

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
 Data File : BE093314.D
 Acq On : 21 Jun 2017 14:16
 Operator : SJ/JU
 Sample : I3627-19DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A92DL

Manual Integrations
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mohammad
 6/22/2017 11:48:44 AM

Quant Time: Jun 22 03:22:28 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	1454	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7819	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4931	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11943	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12823	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10513	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	707	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	2082	0.06	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.56	128	13899	0.72	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	13401	1.01	ng/ul	99
7) Acenaphthylene	14.08	152	10848	0.51	ng/ul#	96
8) Acenaphthene	14.42	153	26087	1.53	ng/ul	98
9) Fluorene	15.42	166	34912	1.74	ng/ul	95
12) Phenanthrene	17.14	178	707189	21.52	ng/ul#	88
13) Anthracene	17.22	178	117543	4.11	ng/ul#	90
15) Fluoranthene	19.15	202	941437	23.36	ng/ul	84
17) Pyrene	19.51	202	811464	21.46	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	368302	10.77	ng/ul#	85
19) Chrysene	21.29	228	385501	10.86	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	410457m	12.87	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	135816m	4.01	ng/ul	
23) Benzo(a)pyrene	23.56	252	265473	8.80	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.18	276	161308	4.62	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	47671	1.62	ng/ul	92
26) Benzo(a,h,i)perylene	26.96	276	122559	4.09	ng/ul	96

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

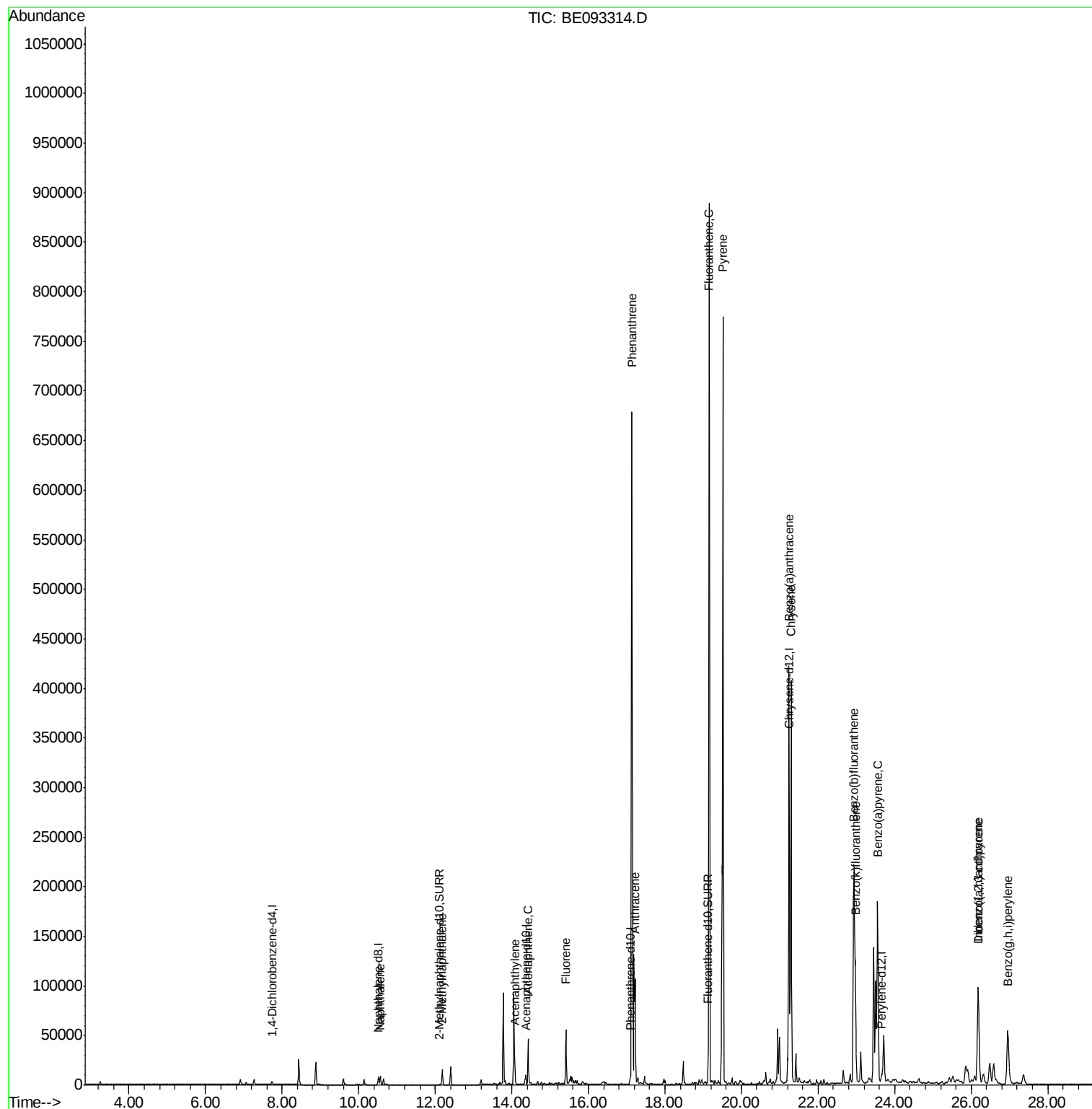
Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
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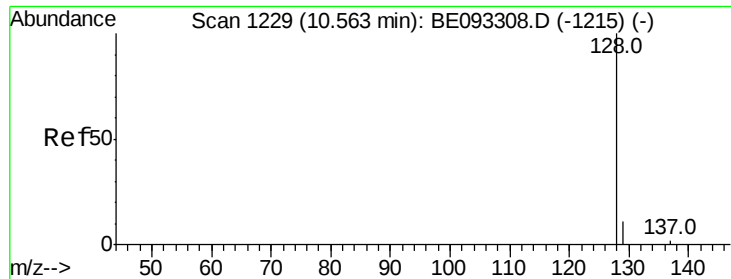
Instrument :
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#3

Naphthalene

Concen: 0.72 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093314.D

Acq: 21 Jun 2017 14:16

Instrument :

BNA_E

ClientSampleId :

