

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093293.D
 Acq On : 20 Jun 2017 22:15
 Operator : SJ/JU
 Sample : I3627-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A03

Manual Integrations
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mohammad
 6/21/2017 12:18:57 PM

Quant Time: Jun 21 03:57:05 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	1803	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9604	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	6027	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14356	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14949	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	12247m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3570	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	10513	0.27	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	2129	0.089	ng/ul#	94
5) 2-Methylnaphthalene	12.18	142	378	0.023	ng/ul	100
7) Acenaphthylene	14.09	152	22427	0.867	ng/ul	95
8) Acenaphthene	14.42	153	746	0.036	ng/ul	93
9) Fluorene	15.42	166	995	0.041	ng/ul#	91
12) Phenanthrene	17.14	178	6798	0.172	ng/ul#	90
13) Anthracene	17.22	178	19981	0.581	ng/ul#	88
15) Fluoranthene	19.15	202	173243	3.576	ng/ul	84
17) Pyrene	19.52	202	418043	9.483	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	161731	4.056	ng/ul#	84
19) Chrysene	21.29	228	185651	4.488	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	342222	9.208	ng/ul	86
22) Benzo(k)fluoranthene	22.97	252	108967m	2.761	ng/ul	
23) Benzo(a)pyrene	23.56	252	177667m	5.056	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	117696m	2.892	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	29765m	0.869	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	75528	2.164	ng/ul	96

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

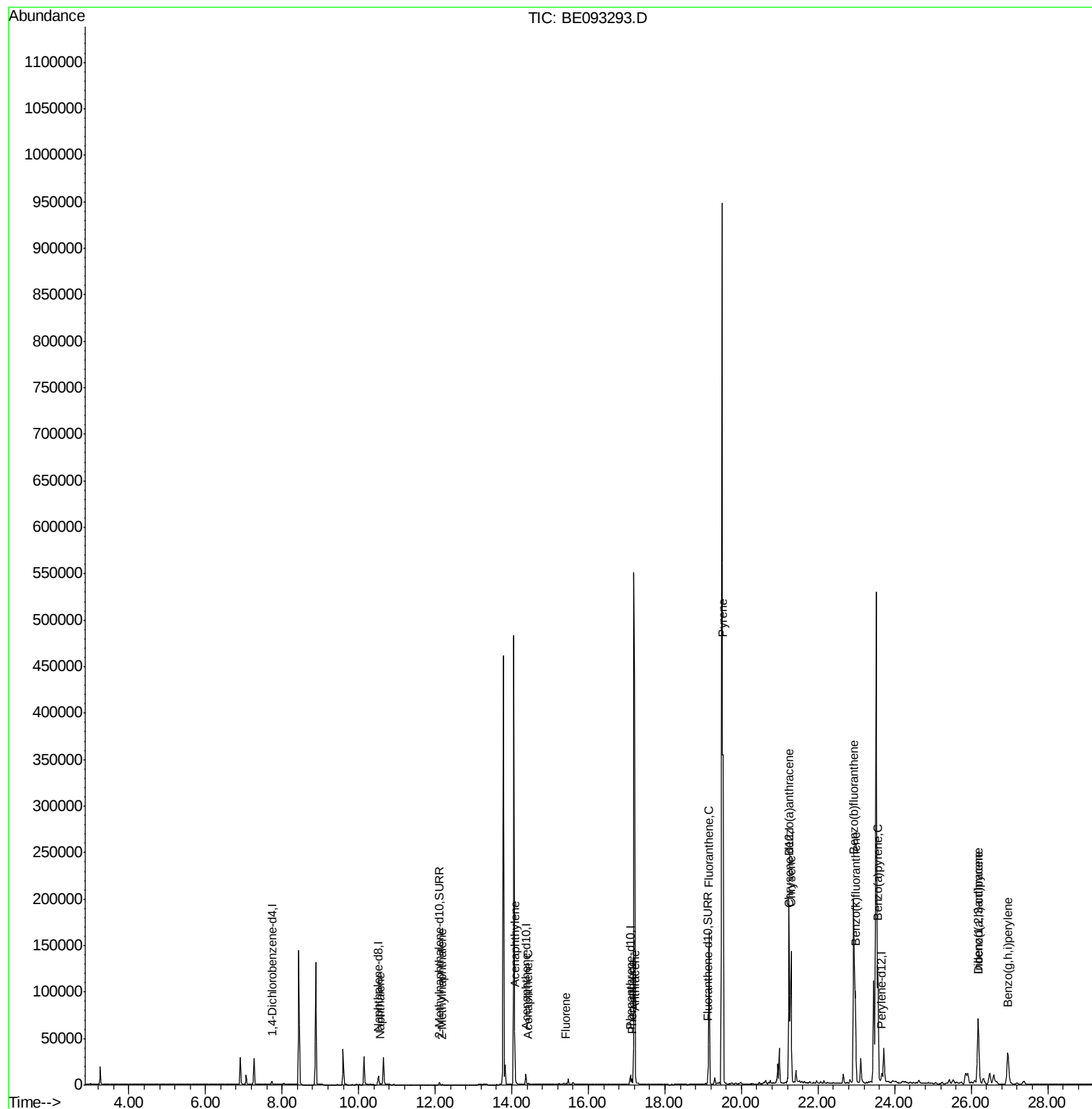
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
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QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.089 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Instrument :

BNA_E

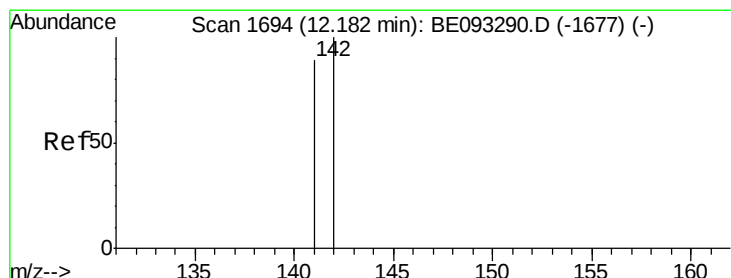
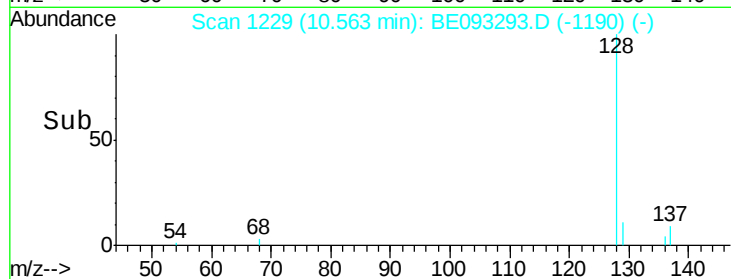
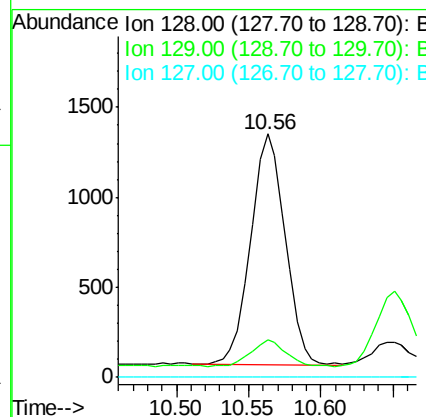
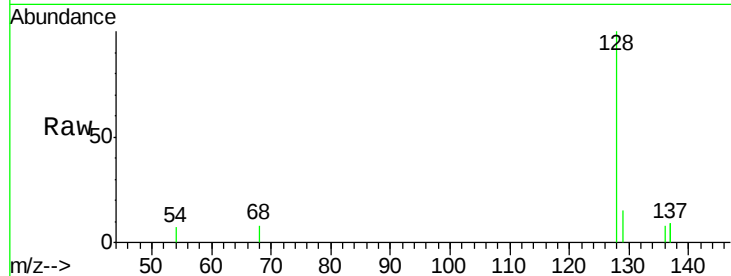
ClientSampleId :

