

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
 Data File : BE093199.D
 Acq On : 15 Jun 2017 9:17
 Operator : SJ/MA
 Sample : I3522-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B17

Manual Integrations
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 6/15/2017 3:54:28 PM

Quant Time: Jun 15 11:30:48 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	3702	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19535	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	11989	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	27470	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	28223	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	23557m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	6328	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	16510	0.22	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	37046	0.764	ng/ul#	91
5) 2-Methylnaphthalene	12.19	142	9156	0.276	ng/ul	98
7) Acenaphthylene	14.08	152	183007	3.557	ng/ul	96
8) Acenaphthene	14.43	153	7366	0.177	ng/ul	98
9) Fluorene	15.42	166	7366	0.151	ng/ul	91
12) Phenanthrene	17.14	178	150555	1.992	ng/ul#	86
13) Anthracene	17.22	178	290414	4.413	ng/ul#	86
15) Fluoranthene	19.16	202	1717112	18.525	ng/ul	84
17) Pyrene	19.52	202	2203257	26.472	ng/ul#	87
18) Benzo(a)anthracene	21.25	228	1530413	20.329	ng/ul#	84
19) Chrysene	21.30	228	1589054	20.348	ng/ul	96
21) Benzo(b)fluoranthene	22.95	252	2912891	40.746	ng/ul	88
22) Benzo(k)fluoranthene	22.99	252	1184225m	15.597	ng/ul	
23) Benzo(a)pyrene	23.58	252	1460426m	21.605	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.20	276	895688m	11.444	ng/ul	
25) Dibenzo(a,h)anthracene	26.21	278	255380m	3.875	ng/ul	
26) Benzo(g,h,i)perylene	26.98	276	614991	9.162	ng/ul	97

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

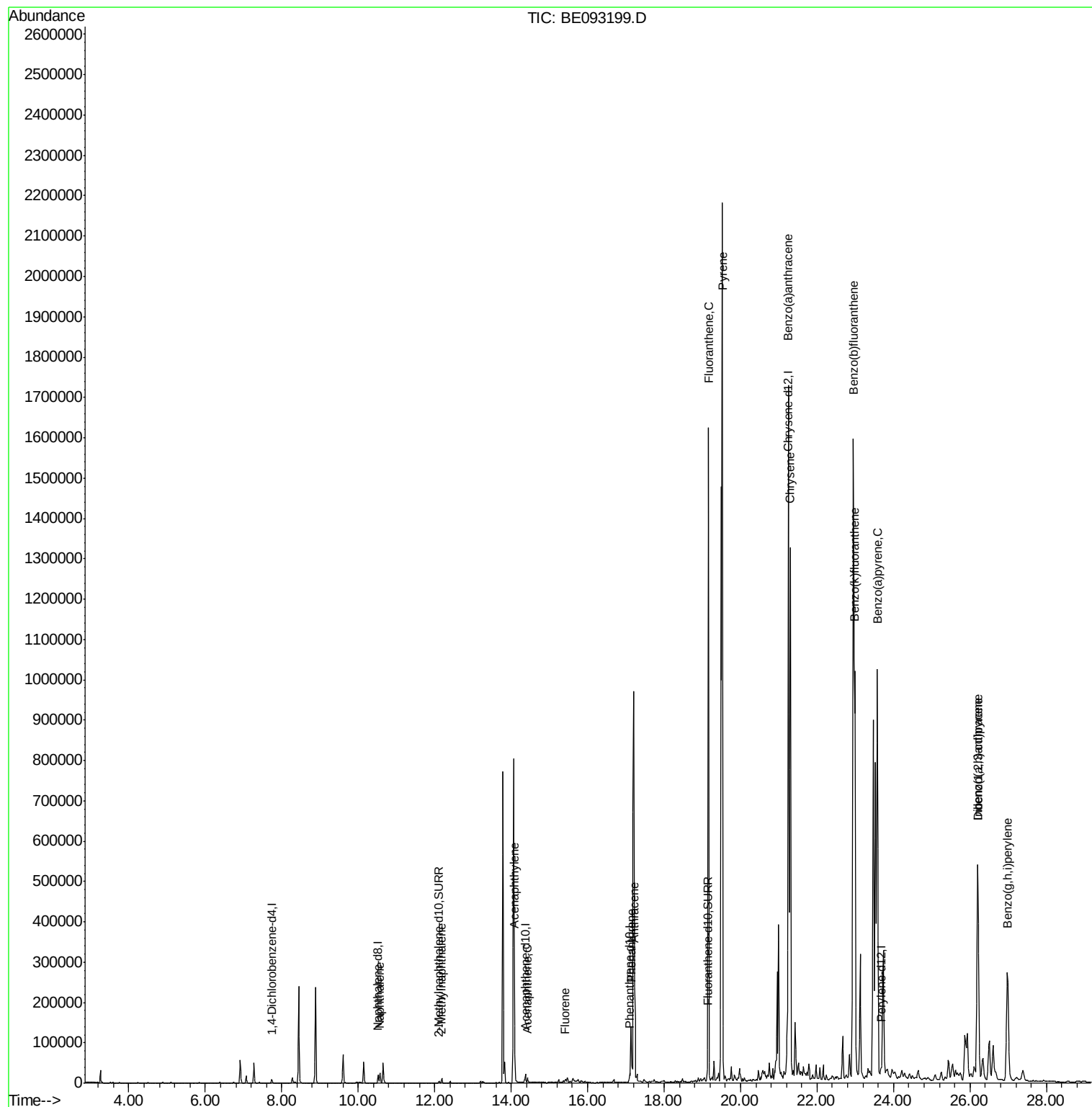
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
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ALS Vial : 34 Sample Multiplier: 1

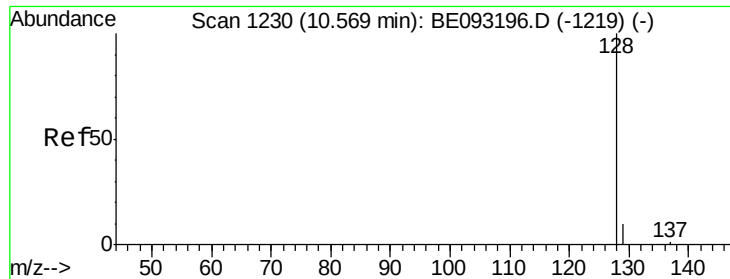
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#3

Naphthalene

Concen: 0.764 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

Instrument :

BNA_E

ClientSampleId :

