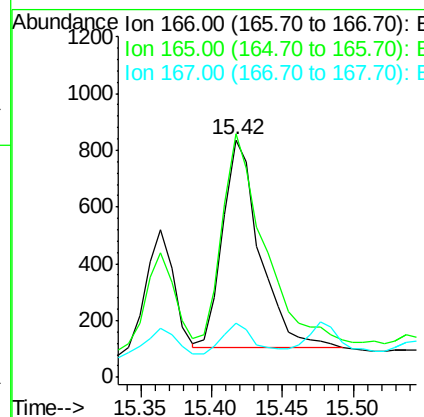
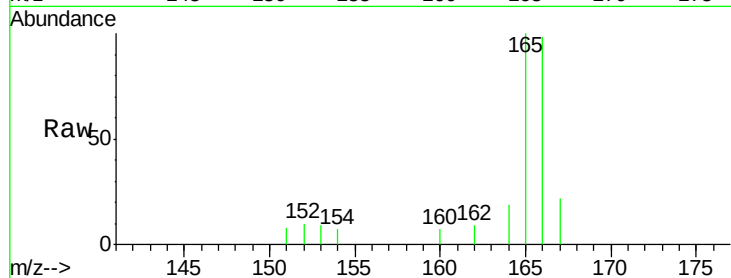
ClientSampleId :

F5C84DL

Tgt Ion:	166	Resp:	1331
Ion Ratio	Lower	Upper	
166	100		
165	102.5	73.4	110.2
167	22.7	14.6	22.0#

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:27 AM



#12

Phenanthrene

Concen: 0.568 ng/ul

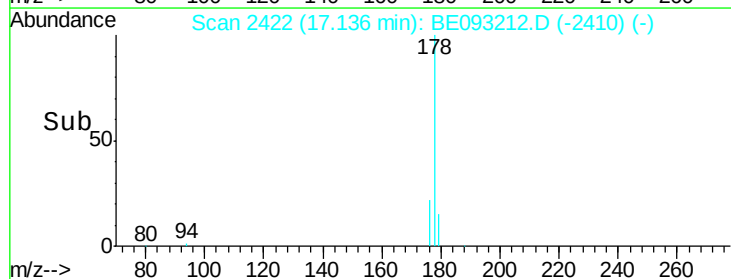
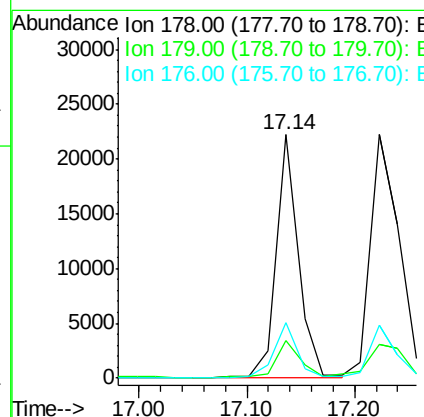
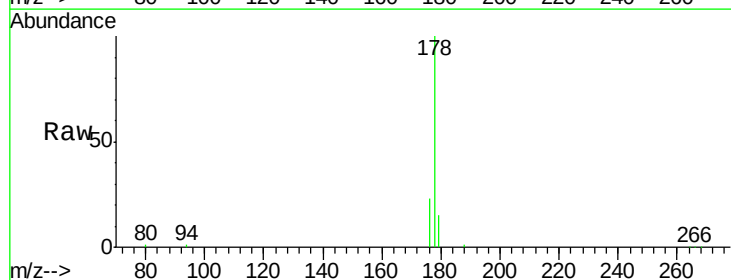
RT: 17.14 min Scan# 2422

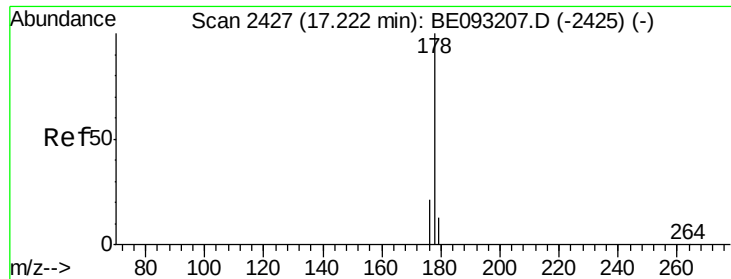
Delta R.T. 0.00 min

Lab File: BE093212.D

Acq: 15 Jun 2017 17:26

Tgt Ion:	178	Resp:	31401
Ion Ratio	Lower	Upper	
178	100		
179	15.3	18.4	27.6#
176	22.6	13.6	20.4#