F5A92DL

Tot Ion:128 Resp: 13899

Ion Ratio Lower Upper

128 100

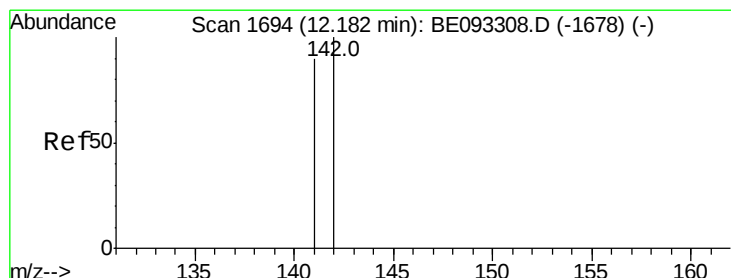
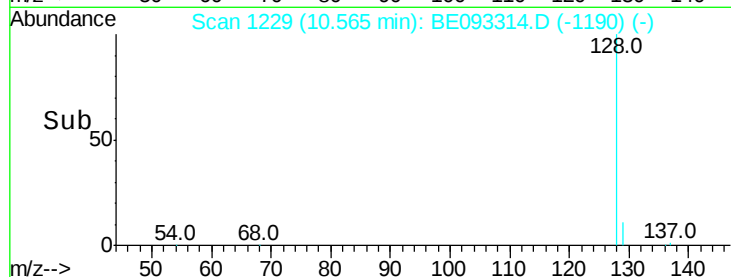
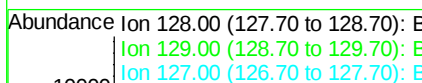
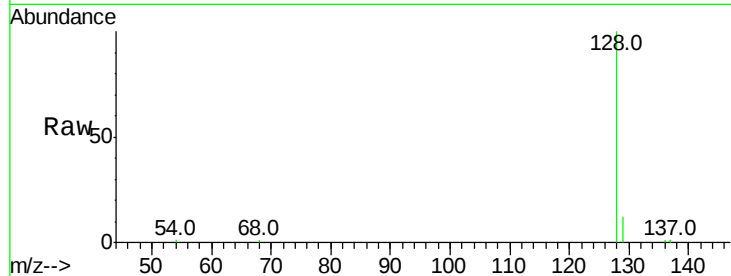
129 11.7 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 1.01 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093314.D

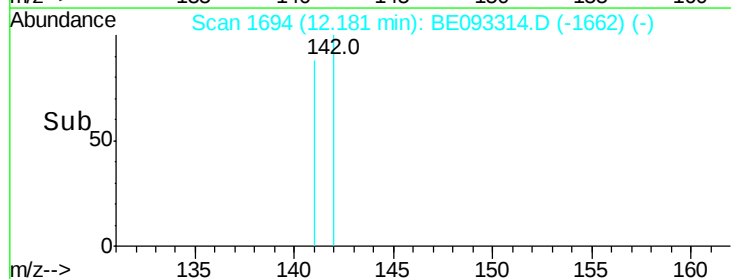
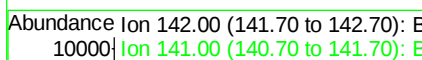
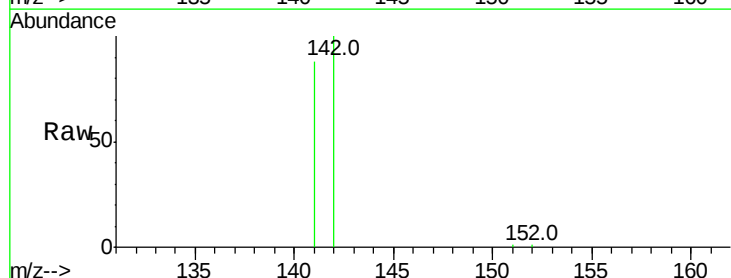
Acq: 21 Jun 2017 14:16

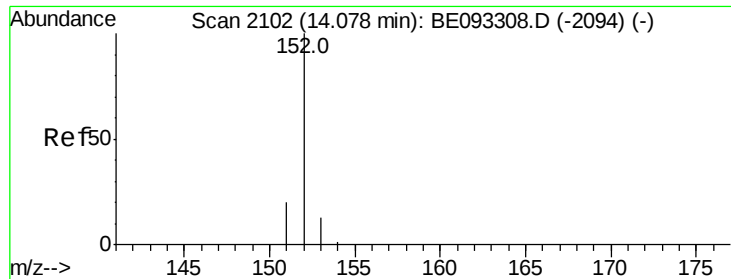
Tgt Ion:142 Resp: 13401

Ion Ratio Lower Upper

142 100

141 89.5 72.6 108.8





#7

Acenaphthylene

Concen: 0.51 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BE093314.D

Acq: 21 Jun 2017 14:16

Instrument :

BNA_E

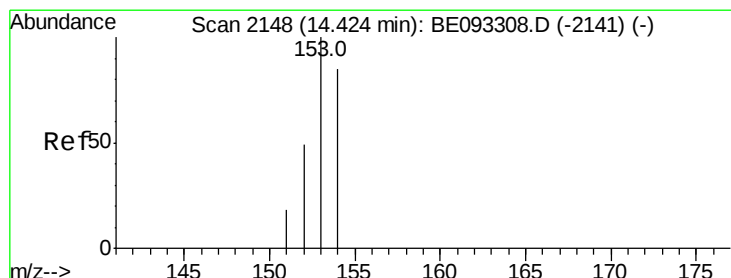
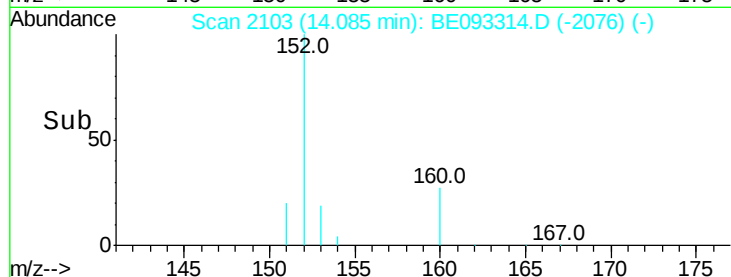
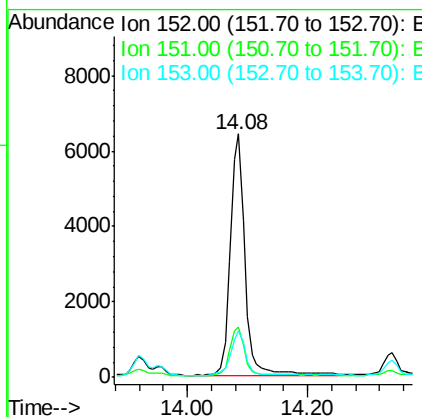
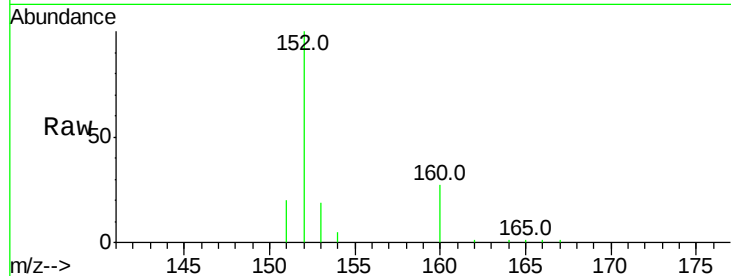
ClientSampleId :