F5B17

Tgt Ion:128 Resp: 37046

Ion Ratio Lower Upper

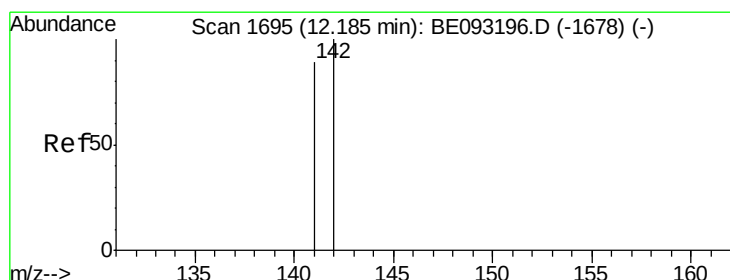
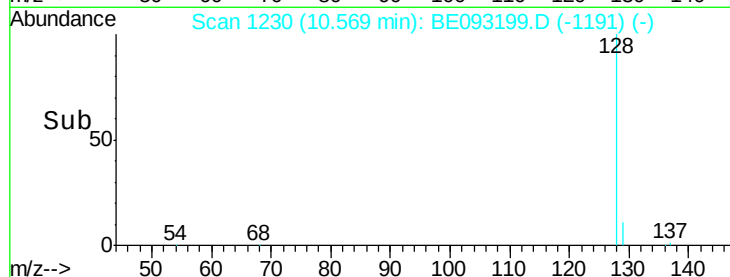
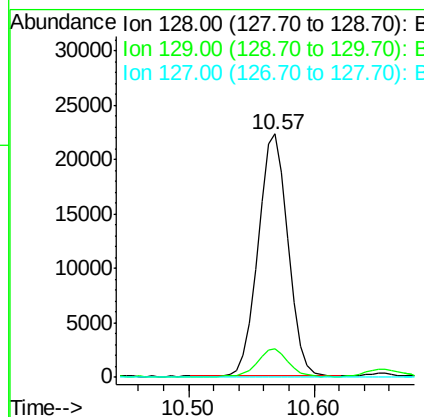
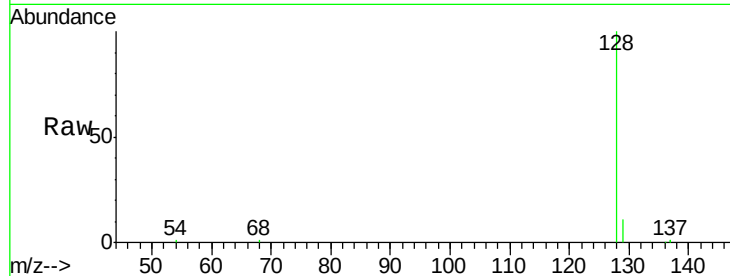
128 100

129 11.5 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.276 ng/ul

RT: 12.19 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BE093199.D

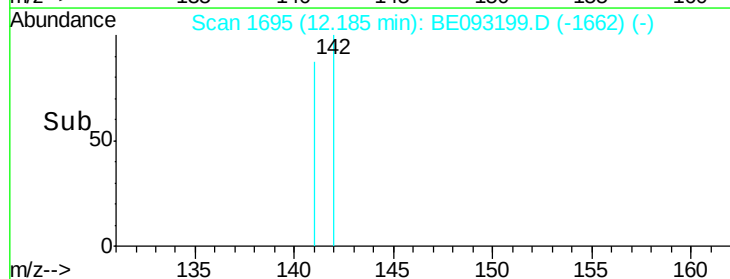
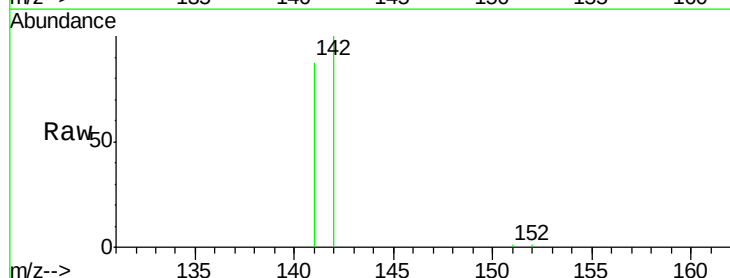
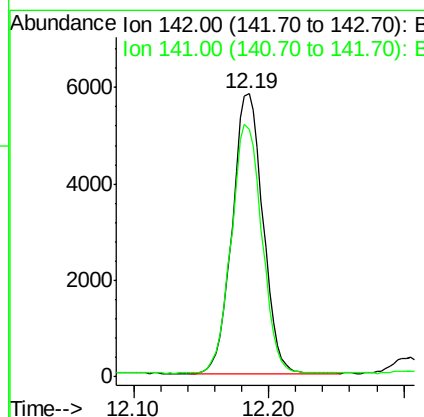
Acq: 15 Jun 2017 9:17

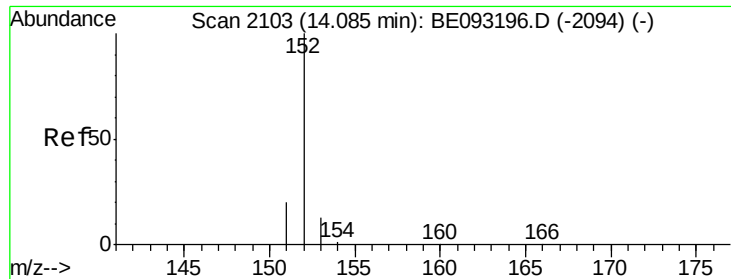
Tgt Ion:142 Resp: 9156

Ion Ratio Lower Upper

142 100

141 89.2 72.6 108.8





#7

Acenaphthylene

Concen: 3.557 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

Instrument :

