

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
 Data File : BE093348.D
 Acq On : 23 Jun 2017 22:00
 Operator : SJ/JU
 Sample : I3627-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A47

Manual Integrations
 APPROVED

mohammad
 6/29/2017 8:33:28 AM

Quant Time: Jun 28 13:15:11 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 24 04:29:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1584	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8358	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5364	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12451	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12803	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10881m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3608	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9937	0.29	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.56	128	34006	1.640	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	2370	0.167	ng/ul	99
7) Acenaphthylene	14.08	152	1356	0.059	ng/ul#	88
8) Acenaphthene	14.42	153	2209	0.119	ng/ul	98
9) Fluorene	15.41	166	2800	0.129	ng/ul	92
12) Phenanthrene	17.14	178	14696	0.429	ng/ul#	91
13) Anthracene	17.22	178	7119	0.239	ng/ul#	91
15) Fluoranthene	19.15	202	12081	0.288	ng/ul	84
17) Pyrene	19.51	202	11828	0.313	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	3289	0.096	ng/ul#	86
19) Chrysene	21.29	228	3286	0.093	ng/ul	91
21) Benzo(b)fluoranthene	22.93	252	3322	0.101	ng/ul#	80
22) Benzo(k)fluoranthene	22.97	252	1113m	0.032	ng/ul	
23) Benzo(a)pyrene	23.55	252	2188m	0.070	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	1173m	0.032	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	20937	0.675	ng/ul	97

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

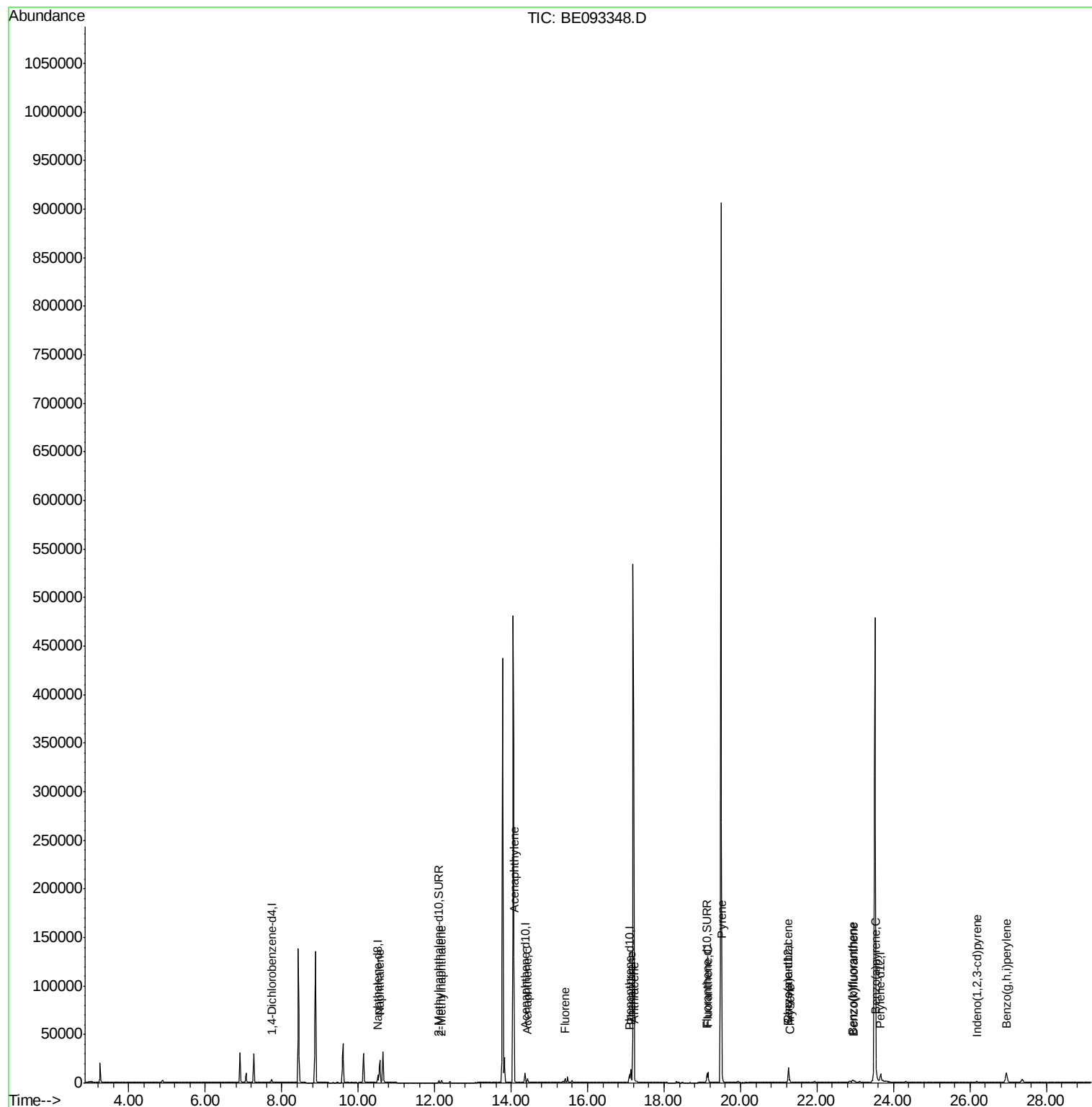
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
Data File : BE093348.D
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ALS Vial : 15 Sample Multiplier: 1

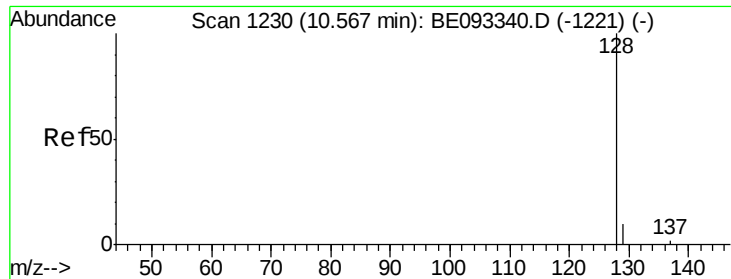
Instrument :
BNA_E
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F5A47

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#3

Naphthalene

Concen: 1.640 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Instrument :

