

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
 Data File : BE093791.D
 Acq On : 14 Aug 2017 17:37
 Operator : SJ/JU
 Sample : I4504-18DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA9DL

Manual Integrations
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 8/15/2017 6:43:24 PM

Quant Time: Aug 14 19:05:19 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2533	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13309	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8807	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19166	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19794	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19787	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	789	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1880m	0.03	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.75	128	19893	0.614	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	47549	2.013	ng/ul	99
7) Acenaphthylene	14.24	152	4533	0.123	ng/ul#	59
8) Acenaphthene	14.58	153	8493	0.293	ng/ul	95
9) Fluorene	15.57	166	41760	1.140	ng/ul	91
12) Phenanthrene	17.29	178	87619	1.679	ng/ul#	91
13) Anthracene	17.38	178	33214	0.653	ng/ul#	89
15) Fluoranthene	19.30	202	31256	0.479	ng/ul	83
17) Pyrene	19.66	202	49883	0.863	ng/ul#	86
18) Benzo(a)anthracene	21.39	228	15173	0.264	ng/ul#	68
19) Chrysene	21.45	228	14127	0.257	ng/ul#	68
21) Benzo(b)fluoranthene	23.15	252	6736m	0.110	ng/ul	
23) Benzo(a)pyrene	23.80	252	7454	0.128	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.55	276	2868	0.045	ng/ul#	90
26) Benzo(g,h,i)perylene	27.37	276	1942	0.036	ng/ul#	41

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

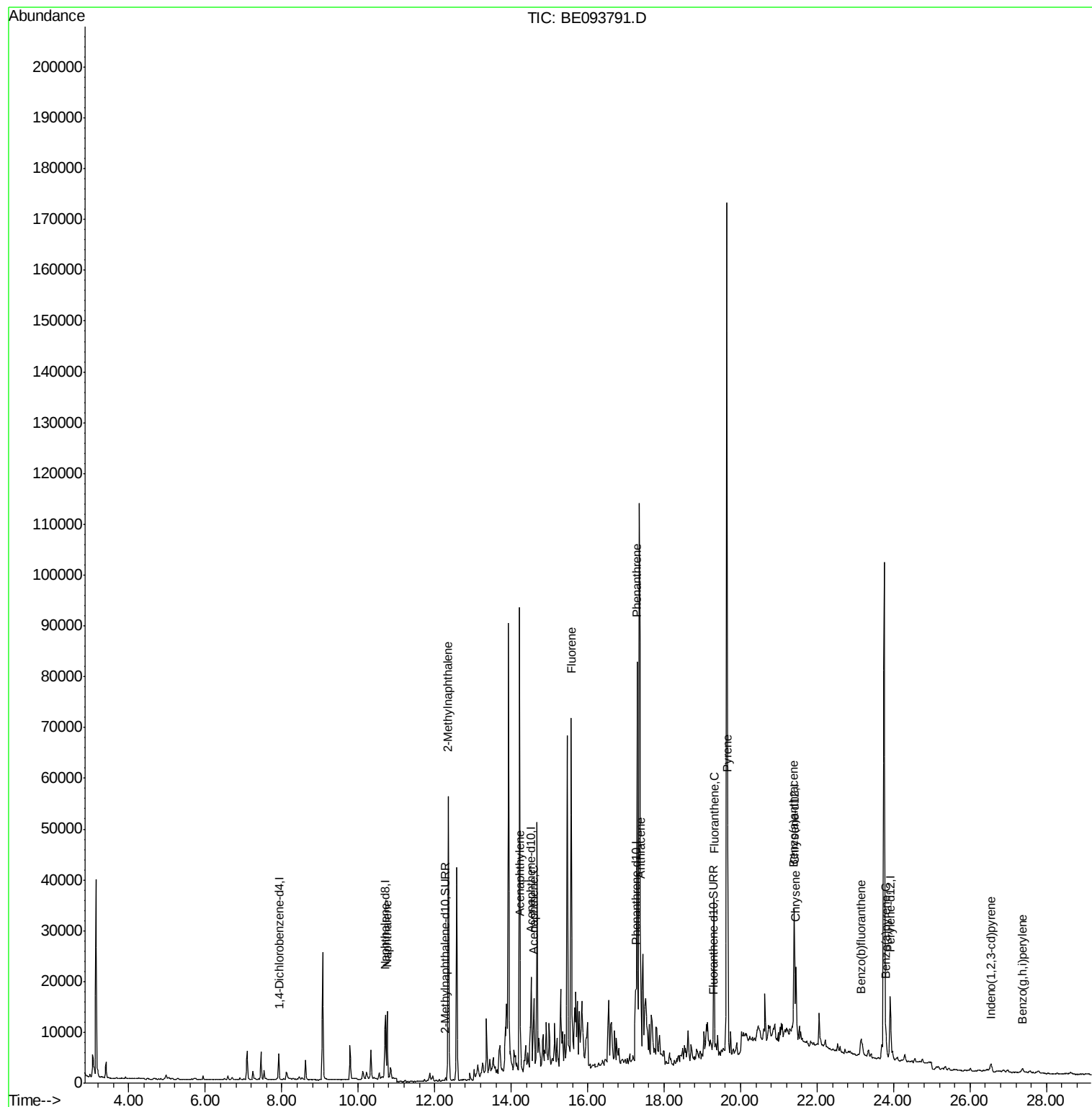
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
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ALS Vial : 10 Sample Multiplier: 1

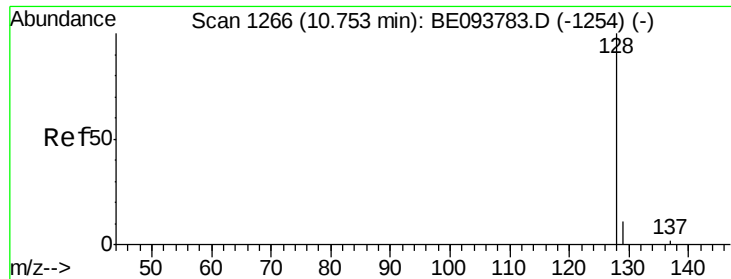
Instrument :
BNA_E
ClientSampleId :
C0AA9DL