BNA_E

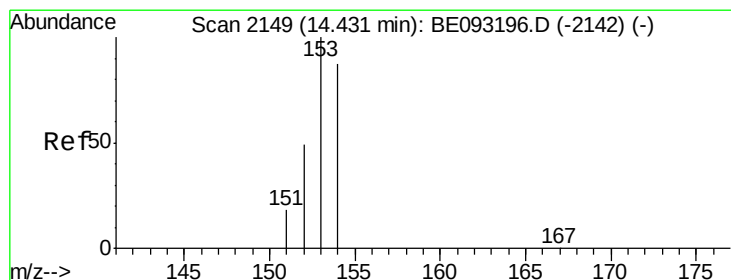
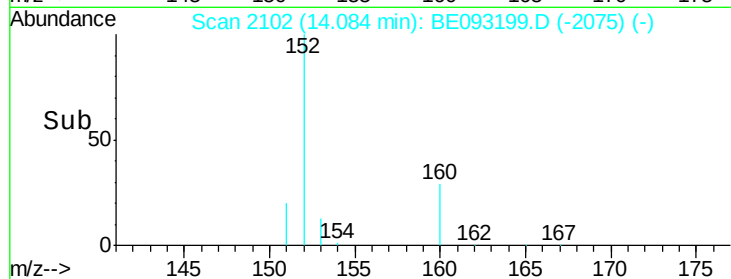
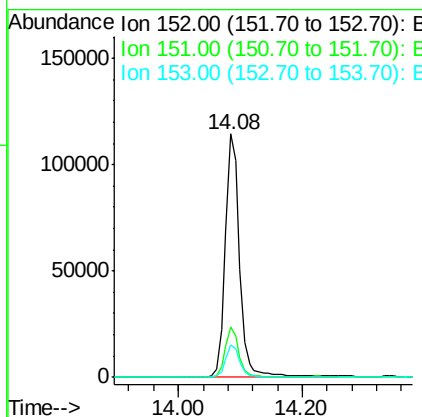
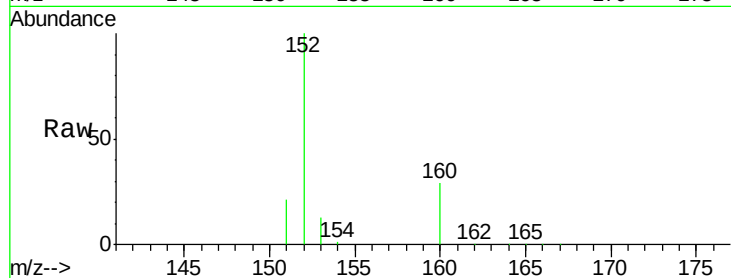
ClientSampleId :

F5B17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.1	25.7
153	13.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.177 ng/ul

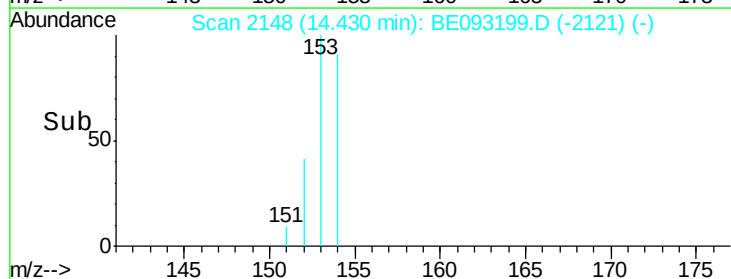
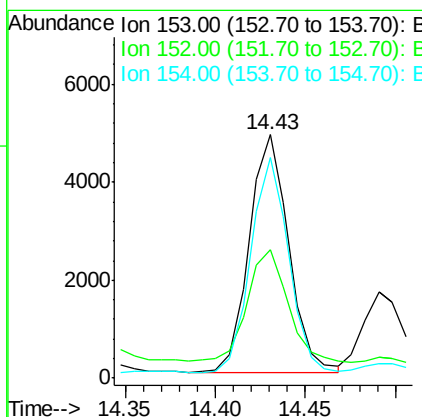
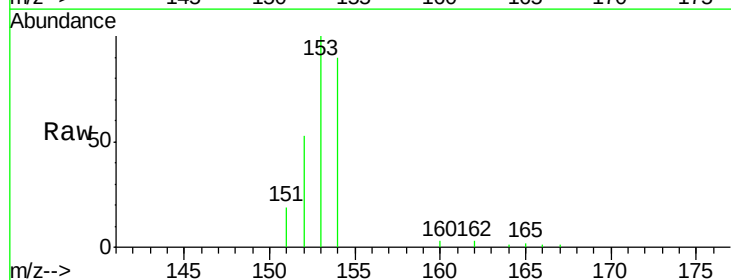
RT: 14.43 min Scan# 2148

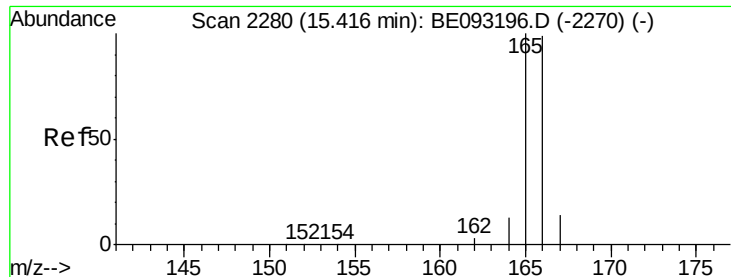
Delta R.T. -0.00 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.8	40.3	60.5
154	90.4	71.4	107.2





#9

Fluorene

Concen: 0.151 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

Instrument :

BNA_E

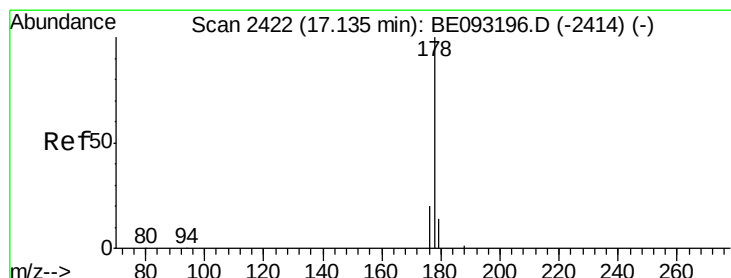
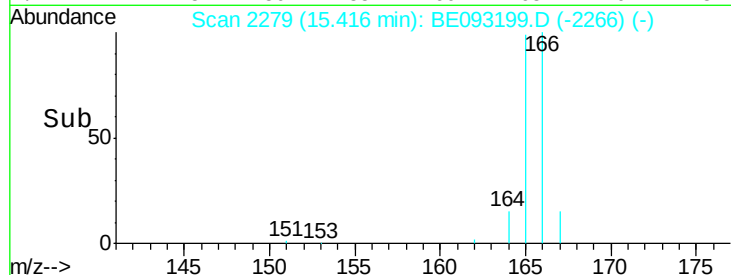
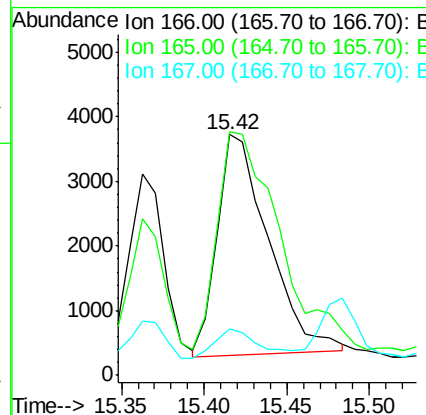
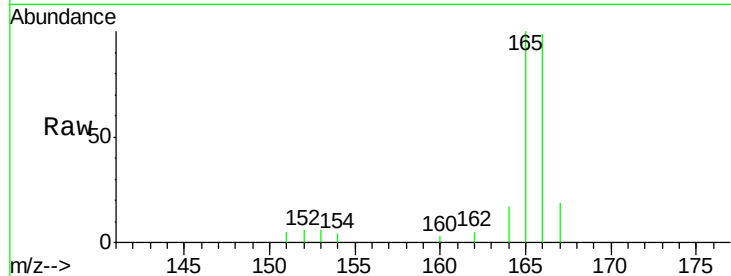
ClientSampleId :

