

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
 Data File : BE093587.D
 Acq On : 25 Jul 2017 21:06
 Operator : SJ/JU
 Sample : I4209-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B24

Manual Integrations
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Quant Time: Jul 26 10:33:56 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 06:10:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2279	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12280	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8238	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20702m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22883	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	20282m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5154	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	17972	0.28	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.76	128	1180	0.040	ng/ul#	90
7) Acenaphthylene	14.25	152	1209	0.035	ng/ul#	87
12) Phenanthrene	17.29	178	1832	0.032	ng/ul#	91
13) Anthracene	17.38	178	1386	0.025	ng/ul#	55
15) Fluoranthene	19.30	202	16253	0.231	ng/ul	84
17) Pyrene	19.67	202	24415	0.366	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	12855	0.194	ng/ul#	84
19) Chrysene	21.45	228	11027	0.173	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	16294	0.260	ng/ul	92
22) Benzo(k)fluoranthene	23.19	252	6209m	0.100	ng/ul	
23) Benzo(a)pyrene	23.81	252	15481m	0.259	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	8365m	0.127	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	1817m	0.033	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	8917m	0.161	ng/ul	

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

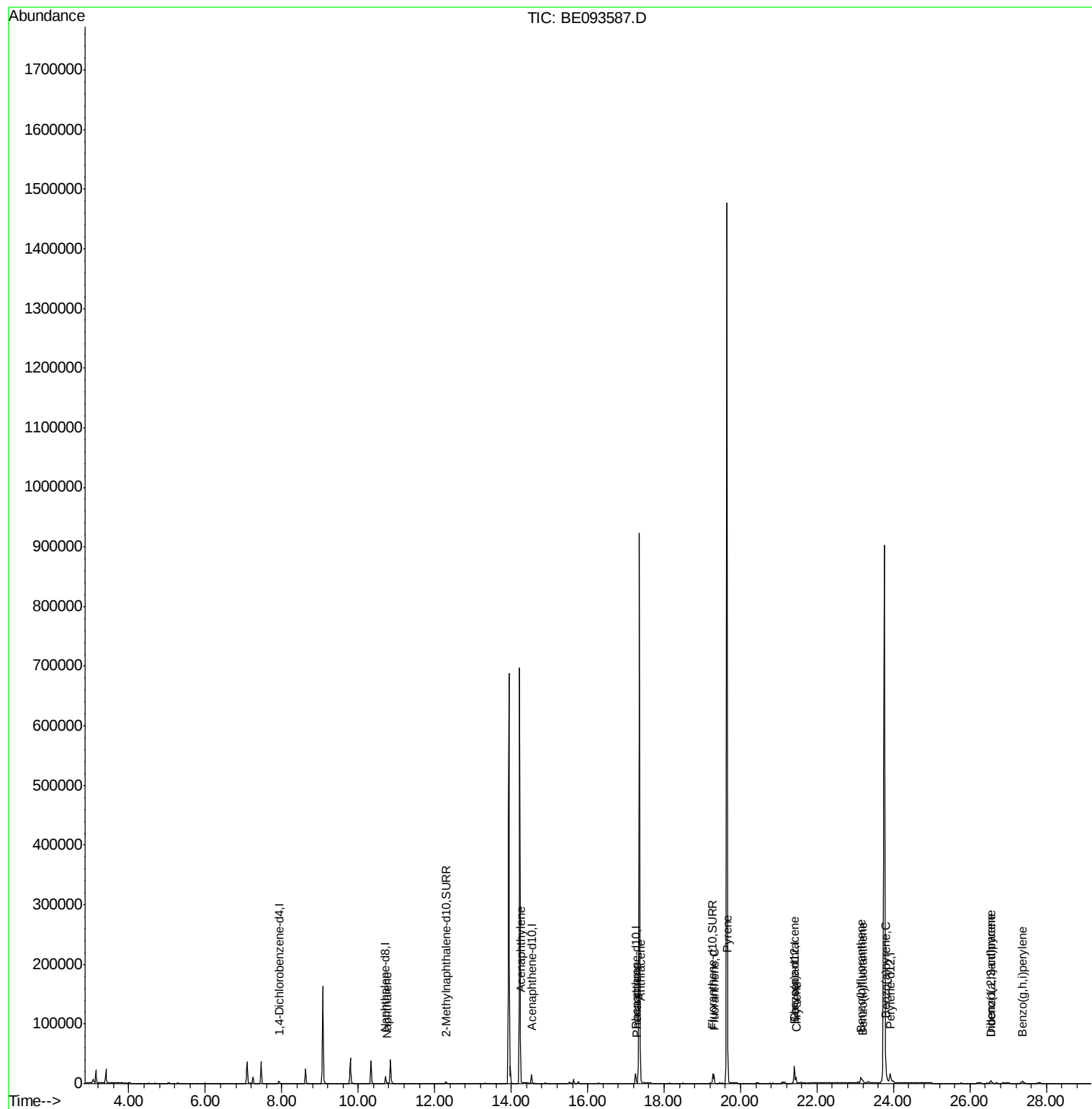
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
Data File : BE093587.D
Acq On : 25 Jul 2017 21:06
Operator : SJ/JU
Sample : I4209-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

