

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
 Data File : BE093201.D
 Acq On : 15 Jun 2017 10:32
 Operator : SJ/MA
 Sample : I3520-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B41

Manual Integrations
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 6/15/2017 3:54:33 PM

Quant Time: Jun 15 11:42:40 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 15 07:58:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3657	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19398	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	11779	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	26248	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	25209	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	20982m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5957	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	13827	0.19	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	38275	0.795	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	8453	0.257	ng/ul	99
7) Acenaphthylene	14.09	152	146911	2.906	ng/ul	95
8) Acenaphthene	14.43	153	5120	0.126	ng/ul	97
9) Fluorene	15.42	166	7156	0.150	ng/ul	91
12) Phenanthrene	17.14	178	87213	1.208	ng/ul#	86
13) Anthracene	17.22	178	318227	5.061	ng/ul#	85
15) Fluoranthene	19.16	202	685338	7.738	ng/ul	84
17) Pyrene	19.52	202	1109383	14.923	ng/ul#	86
18) Benzo(a)anthracene	21.25	228	876620	13.037	ng/ul#	84
19) Chrysene	21.30	228	1008777	14.462	ng/ul	97
21) Benzo(b)fluoranthene	22.95	252	2229856	35.020	ng/ul	88
22) Benzo(k)fluoranthene	22.99	252	846410m	12.516	ng/ul	
23) Benzo(a)pyrene	23.58	252	1117445m	18.560	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.21	276	749474m	10.751	ng/ul	
25) Dibenzo(a,h)anthracene	26.21	278	211041m	3.595	ng/ul	
26) Benzo(g,h,i)perylene	26.98	276	549580	9.193	ng/ul	96

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

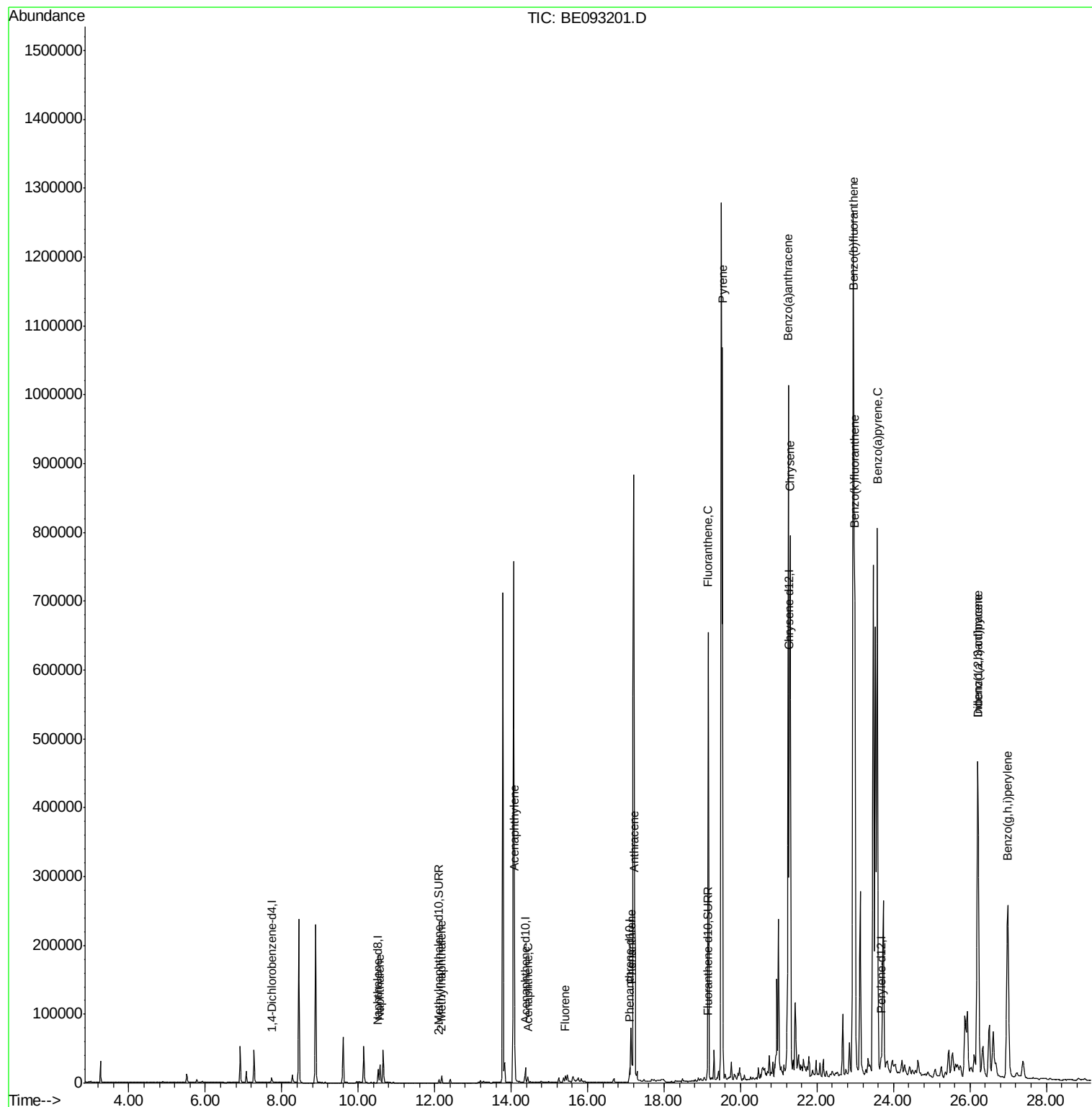
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
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ALS Vial : 36 Sample Multiplier: 1

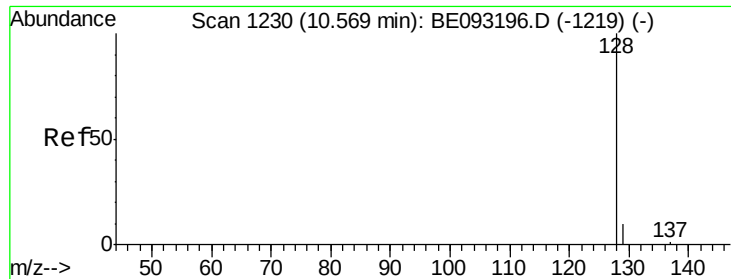
Instrument :
BNA_E
ClientSampleId :
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Quant Time: Jun 15 11:42:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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#3

Naphthalene

Concen: 0.795 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Instrument :