#13

Anthracene

Concen: 0.875 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093212.D

Acq: 15 Jun 2017 17:26

Instrument :

BNA_E

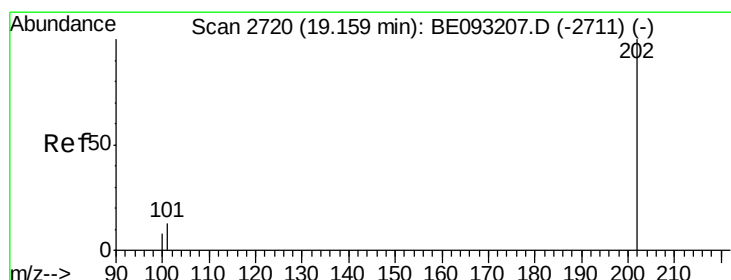
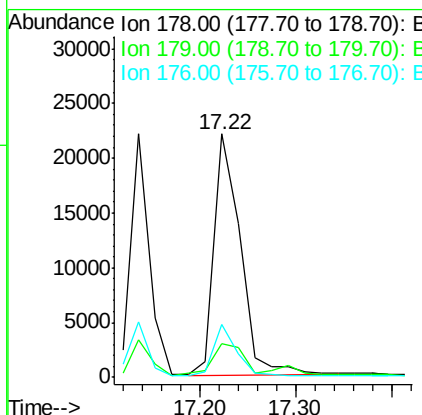
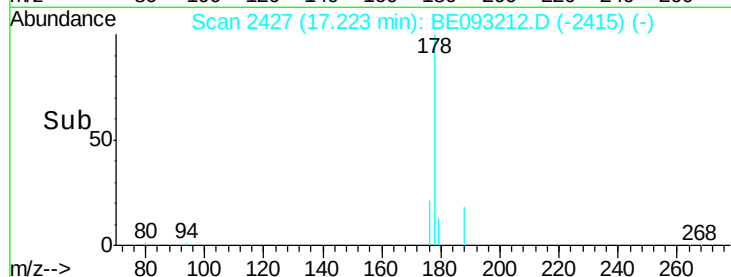
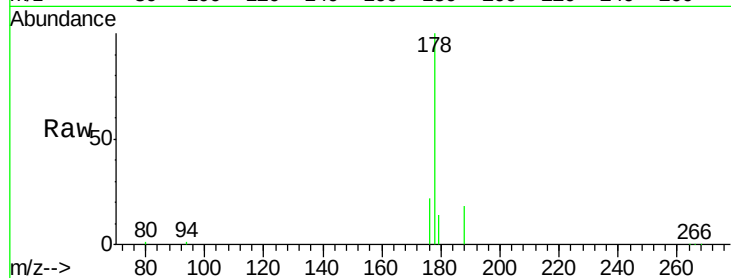
ClientSampled :

F5C84DL

Tgt Ion:	178	Resp:	42142
Ion Ratio	Lower	Upper	
178	100		
179	13.7	18.1	27.1#
176	21.6	14.7	22.1

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:27 AM



#15

Fluoranthene

Concen: 7.448 ng/ul

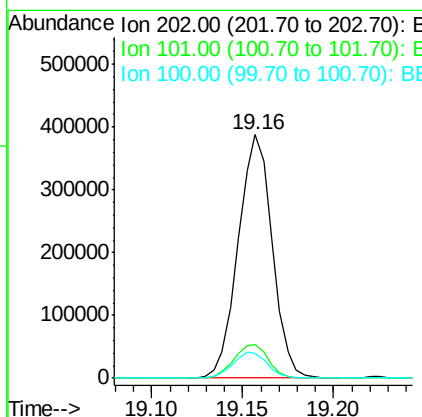
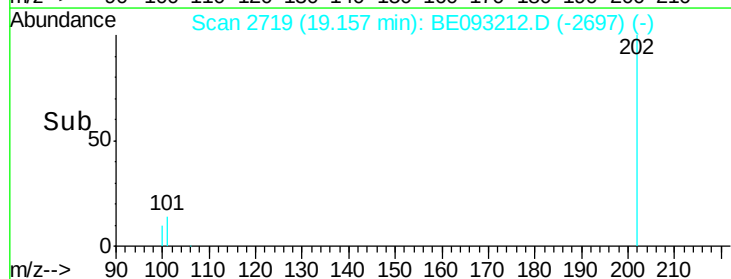
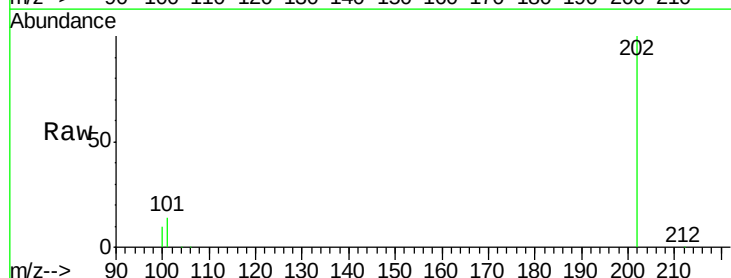
RT: 19.16 min Scan# 2719