BNA_E

ClientSampleId :

F5A47

Tgt Ion:128 Resp: 34006

Ion Ratio Lower Upper

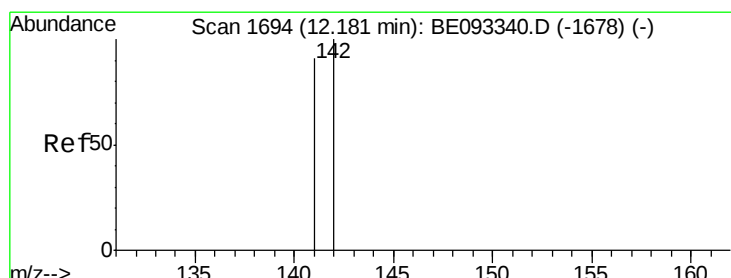
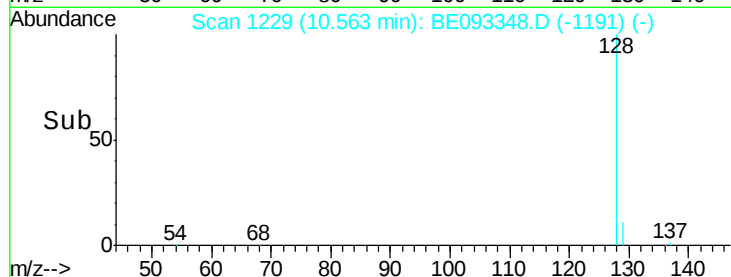
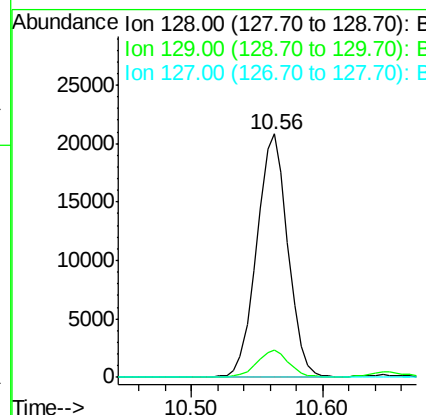
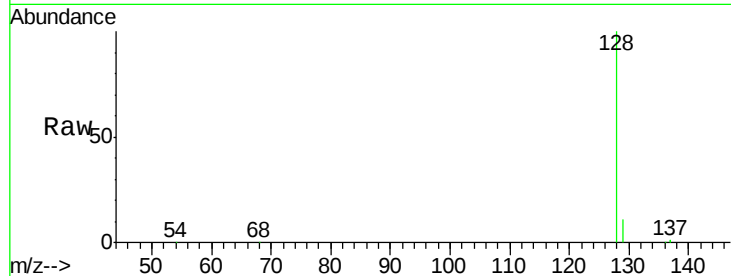
128 100

129 11.1 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.167 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BE093348.D

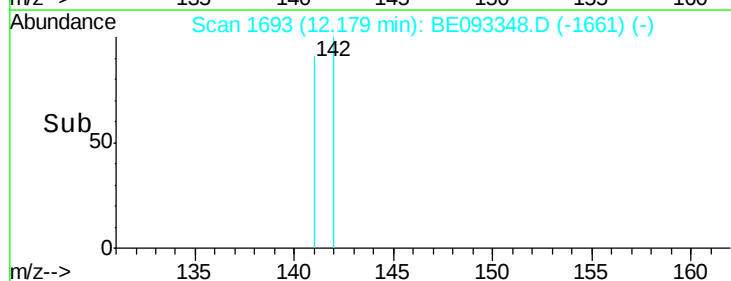
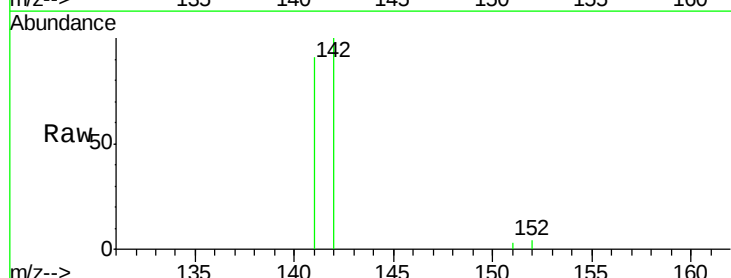
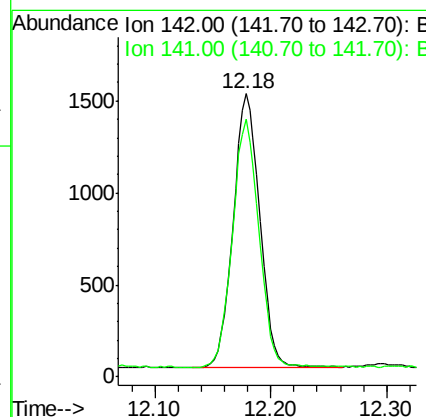
Acq: 23 Jun 2017 22:00

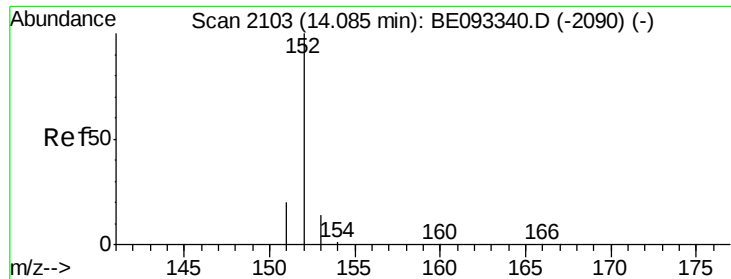
Tgt Ion:142 Resp: 2370

Ion Ratio Lower Upper

142 100

141 90.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Instrument :