BNA_E

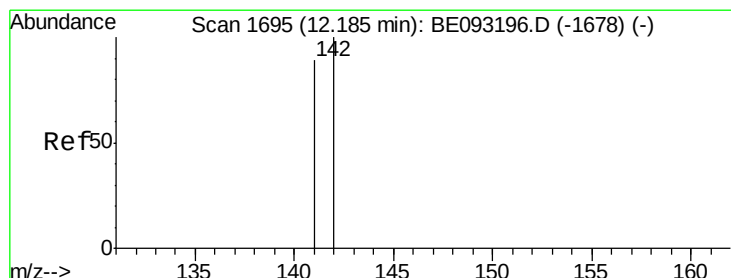
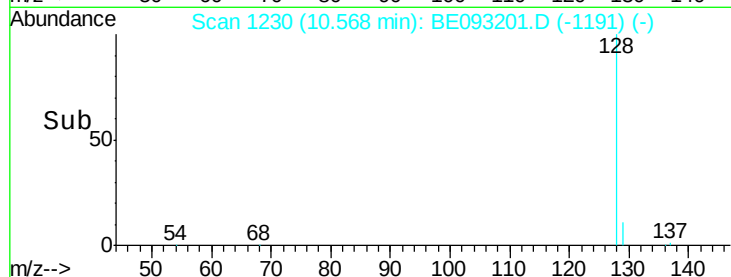
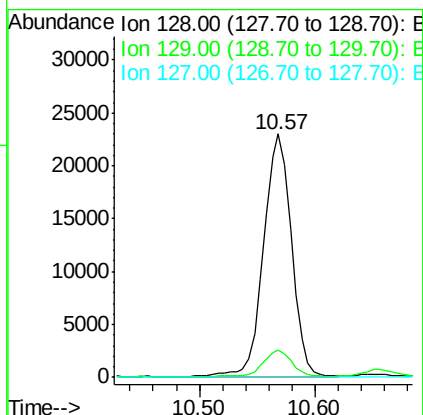
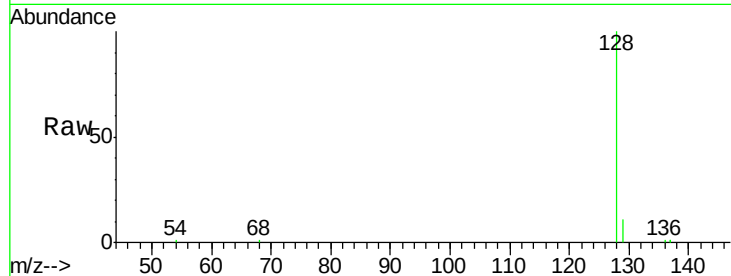
ClientSampleId :

F5B41

Tgt Ion:	128	Resp:	38275
Ion Ratio	Lower	Upper	
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.257 ng/ul

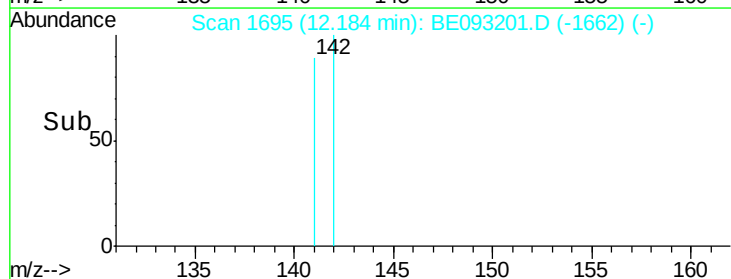
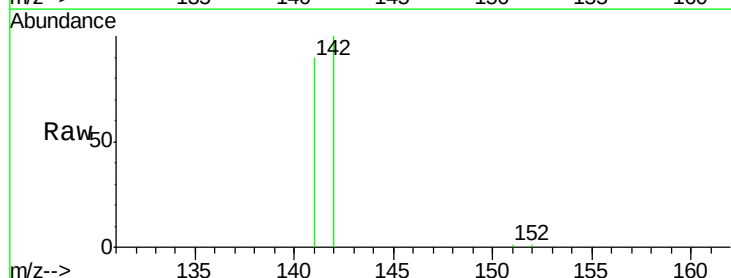
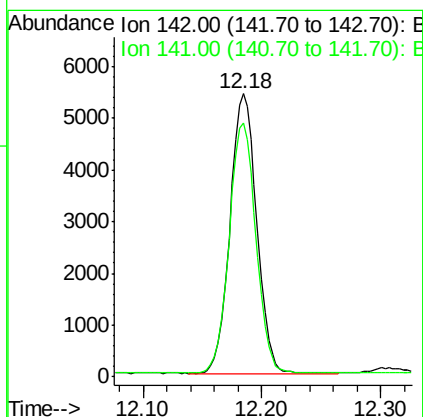
RT: 12.18 min Scan# 1695

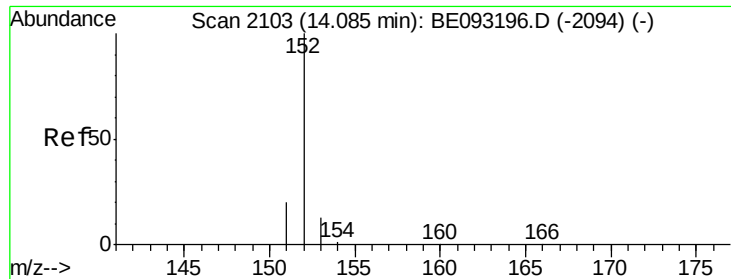
Delta R.T. -0.00 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Tgt Ion:	142	Resp:	8453
Ion Ratio	Lower	Upper	
142	100		
141	89.6	72.6	108.8





#7

Acenaphthylene

Concen: 2.906 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Instrument :

BNA_E

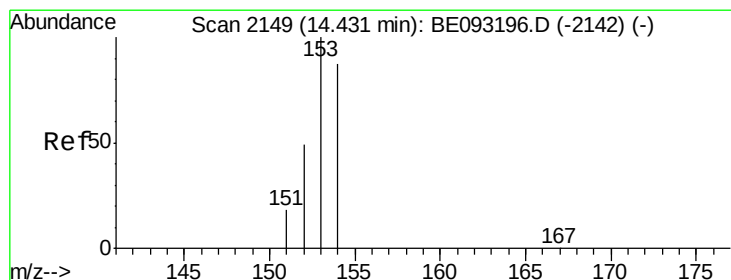
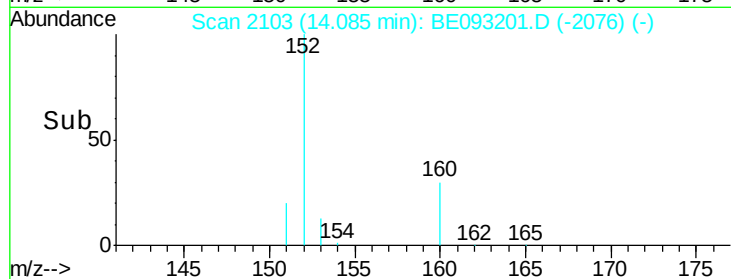
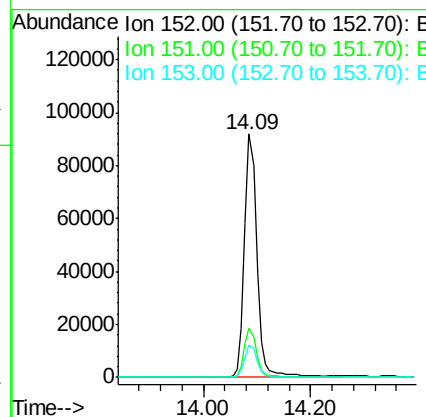
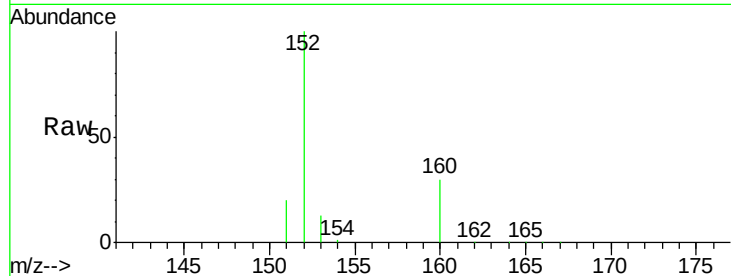
ClientSampleId :