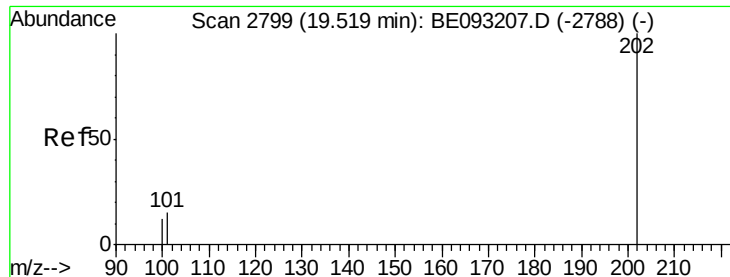
Delta R.T. -0.00 min

Lab File: BE093212.D

Acq: 15 Jun 2017 17:26

Tgt Ion:	202	Resp:	505172
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	30.3
100	10.3	0.0	39.5





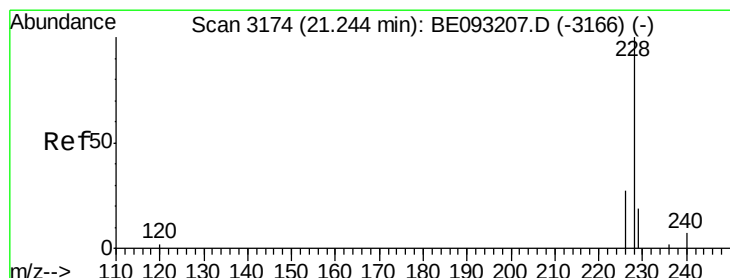
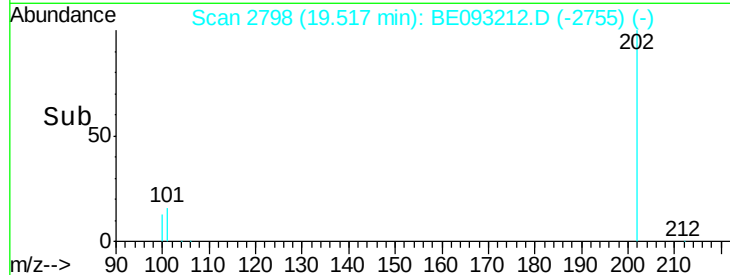
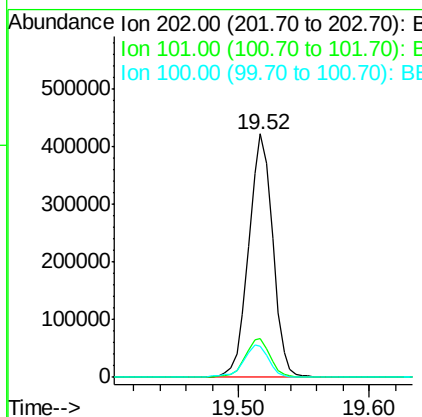
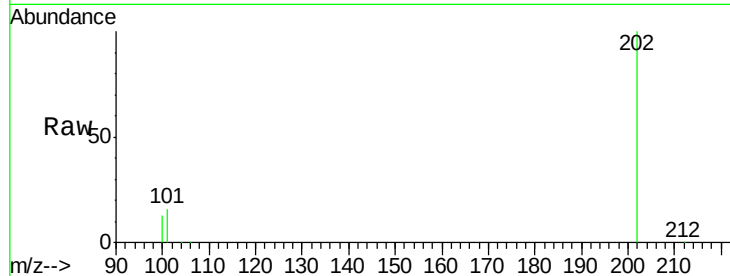
#17
Pyrene
 Concen: 8.559 ng/ul
 RT: 19.52 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BE093212.D
 Acq: 15 Jun 2017 17:26