F5A03

Tgt Ion:	128	Resp:	2129
Ion Ratio	Lower	Upper	
128	100		
129	15.2	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

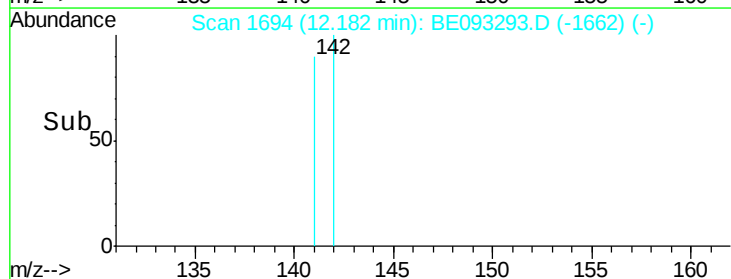
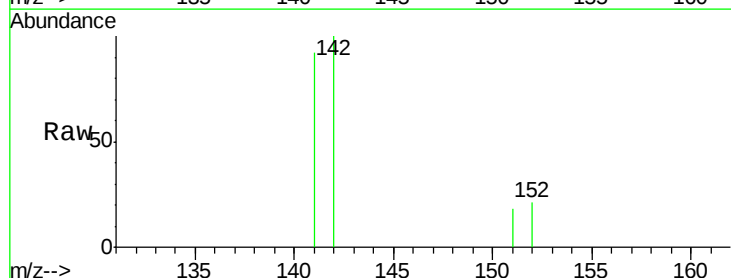
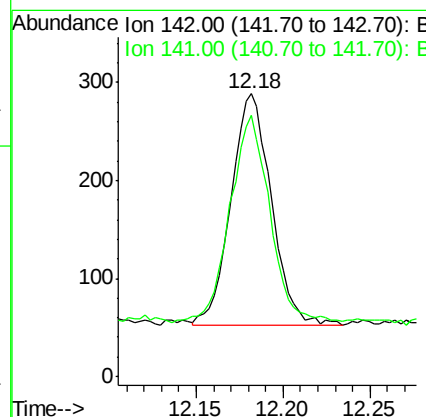
RT: 12.18 min Scan# 1694

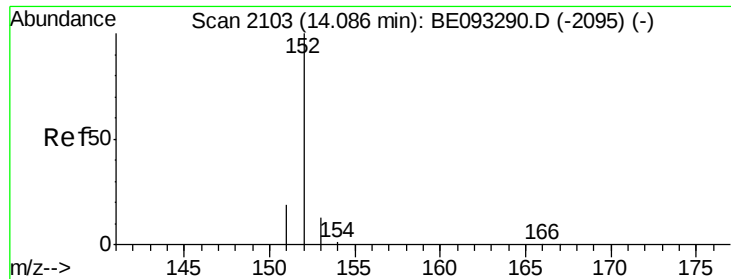
Delta R.T. -0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Tgt Ion:	142	Resp:	378
Ion Ratio	Lower	Upper	
142	100		
141	90.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.867 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Instrument :

BNA_E

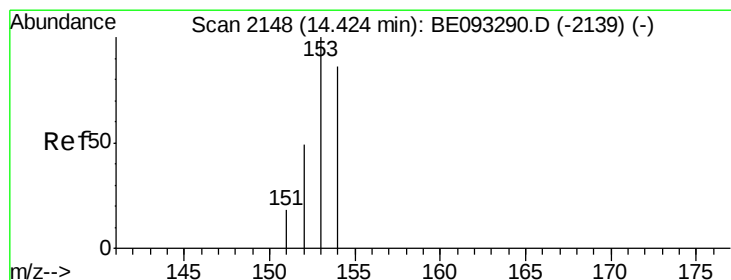
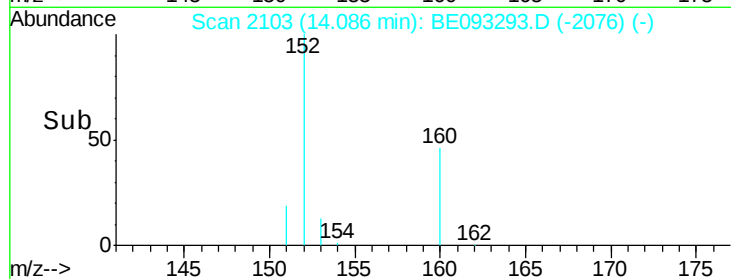
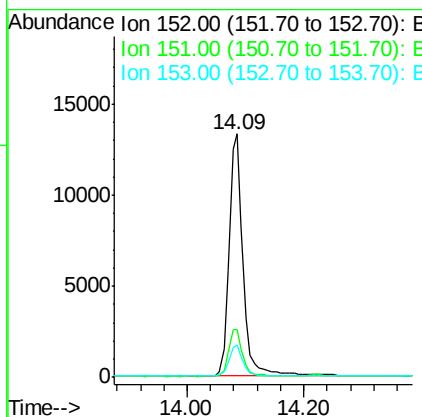
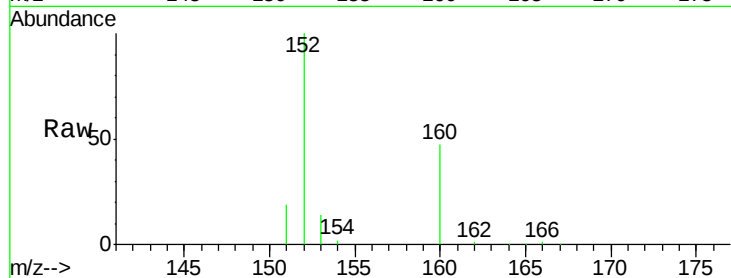
ClientSampleId :