F5B41

Tgt Ion:	152	Resp:	146911
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.1	25.7
153	13.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.126 ng/ul

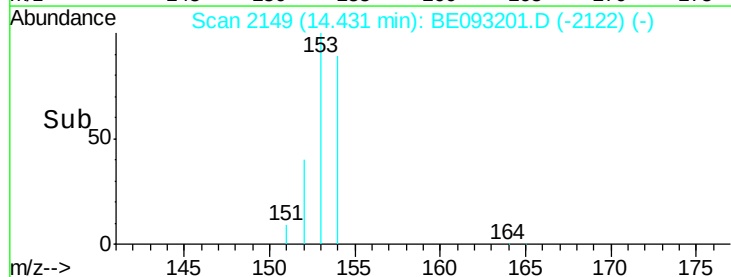
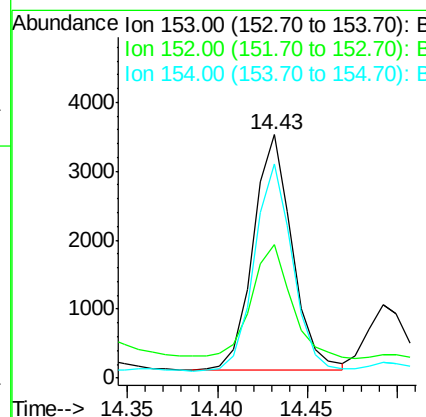
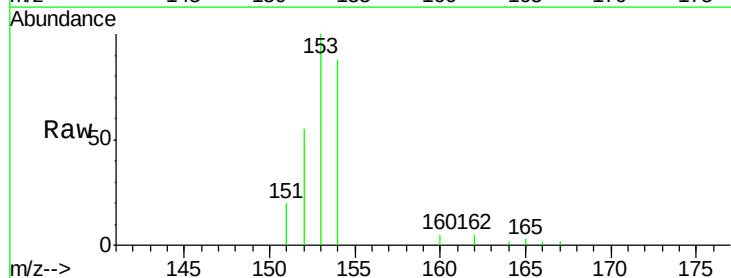
RT: 14.43 min Scan# 2149

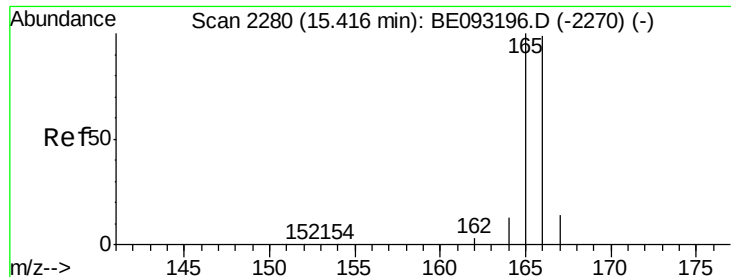
Delta R.T. 0.00 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Tgt Ion:	153	Resp:	5120
Ion Ratio	Lower	Upper	
153	100		
152	54.8	40.3	60.5
154	87.8	71.4	107.2





#9

Fluorene

Concen: 0.150 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Instrument :

BNA_E

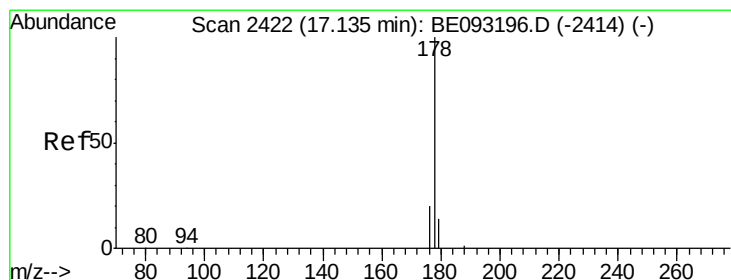
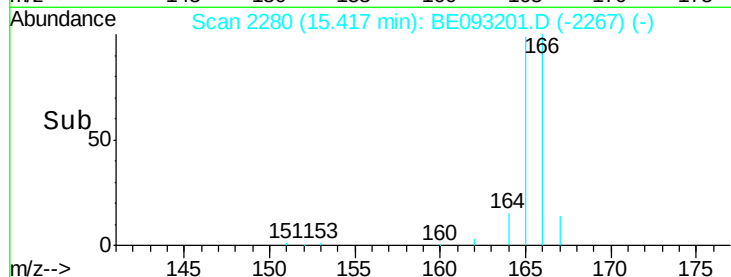
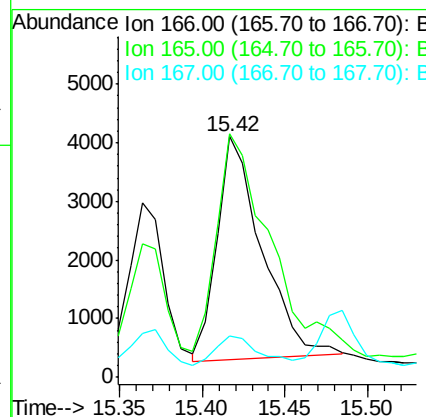
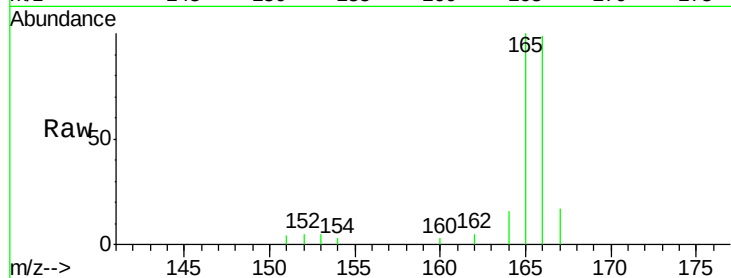
ClientSampleId :