Instrument :
 BNA_E
 ClientSampleId :
 F5C84DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.9	18.2	27.4#
100	12.9	15.6	23.4#

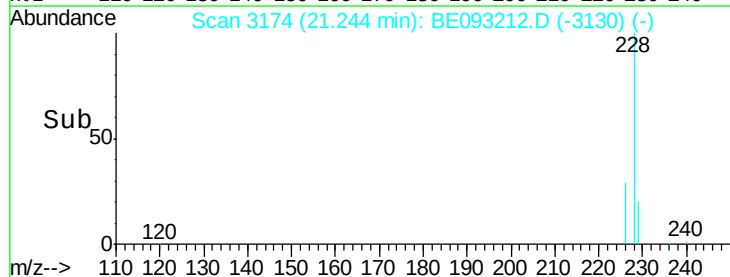
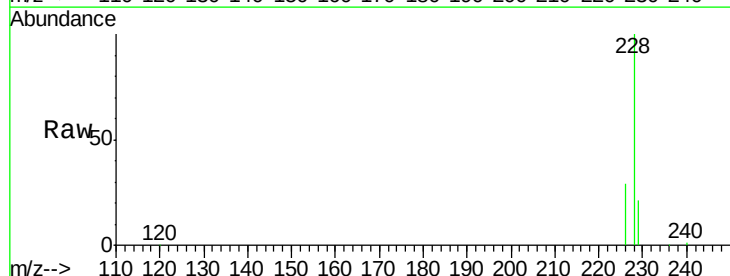
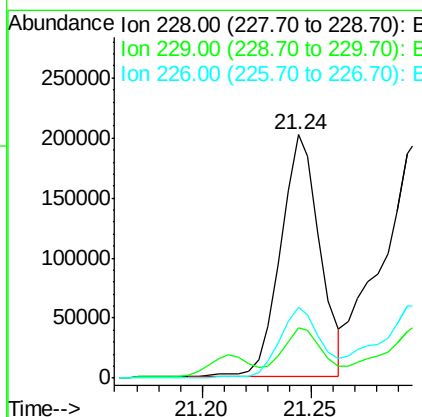
Manual Integrations
 APPROVED

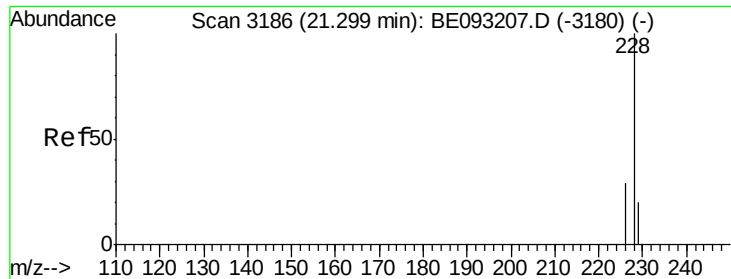
mohammad
 6/19/2017 11:06:27 AM



#18
Benzo(a)anthracene
 Concen: 4.429 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BE093212.D
 Acq: 15 Jun 2017 17:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.7	22.8	34.2#
226	29.0	17.0	25.6#





#19

Chrysene

Concen: 5.612 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE093212.D

Acq: 15 Jun 2017 17:26

Instrument :