F5A92DL

Tot Ion:	152	Resp:	10848
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.1	25.7
153	19.3	12.8	19.2#

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#8

Acenaphthene

Concen: 1.53 ng/ul

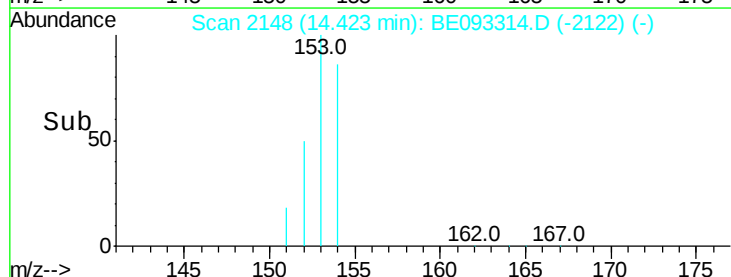
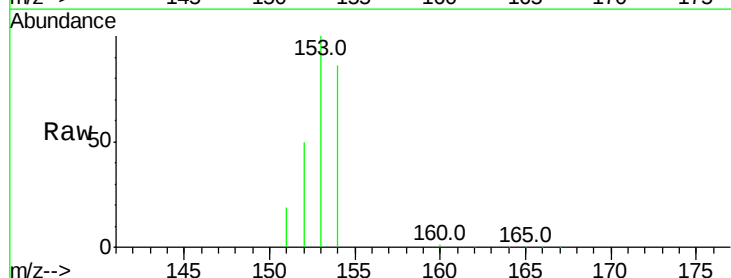
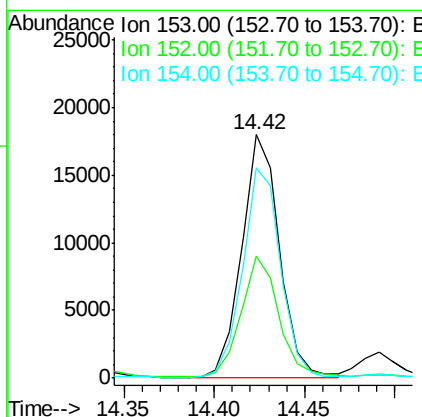
RT: 14.42 min Scan# 2148

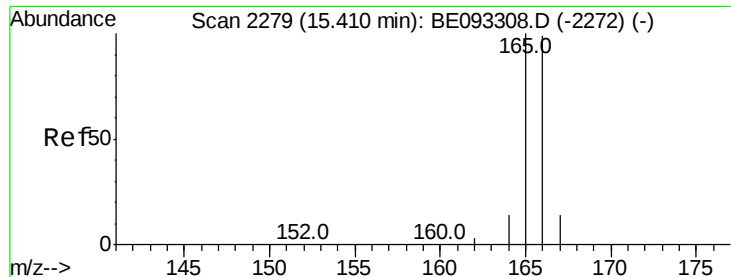
Delta R.T. -0.00 min

Lab File: BE093314.D

Acq: 21 Jun 2017 14:16

Tgt Ion:	153	Resp:	26087
Ion Ratio	Lower	Upper	
153	100		
152	49.9	40.3	60.5
154	86.4	71.4	107.2





#9

Fluorene

Concen: 1.74 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BE093314.D

Acq: 21 Jun 2017 14:16

Instrument :

BNA_E

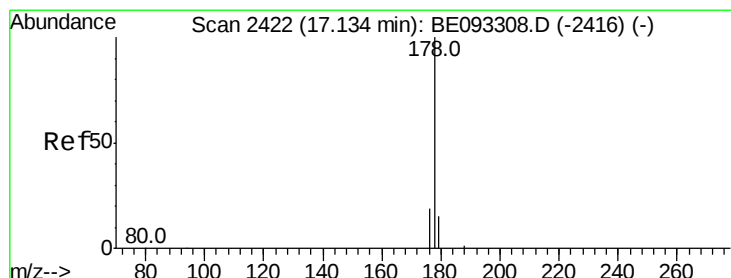
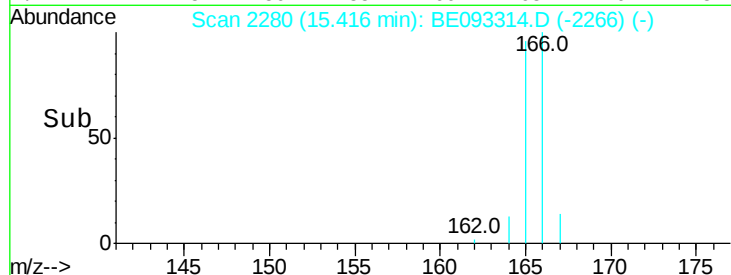
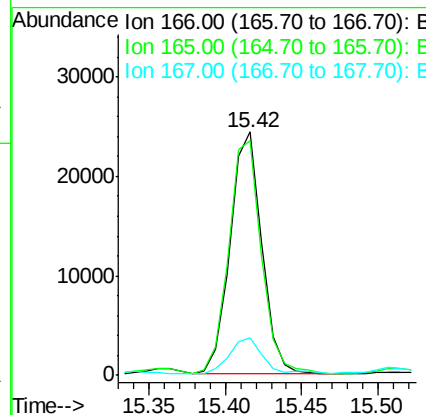
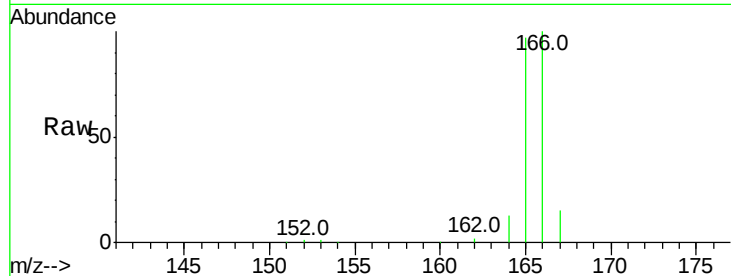
ClientSampleId :

F5A92DL

Tot Ion:	166	Resp:	34912
Ion Ratio	Lower	Upper	
166	100		
165	96.5	73.4	110.2
167	15.3	14.6	22.0