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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QLast Update : Sat Aug 12 02:01:53 2017
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#3

Naphthalene

Concen: 0.614 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

Instrument :

BNA_E

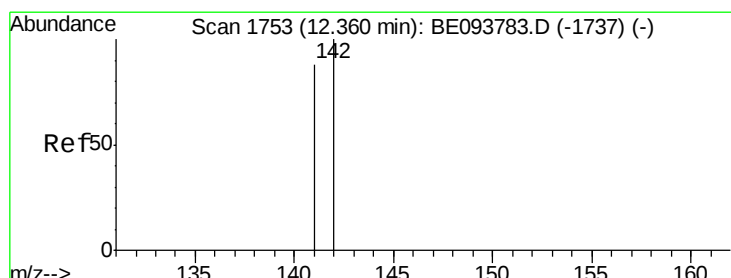
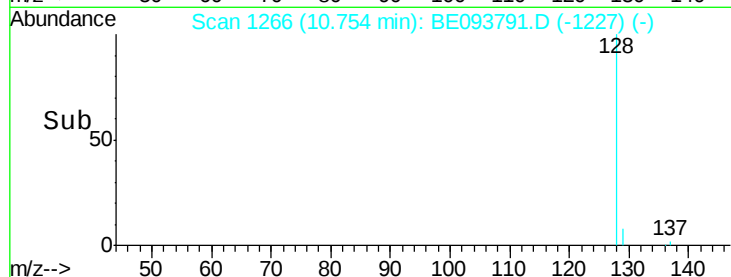
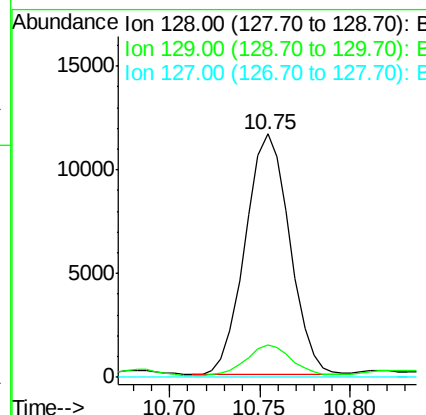
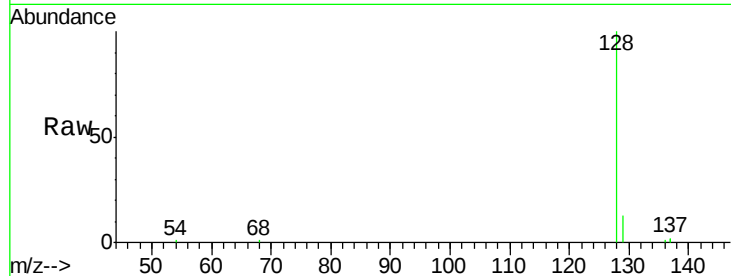
ClientSampleId :

C0AA9DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.3	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 2.013 ng/ul

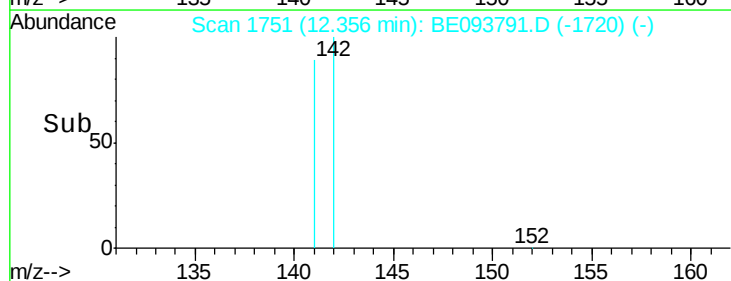
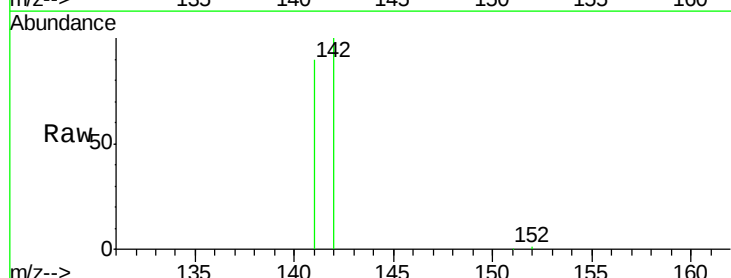
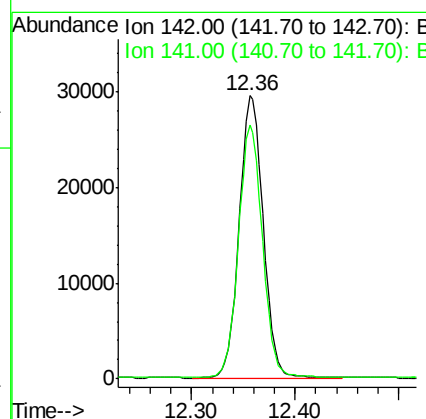
RT: 12.36 min Scan# 1751

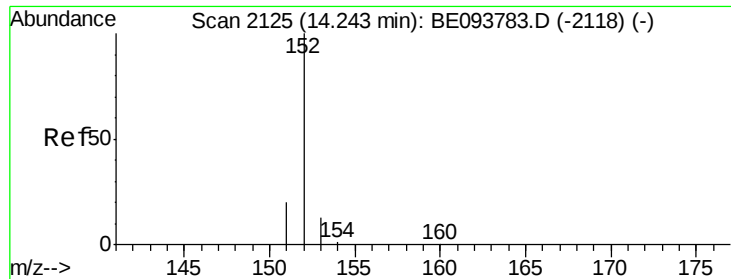
Delta R.T. -0.00 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.123 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

Instrument :