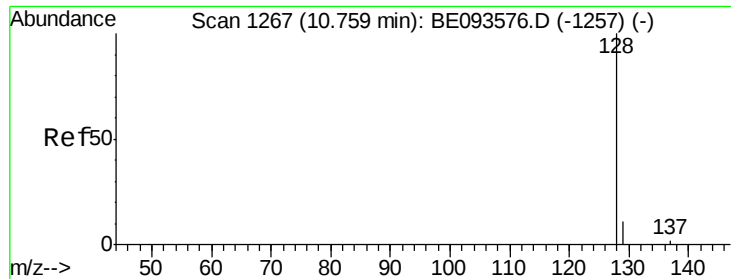
Instrument :
BNA_E
ClientSampleId :
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Quant Time: Jul 26 10:33:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE093587.D

Acq: 25 Jul 2017 21:06

Instrument :

BNA_E

ClientSampleId :

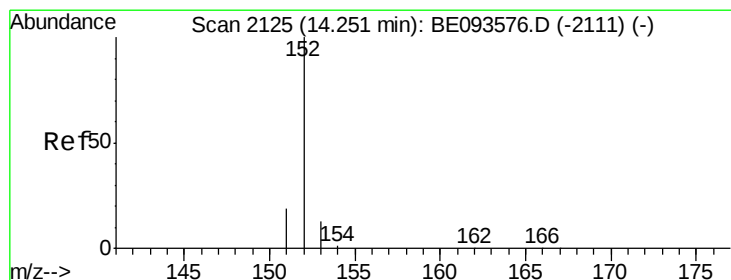
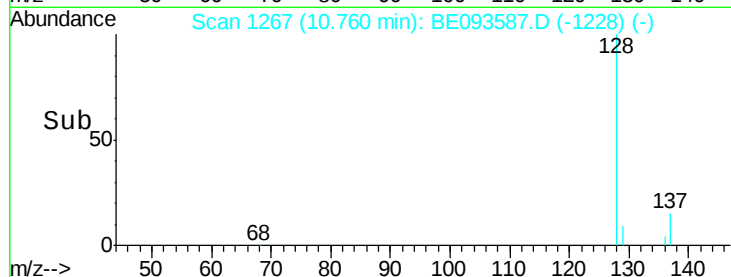
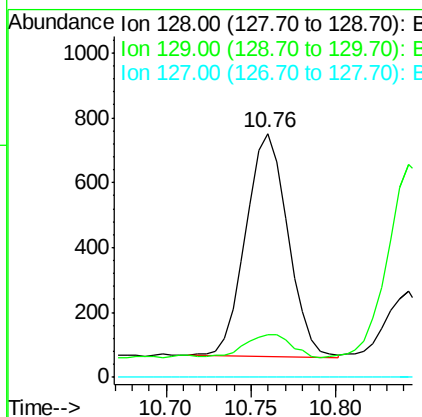
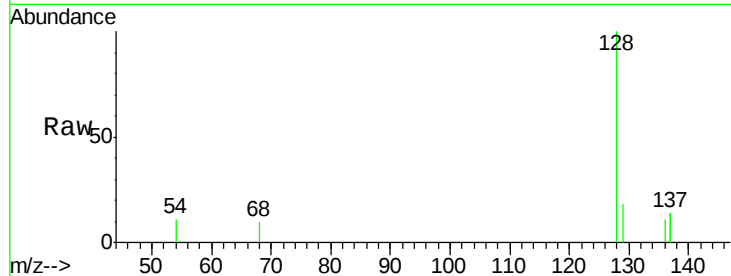
C0B24

Tgt Ion:	128	Resp:	1180
Ion Ratio	Lower	Upper	
128	100		
129	17.6	11.3	16.9#
127	0.0	4.0	6.0#

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#7

Acenaphthylene

Concen: 0.035 ng/ul

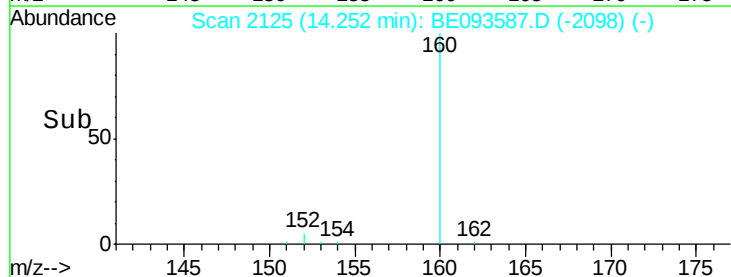
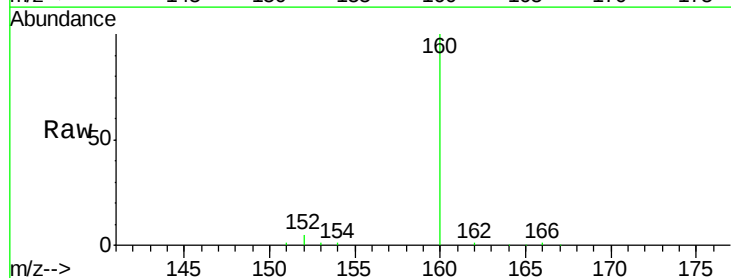
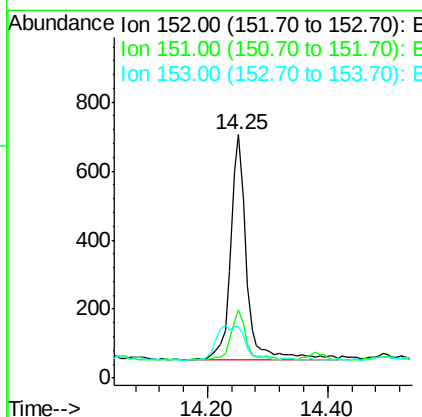
RT: 14.25 min Scan# 2125