F5A03

Tgt Ion:	152	Resp:	22427
Ion Ratio	Lower	Upper	
152	100		
151	19.5	17.1	25.7
153	13.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.036 ng/ul

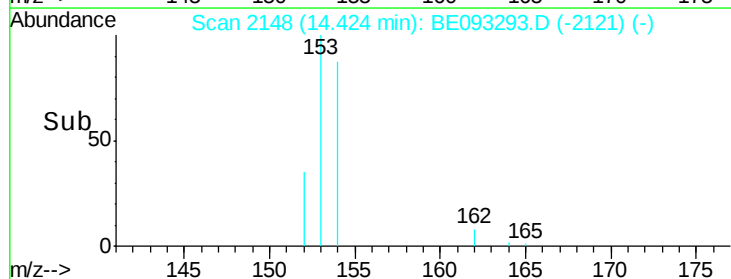
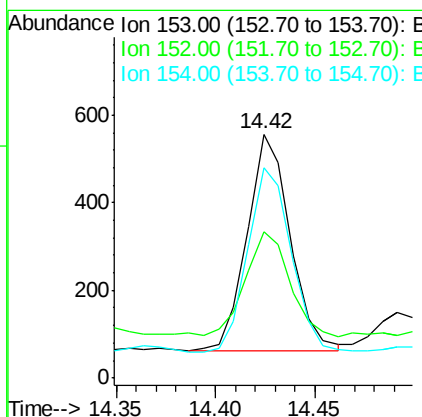
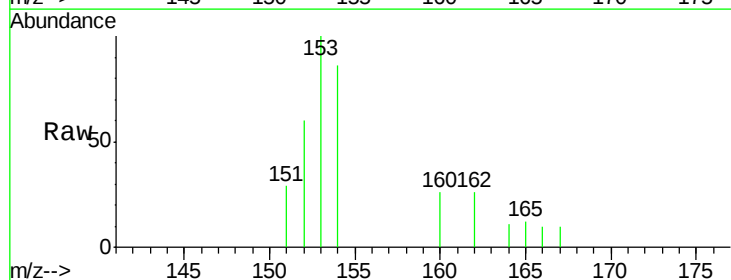
RT: 14.42 min Scan# 2148

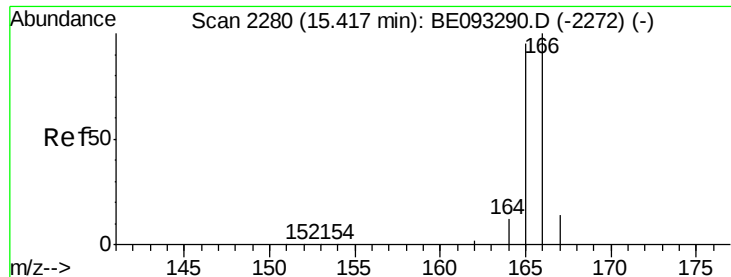
Delta R.T. -0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Tgt Ion:	153	Resp:	746
Ion Ratio	Lower	Upper	
153	100		
152	60.1	40.3	60.5
154	86.3	71.4	107.2





#9

Fluorene

Concen: 0.041 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Instrument :

BNA_E

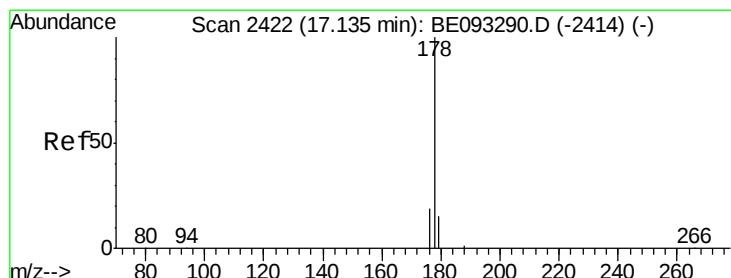
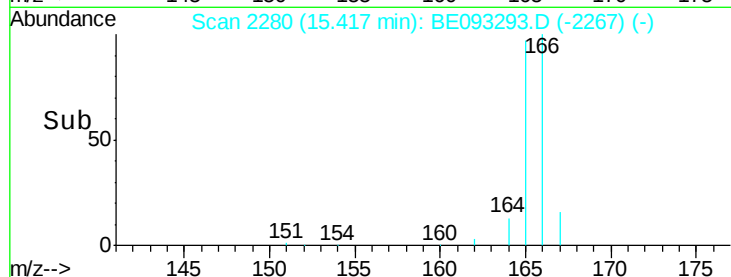
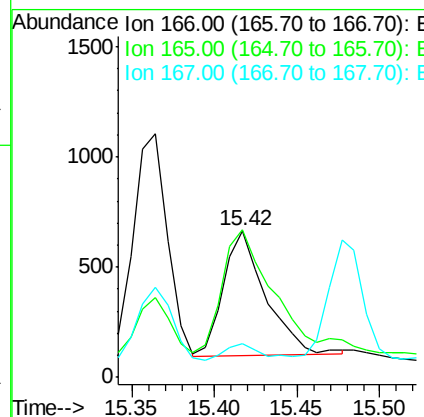
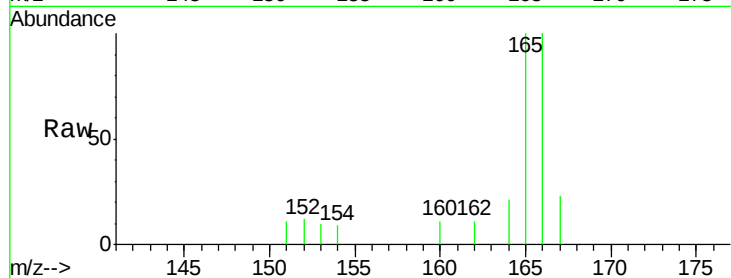
ClientSampled :

F5A03

Tgt Ion:	166	Resp:	995
Ion Ratio	Lower	Upper	
166	100		
165	100.5	73.4	110.2
167	23.2	14.6	22.0