BNA_E

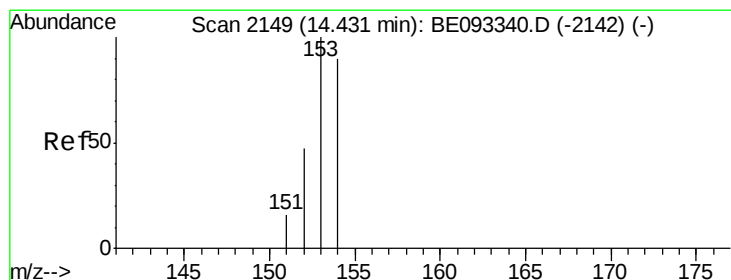
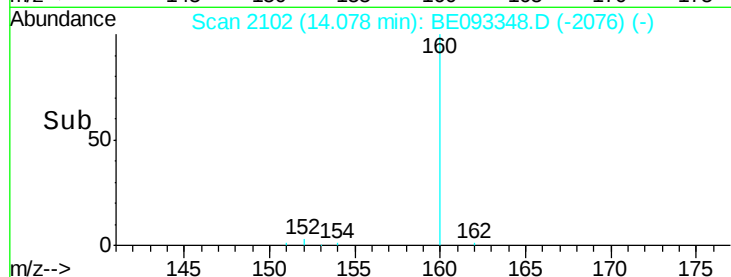
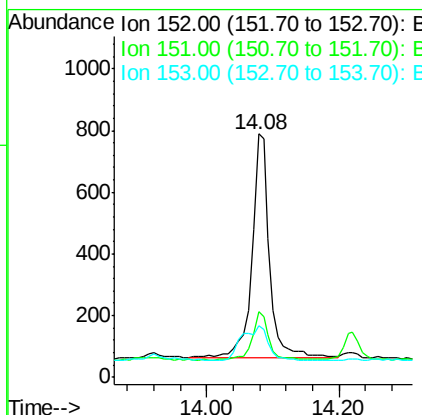
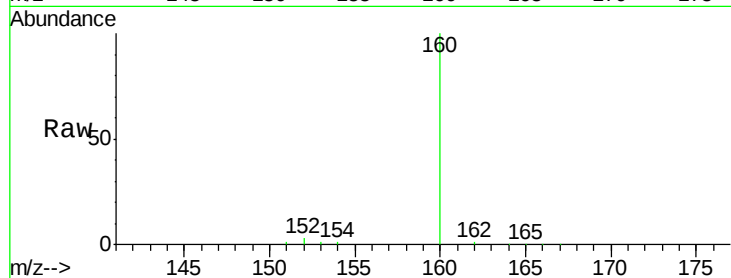
ClientSampleId :

F5A47

Tgt Ion:	152	Resp:	1356
Ion Ratio	Lower	Upper	
152	100		
151	26.9	17.1	25.7#
153	21.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.119 ng/ul

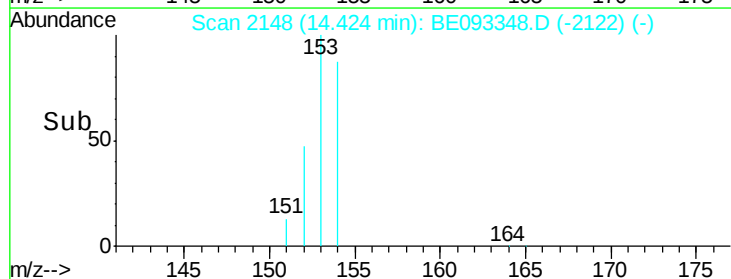
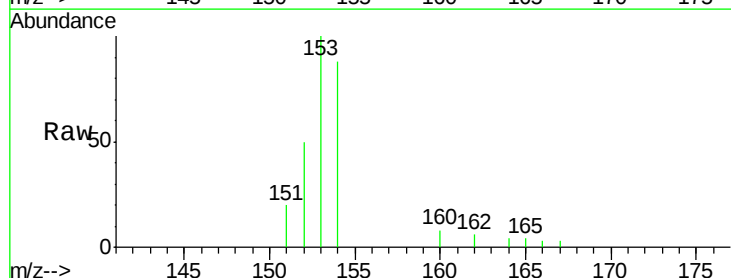
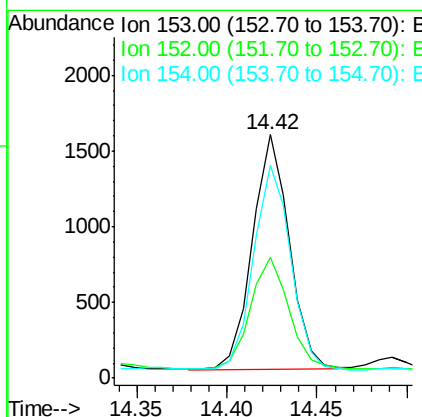
RT: 14.42 min Scan# 2148

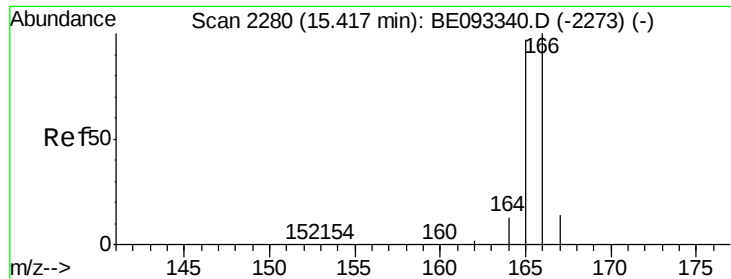
Delta R.T. -0.01 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Tgt Ion:	153	Resp:	2209
Ion Ratio	Lower	Upper	
153	100		
152	49.6	40.3	60.5
154	87.5	71.4	107.2





#9

Fluorene

Concen: 0.129 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Instrument :