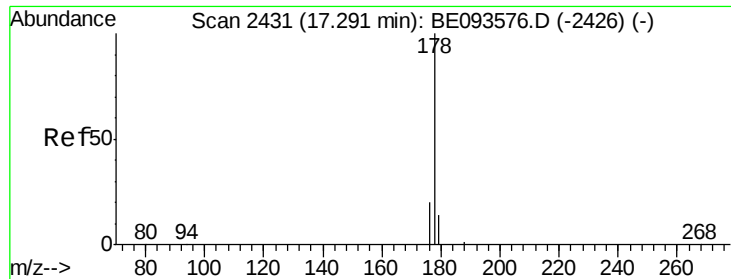
Delta R.T. 0.00 min

Lab File: BE093587.D

Acq: 25 Jul 2017 21:06

Tgt Ion:	152	Resp:	1209
Ion Ratio	Lower	Upper	
152	100		
151	27.9	17.1	25.7#
153	21.2	12.8	19.2#





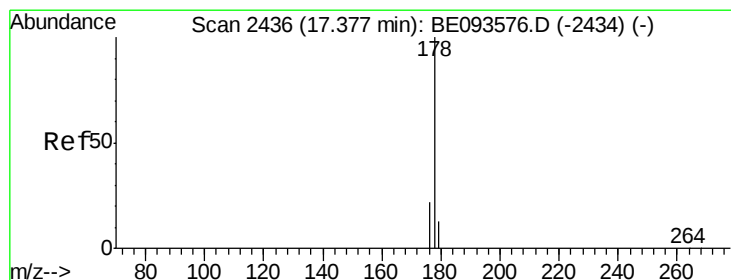
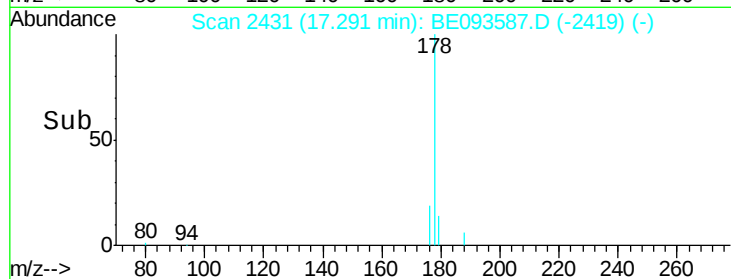
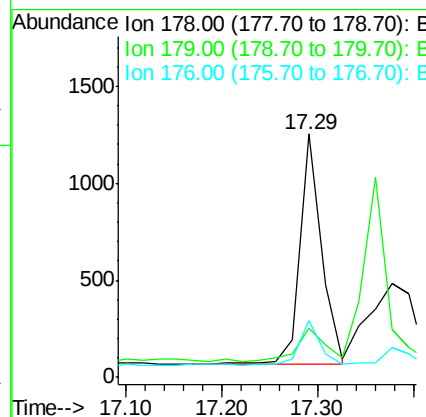
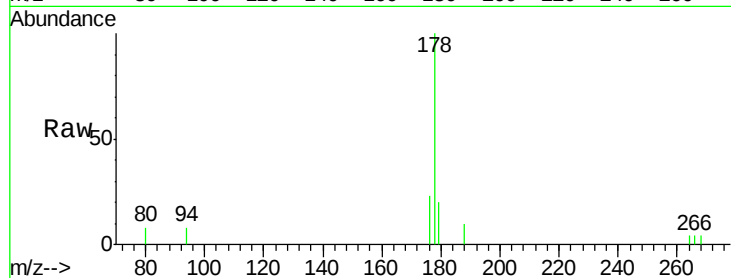
#12
Phenanthrene
Concen: 0.032 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093587.D
Acq: 25 Jul 2017 21:06

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.3	18.4	27.6
176	23.2	13.6	20.4

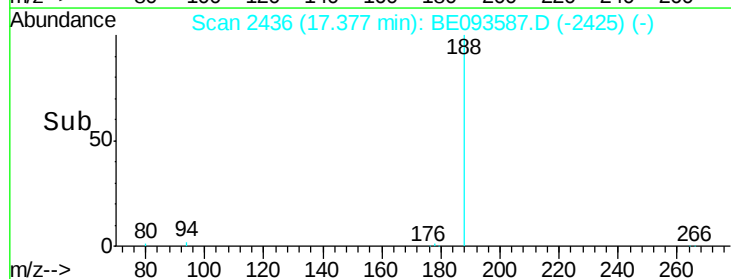
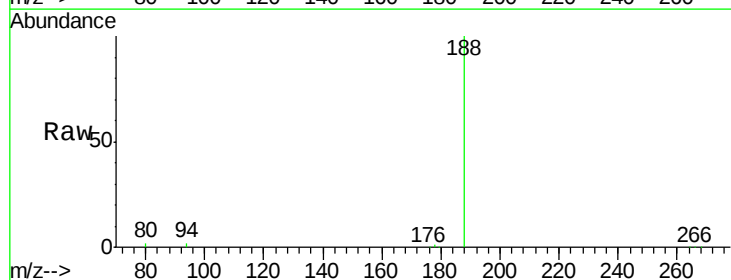
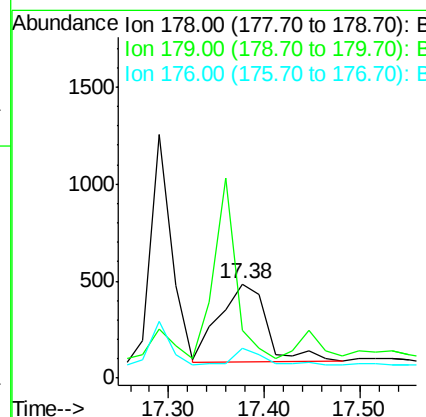
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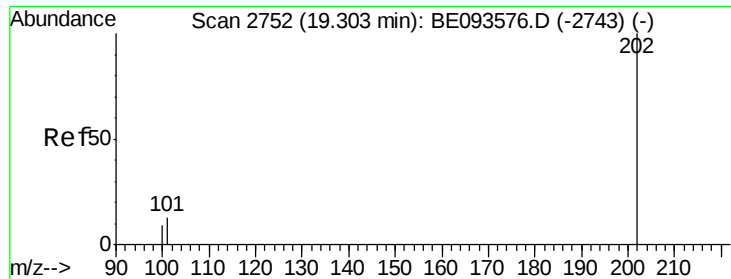
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#13
Anthracene
Concen: 0.025 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE093587.D
Acq: 25 Jul 2017 21:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	50.2	18.1	27.1
176	31.9	14.7	22.1