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#12

Phenanthrene

Concen: 0.172 ng/ul

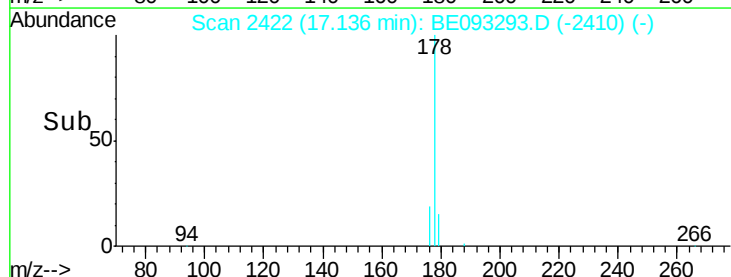
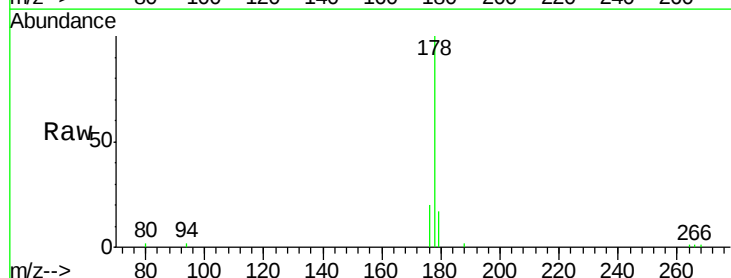
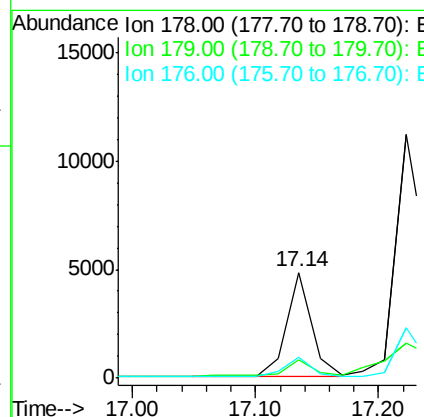
RT: 17.14 min Scan# 2422

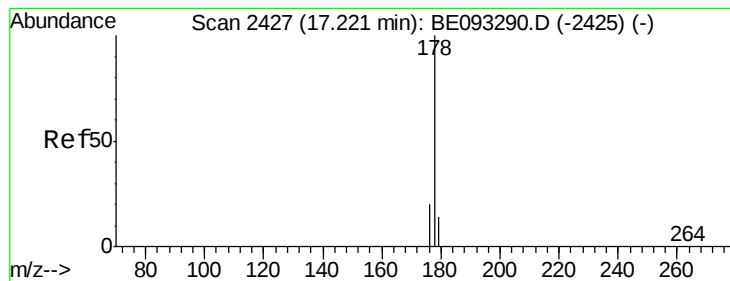
Delta R.T. 0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Tgt Ion:	178	Resp:	6798
Ion Ratio	Lower	Upper	
178	100		
179	17.0	18.4	27.6
176	19.7	13.6	20.4





#13

Anthracene

Concen: 0.581 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Instrument :

BNA_E

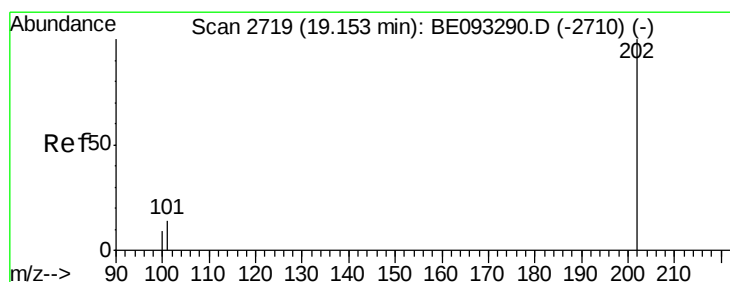
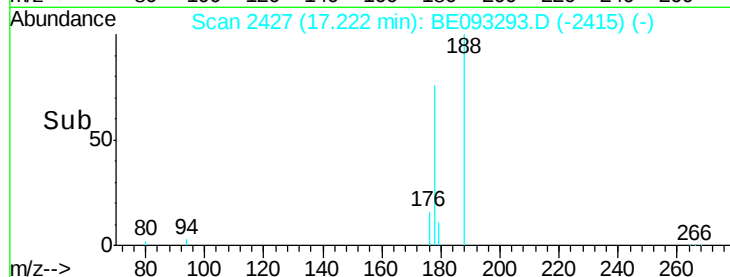
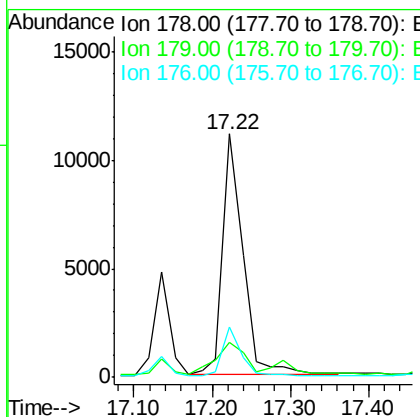
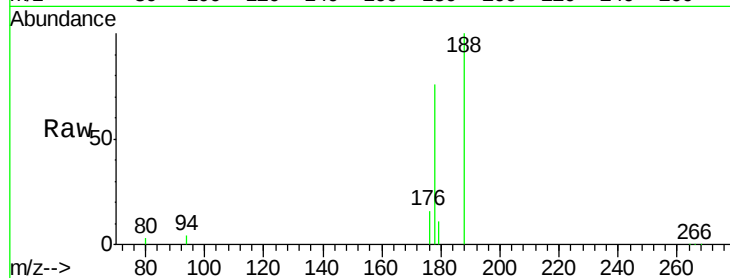
ClientSampleId :

F5A03

Tgt Ion:	178	Resp:	19981
Ion Ratio	Lower	Upper	
178	100		
179	14.6	18.1	27.1#
176	20.9	14.7	22.1

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#15

Fluoranthene

Concen: 3.576 ng/ul

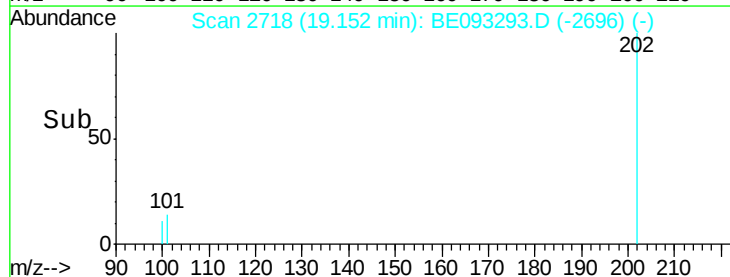
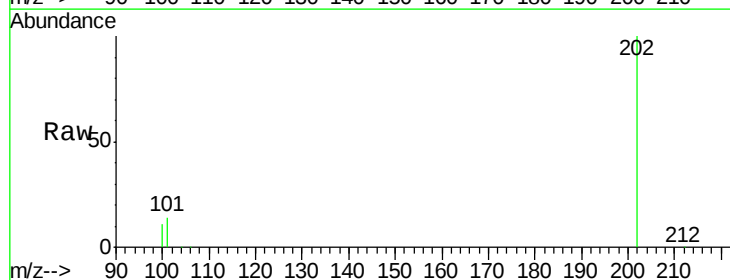
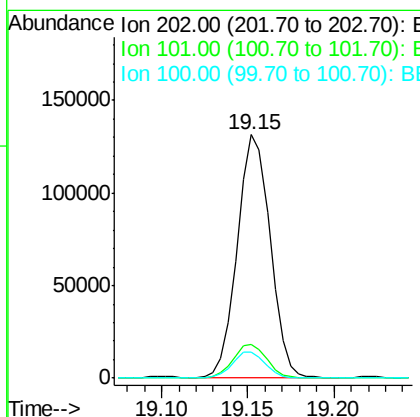
RT: 19.15 min Scan# 2718