F5B17

Tgt Ion:	166	Resp:	7366
Ion Ratio	Lower	Upper	
166	100		
165	101.2	73.4	110.2
167	19.1	14.6	22.0

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#12

Phenanthrene

Concen: 1.992 ng/ul

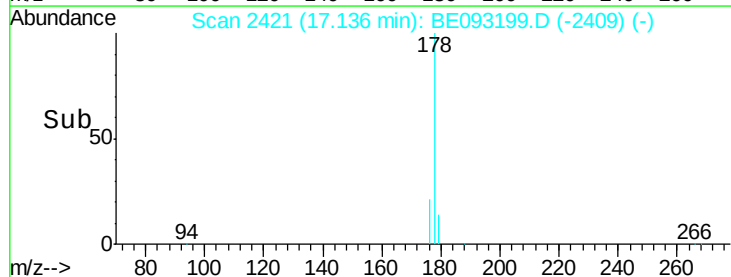
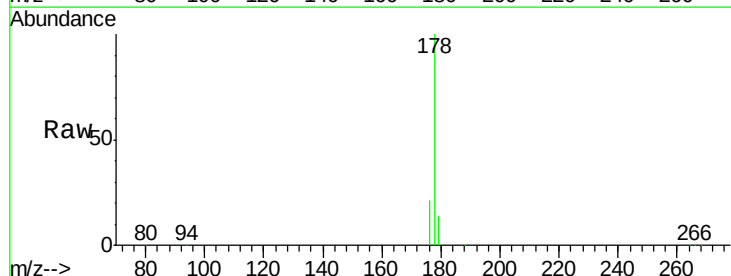
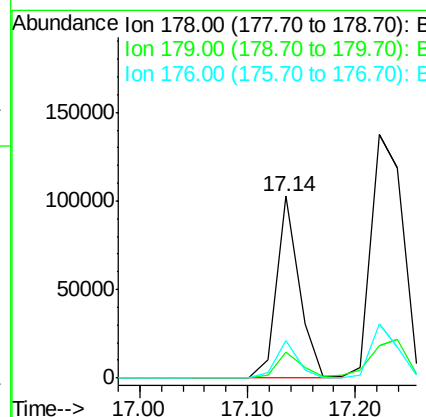
RT: 17.14 min Scan# 2421

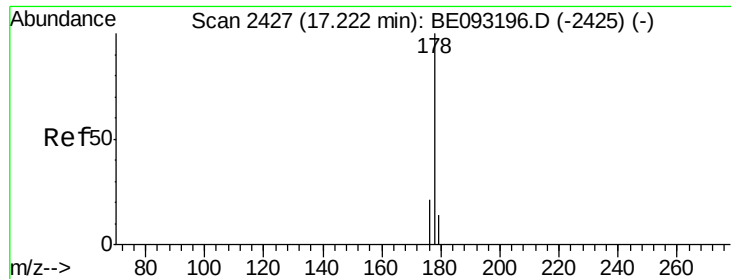
Delta R.T. 0.00 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

Tgt Ion:	178	Resp:	150555
Ion Ratio	Lower	Upper	
178	100		
179	14.5	18.4	27.6#
176	20.7	13.6	20.4#





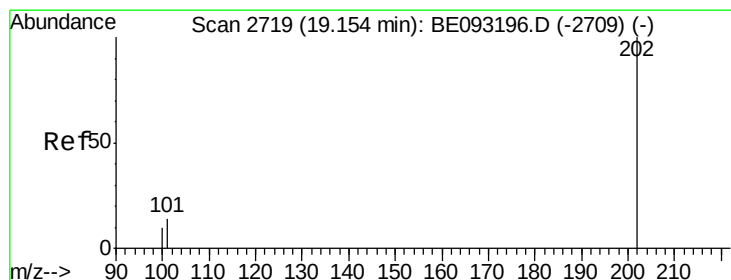
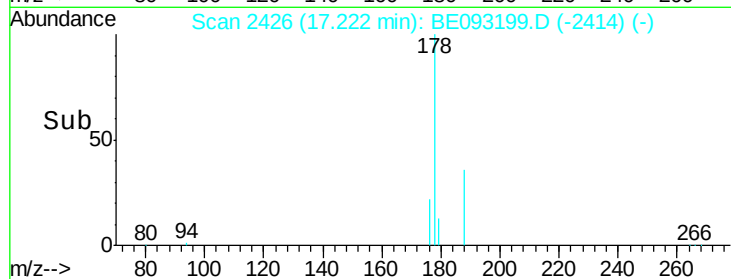
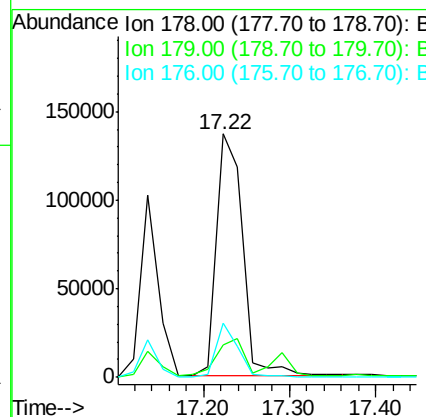
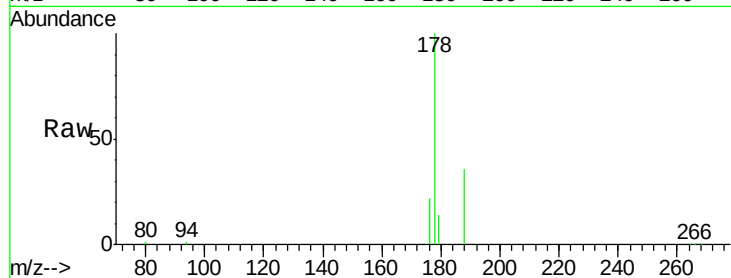
#13
 Anthracene
 Concen: 4.413 ng/ul
 RT: 17.22 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BE093199.D
 Acq: 15 Jun 2017 9:17

Instrument :
 BNA_E
 ClientSampleId :
 F5B17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.5	18.1	27.1#
176	22.0	14.7	22.1