BNA_E

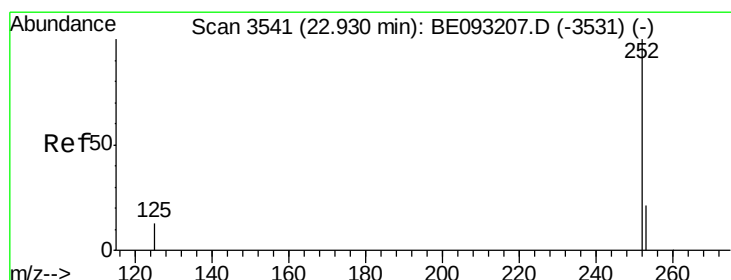
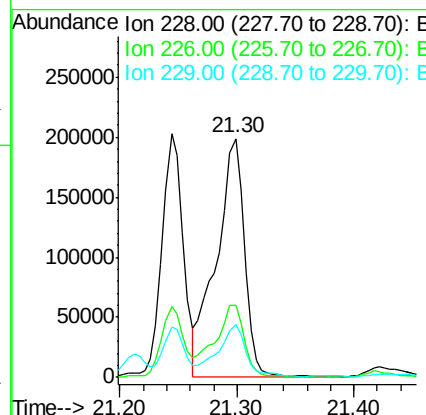
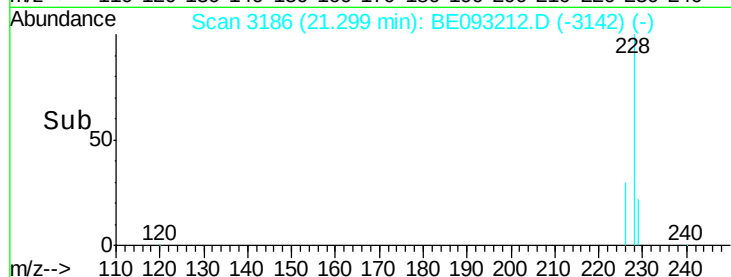
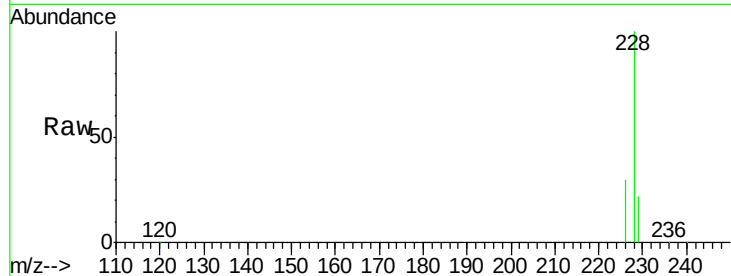
ClientSampleId :

F5C84DL

Tgt Ion:	228	Resp:	331015
Ion Ratio		Lower	Upper
228	100		
226	30.3	23.4	35.0
229	21.9	17.7	26.5

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:27 AM



#21

Benzo(b)fluoranthene

Concen: 8.171 ng/ul m

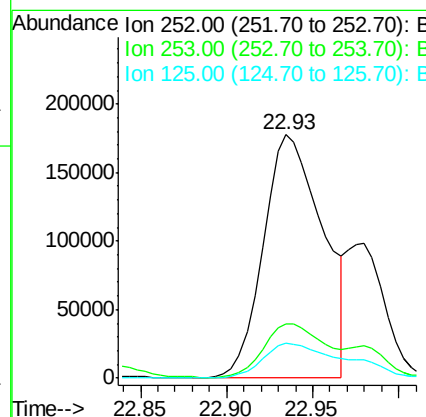
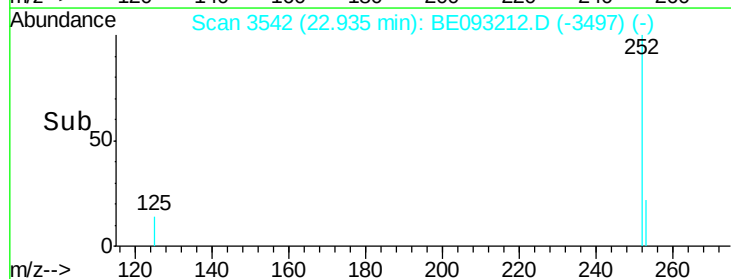
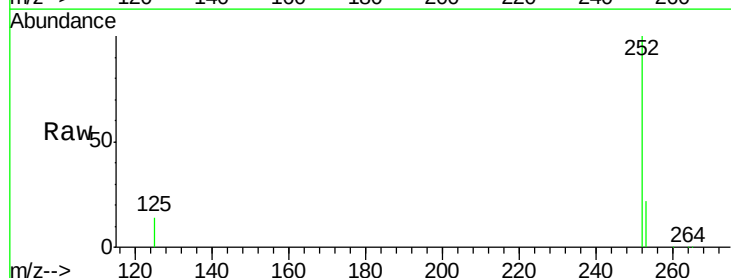
RT: 22.93 min Scan# 3542