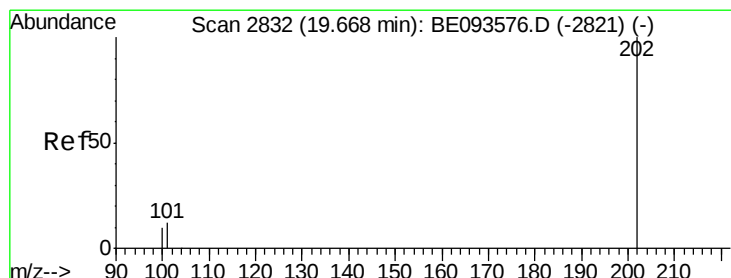
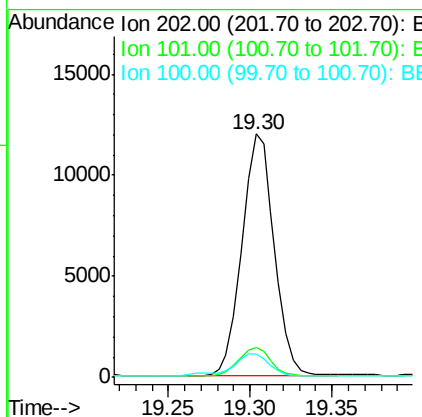
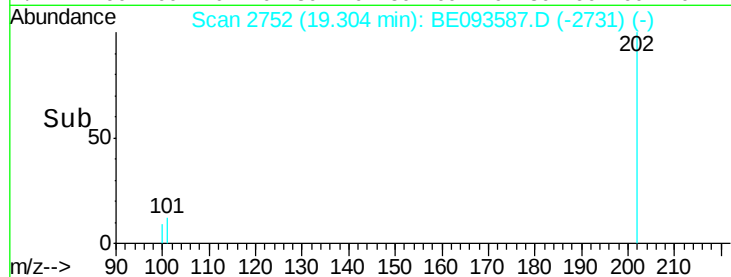
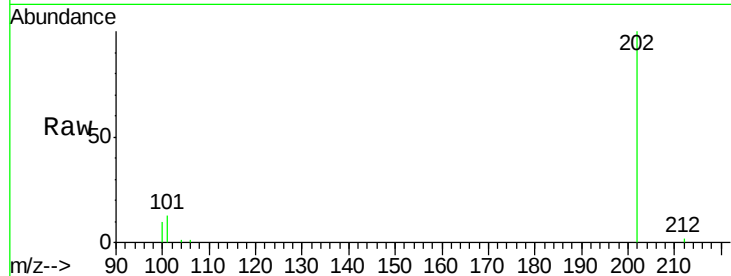
#15
Fluoranthene
 Concen: 0.231 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BE093587.D
 Acq: 25 Jul 2017 21:06

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	0.0	30.3
100	9.9	0.0	39.5

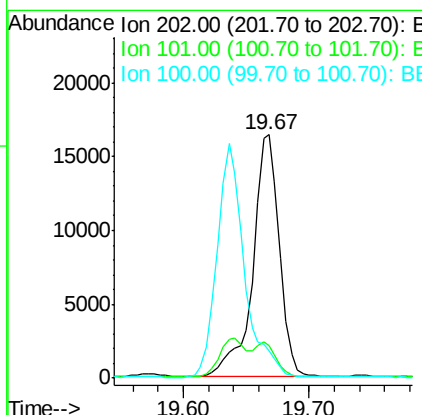
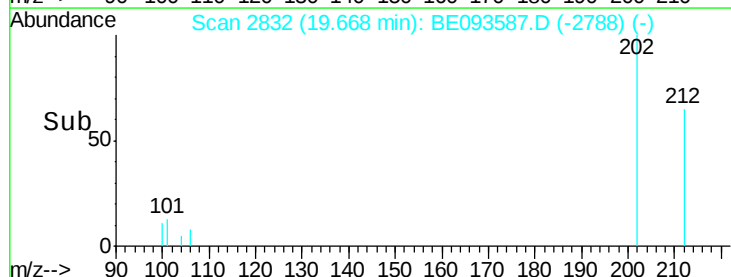
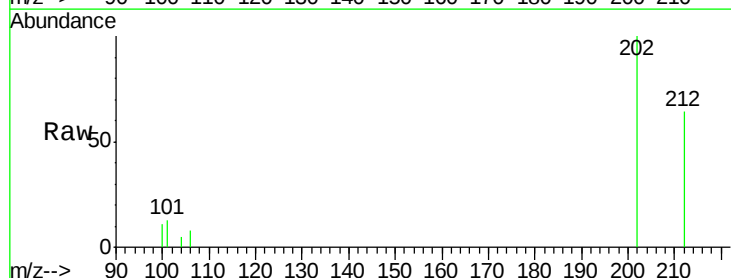
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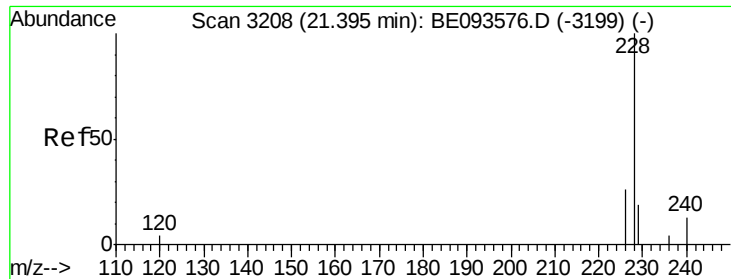
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#17
Pyrene
 Concen: 0.366 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BE093587.D
 Acq: 25 Jul 2017 21:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	18.2	27.4#
100	11.4	15.6	23.4#