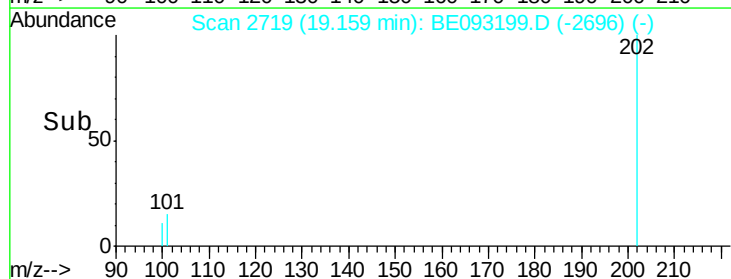
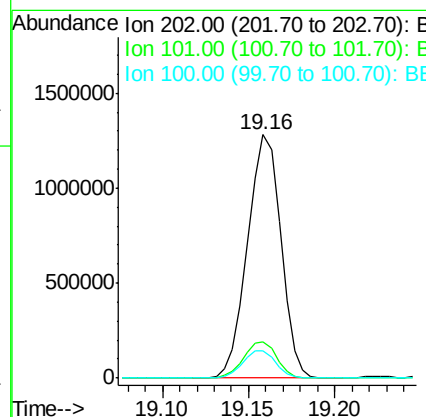
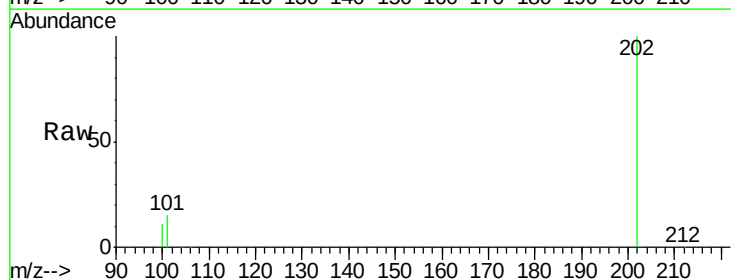
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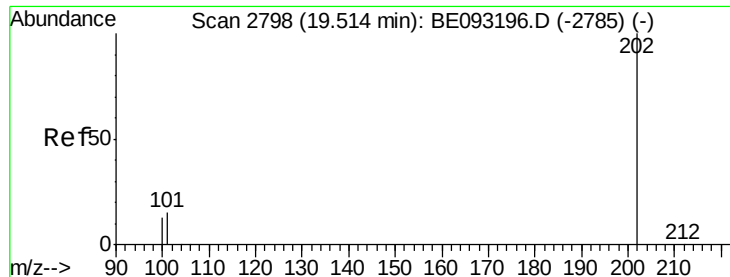
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#15
 Fluoranthene
 Concen: 18.525 ng/ul
 RT: 19.16 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE093199.D
 Acq: 15 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	30.3
100	11.4	0.0	39.5





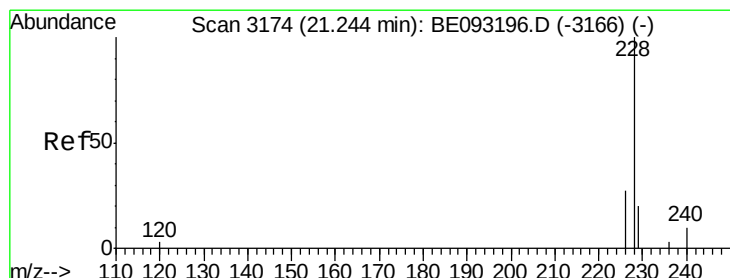
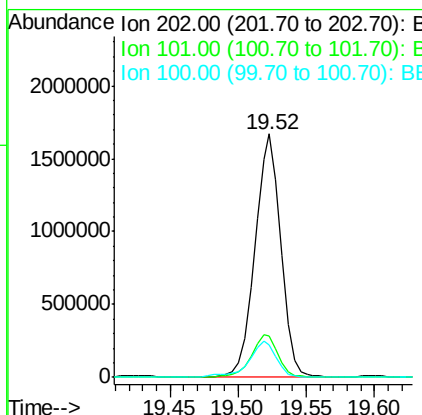
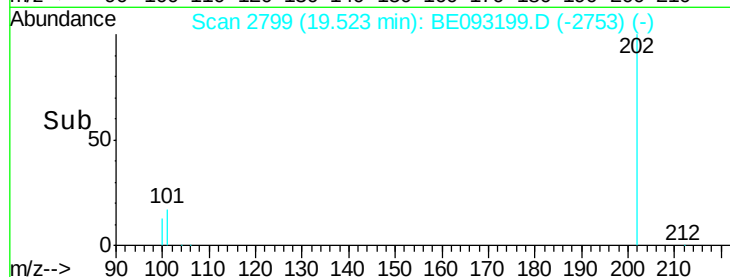
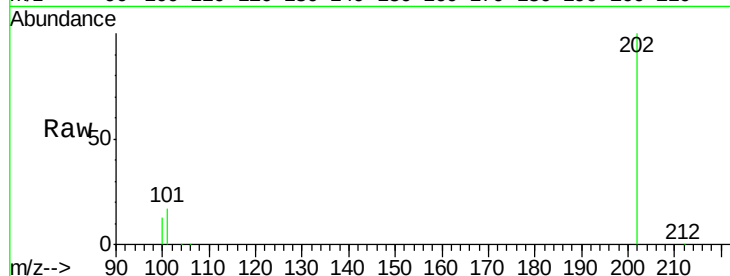
#17
 Pyrene
 Concen: 26.472 ng/ul
 RT: 19.52 min Scan# 2799
 Delta R.T. 0.01 min
 Lab File: BE093199.D
 Acq: 15 Jun 2017 9:17

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion: 202 Resp: 2203257
 Ion Ratio Lower Upper
 202 100
 101 16.8 18.2 27.4#
 100 13.3 15.6 23.4#