BNA_E

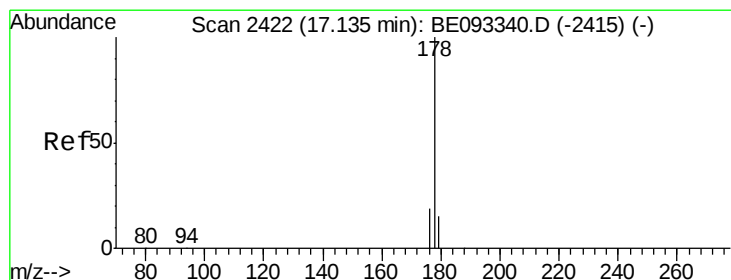
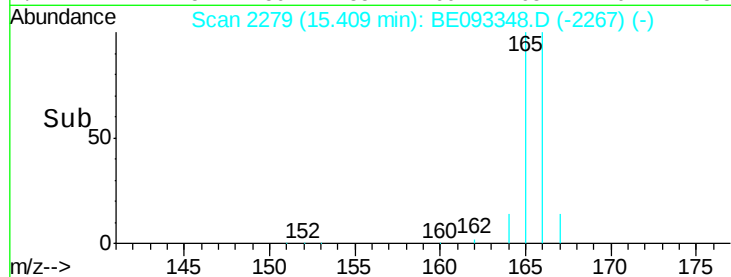
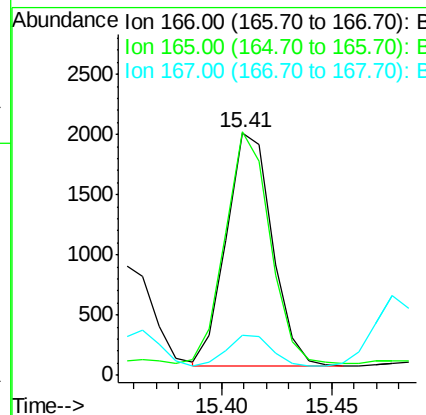
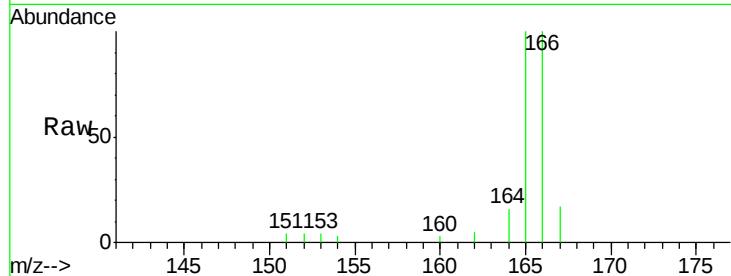
ClientSampled :

F5A47

Tgt Ion:	166	Resp:	2800
Ion Ratio	Lower	Upper	
166	100		
165	100.4	73.4	110.2
167	16.6	14.6	22.0

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#12

Phenanthrene

Concen: 0.429 ng/ul

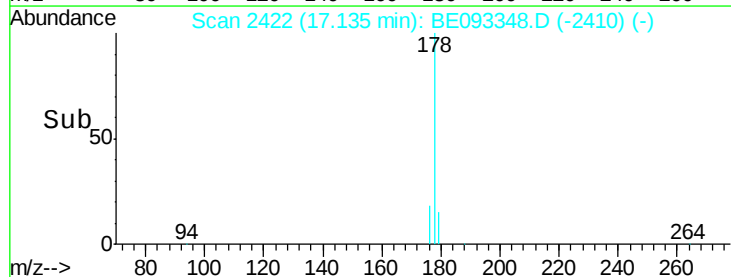
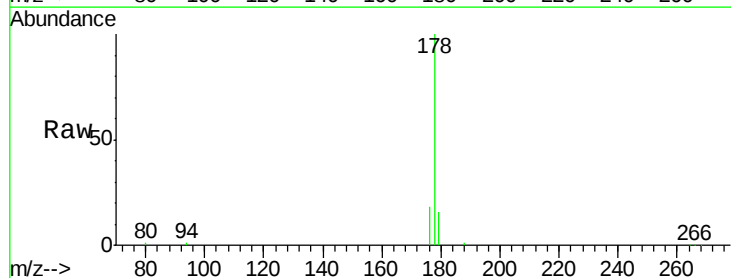
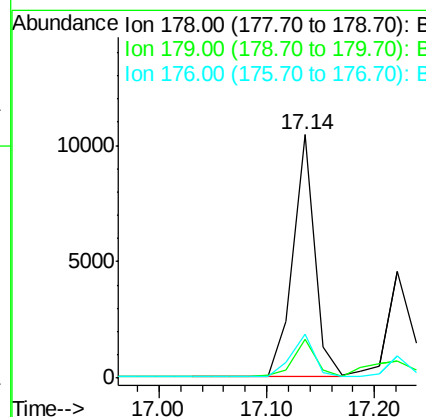
RT: 17.14 min Scan# 2422

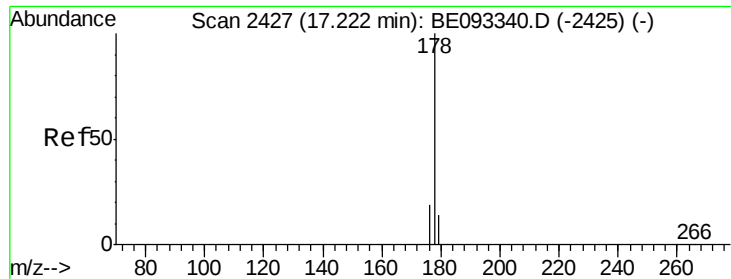
Delta R.T. -0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Tgt Ion:	178	Resp:	14696
Ion Ratio	Lower	Upper	
178	100		
179	16.1	18.4	27.6#
176	18.2	13.6	20.4





#13

Anthracene

Concen: 0.239 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Instrument :