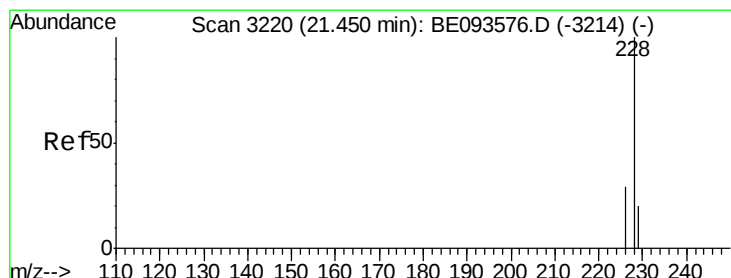
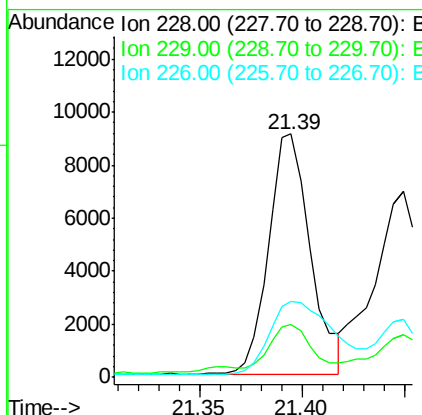
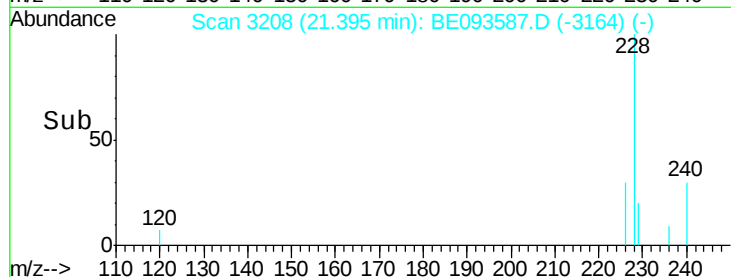
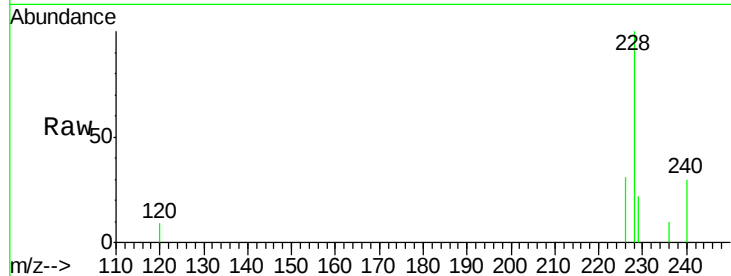
#18
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE093587.D
Acq: 25 Jul 2017 21:06

Instrument :
BNA_E
ClientSampleId :
C0B24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	31.1	17.0	25.6#

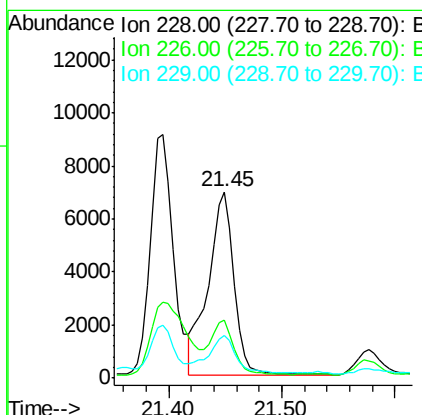
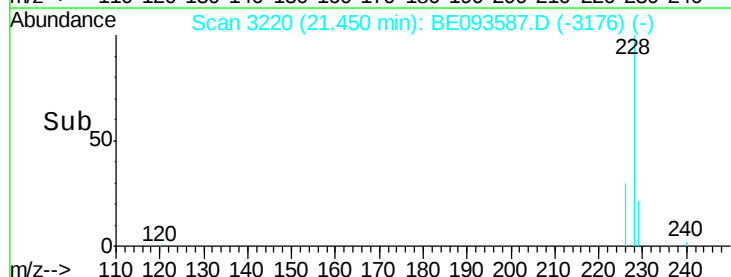
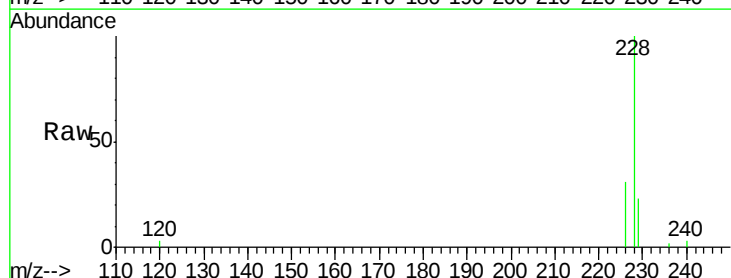
Manual Integrations
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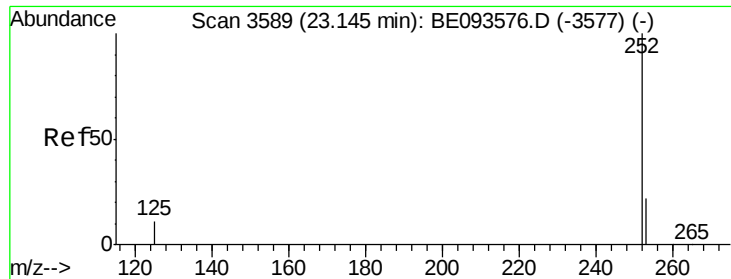
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#19
Chrysene
Concen: 0.173 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE093587.D
Acq: 25 Jul 2017 21:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	22.6	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.260 ng/ul