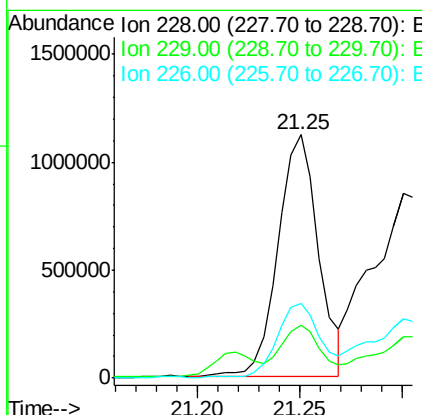
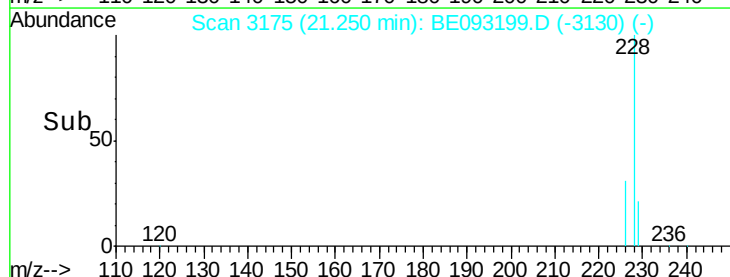
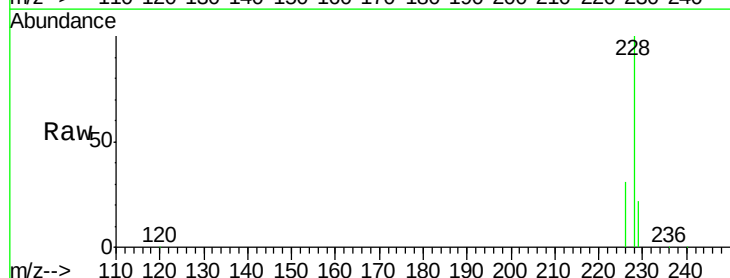
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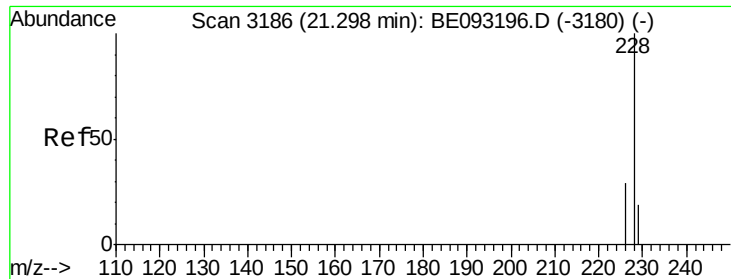
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#18
 Benzo(a)anthracene
 Concen: 20.329 ng/ul
 RT: 21.25 min Scan# 3175
 Delta R.T. 0.01 min
 Lab File: BE093199.D
 Acq: 15 Jun 2017 9:17

Tgt Ion: 228 Resp: 1530413
 Ion Ratio Lower Upper
 228 100
 229 21.7 22.8 34.2#
 226 30.9 17.0 25.6#





#19

Chrysene

Concen: 20.348 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

Instrument :

BNA_E

ClientSampleId :

F5B17

Tgt Ion:228 Resp: 1589054

Ion Ratio Lower Upper

228 100

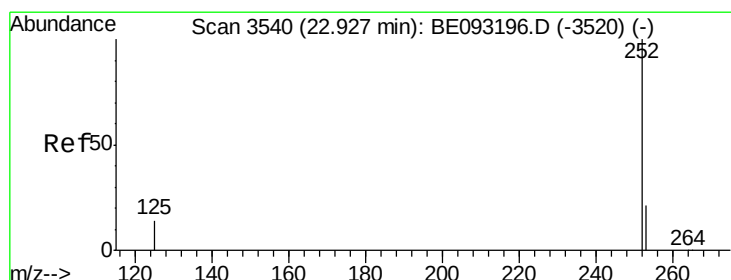
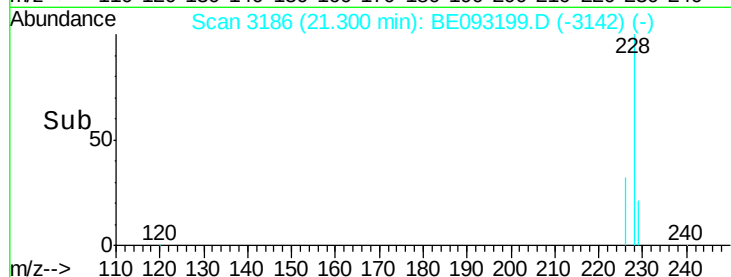
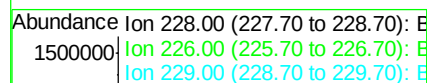
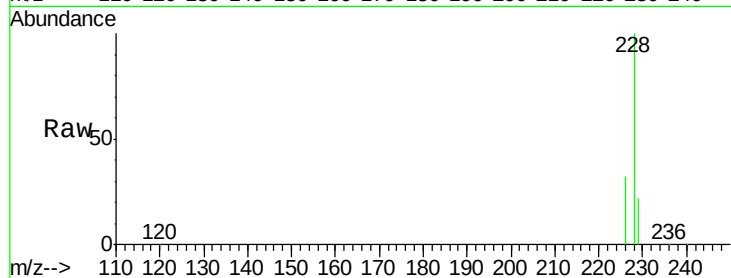
226 32.4 23.4 35.0

229 22.2 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 40.746 ng/ul

RT: 22.95 min Scan# 3545

Delta R.T. 0.02 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

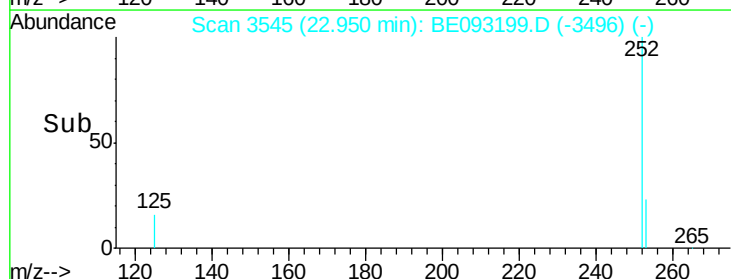
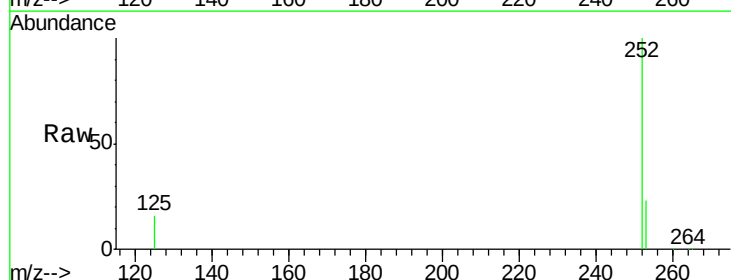
Tgt Ion:252 Resp: 2912891

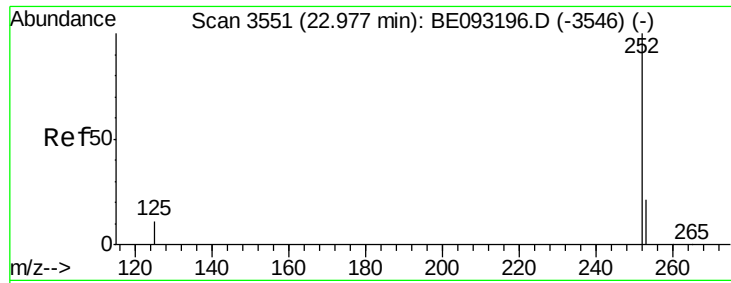
Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

125 15.7 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 15.597 ng/ul m

RT: 22.99 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

Instrument :