BNA_E

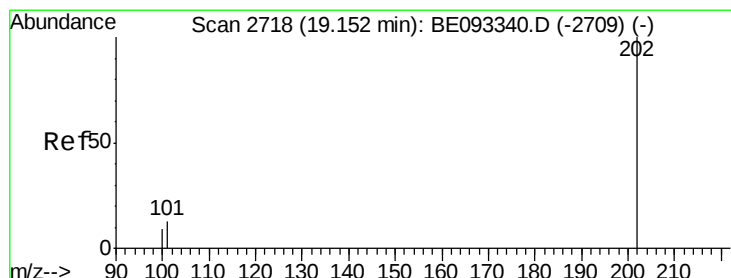
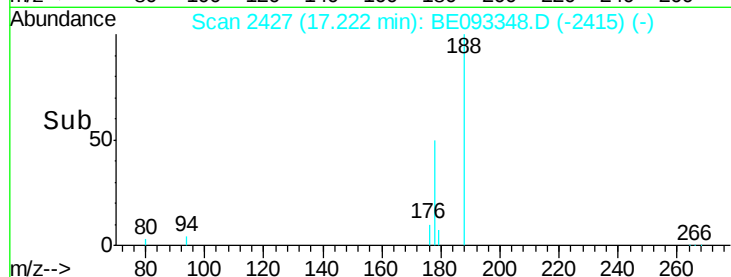
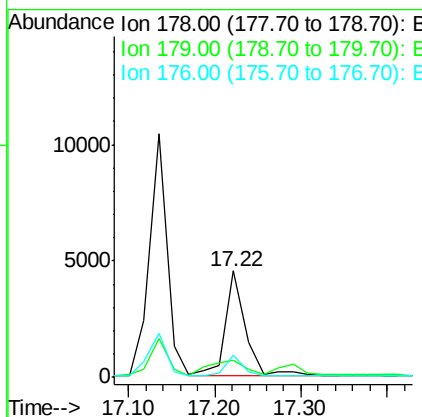
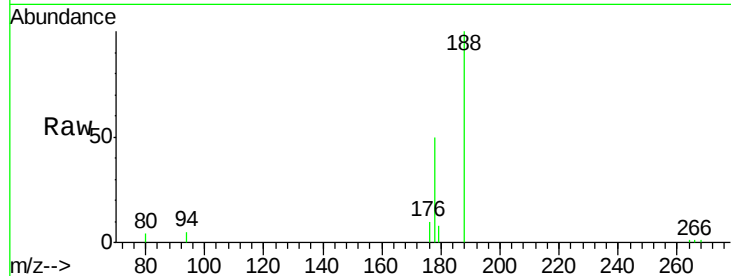
ClientSampleId :

F5A47

Tgt Ion:	178	Resp:	7119
Ion Ratio	Lower	Upper	
178	100		
179	16.5	18.1	27.1#
176	20.4	14.7	22.1

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#15

Fluoranthene

Concen: 0.288 ng/ul

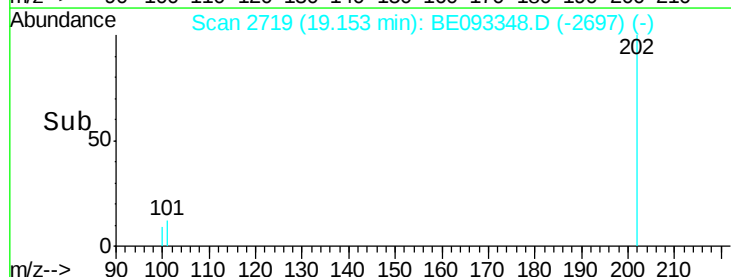
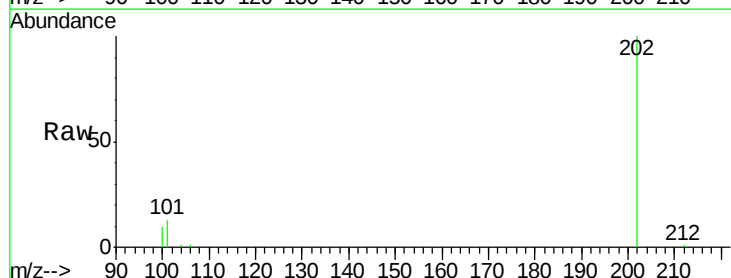
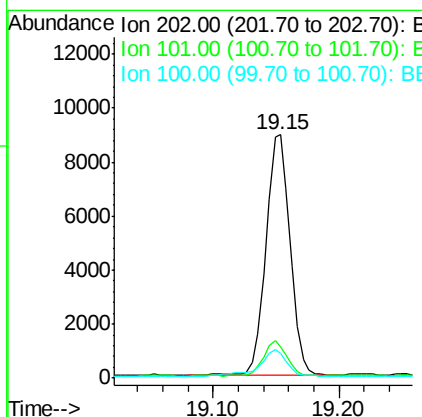
RT: 19.15 min Scan# 2719

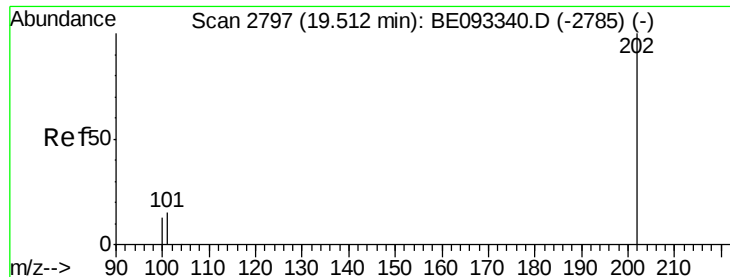
Delta R.T. 0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Tgt Ion:	202	Resp:	12081
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	30.3
100	10.2	0.0	39.5





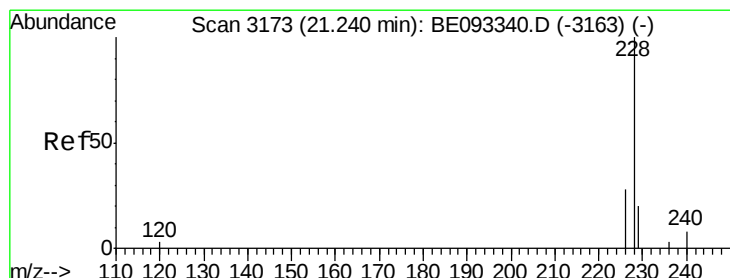
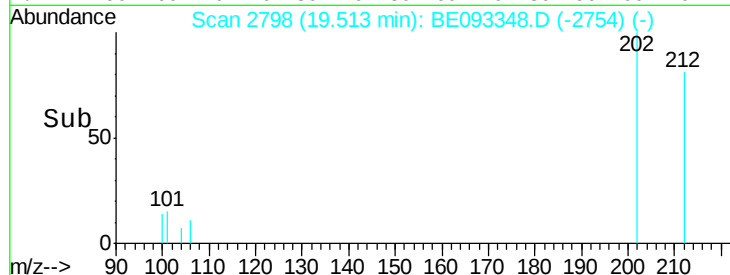
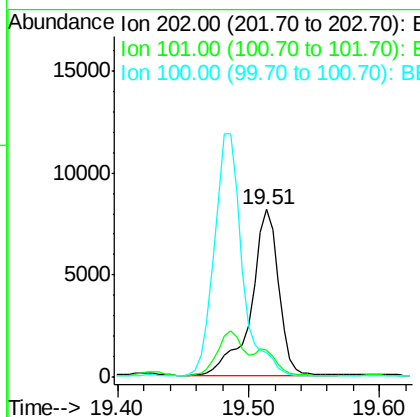
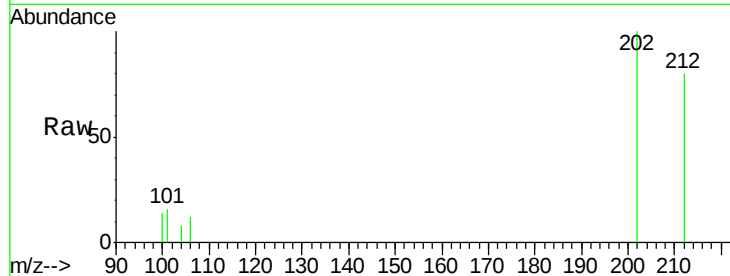
#17
 Pyrene
 Concen: 0.313 ng/ul
 RT: 19.51 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE093348.D
 Acq: 23 Jun 2017 22:00