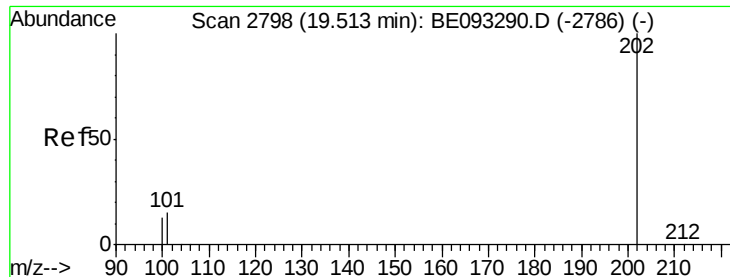
Delta R.T. -0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Tgt Ion:	202	Resp:	173243
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	30.3
100	10.7	0.0	39.5





#17

Pyrene

Concen: 9.483 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Instrument :

BNA_E

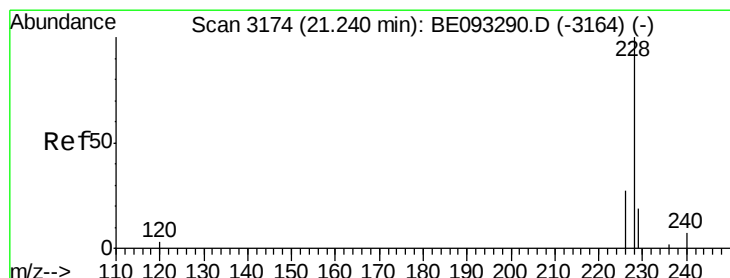
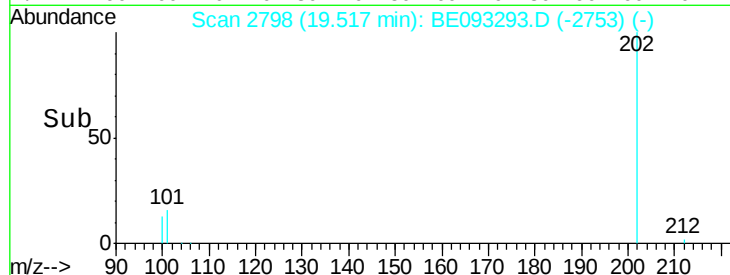
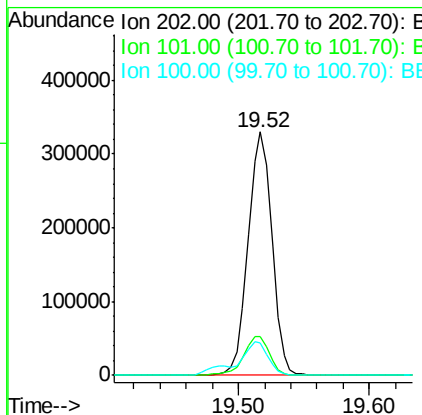
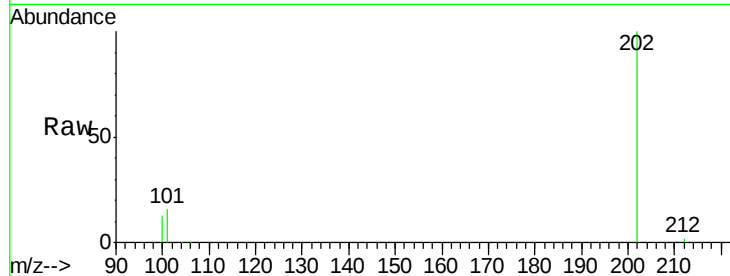
ClientSampleId :

F5A03

Tgt Ion:	202	Resp:	418043
Ion Ratio	Lower	Upper	
202	100		
101	15.9	18.2	27.4#
100	13.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 4.056 ng/ul

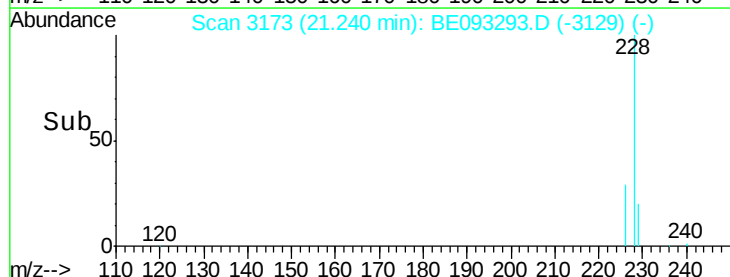
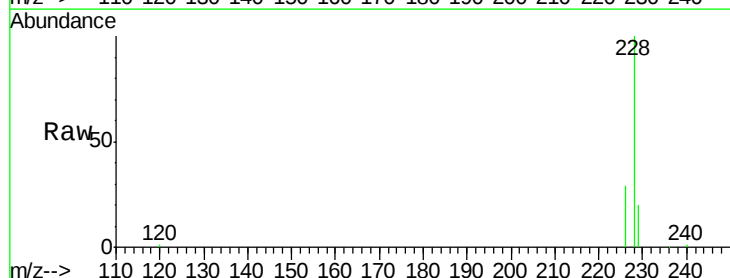
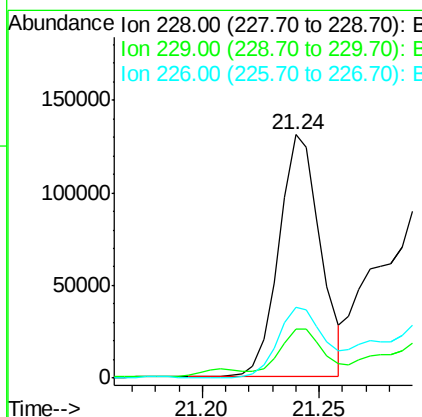
RT: 21.24 min Scan# 3173