BNA_E

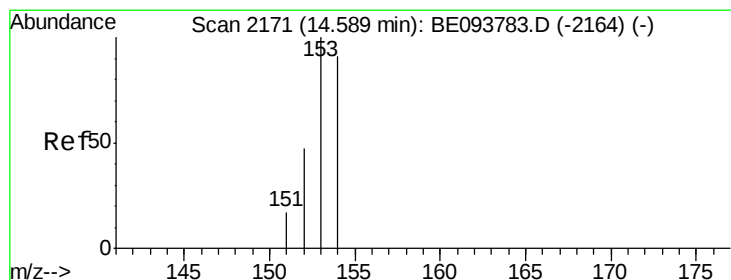
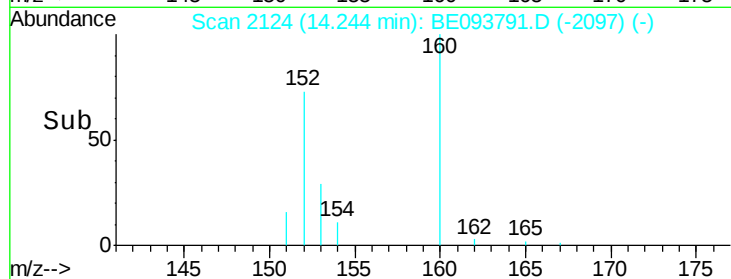
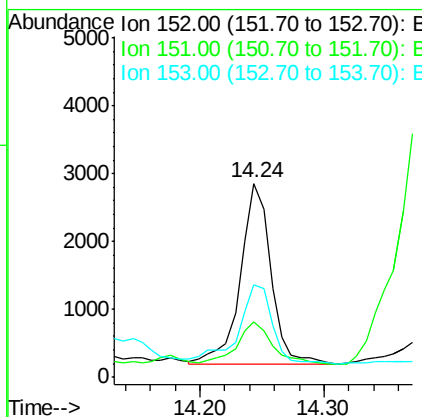
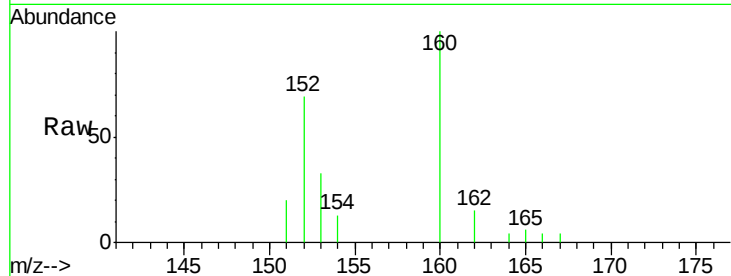
ClientSampleId :

C0AA9DL

Tgt Ion:	152	Resp:	4533
Ion Ratio	Lower	Upper	
152	100		
151	28.9	17.1	25.7#
153	47.6	12.8	19.2#

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#8

Acenaphthene

Concen: 0.293 ng/ul

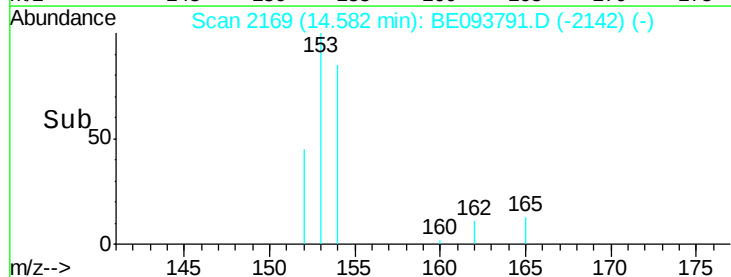
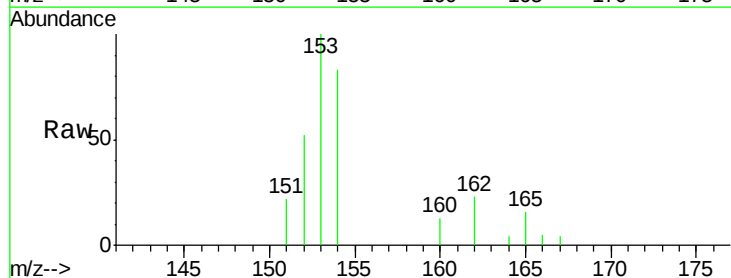
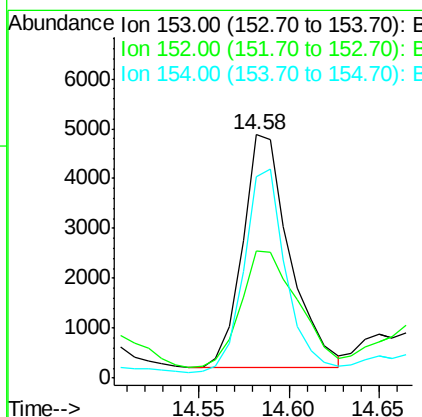
RT: 14.58 min Scan# 2169

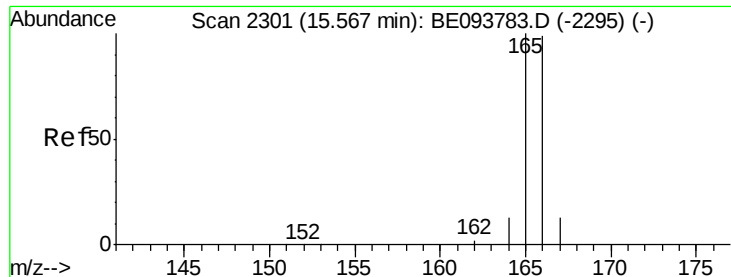
Delta R.T. 0.00 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

Tgt Ion:	153	Resp:	8493
Ion Ratio	Lower	Upper	
153	100		
152	52.4	40.3	60.5
154	82.9	71.4	107.2





#9

Fluorene

Concen: 1.140 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

Instrument :