BNA_E

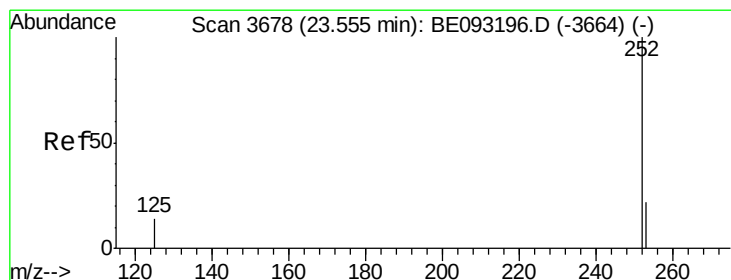
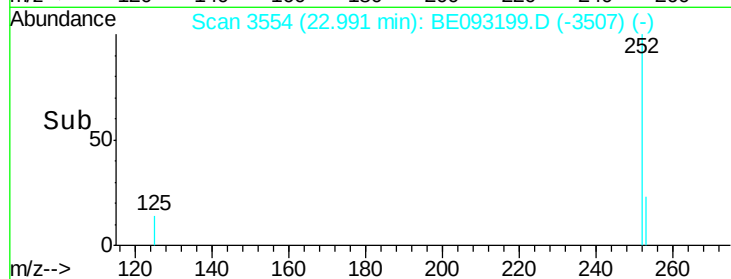
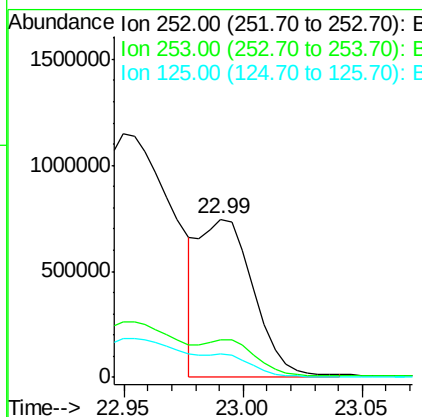
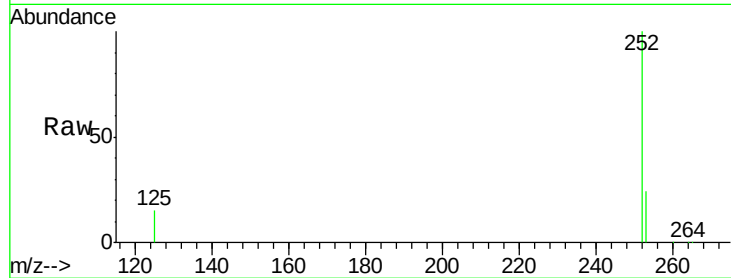
ClientSampleId :

F5B17

Tgt Ion:252 Resp: 1184225
 Ion Ratio Lower Upper
 252 100
 253 23.7 24.5 36.7#
 125 14.7 13.7 20.5

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#23

Benzo(a)pyrene

Concen: 21.605 ng/ul m

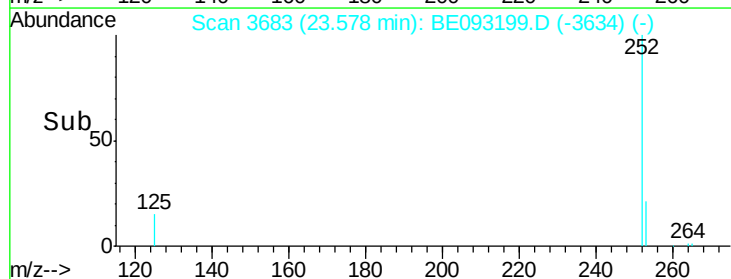
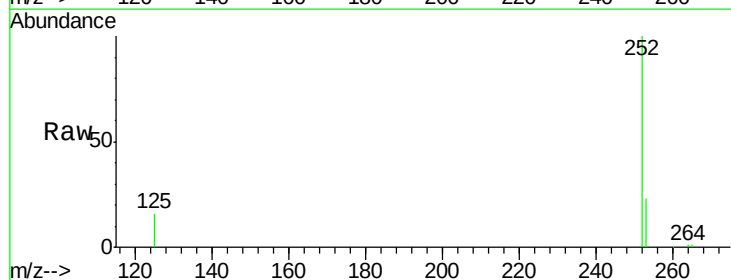
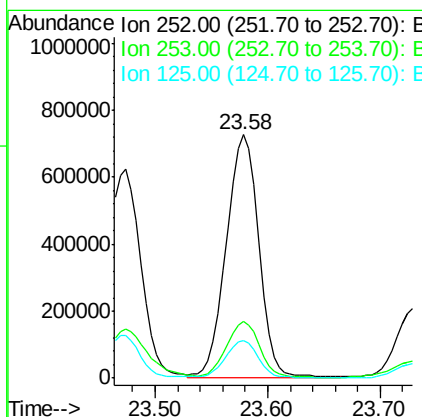
RT: 23.58 min Scan# 3683

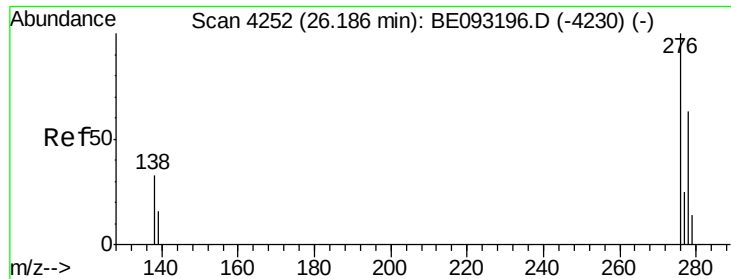
Delta R.T. 0.02 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

Tgt Ion:252 Resp: 1460426
 Ion Ratio Lower Upper
 252 100
 253 23.2 28.5 42.7#
 125 15.7 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 11.444 ng/ul m

RT: 26.20 min Scan# 4256

Delta R.T. 0.02 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

Instrument :

BNA_E

ClientSampleId :