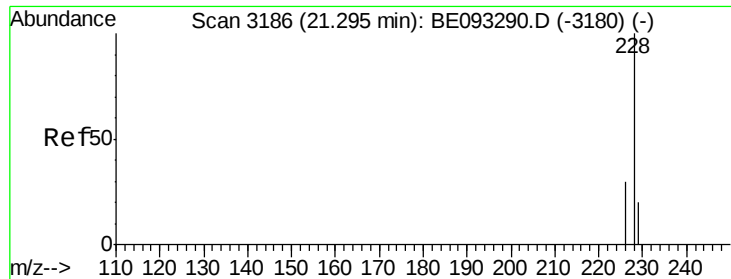
Delta R.T. -0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Tgt Ion:	228	Resp:	161731
Ion Ratio	Lower	Upper	
228	100		
229	20.3	22.8	34.2#
226	29.2	17.0	25.6#





#19

Chrysene

Concen: 4.488 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Instrument :

BNA_E

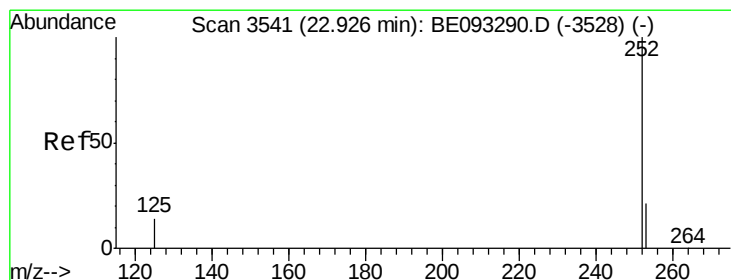
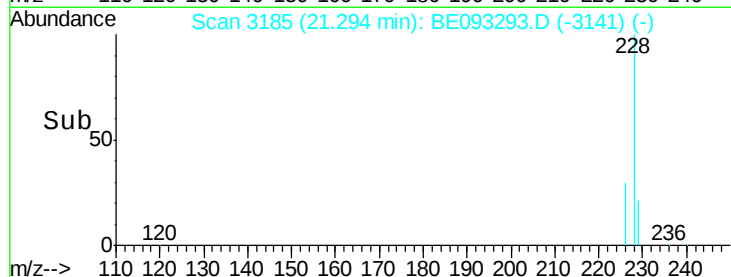
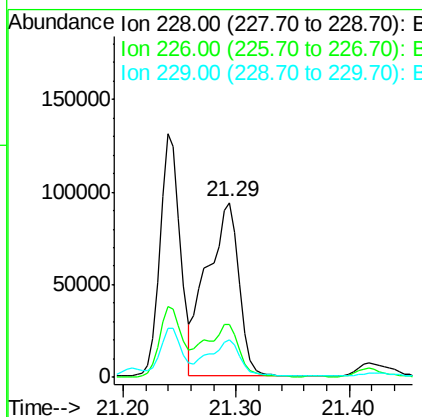
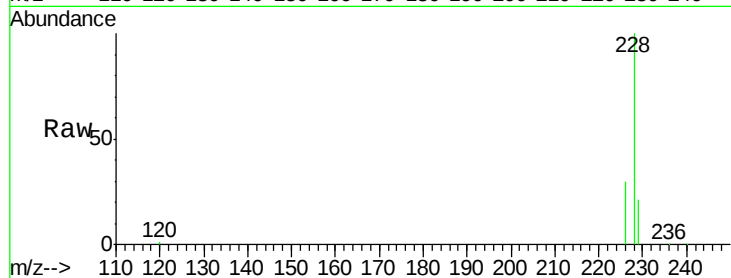
ClientSampleId :

F5A03

Tgt Ion:	228	Resp:	185651
Ion Ratio		Lower	Upper
228	100		
226	30.4	23.4	35.0
229	21.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 9.208 ng/ul

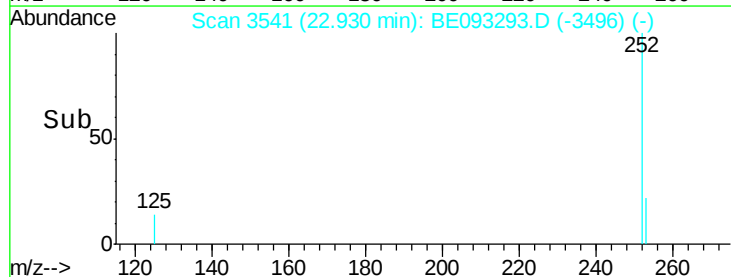
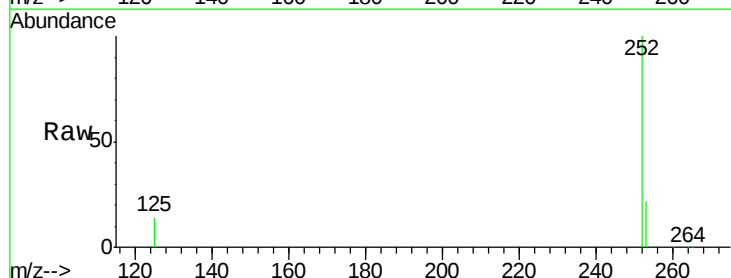
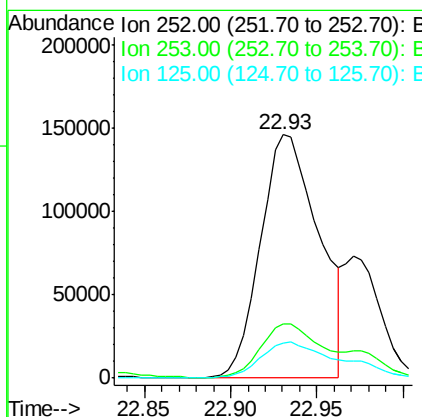
RT: 22.93 min Scan# 3541

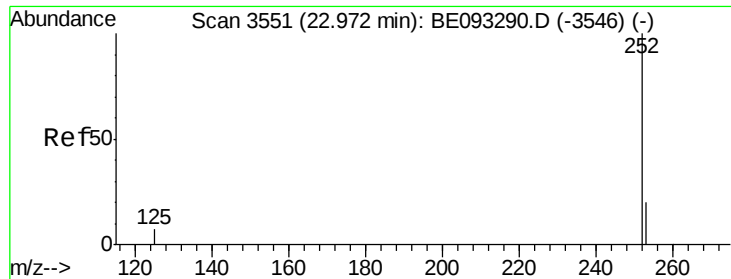
Delta R.T. 0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Tgt Ion:	252	Resp:	342222
Ion Ratio		Lower	Upper
252	100		
253	22.4	0.0	64.2
125	14.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.761 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Instrument :