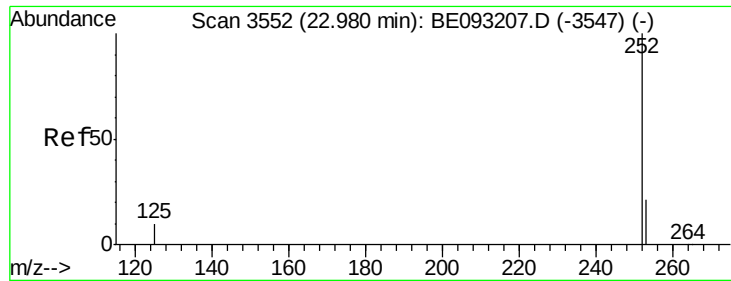
Delta R.T. 0.00 min

Lab File: BE093212.D

Acq: 15 Jun 2017 17:26

Tgt Ion:	252	Resp:	427182
Ion Ratio		Lower	Upper
252	100		
253	22.4	0.0	64.2
125	14.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.726 ng/ul m

RT: 22.98 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BE093212.D

Acq: 15 Jun 2017 17:26

Instrument :

BNA_E

ClientSampleId :

F5C84DL

Tgt Ion: 252 Resp: 151375
Ion Ratio Lower Upper

252 100

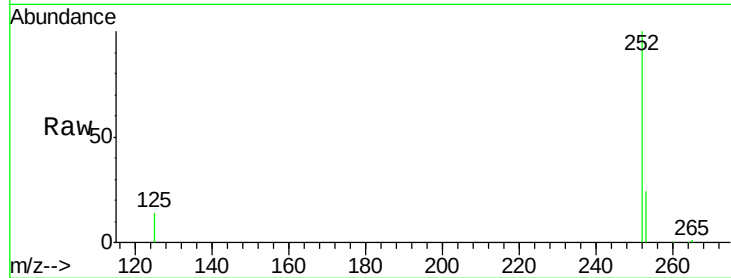
253 23.6 24.5 36.7#

125 13.5 13.7 20.5#

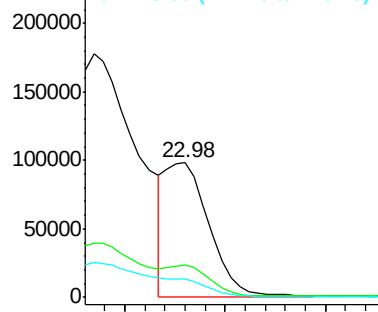
Manual Integrations
APPROVED

mohammad

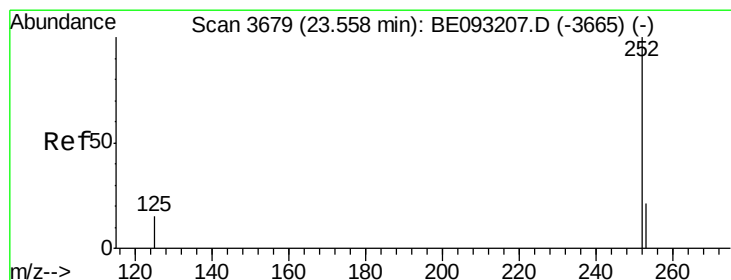
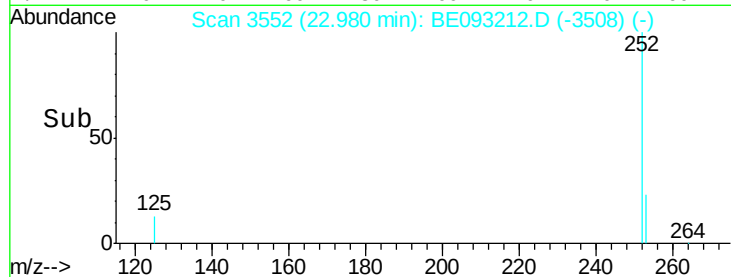
6/19/2017 11:06:27 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 3.527 ng/ul

RT: 23.56 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BE093212.D

Acq: 15 Jun 2017 17:26

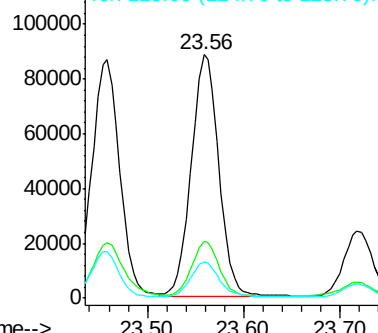
Tgt Ion: 252 Resp: 174367
Ion Ratio Lower Upper