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	11828		
101	16.4	18.2	27.4#	
100	14.4	15.6	23.4#	

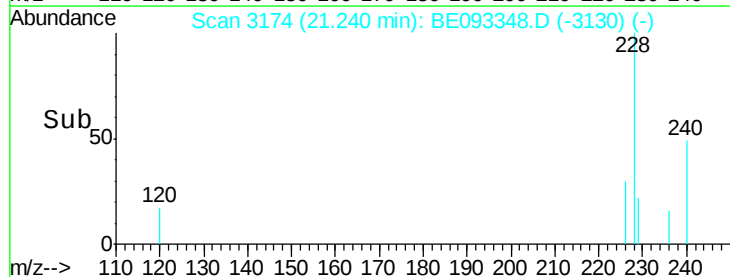
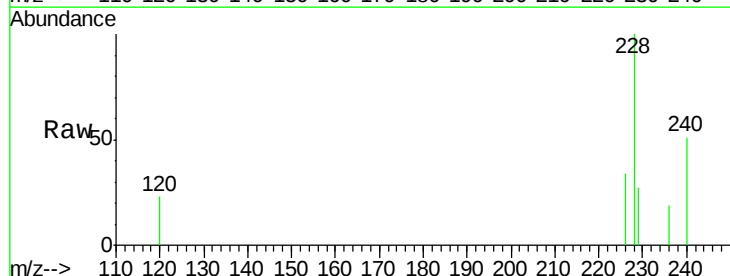
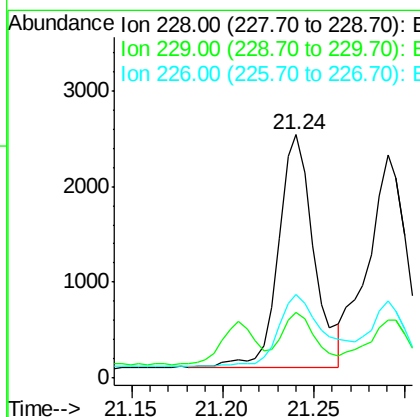
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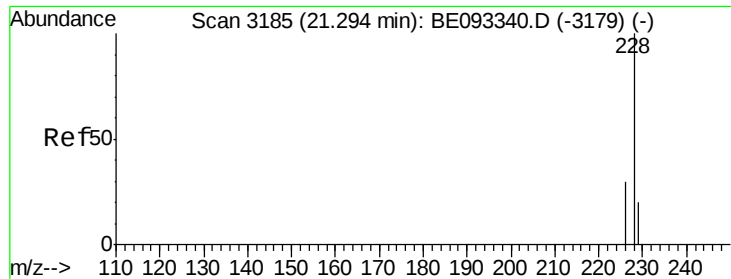
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#18
 Benzo(a)anthracene
 Concen: 0.096 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BE093348.D
 Acq: 23 Jun 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	3289		
229	26.9	22.8	34.2	
226	34.3	17.0	25.6#	





#19

Chrysene

Concen: 0.093 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Instrument :

BNA_E

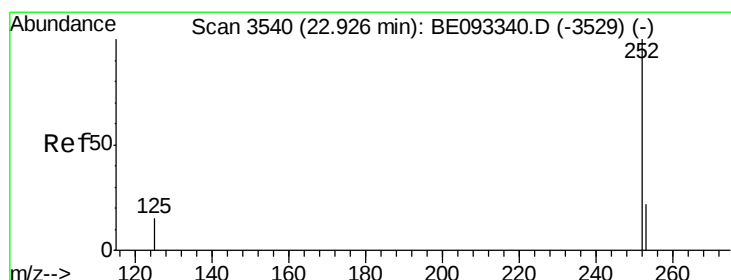
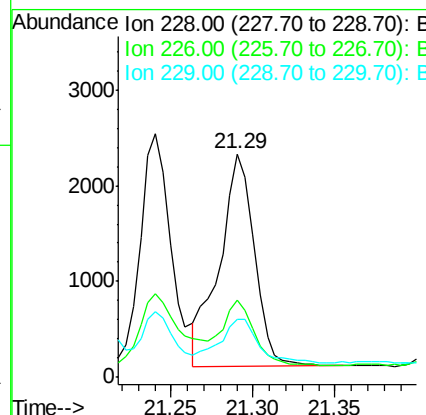
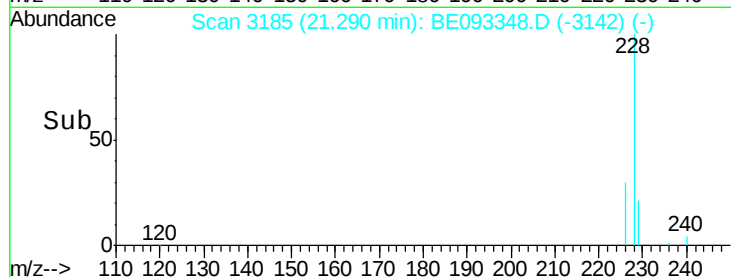
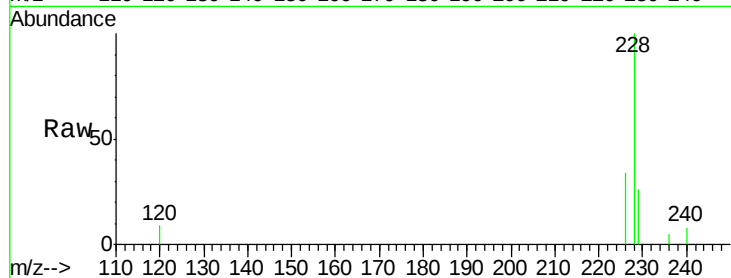
ClientSampleId :