BNA_E

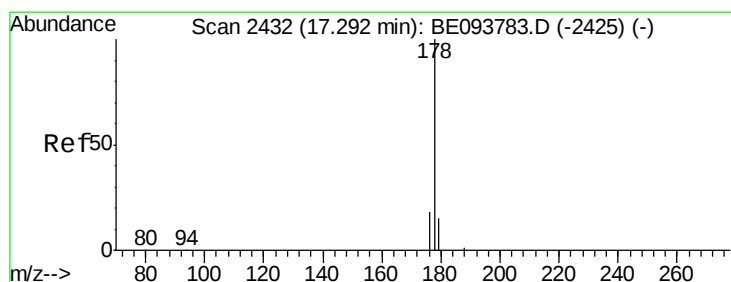
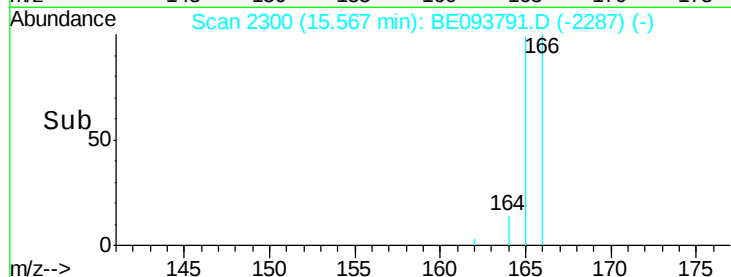
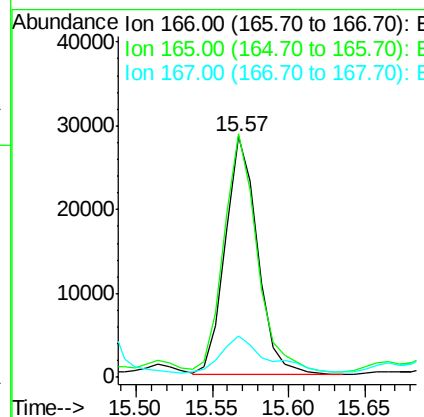
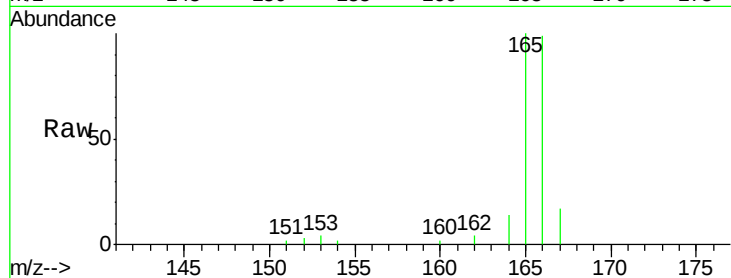
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	73.4	110.2
167	17.0	14.6	22.0

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#12

Phenanthrene

Concen: 1.679 ng/ul

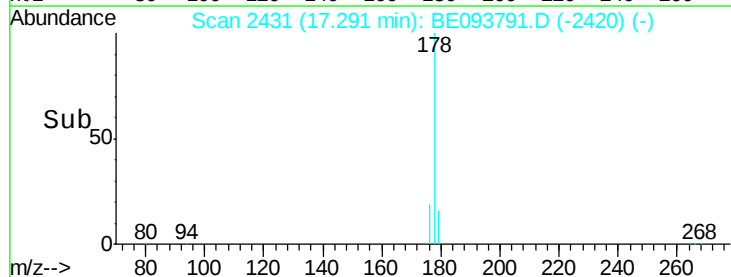
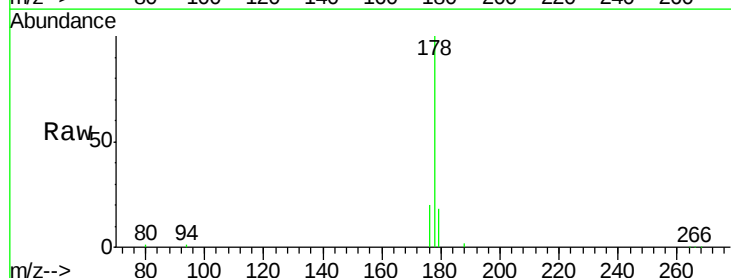
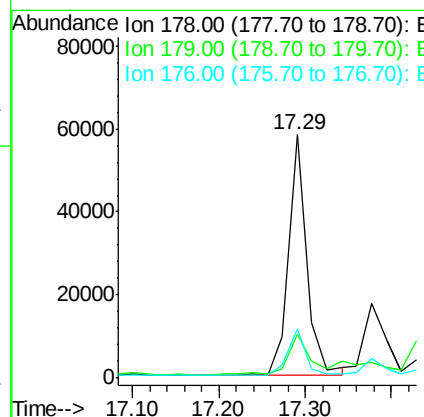
RT: 17.29 min Scan# 2431

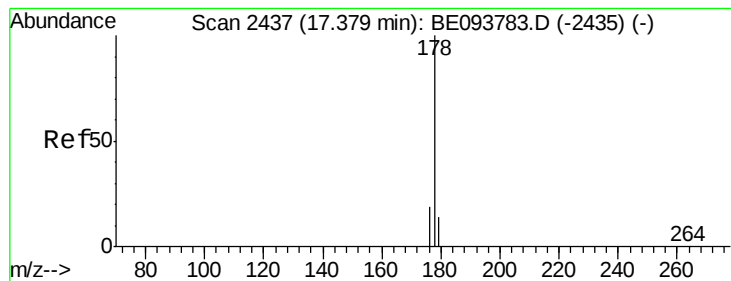
Delta R.T. -0.00 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.4	27.6#
176	20.0	13.6	20.4





#13

Anthracene

Concen: 0.653 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

Instrument :