252 100

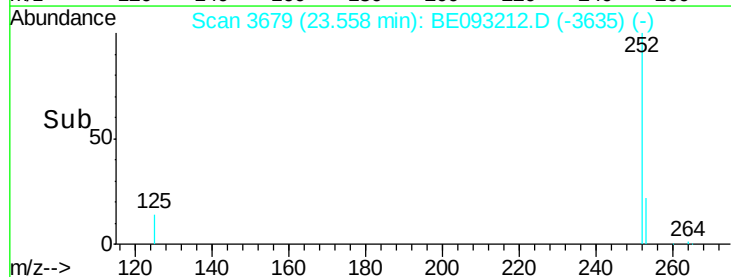
253 23.2 28.5 42.7#

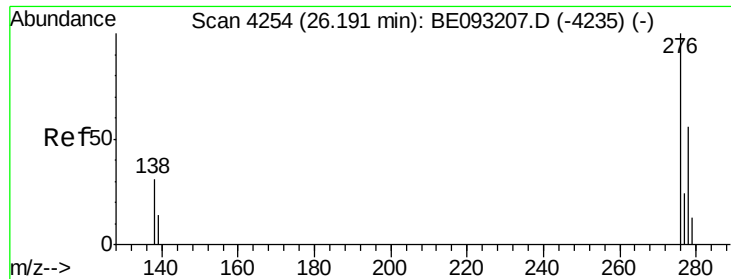
125 14.8 18.1 27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





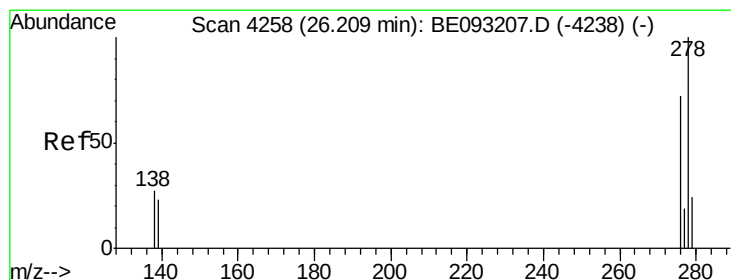
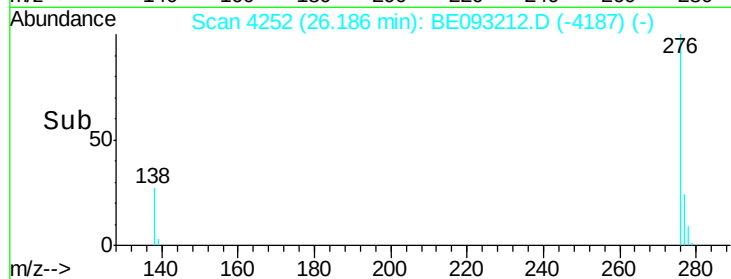
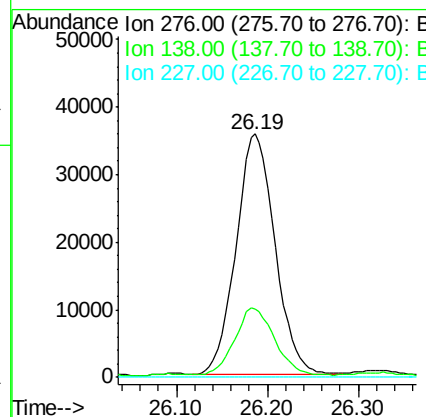
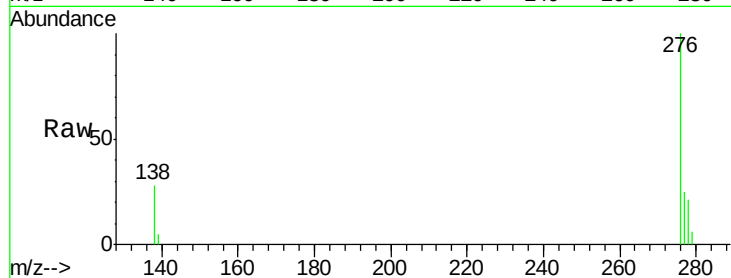
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.846 ng/ul
 RT: 26.19 min Scan# 4252
 Delta R.T. -0.00 min
 Lab File: BE093212.D
 Acq: 15 Jun 2017 17:26

Instrument :
 BNA_E
 ClientSampleId :
 F5C84DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	105679		
138	28.9		28.0	42.0
227	0.0		8.0	12.0