F5A47

Tgt Ion:	228	Resp:	3286
Ion Ratio	Lower	Upper	
228	100		
226	34.3	23.4	35.0
229	26.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.101 ng/ul

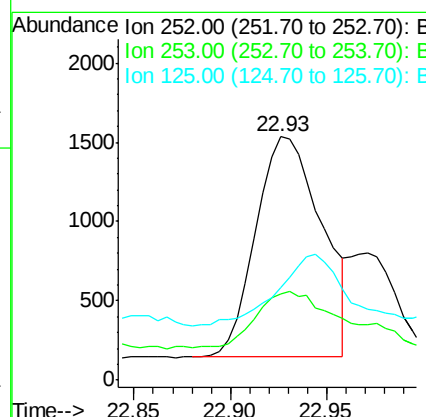
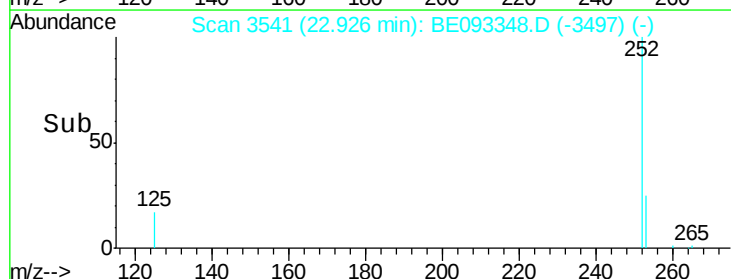
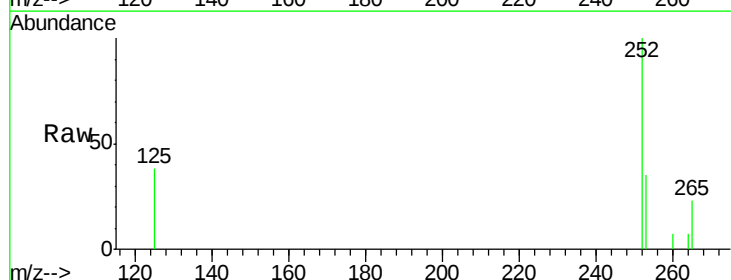
RT: 22.93 min Scan# 3541

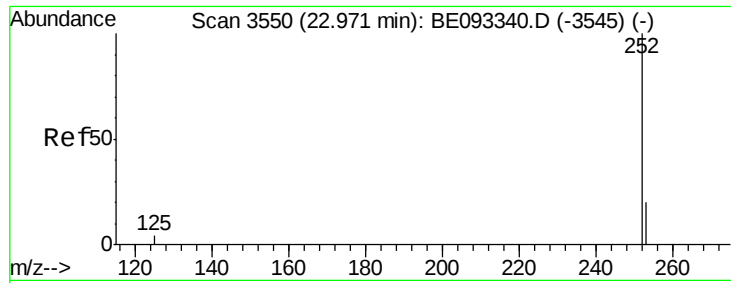
Delta R.T. 0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Tgt Ion:	252	Resp:	3322
Ion Ratio	Lower	Upper	
252	100		
253	35.4	0.0	64.2
125	37.8	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.032 ng/ul m

RT: 22.97 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Instrument :

BNA_E

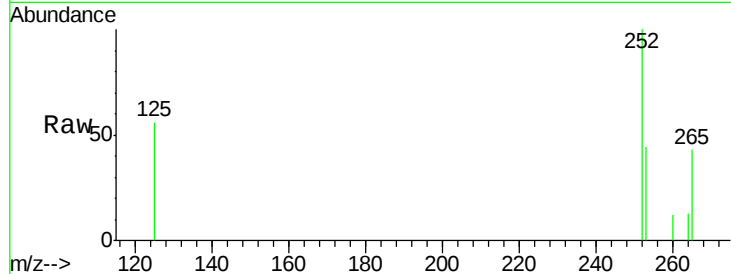
ClientSampleId :

F5A47

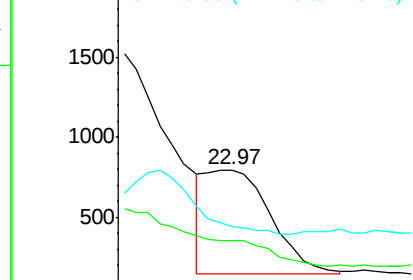
Tgt Ion:	252	Resp:	1113
Ion Ratio	Lower	Upper	
252	100		
253	44.1	24.5	36.7#
125	55.9	13.7	20.5#

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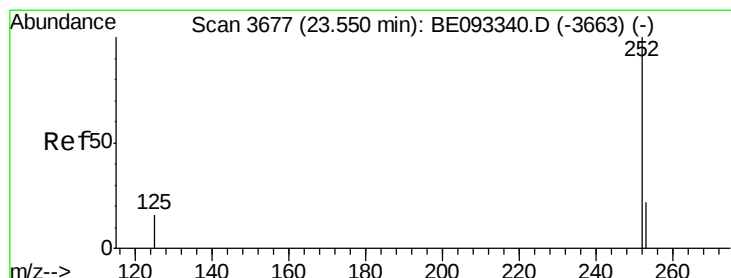
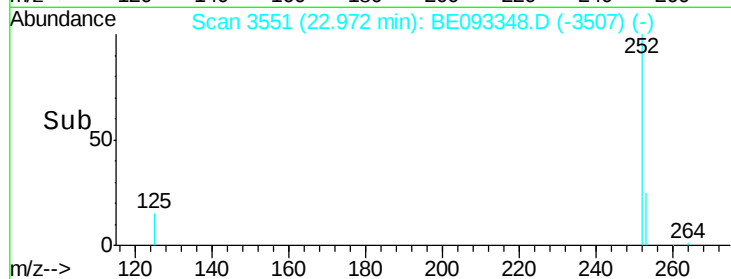
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.070 ng/ul m