BNA_E

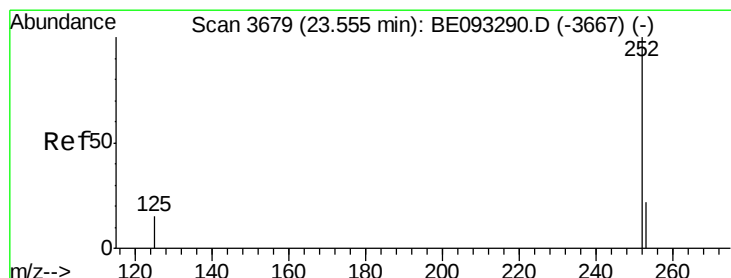
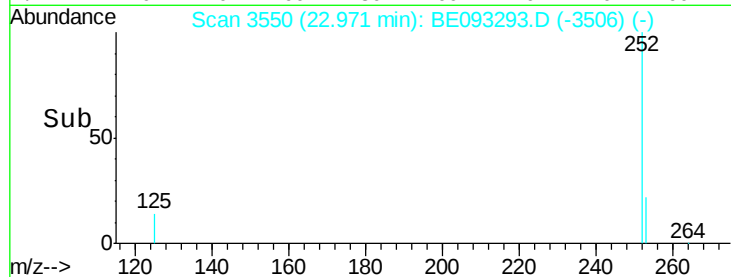
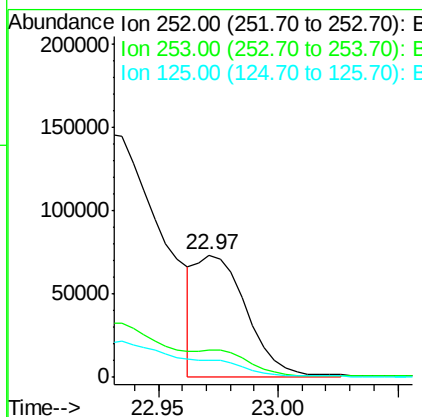
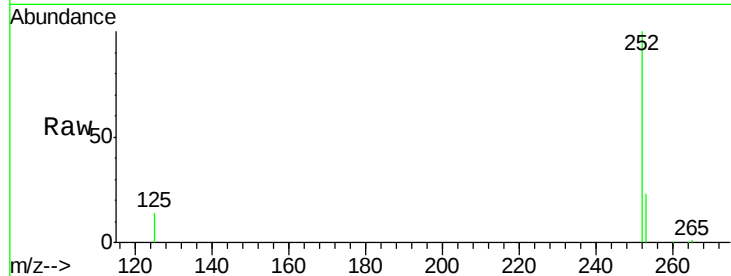
ClientSampleId :

F5A03

Tgt Ion:	252	Resp:	108967
Ion Ratio	Lower	Upper	
252	100		
253	22.8	24.5	36.7#
125	14.4	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 5.056 ng/ul m

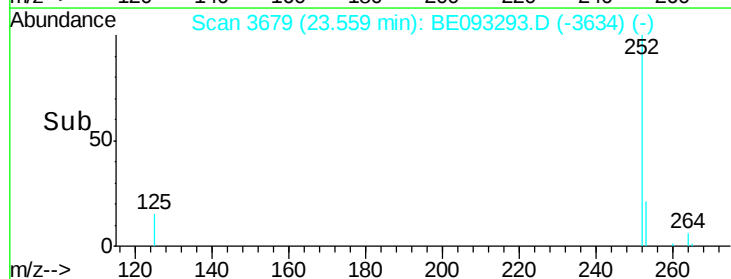
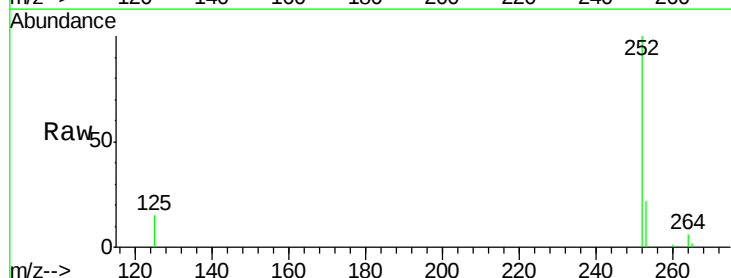
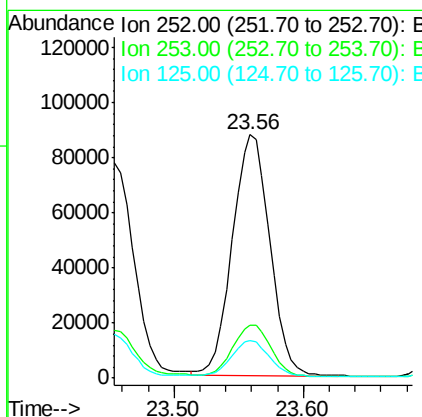
RT: 23.56 min Scan# 3679

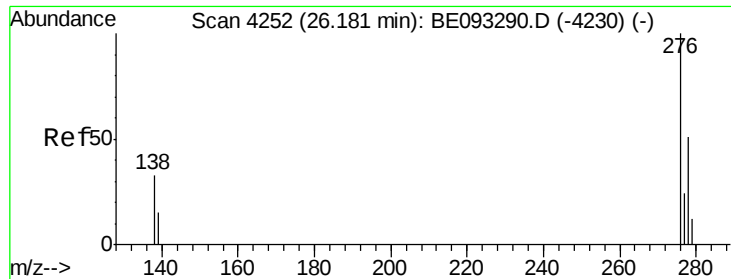
Delta R.T. 0.00 min

Lab File: BE093293.D

Acq: 20 Jun 2017 22:15

Tgt Ion:	252	Resp:	177667
Ion Ratio	Lower	Upper	
252	100		
253	21.8	28.5	42.7#
125	15.4	18.1	27.1#