F5B17

Tgt Ion: 276 Resp: 895688

Ion Ratio Lower Upper

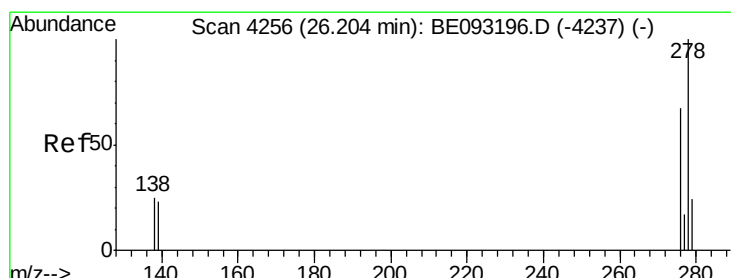
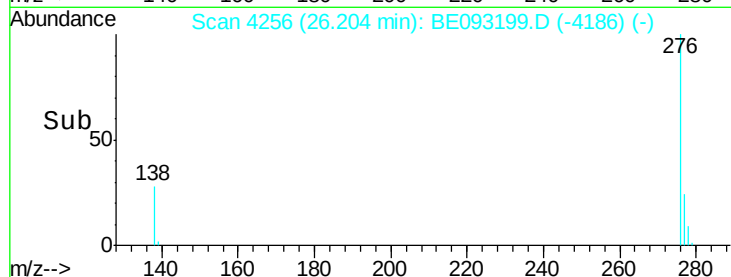
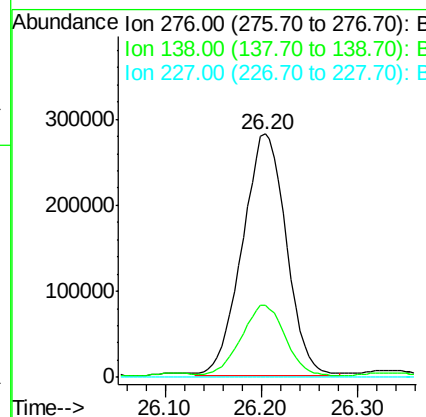
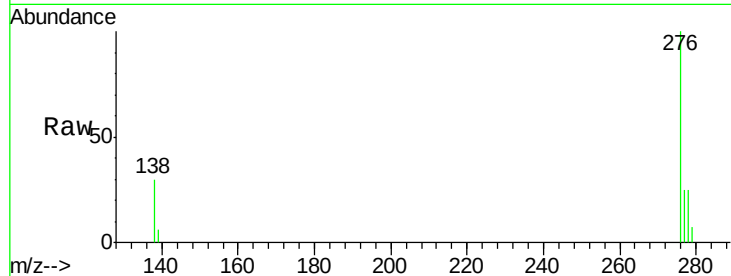
276 100

138 3.3 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:28 PM



#25

Dibenzo(a,h)anthracene

Concen: 3.875 ng/ul m

RT: 26.21 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

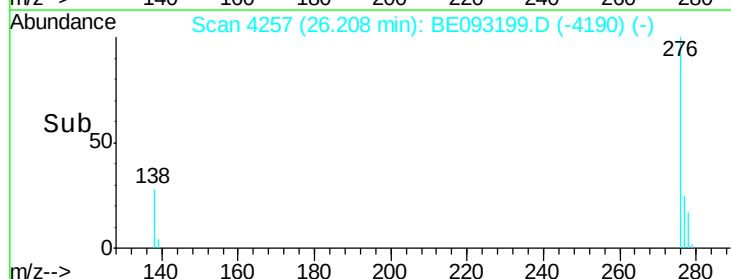
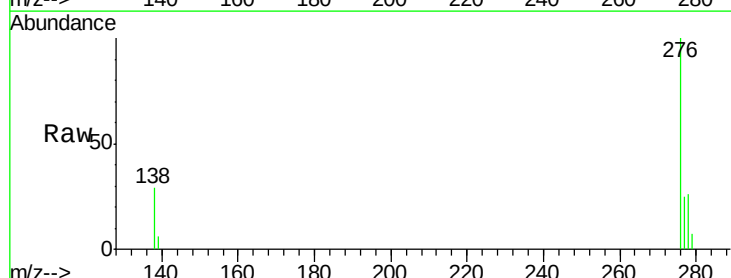
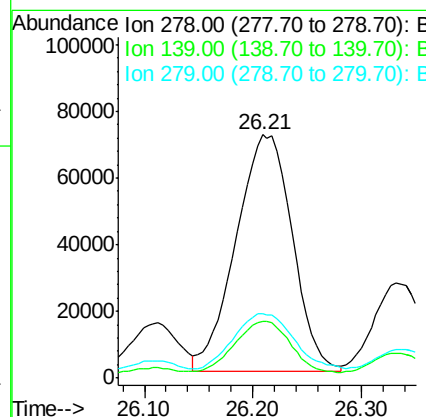
Tgt Ion: 278 Resp: 255380

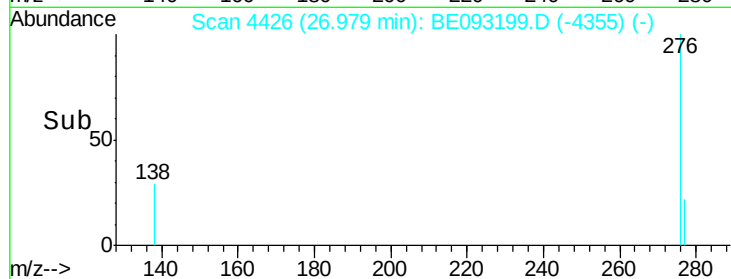
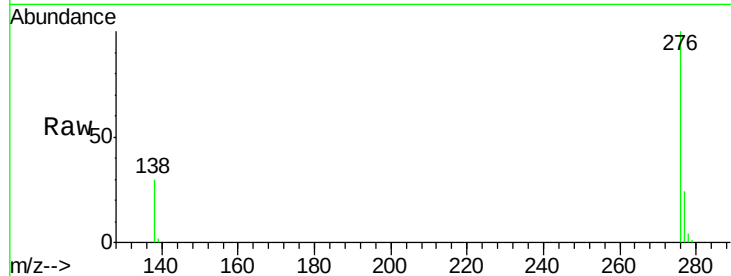
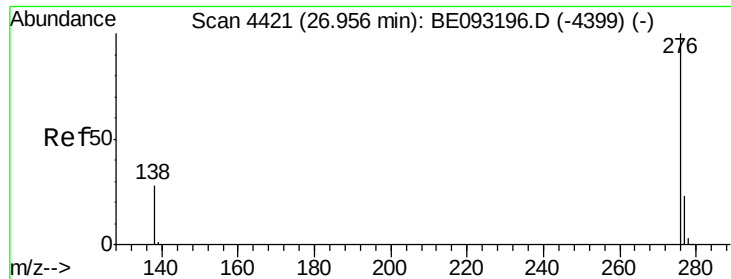
Ion Ratio Lower Upper

278 100

139 23.1 17.4 26.0

279 26.5 25.9 38.9





#26

Benzo(g,h,i)perylene

Concen: 9.162 ng/ul

RT: 26.98 min Scan# 4426

Delta R.T. 0.02 min

Lab File: BE093199.D

Acq: 15 Jun 2017 9:17

Instrument :

BNA_E

ClientSampleId :

F5B17

Tgt	Ion:276	Resp:	614991
Ion	Ratio	Lower	Upper
276	100		
138	29.6	21.8	32.8
277	24.3	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:28 PM