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#12

Phenanthrene

Concen: 21.52 ng/ul

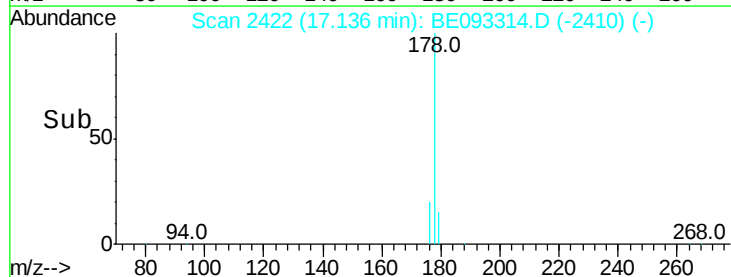
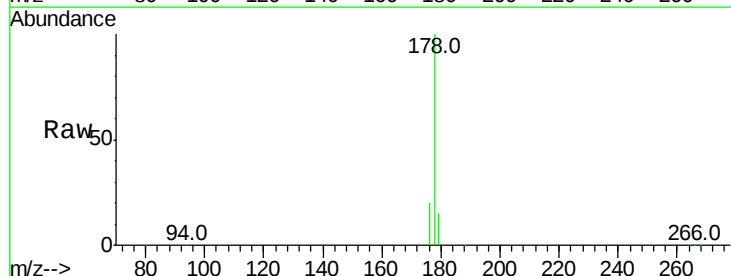
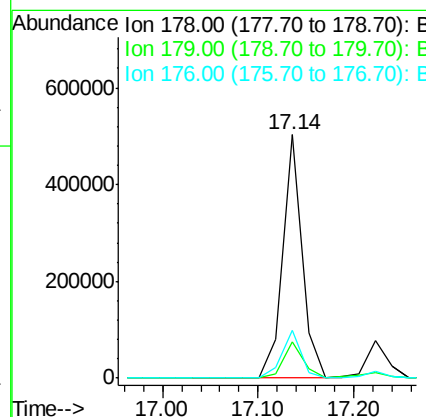
RT: 17.14 min Scan# 2422

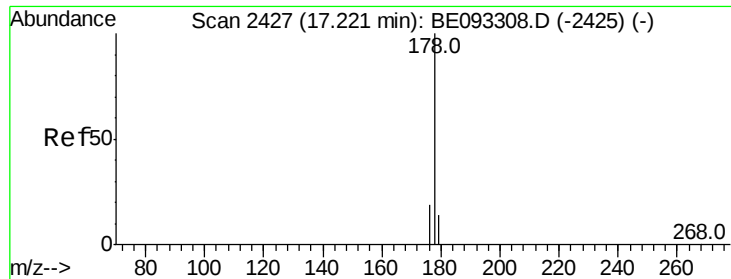
Delta R.T. 0.00 min

Lab File: BE093314.D

Acq: 21 Jun 2017 14:16

Tgt Ion:	178	Resp:	707189
Ion Ratio	Lower	Upper	
178	100		
179	14.9	18.4	27.6#
176	19.9	13.6	20.4





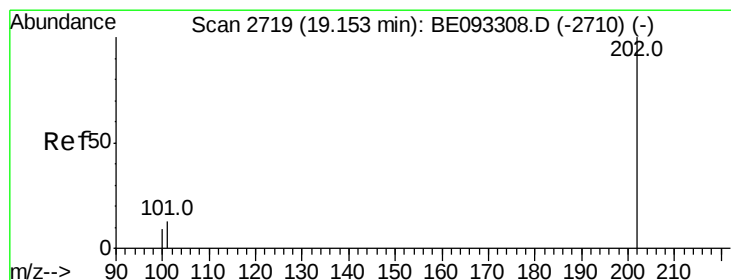
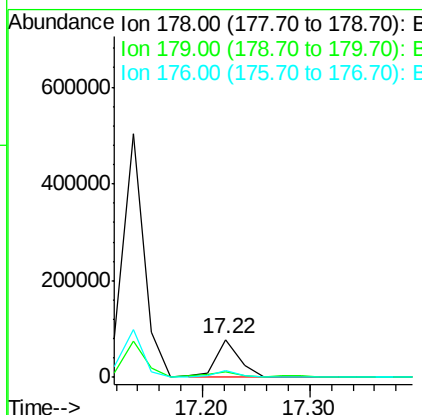
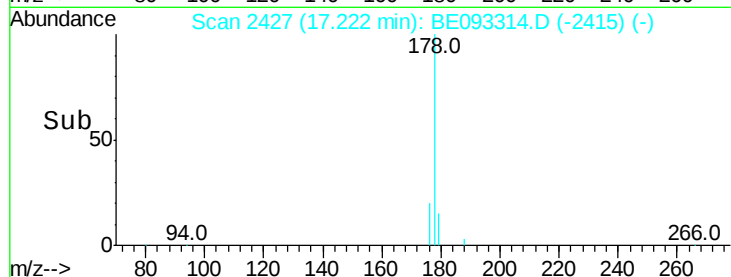
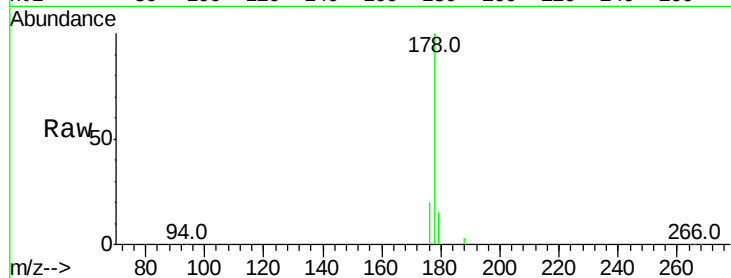
#13
 Anthracene
 Concen: 4.11 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BE093314.D
 Acq: 21 Jun 2017 14:16

Instrument :
 BNA_E
 ClientSampleId :
 F5A92DL

Tot Ion:178 Resp: 117543
 Ion Ratio Lower Upper
 178 100
 179 14.7 18.1 27.1#
 176 19.6 14.7 22.1