F5B41

Tgt Ion:	166	Resp:	7156
Ion Ratio	Lower	Upper	
166	100		
165	101.3	73.4	110.2
167	17.3	14.6	22.0

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#12

Phenanthrene

Concen: 1.208 ng/ul

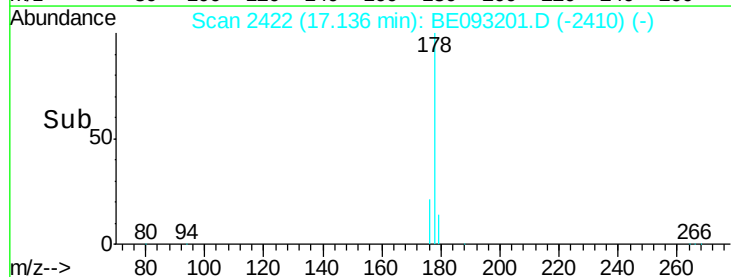
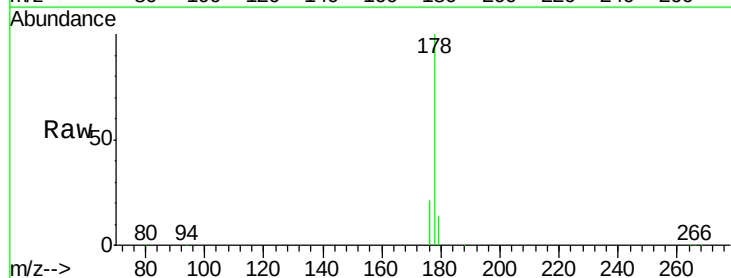
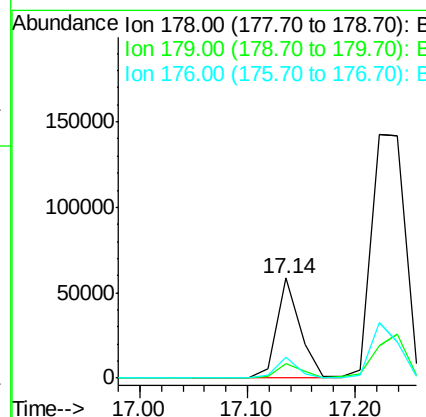
RT: 17.14 min Scan# 2422

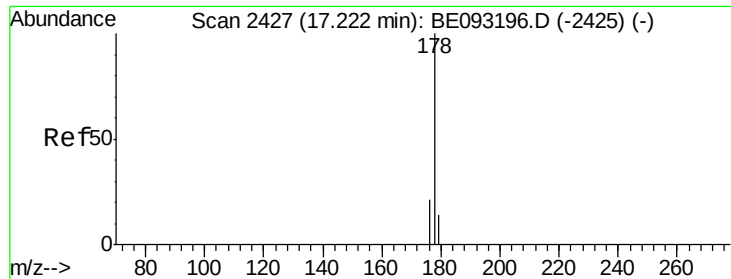
Delta R.T. 0.00 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Tgt Ion:	178	Resp:	87213
Ion Ratio	Lower	Upper	
178	100		
179	14.4	18.4	27.6#
176	21.1	13.6	20.4#





#13

Anthracene

Concen: 5.061 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Instrument :

BNA_E

ClientSampleId :

F5B41

Tgt Ion:178 Resp: 318227

Ion Ratio Lower Upper

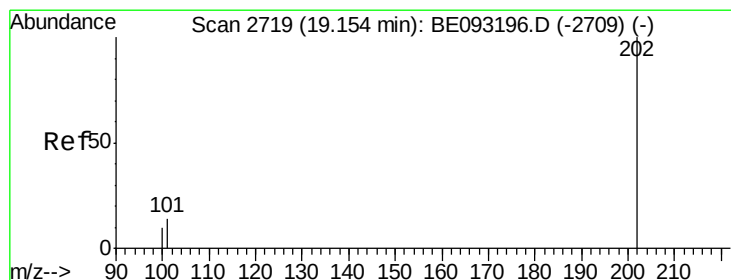
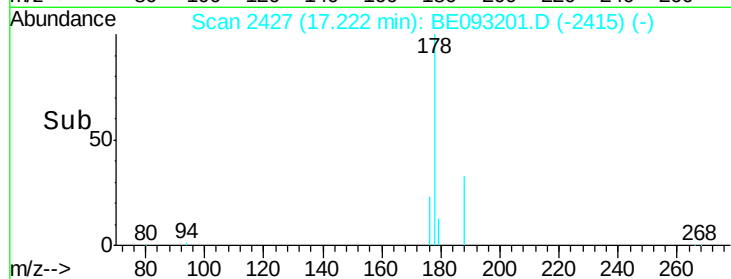
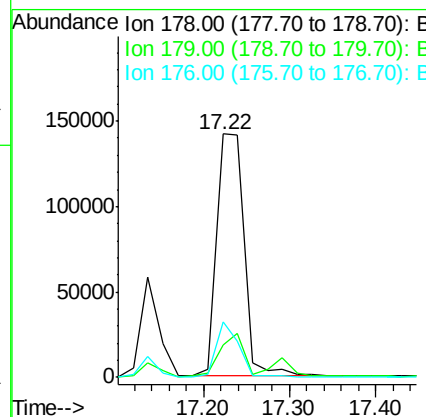
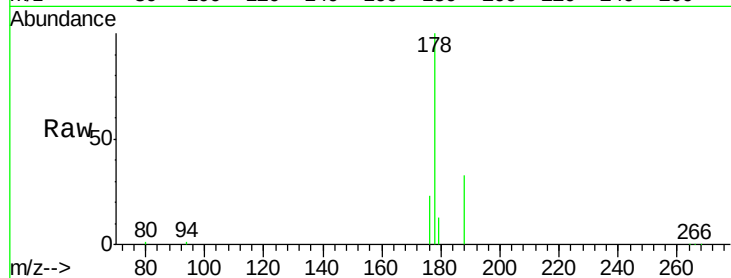
178 100