BNA_E

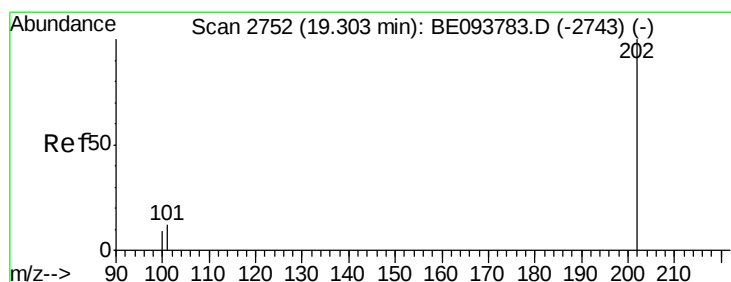
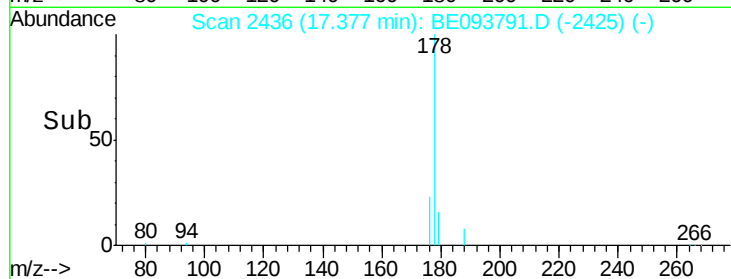
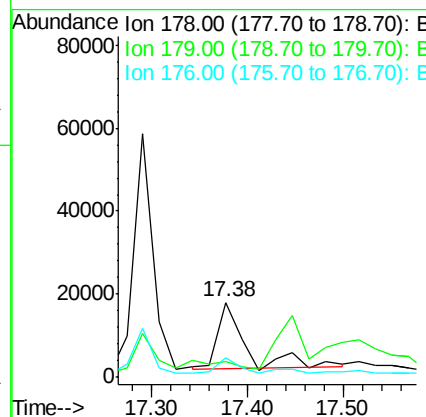
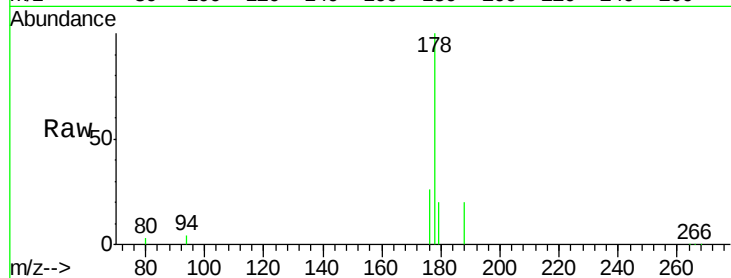
ClientSampleId :

C0AA9DL

Tgt Ion:	178	Resp:	33214
Ion Ratio	Lower	Upper	
178	100		
179	20.3	18.1	27.1
176	26.4	14.7	22.1#

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#15

Fluoranthene

Concen: 0.479 ng/ul

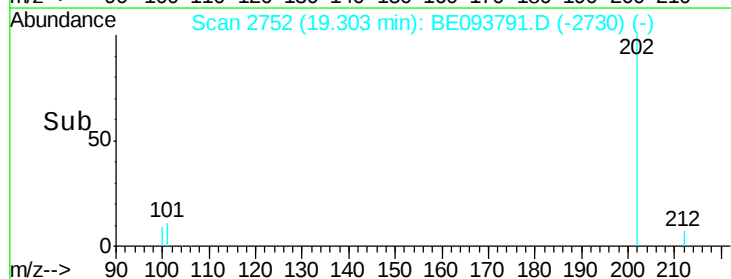
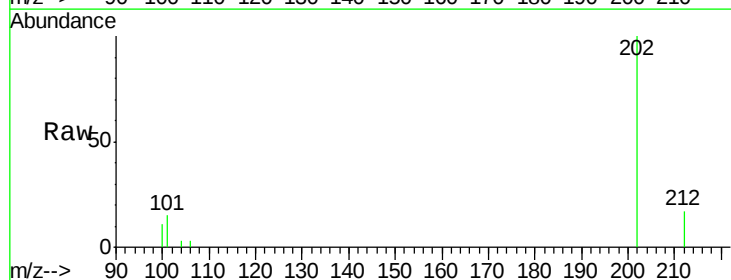
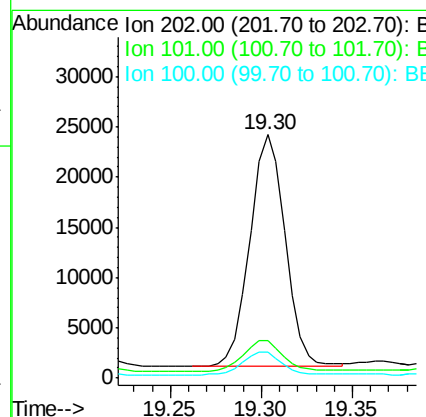
RT: 19.30 min Scan# 2752

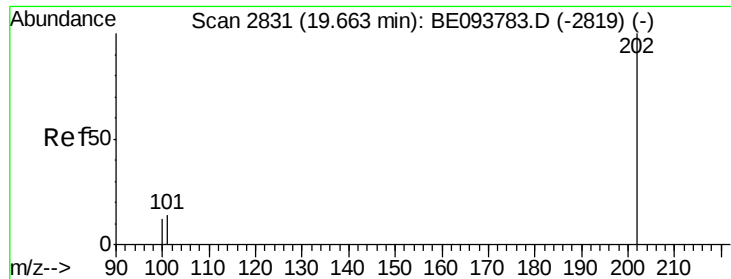
Delta R.T. 0.00 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

Tgt Ion:	202	Resp:	31256
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	30.3
100	10.7	0.0	39.5