RT: 23.14 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BE093587.D

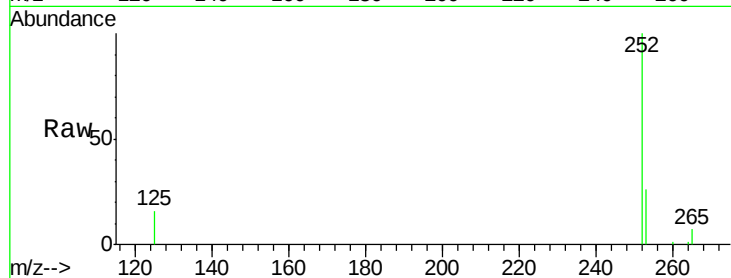
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Instrument :

BNA_E

ClientSampleId :

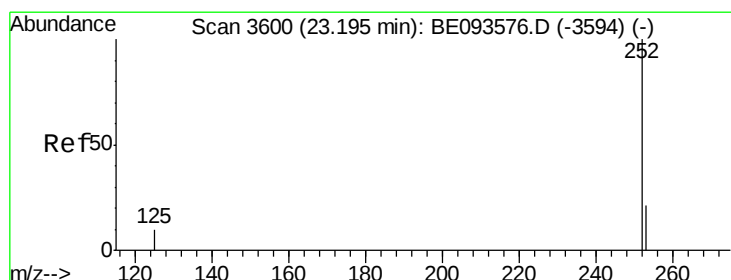
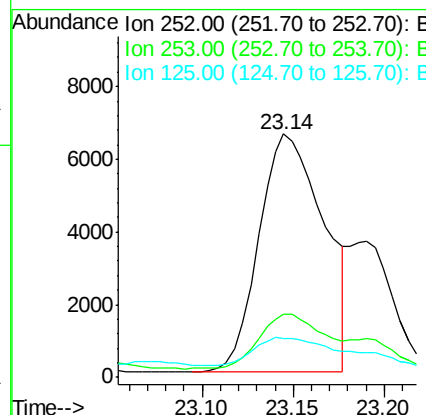
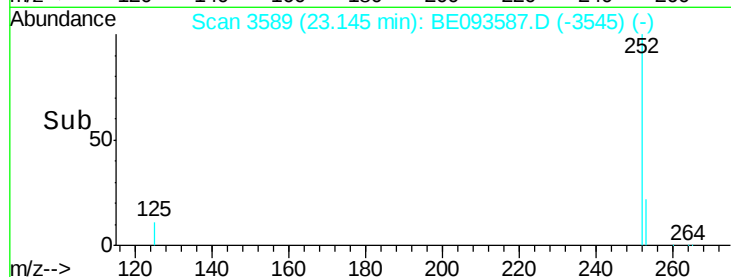
C0B24



Tgt Ion:	252	Resp:	16294
Ion Ratio	Lower	Upper	
252	100		
253	25.7	0.0	64.2
125	16.2	0.0	35.0