179 13.2 18.1 27.1#

176 22.7 14.7 22.1#

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#15

Fluoranthene

Concen: 7.738 ng/ul

RT: 19.16 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

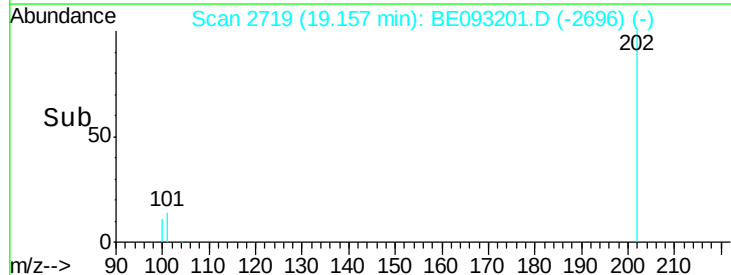
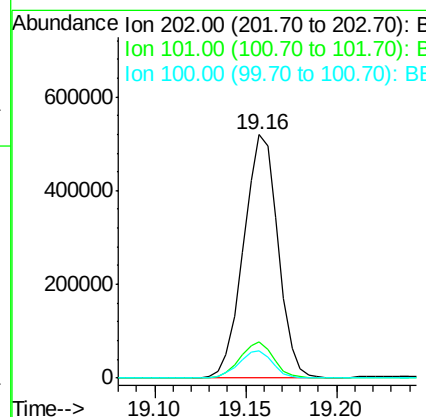
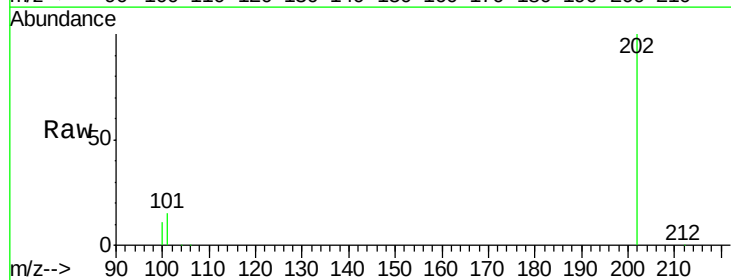
Tgt Ion:202 Resp: 685338

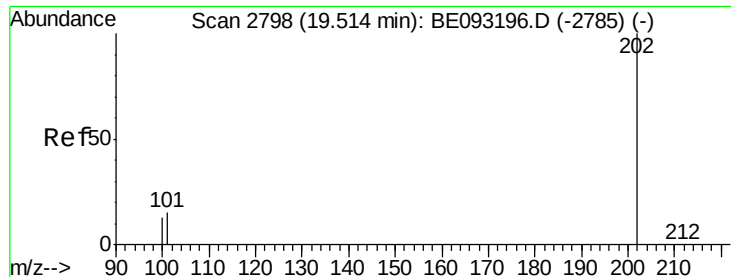
Ion Ratio Lower Upper

202 100

101 14.8 0.0 30.3

100 11.1 0.0 39.5





#17

Pyrene

Concen: 14.923 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Instrument :

BNA_E

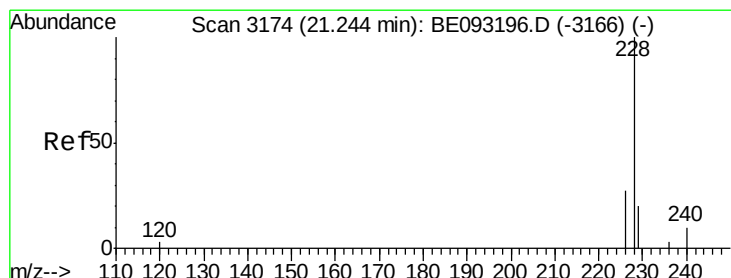
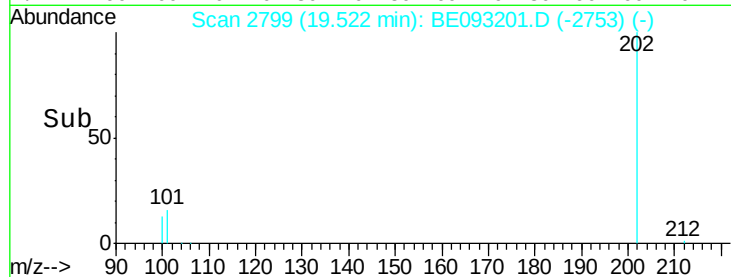
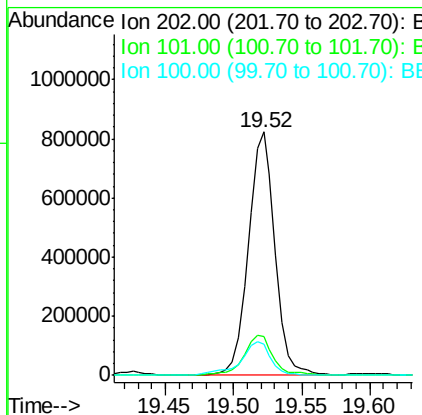
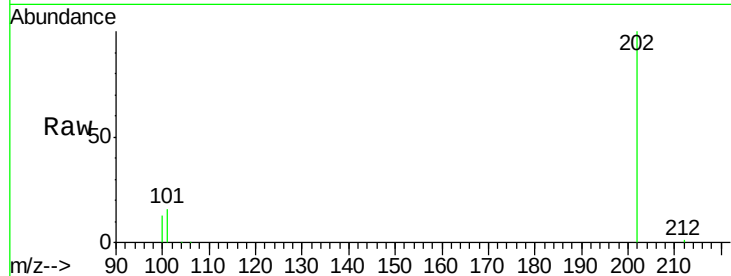
ClientSampleId :

F5B41

Tgt Ion:	202	Resp:	1109383
Ion Ratio	Lower	Upper	
202	100		
101	16.0	18.2	27.4#
100	12.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 13.037 ng/ul

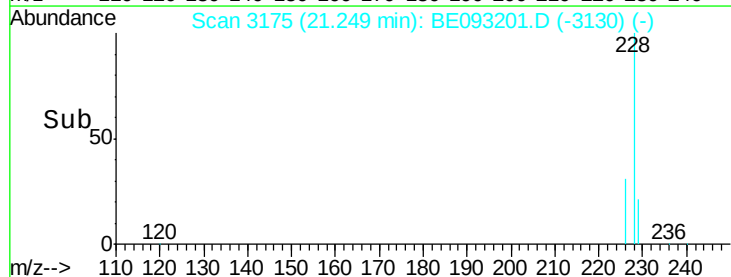
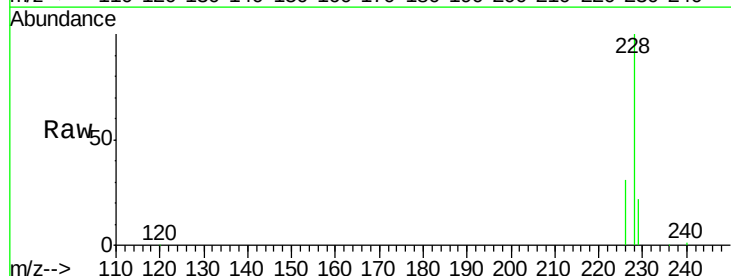
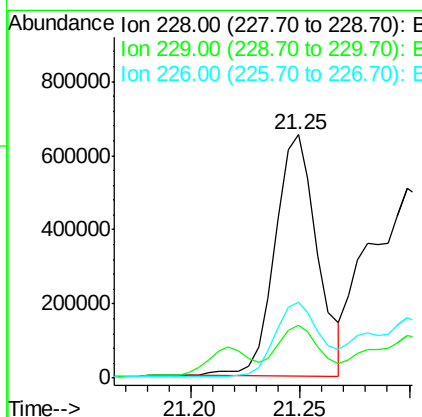
RT: 21.25 min Scan# 3175