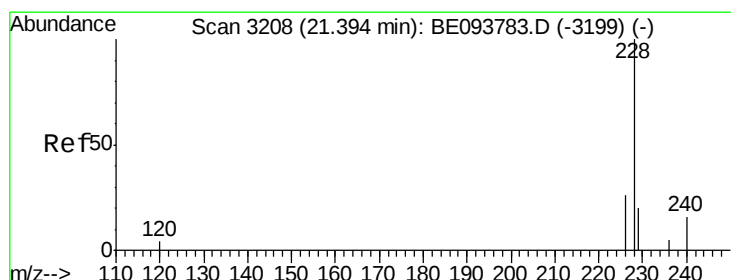
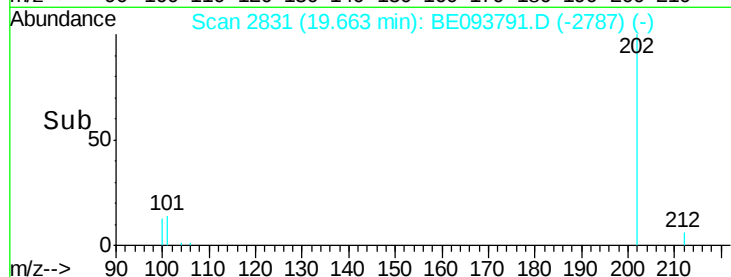
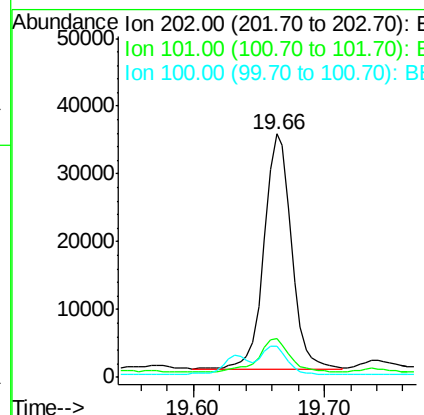
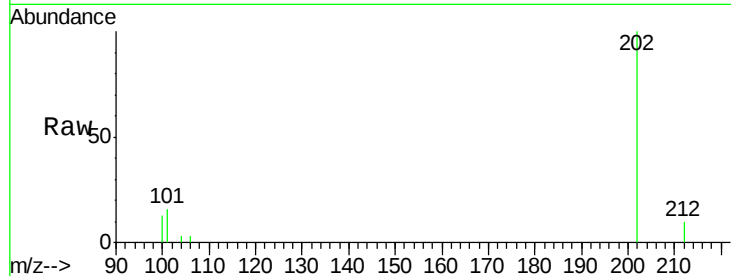
#17
Pyrene
Concen: 0.863 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE093791.D
Acq: 14 Aug 2017 17:37

Instrument :
BNA_E
ClientSampleId :
C0AA9DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.8	18.2	27.4#
100	13.0	15.6	23.4#

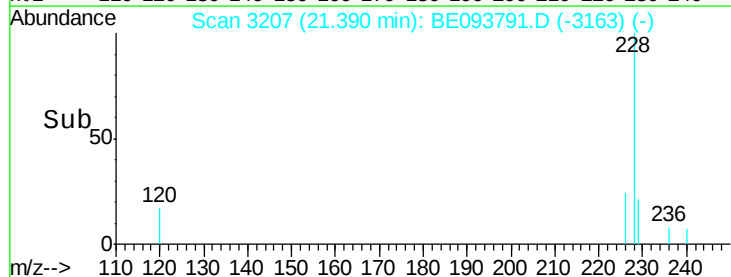
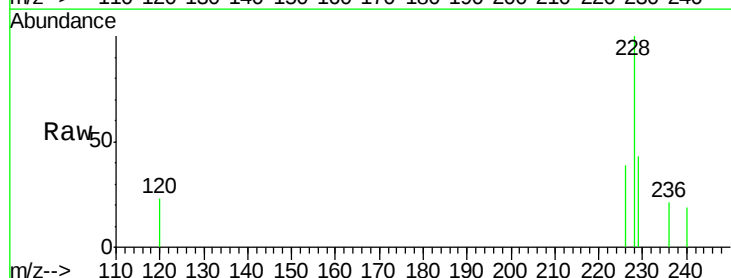
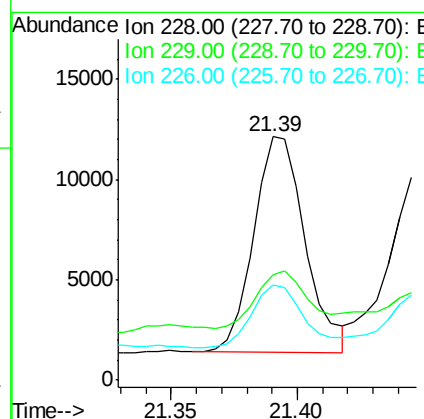
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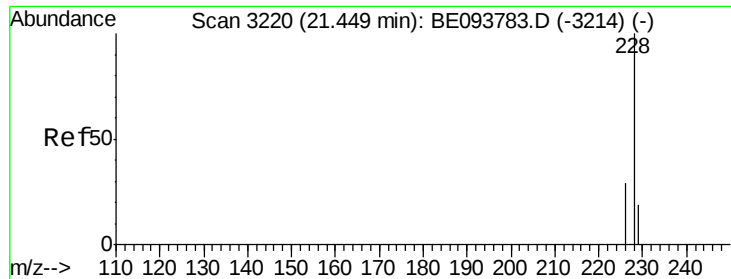
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#18
Benzo(a)anthracene
Concen: 0.264 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE093791.D
Acq: 14 Aug 2017 17:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	43.2	22.8	34.2#
226	39.3	17.0	25.6#





#19

Chrysene

Concen: 0.257 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

Instrument :

BNA_E

ClientSampleId :