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#22

Benzo(k)fluoranthene

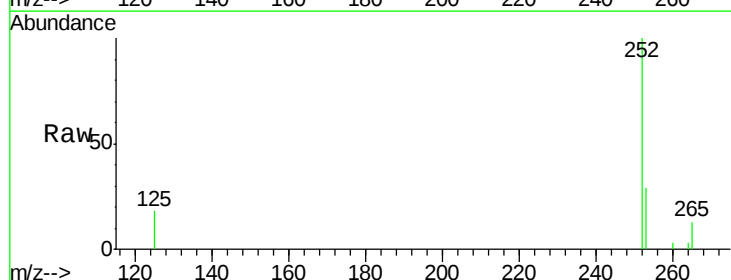
Concen: 0.100 ng/ul m

RT: 23.19 min Scan# 3599

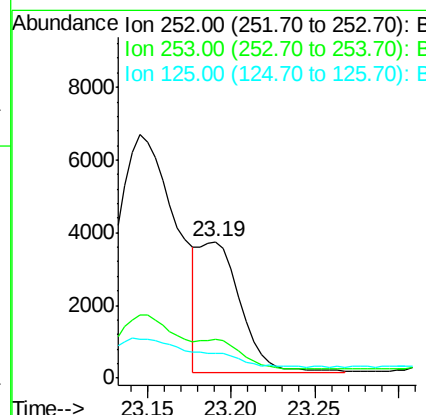
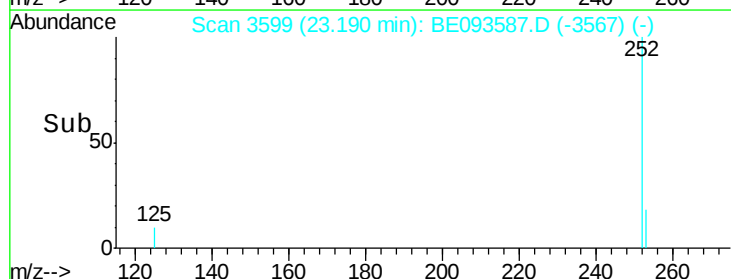
Delta R.T. -0.00 min

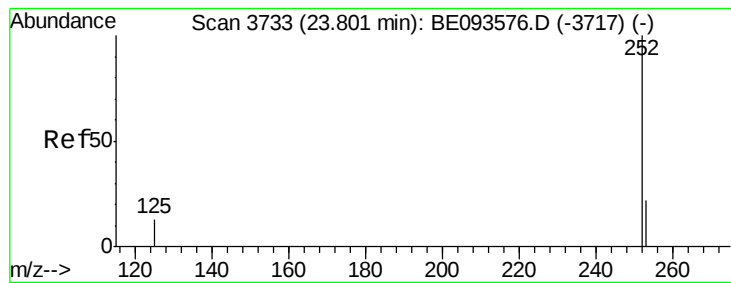
Lab File: BE093587.D

Acq: 25 Jul 2017 21:06



Tgt Ion:	252	Resp:	6209
Ion Ratio	Lower	Upper	
252	100		
253	28.6	24.5	36.7
125	18.5	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.259 ng/ul m

RT: 23.81 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BE093587.D

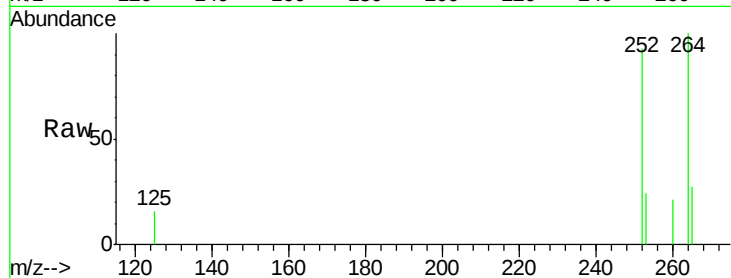
Acq: 25 Jul 2017 21:06

Instrument :

BNA_E

ClientSampled :

C0B24



Tgt Ion: 252 Resp: 15481

Ion Ratio Lower Upper

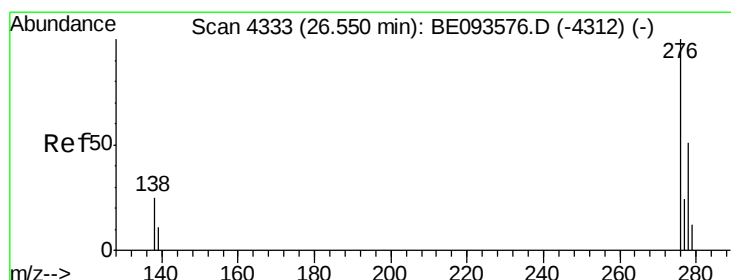
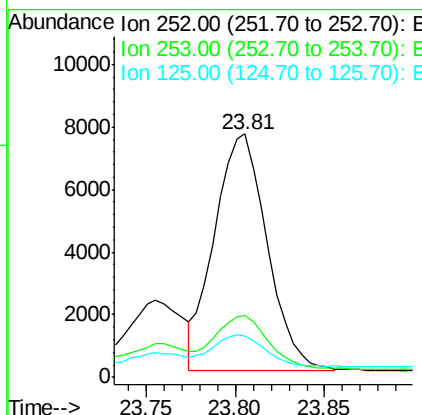
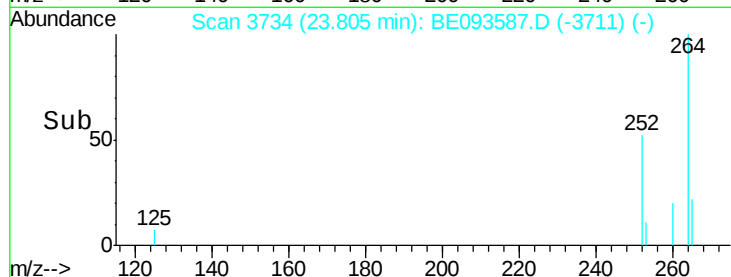
252 100

253 25.6 28.5 42.7#

125 17.1 18.1 27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.127 ng/ul m