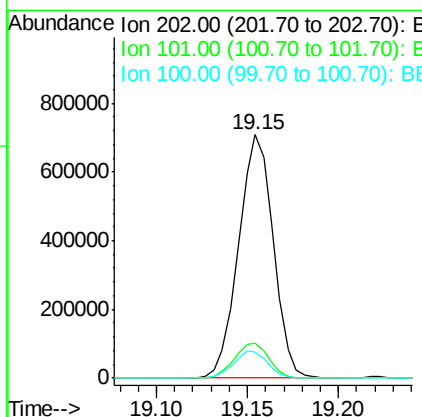
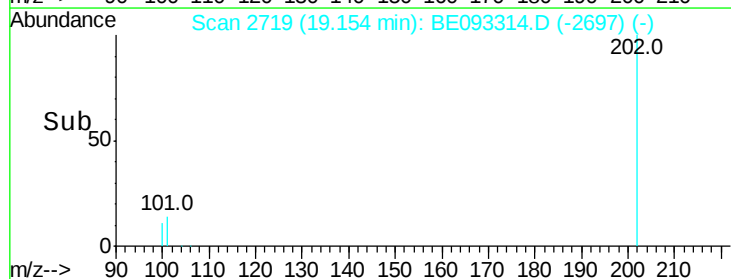
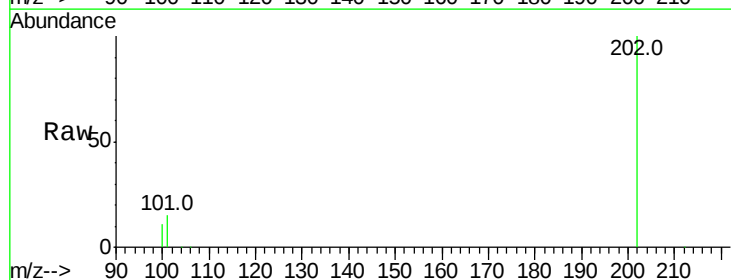
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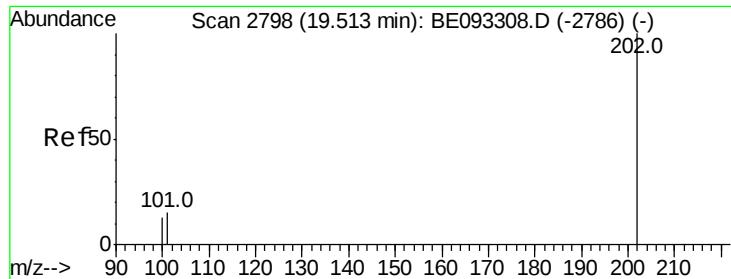
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#15
 Fluoranthene
 Concen: 23.36 ng/ul
 RT: 19.15 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE093314.D
 Acq: 21 Jun 2017 14:16

Tgt Ion:202 Resp: 941437
 Ion Ratio Lower Upper
 202 100
 101 14.5 0.0 30.3
 100 10.9 0.0 39.5





#17

Pvrene

Concen: 21.46 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093314.D

Acq: 21 Jun 2017 14:16

Instrument :

BNA_E

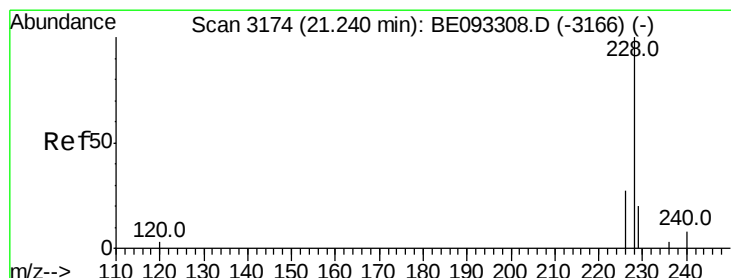
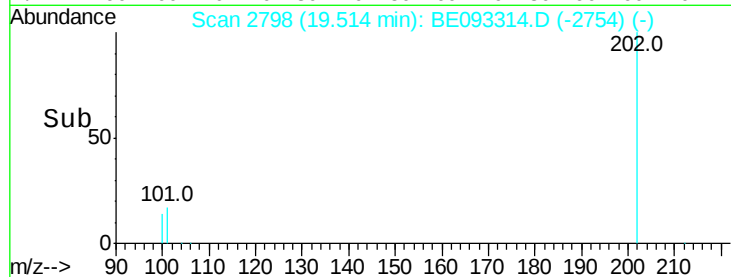
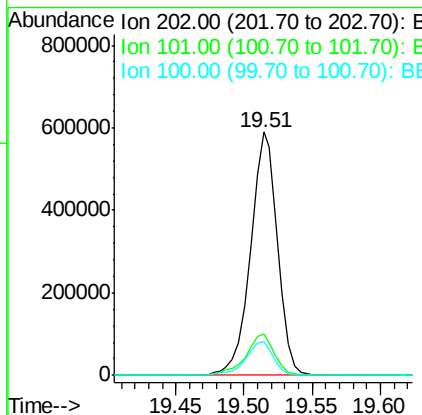
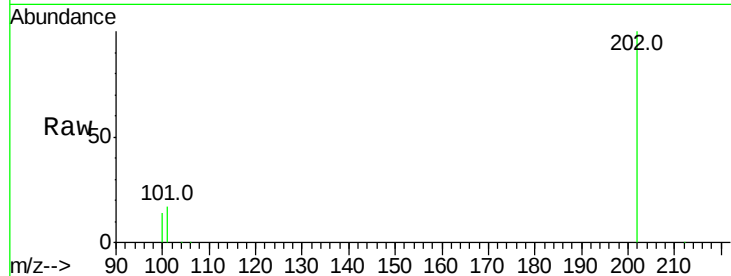
ClientSampleId :

F5A92DL

Tot Ion:	202	Resp:	811464
Ion Ratio	Lower	Upper	
202	100		
101	16.9	18.2	27.4#
100	14.0	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 10.77 ng/ul

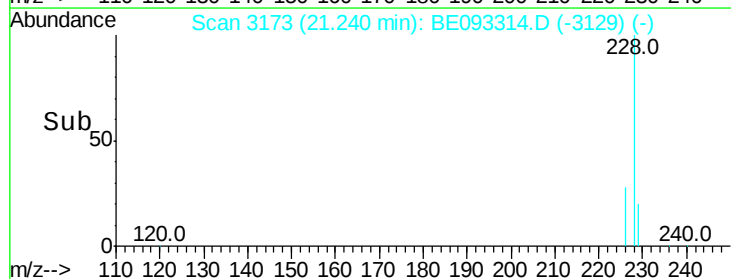
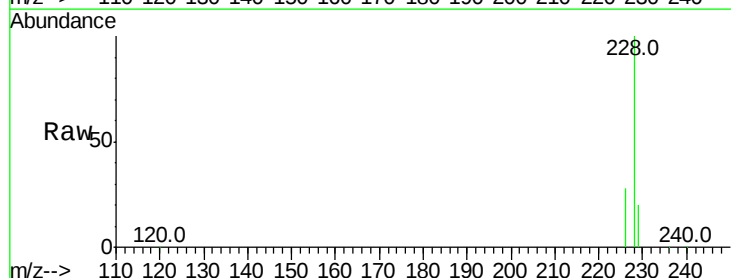
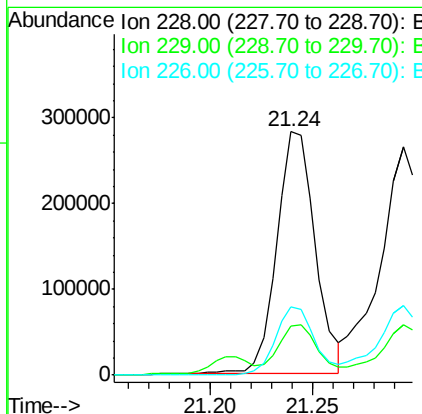
RT: 21.24 min Scan# 3173