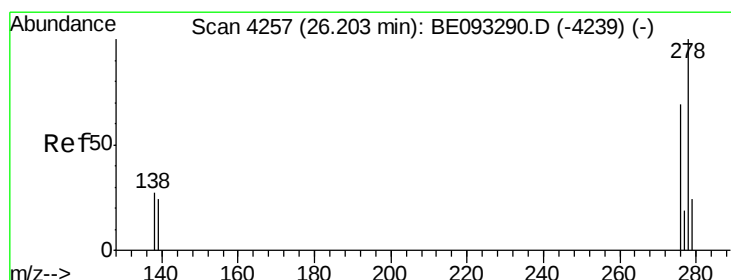
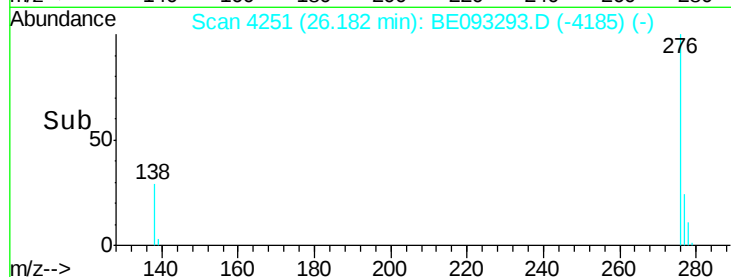
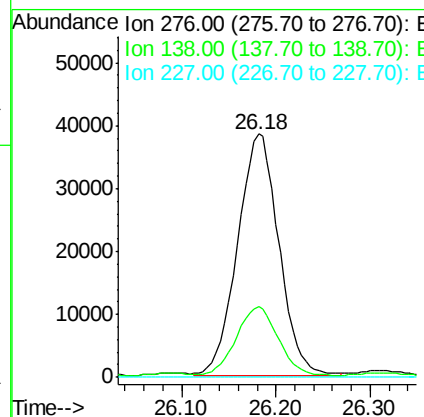
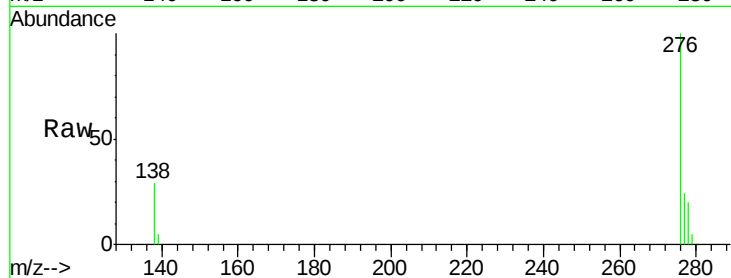
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.892 ng/ul m
 RT: 26.18 min Scan# 4251
 Delta R.T. 0.00 min
 Lab File: BE093293.D
 Acq: 20 Jun 2017 22:15

Instrument :
 BNA_E
 ClientSampleId :
 F5A03

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	117696		
138	2.9	28.0	42.0#	
227	0.0	8.0	12.0#	

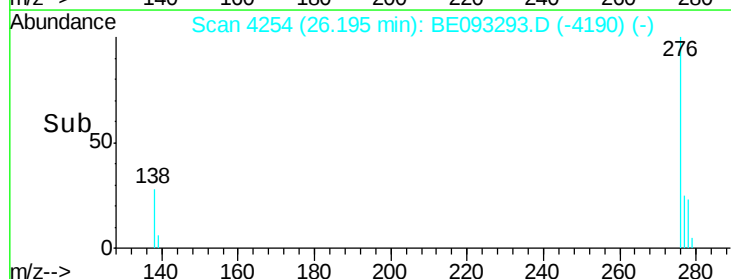
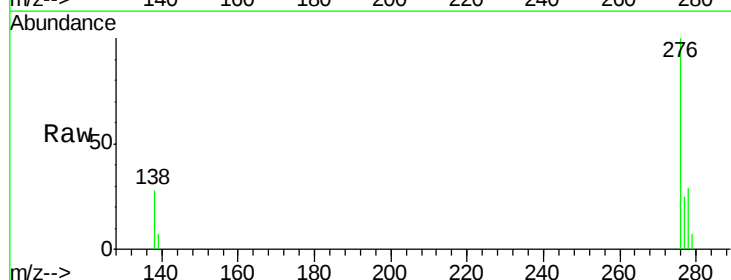
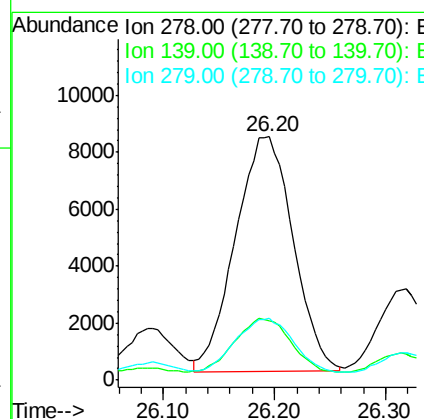
Manual Integrations
 APPROVED

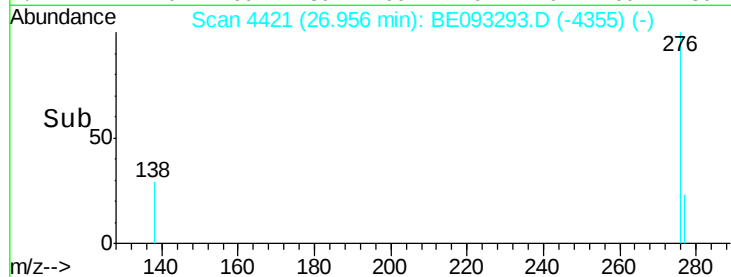
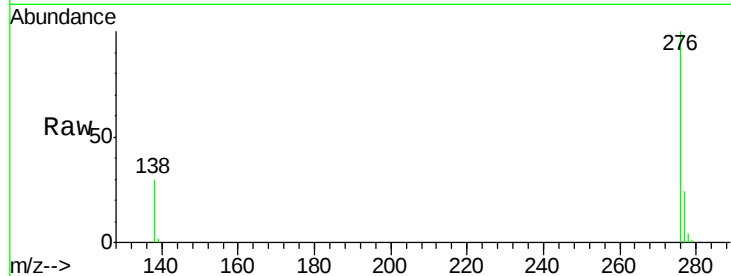
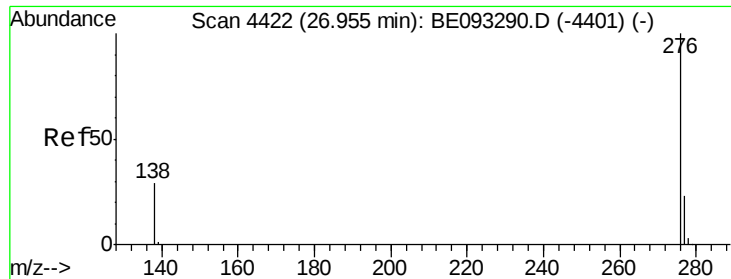
mohammad
 6/21/2017 12:18:57 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.869 ng/ul m
 RT: 26.20 min Scan# 4254
 Delta R.T. -0.01 min
 Lab File: BE093293.D
 Acq: 20 Jun 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	29765		
139	24.6	17.4	26.0	
279	25.5	25.9	38.9#	





#26
Benzo(g,h,i)perylene
Concen: 2.164 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. 0.00 min
Lab File: BE093293.D
Acq: 20 Jun 2017 22:15

Tgt Ion:	276	Resp:	75528
Ion Ratio	Lower	Upper	
276	100		
138	30.2	21.8	32.8
277	24.2	20.5	30.7

Instrument :
BNA_E
ClientSampleId :
F5A03

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:57 PM