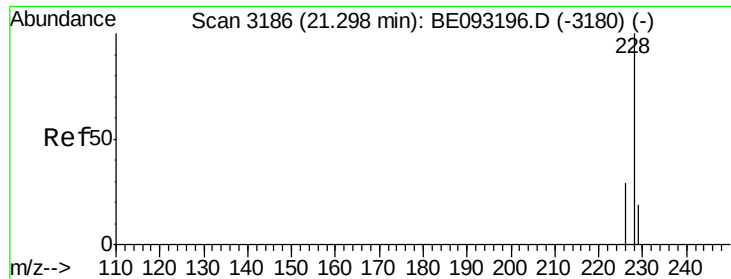
Delta R.T. 0.01 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Tgt Ion:	228	Resp:	876620
Ion Ratio	Lower	Upper	
228	100		
229	21.9	22.8	34.2#
226	31.3	17.0	25.6#





#19

Chrysene

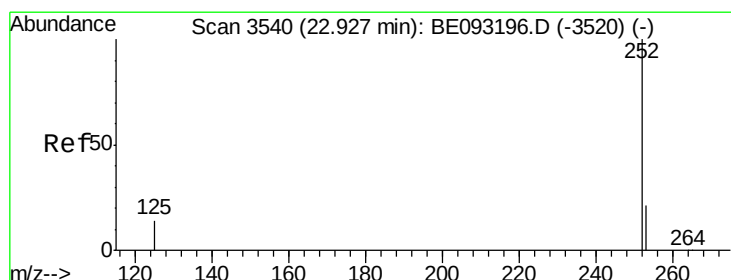
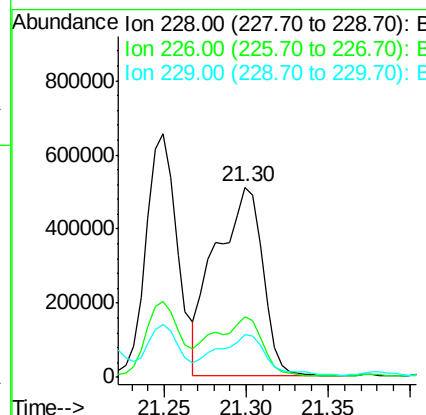
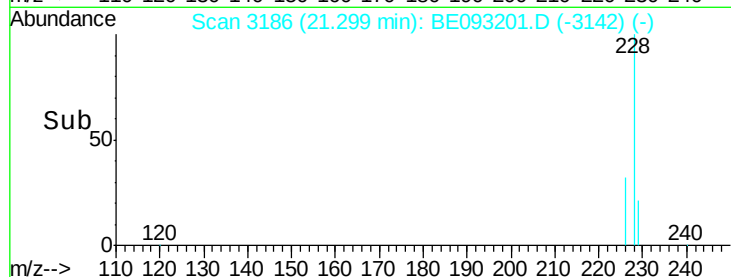
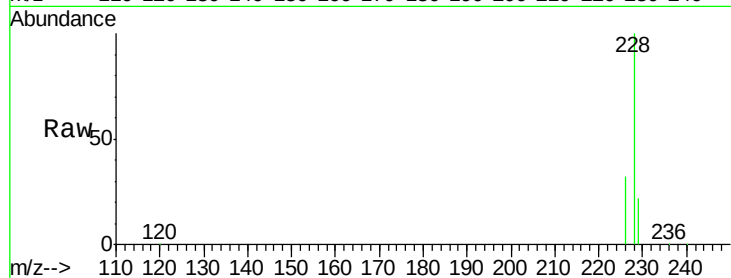
Concen: 14.462 ng/ul
 RT: 21.30 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BE093201.D
 Acq: 15 Jun 2017 10:32

Instrument :
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 ClientSampleId :
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Tgt Ion: 228 Resp: 1008777
 Ion Ratio Lower Upper
 228 100
 226 31.9 23.4 35.0
 229 22.1 17.7 26.5

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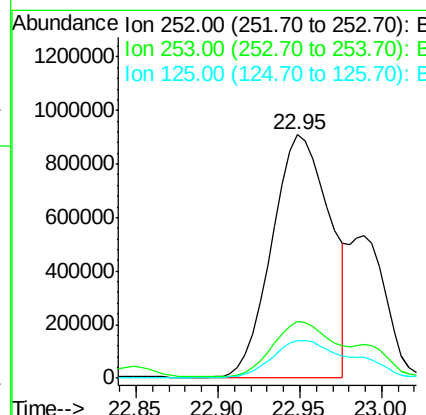
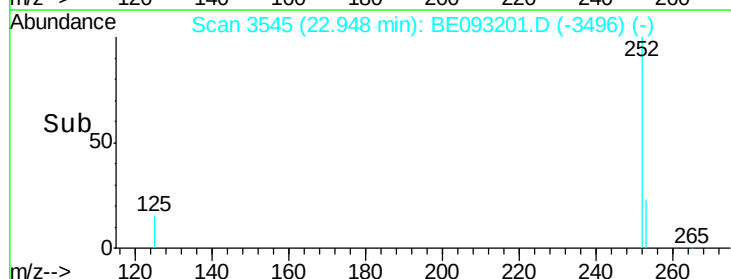
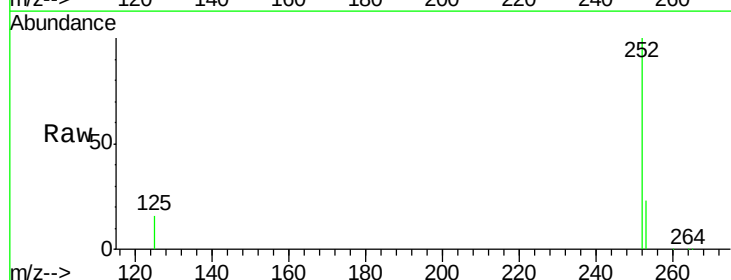


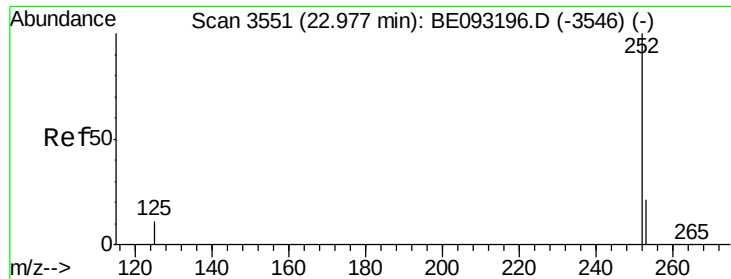
#21

Benzo(b)fluoranthene

Concen: 35.020 ng/ul
 RT: 22.95 min Scan# 3545
 Delta R.T. 0.02 min
 Lab File: BE093201.D
 Acq: 15 Jun 2017 10:32