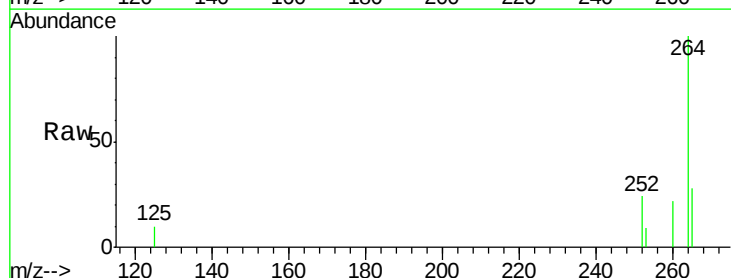
RT: 23.55 min Scan# 3679

Delta R.T. 0.00 min

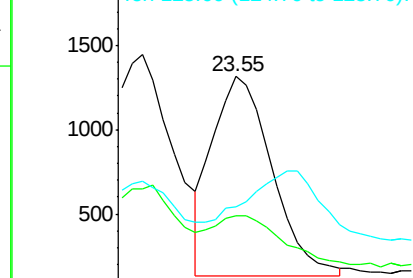
Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

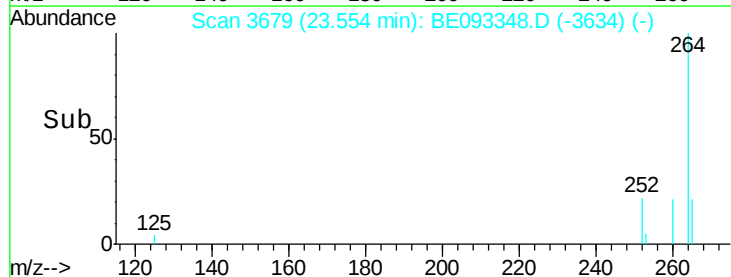
Tgt Ion:	252	Resp:	2188
Ion Ratio	Lower	Upper	
252	100		
253	37.0	28.5	42.7
125	41.4	18.1	27.1#

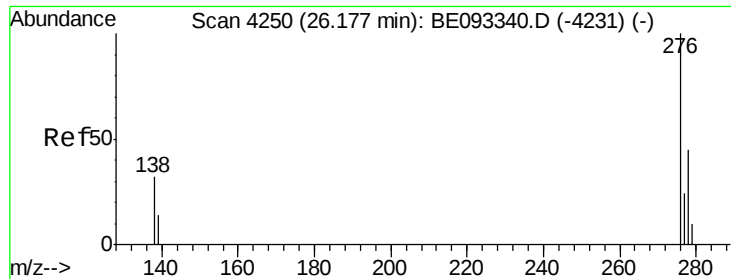


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.032 ng/ul m

RT: 26.18 min Scan# 4252

Delta R.T. 0.01 min

Lab File: BE093348.D

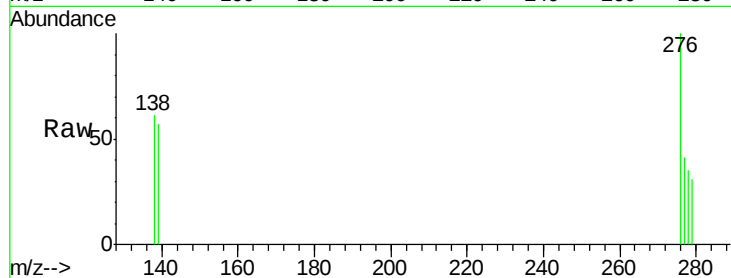
Acq: 23 Jun 2017 22:00

Instrument :

BNA_E

ClientSampleId :

F5A47



Tgt Ion: 276 Resp: 1173

Ion Ratio Lower Upper

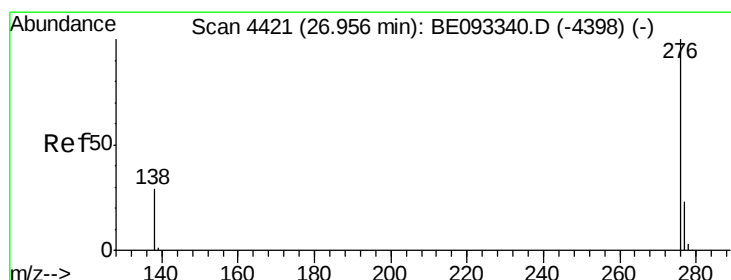
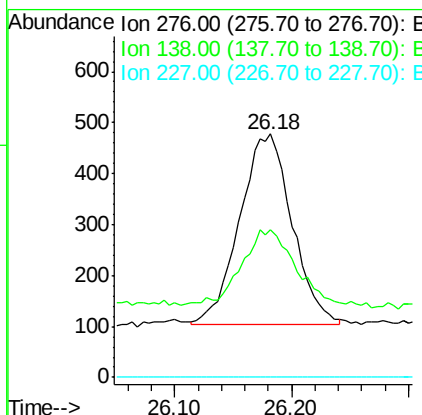
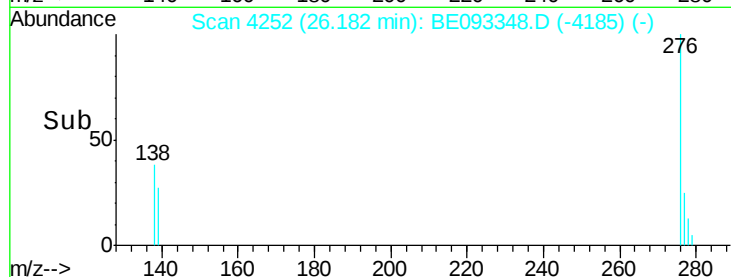
276 100

138 0.0 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:28 AM



#26

Benzo(g,h,i)perylene

Concen: 0.675 ng/ul

RT: 26.95 min Scan# 4421

Delta R.T. -0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Tgt Ion: 276 Resp: 20937

Ion Ratio Lower Upper

276 100

138 29.8 21.8 32.8

277 25.6 20.5 30.7