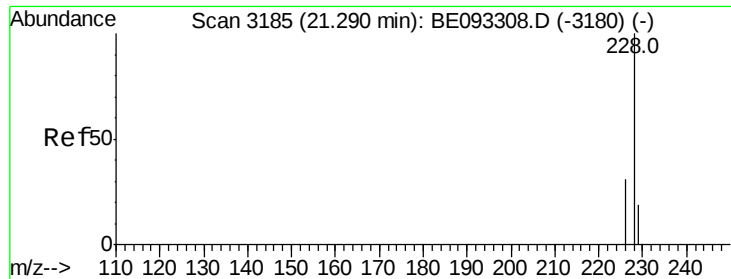
Delta R.T. -0.00 min

Lab File: BE093314.D

Acq: 21 Jun 2017 14:16

Tgt Ion:	228	Resp:	368302
Ion Ratio	Lower	Upper	
228	100		
229	20.2	22.8	34.2#
226	28.1	17.0	25.6#





#19

Chrysene

Concen: 10.86 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093314.D

Acq: 21 Jun 2017 14:16

Instrument :

BNA_E

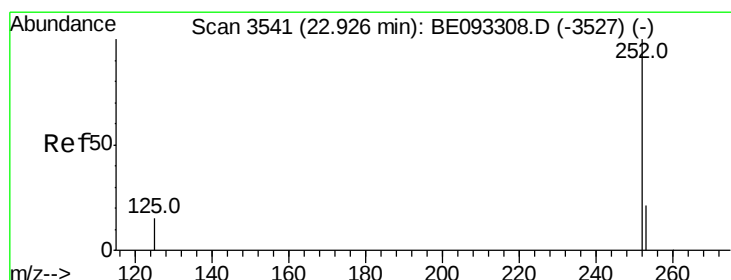
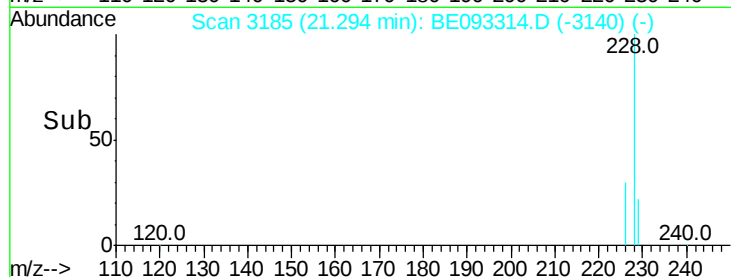
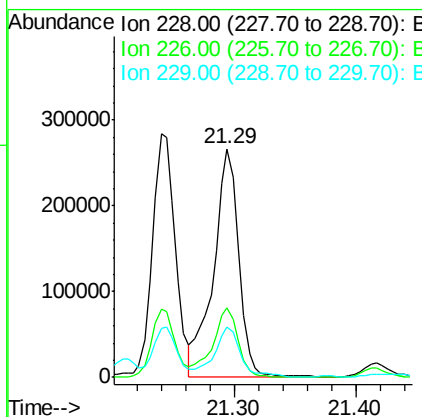
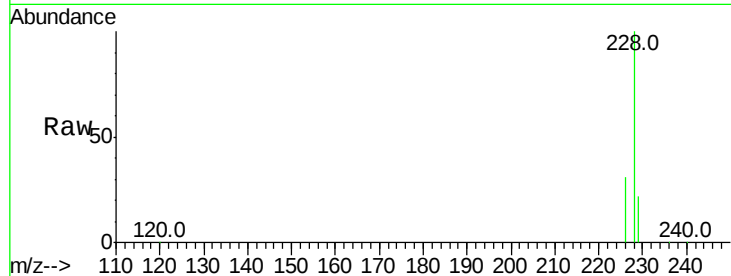
ClientSampleId :

F5A92DL

Tot Ion:	228	Resp:	385501
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 12.87 ng/ul m

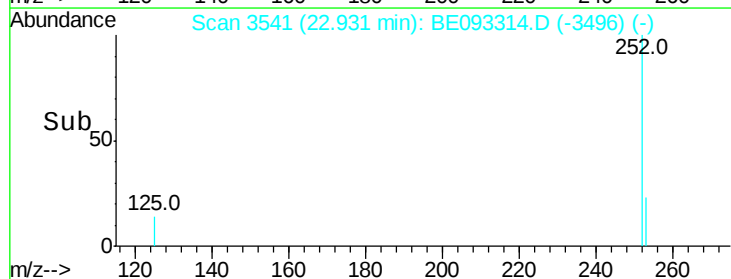
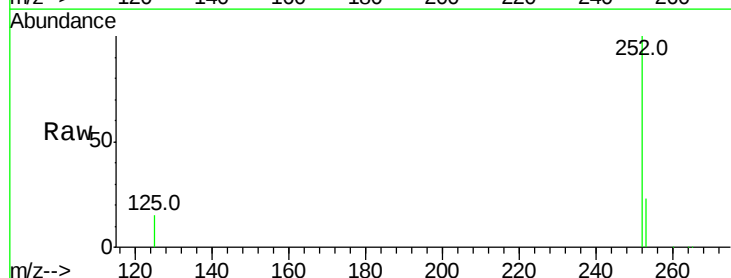
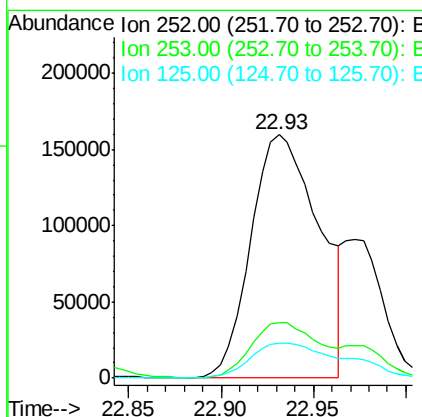
RT: 22.93 min Scan# 3541

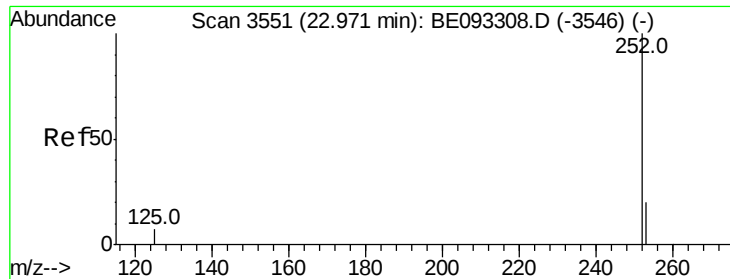
Delta R.T. 0.01 min

Lab File: BE093314.D

Acq: 21 Jun 2017 14:16

Tgt Ion:	252	Resp:	410457
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	14.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 4.01 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. 0.00 min

Lab File: BE093314.D

Acq: 21 Jun 2017 14:16

Instrument :