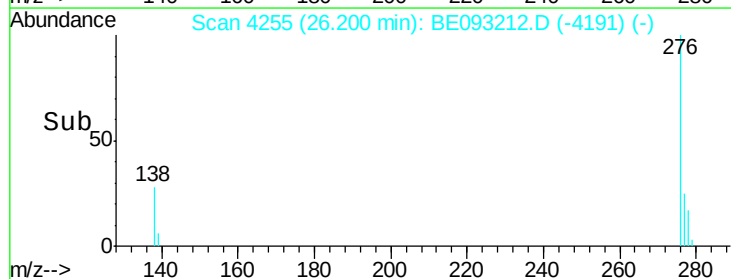
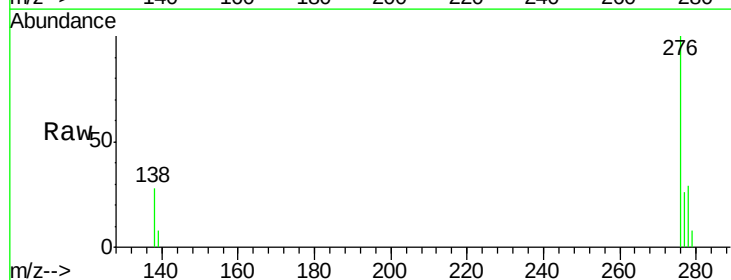
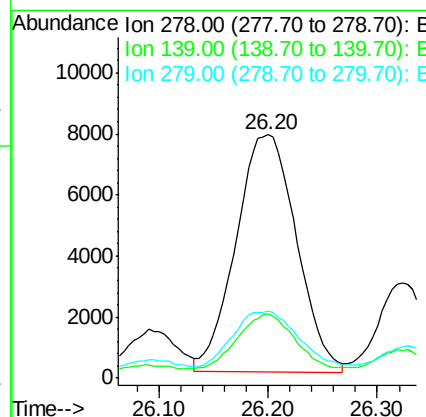
Manual Integrations
 APPROVED

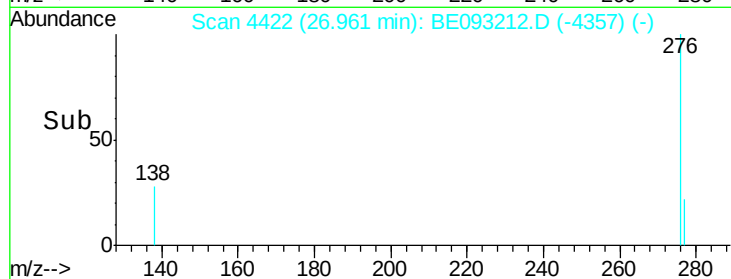
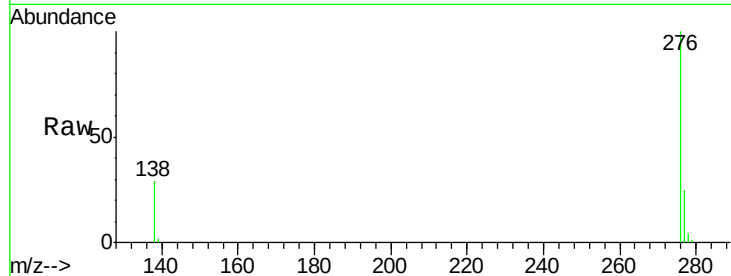
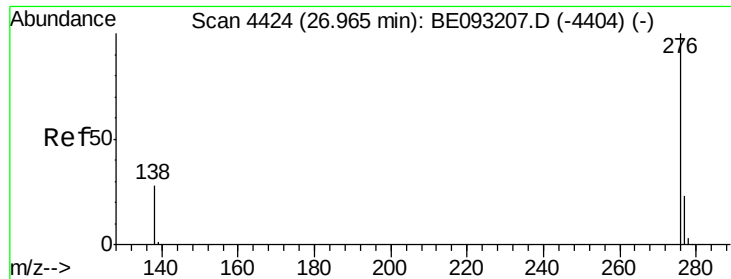
mohammad
 6/19/2017 11:06:27 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.621 ng/ul m
 RT: 26.20 min Scan# 4255
 Delta R.T. -0.01 min
 Lab File: BE093212.D
 Acq: 15 Jun 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	29940		
139	26.3		17.4	26.0
279	27.7		25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 1.424 ng/ul

RT: 26.96 min Scan# 4422

Delta R.T. -0.00 min

Lab File: BE093212.D

Acq: 15 Jun 2017 17:26

Instrument :

BNA_E

ClientSampleId :

F5C84DL

Tgt Ion:	276	Resp:	69888
Ion Ratio	Lower	Upper	
276	100		
138	29.2	21.8	32.8
277	24.5	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:27 AM