Tgt Ion: 252 Resp: 2229856
 Ion Ratio Lower Upper
 252 100
 253 23.2 0.0 64.2
 125 15.6 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 12.516 ng/ul m

RT: 22.99 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Instrument :

BNA_E

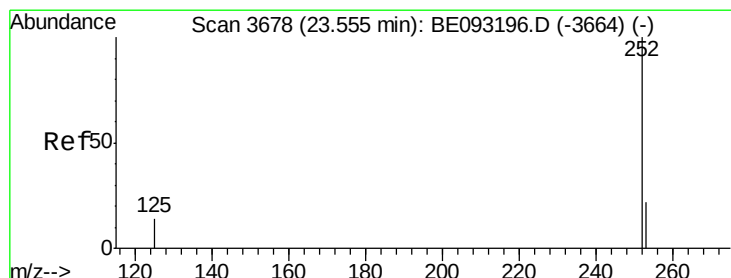
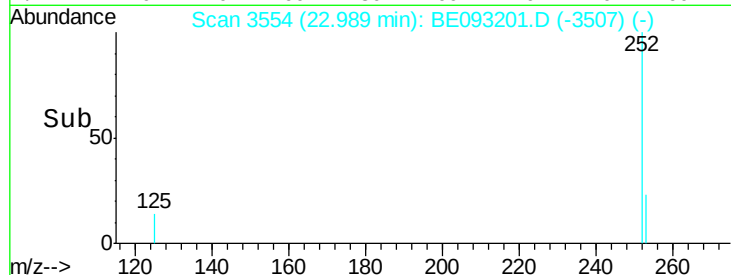
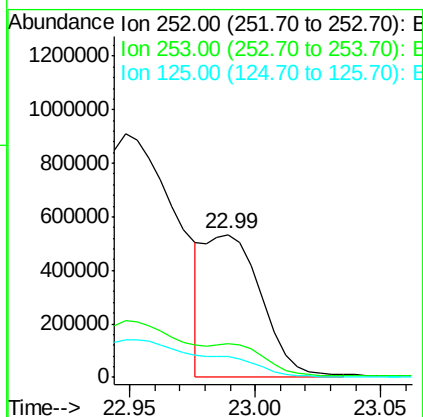
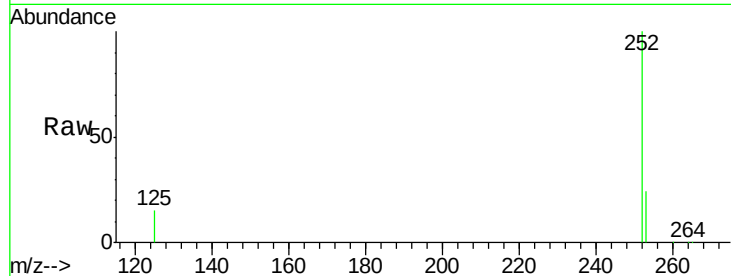
ClientSampleId :

F5B41

Tgt Ion:252 Resp: 846410
 Ion Ratio Lower Upper
 252 100
 253 23.8 24.5 36.7#
 125 14.5 13.7 20.5

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#23

Benzo(a)pyrene

Concen: 18.560 ng/ul m

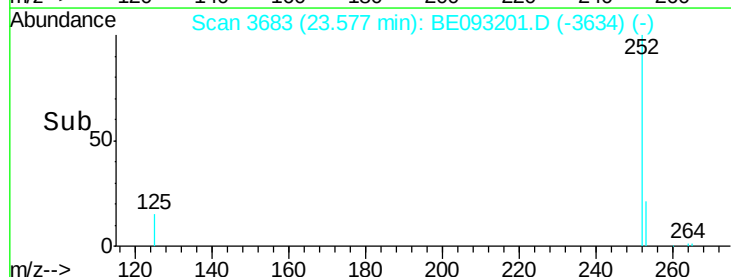
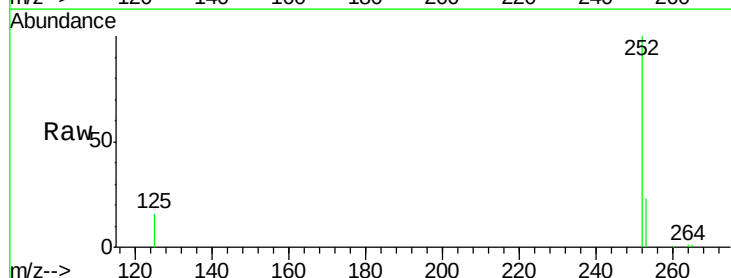
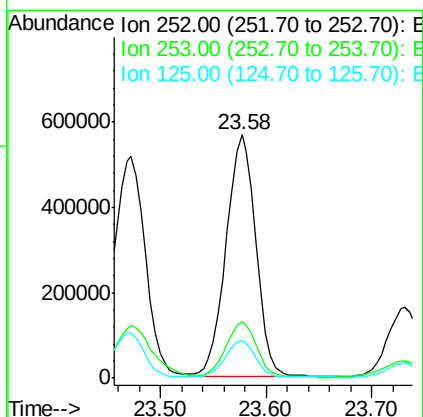
RT: 23.58 min Scan# 3683

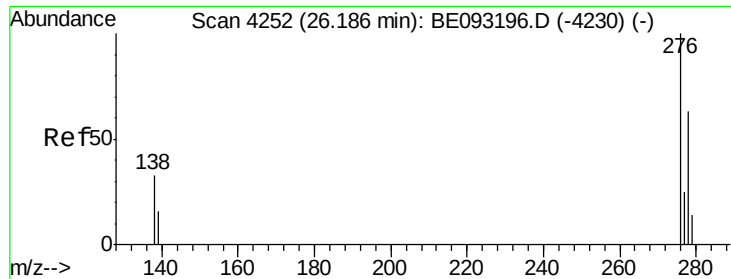
Delta R.T. 0.02 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Tgt Ion:252 Resp: 1117445
 Ion Ratio Lower Upper
 252 100
 253 23.3 28.5 42.7#
 125 15.6 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 10.751 ng/ul m

RT: 26.21 min Scan# 4257

Delta R.T. 0.02 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Instrument :

BNA_E

ClientSampleId :