BNA_E

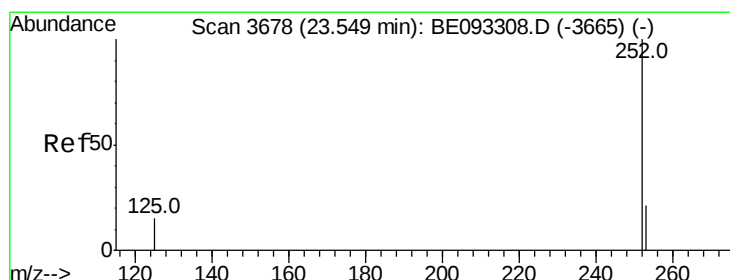
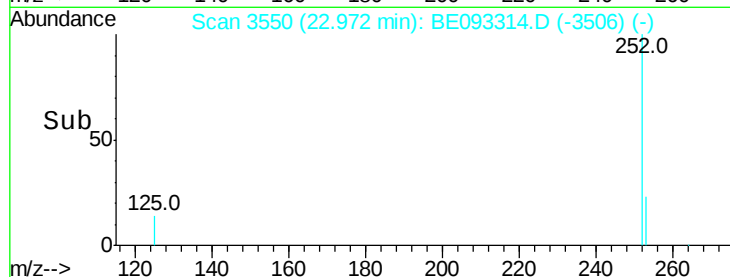
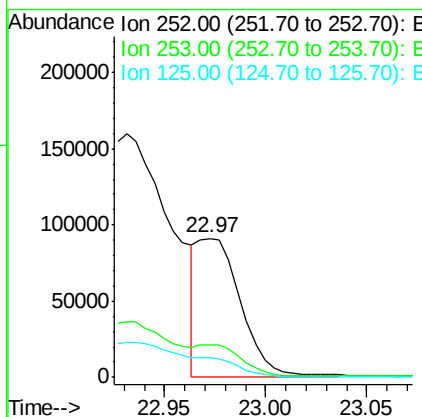
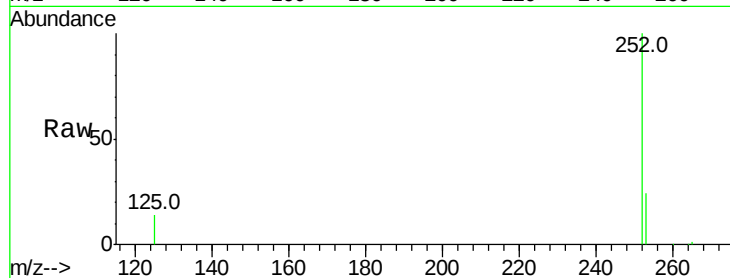
ClientSampleId :

F5A92DL

Tot Ion:	252	Resp:	135816
Ion Ratio	Lower	Upper	
252	100		
253	23.8	24.5	36.7#
125	14.1	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 8.80 ng/ul

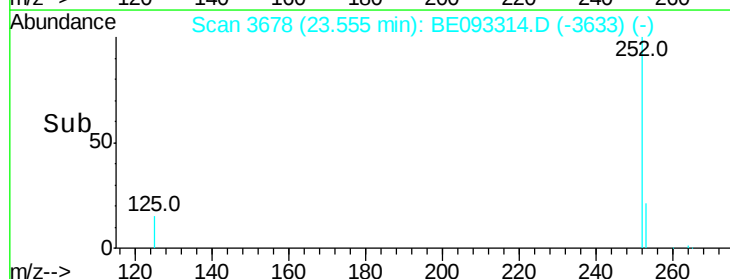
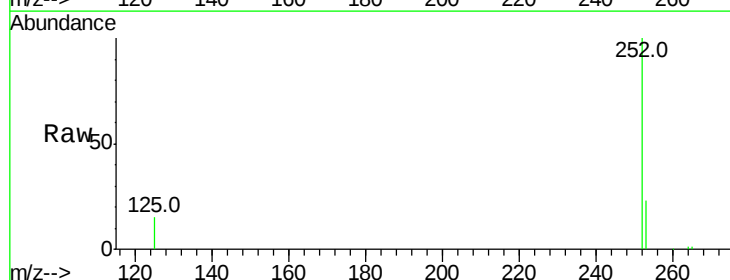
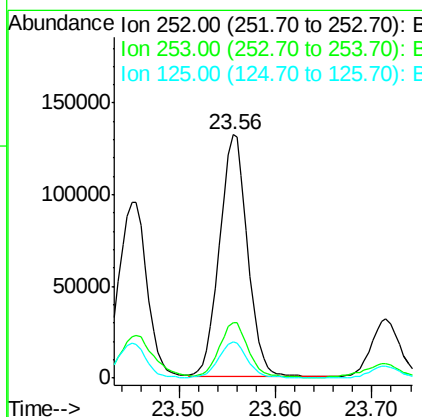
RT: 23.56 min Scan# 3678

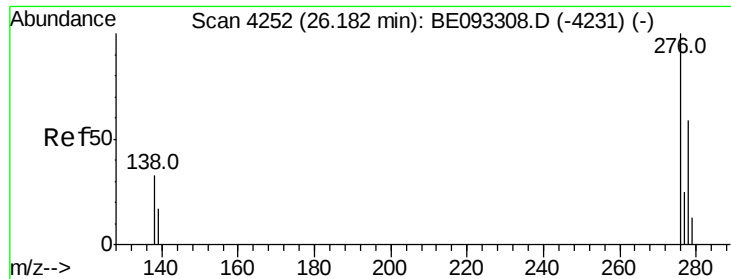
Delta R.T. 0.01 min

Lab File: BE093314.D

Acq: 21 Jun 2017 14:16

Tgt Ion:	252	Resp:	265473
Ion Ratio	Lower	Upper	
252	100		
253	22.7	28.5	42.7#
125	15.0	18.1	27.1#