C0AA9DL

Tgt Ion:228 Resp: 14127

Ion Ratio Lower Upper

228 100

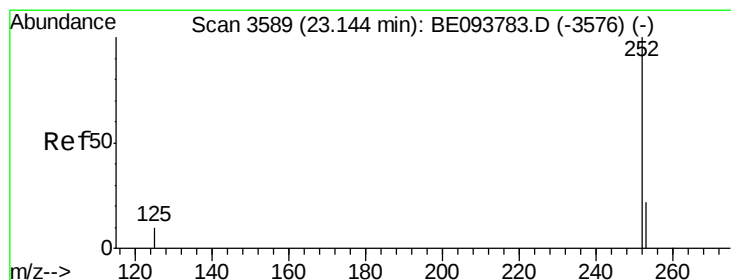
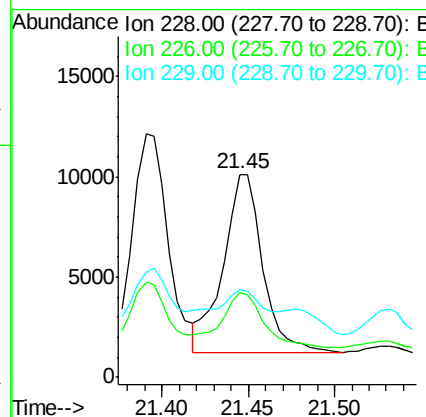
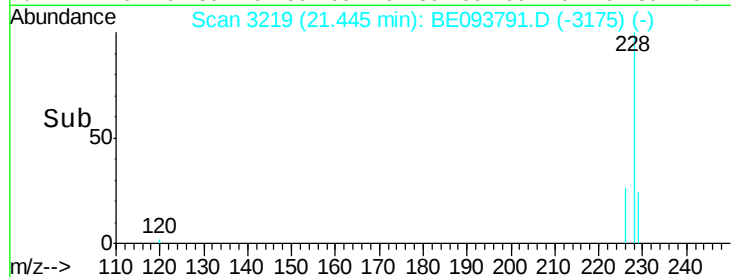
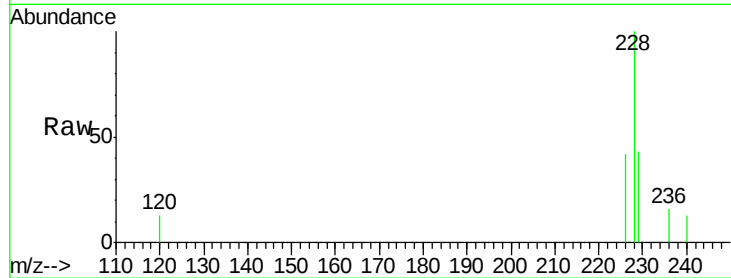
226 41.9 23.4 35.0#

229 43.1 17.7 26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.110 ng/ul m

RT: 23.15 min Scan# 3590

Delta R.T. 0.01 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

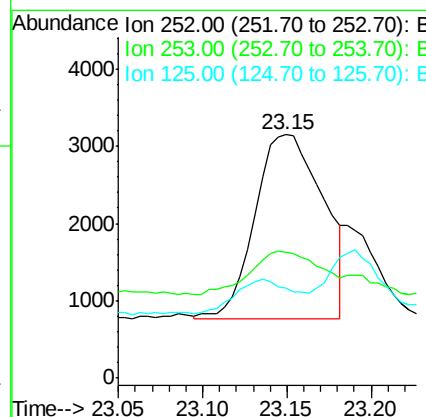
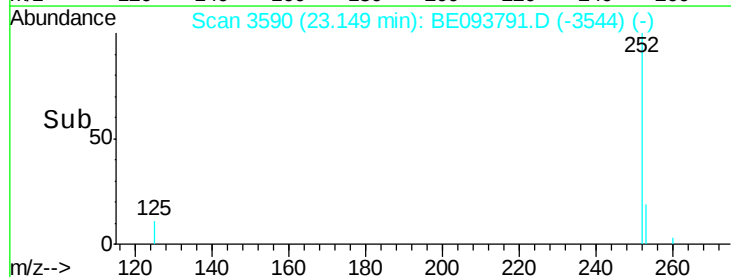
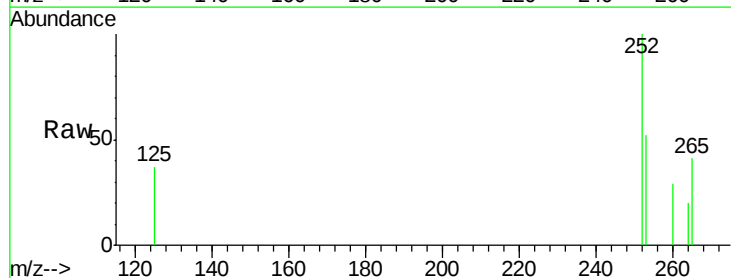
Tgt Ion:252 Resp: 6736

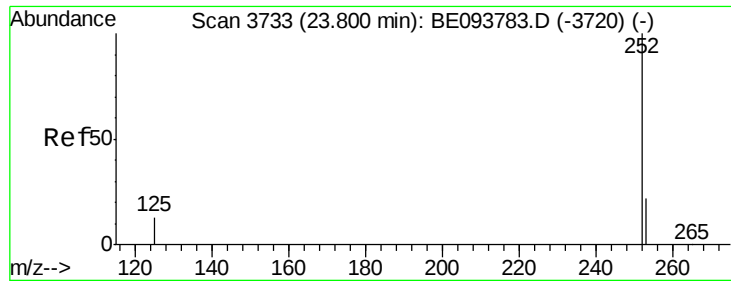
Ion Ratio Lower Upper

252 100

253 51.5 0.0 64.2

125 36.8 0.0 35.0#





#23

Benzo(a)pyrene

Concen: 0.128 ng/ul

RT: 23.80 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

Instrument :