RT: 26.55 min Scan# 4333

Delta R.T. -0.00 min

Lab File: BE093587.D

Acq: 25 Jul 2017 21:06

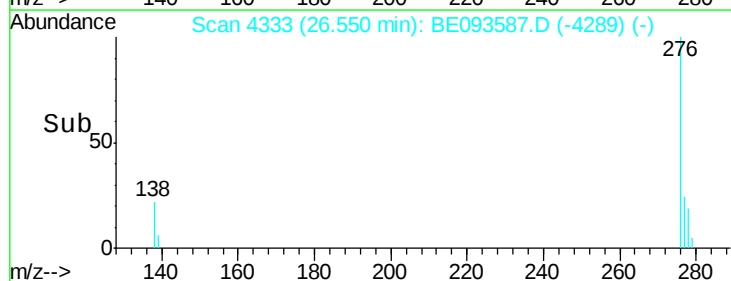
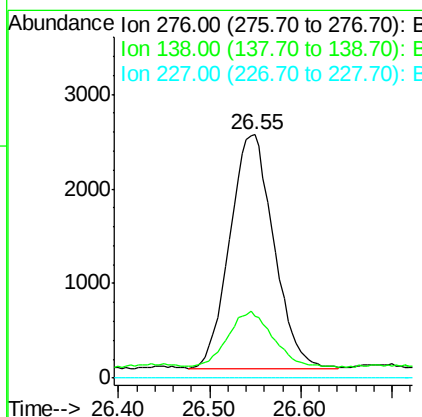
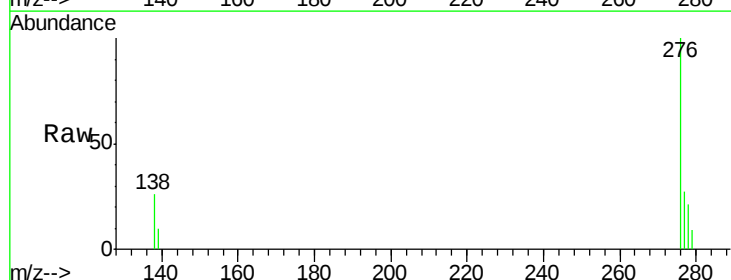
Tgt Ion: 276 Resp: 8365

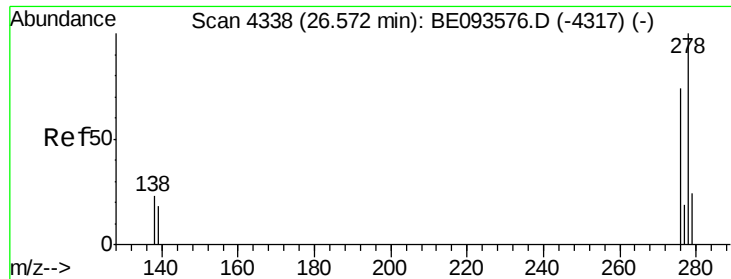
Ion Ratio Lower Upper

276 100

138 0.0 28.0 42.0#

227 0.0 8.0 12.0#





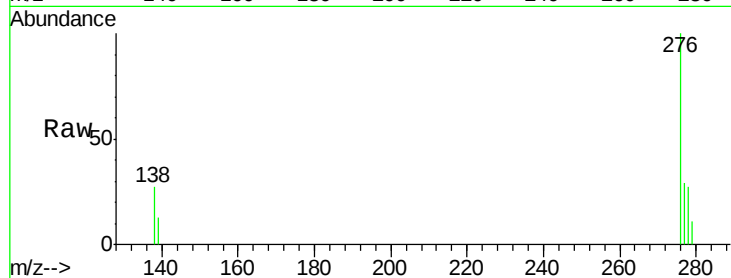
#25
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul m
RT: 26.56 min Scan# 4335
Delta R.T. -0.02 min
Lab File: BE093587.D
Acq: 25 Jul 2017 21:06

Instrument :
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ClientSampleId :
C0B24

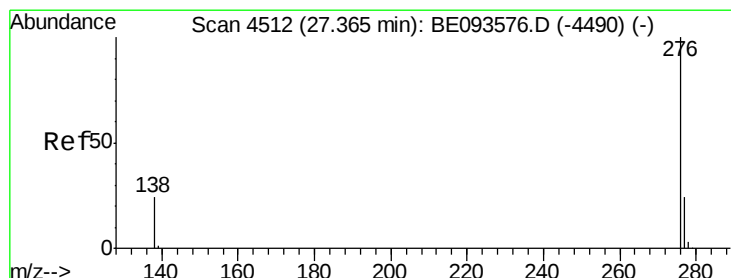
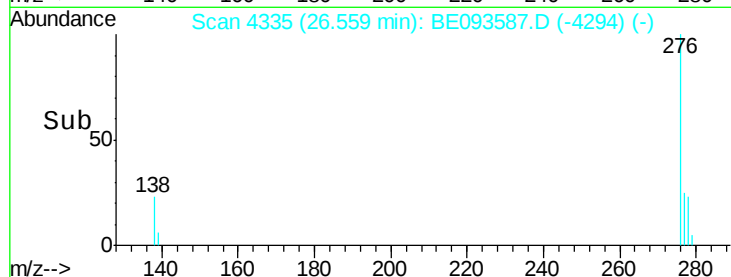
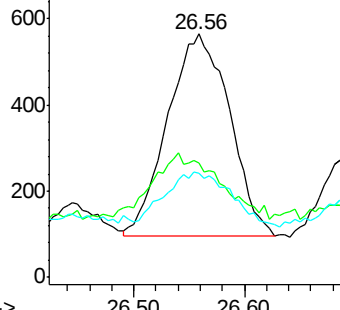
Tgt Ion	Ratio	Lower	Upper
278	100		
139	46.9	17.4	26.0#
279	42.8	25.9	38.9#

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.161 ng/ul m
RT: 27.37 min Scan# 4513
Delta R.T. -0.00 min
Lab File: BE093587.D
Acq: 25 Jul 2017 21:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.8	32.8
277	25.7	20.5	30.7

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