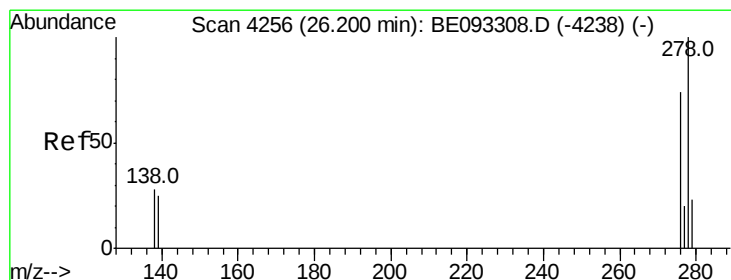
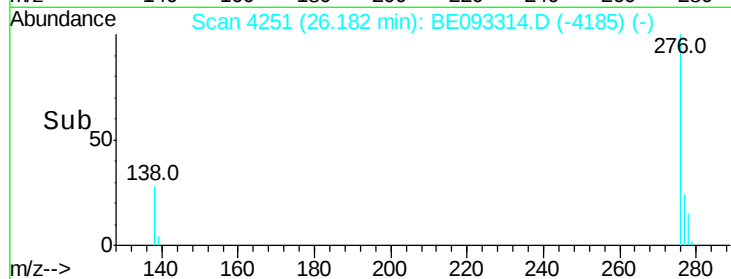
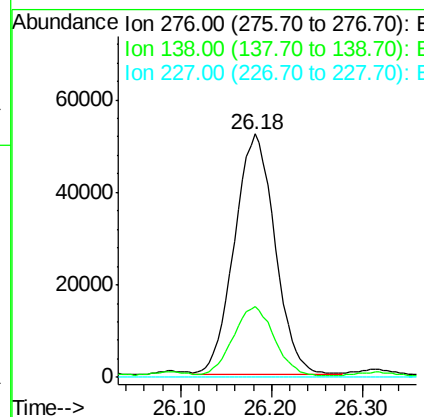
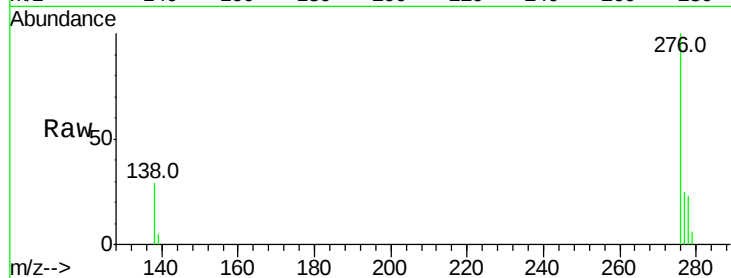
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.62 ng/ul
RT: 26.18 min Scan# 4251
Delta R.T. -0.00 min
Lab File: BE093314.D
Acq: 21 Jun 2017 14:16

Instrument :
BNA_E
ClientSampleId :
F5A92DL

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.2	28.0	42.0
227	0.0	8.0	12.0

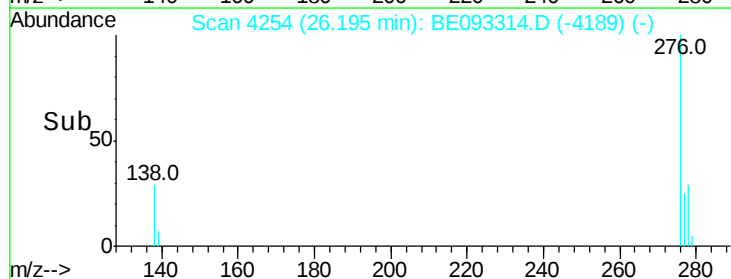
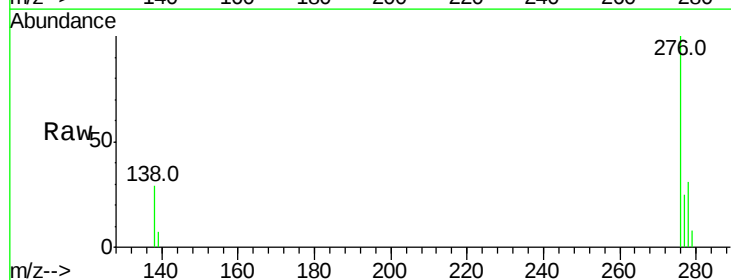
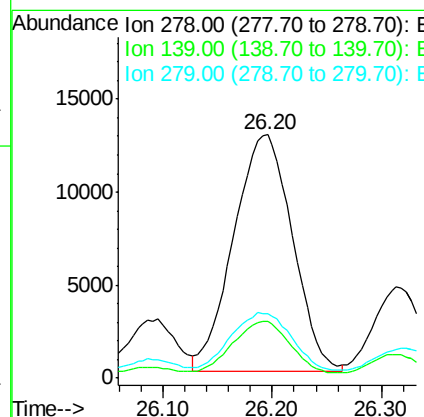
Manual Integrations
APPROVED

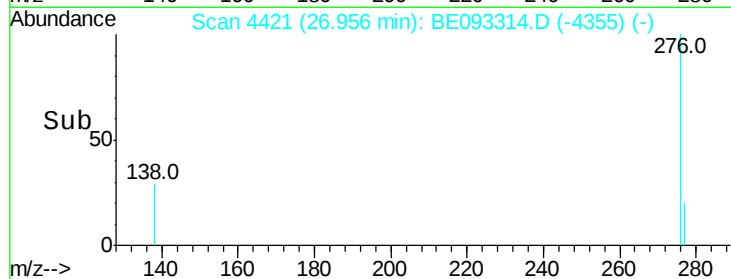
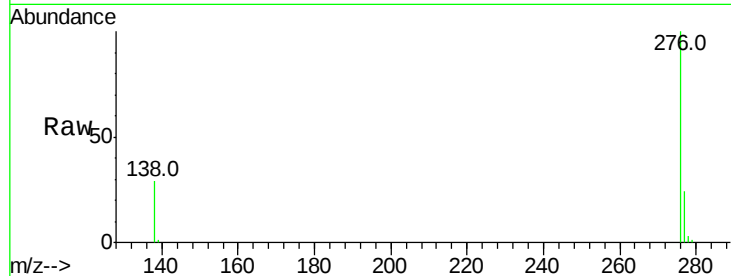
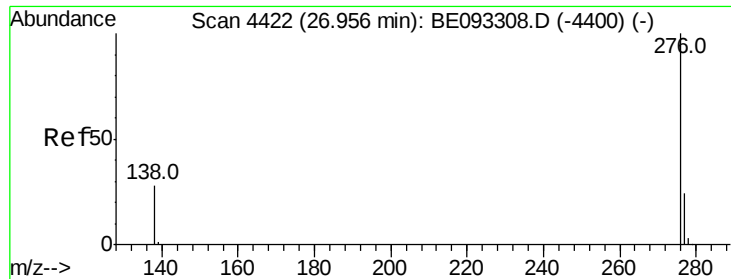
mohammad
6/22/2017 11:48:44 AM



#25
Dibenzo(a,h)anthracene
Concen: 1.62 ng/ul
RT: 26.20 min Scan# 4254
Delta R.T. -0.00 min
Lab File: BE093314.D
Acq: 21 Jun 2017 14:16

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	23.1	17.4	26.0
279	26.5	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 4.09 ng/ul
 RT: 26.96 min Scan# 4421
 Delta R.T. -0.00 min
 Lab File: BE093314.D
 Acq: 21 Jun 2017 14:16

Instrument :
 BNA_E
 ClientSampleId :
 F5A92DL

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.4	21.8	32.8
277	24.1	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 6/22/2017 11:48:44 AM