BNA_E

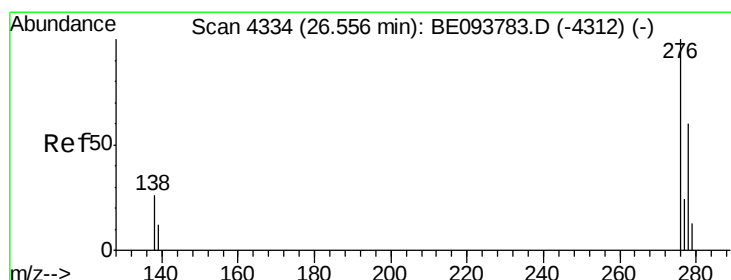
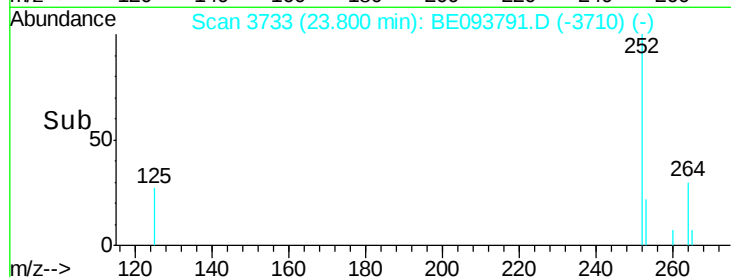
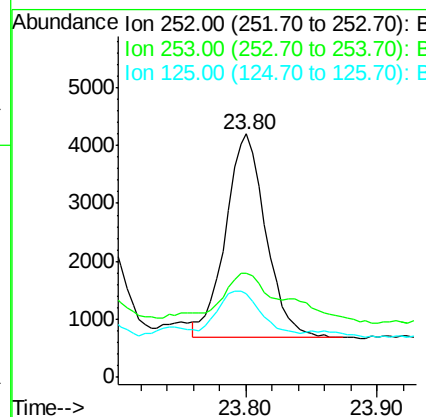
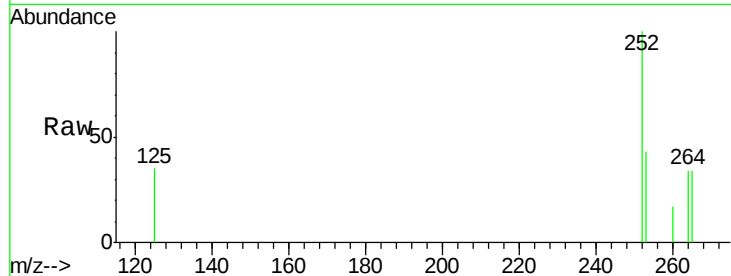
ClientSampled :

C0AA9DL

Tgt Ion:	252	Resp:	7454
Ion Ratio	Lower	Upper	
252	100		
253	42.7	28.5	42.7
125	34.5	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.045 ng/ul

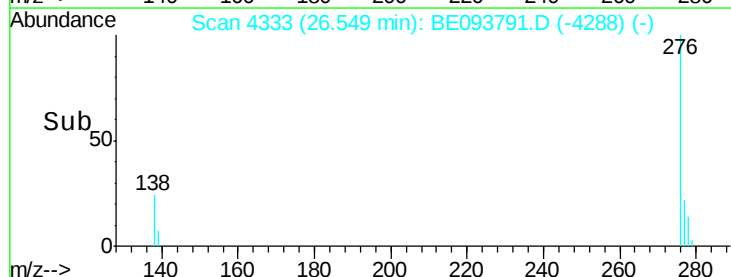
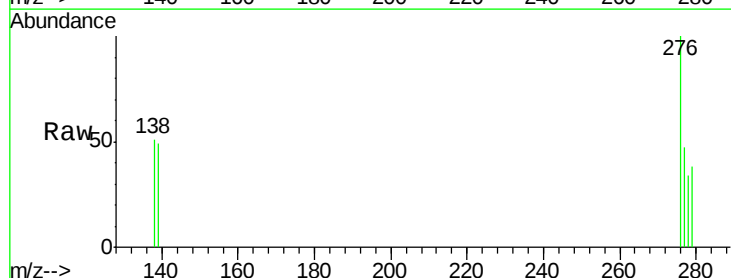
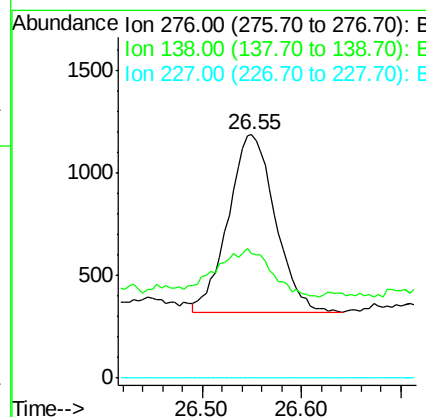
RT: 26.55 min Scan# 4333

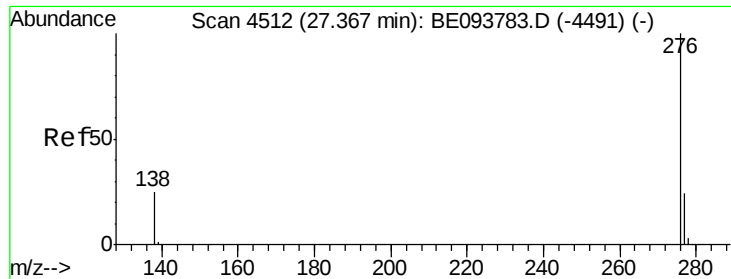
Delta R.T. 0.00 min

Lab File: BE093791.D

Acq: 14 Aug 2017 17:37

Tgt Ion:	276	Resp:	2868
Ion Ratio	Lower	Upper	
276	100		
138	32.0	28.0	42.0
227	0.0	8.0	12.0#





#26

Benzo(g,h,i)perylene

Concen: 0.036 ng/ul

RT: 27.37 min Scan# 4513

Delta R.T. 0.00 min

Lab File: BE093791.D

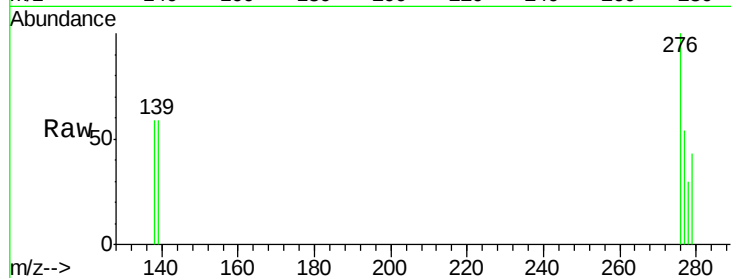
Acq: 14 Aug 2017 17:37

Instrument :

BNA_E

ClientSampleId :

C0AA9DL



Tgt Ion: 276 Resp: 1942

Ion Ratio Lower Upper

276 100

138 59.4 21.8 32.8#

277 53.8 20.5 30.7#

Manual Integrations
APPROVED

Sohil

8/15/2017 6:43:24 PM