F5B41

Tgt Ion: 276 Resp: 749474

Ion Ratio Lower Upper

276 100

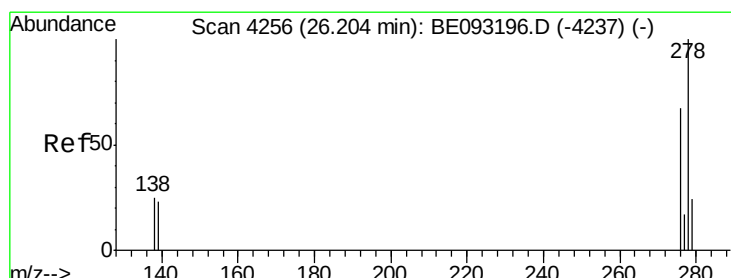
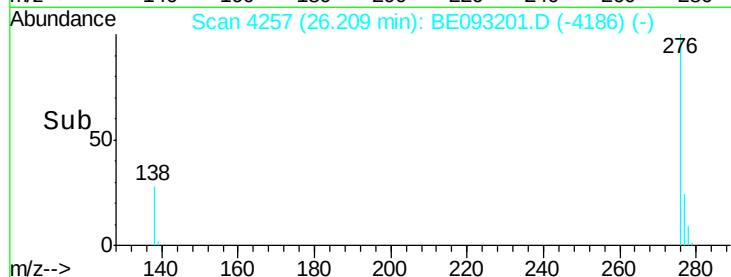
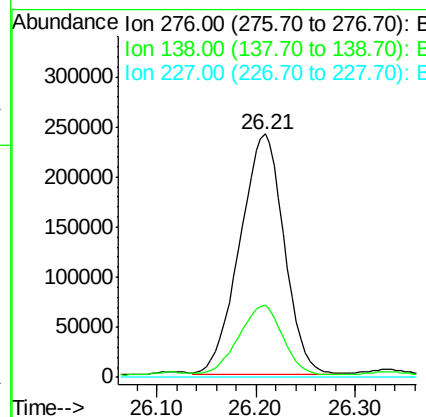
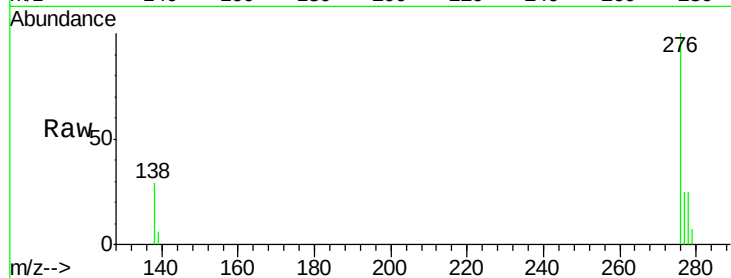
138 3.4 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

mohammad

6/15/2017 3:54:33 PM



#25

Dibenzo(a,h)anthracene

Concen: 3.595 ng/ul m

RT: 26.21 min Scan# 4258

Delta R.T. 0.01 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

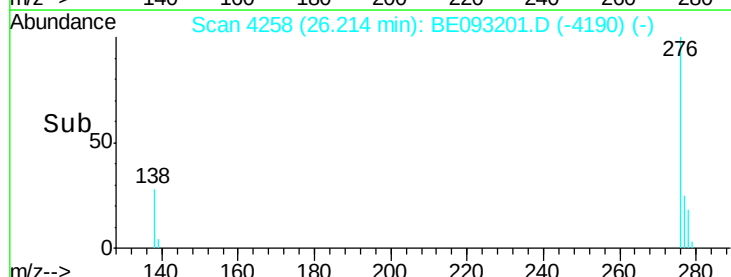
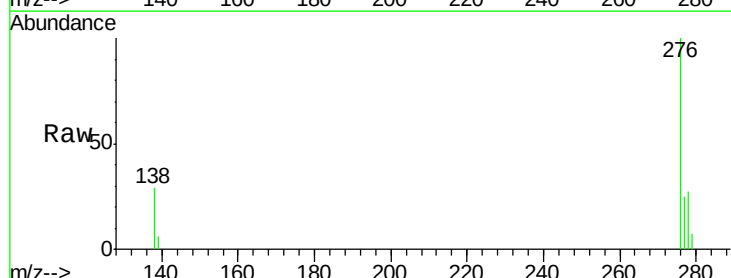
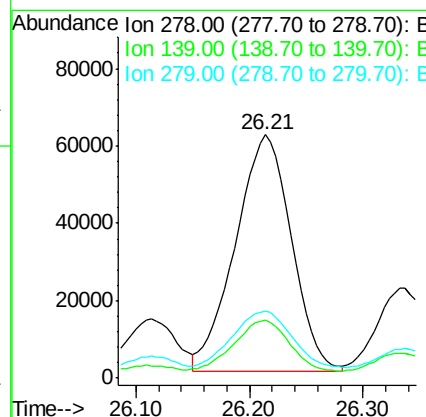
Tgt Ion: 278 Resp: 211041

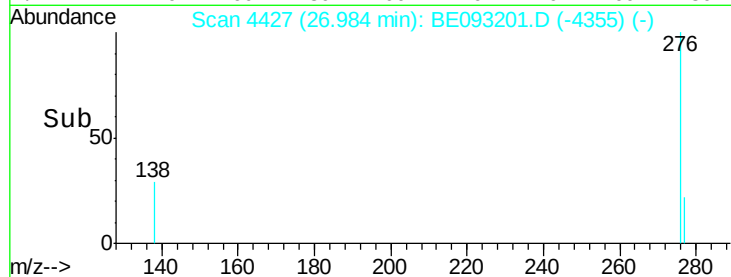
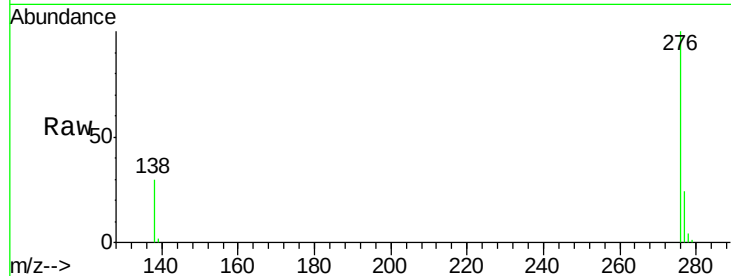
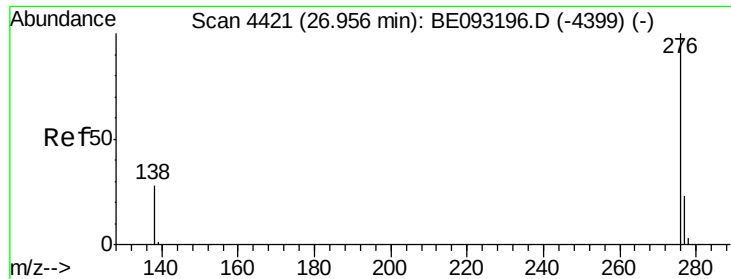
Ion Ratio Lower Upper

278 100

139 23.6 17.4 26.0

279 27.8 25.9 38.9





#26

Benzo(g,h,i)perylene

Concen: 9.193 ng/ul

RT: 26.98 min Scan# 4427

Delta R.T. 0.03 min

Lab File: BE093201.D

Acq: 15 Jun 2017 10:32

Instrument :

BNA_E

ClientSampleId :

F5B41

Tgt Ion:	276	Resp:	549580
Ion Ratio	Lower	Upper	
276	100		
138	29.7	21.8	32.8
277	24.4	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:33 PM

