

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093754.D
 Acq On : 10 Aug 2017 20:11
 Operator : SJ/JU
 Sample : I4455-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE9

Manual Integrations
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Quant Time: Aug 11 18:24:23 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3353	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	17096	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	12171	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	23629	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23688	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	20457m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	5322	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10742	0.14	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.76	128	63188	1.519	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	125078	4.123	ng/ul	99
7) Acenaphthylene	14.25	152	7006	0.138	ng/ul#	35
8) Acenaphthene	14.59	153	14605	0.365	ng/ul	96
9) Fluorene	15.57	166	77668	1.534	ng/ul	94
11) Pentachlorophenol	16.91	266	689	0.177	ng/ul#	84
12) Phenanthrene	17.29	178	104616	1.626	ng/ul#	91
13) Anthracene	17.38	178	32959	0.526	ng/ul#	79
15) Fluoranthene	19.30	202	29998	0.373	ng/ul	82
17) Pyrene	19.66	202	49728	0.719	ng/ul#	88
18) Benzo(a)anthracene	21.40	228	16056	0.234	ng/ul#	52
19) Chrysene	21.45	228	14523	0.220	ng/ul#	51
21) Benzo(b)fluoranthene	23.15	252	7272	0.115	ng/ul	60
23) Benzo(a)pyrene	23.81	252	8857m	0.147	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	3784m	0.068	ng/ul	

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

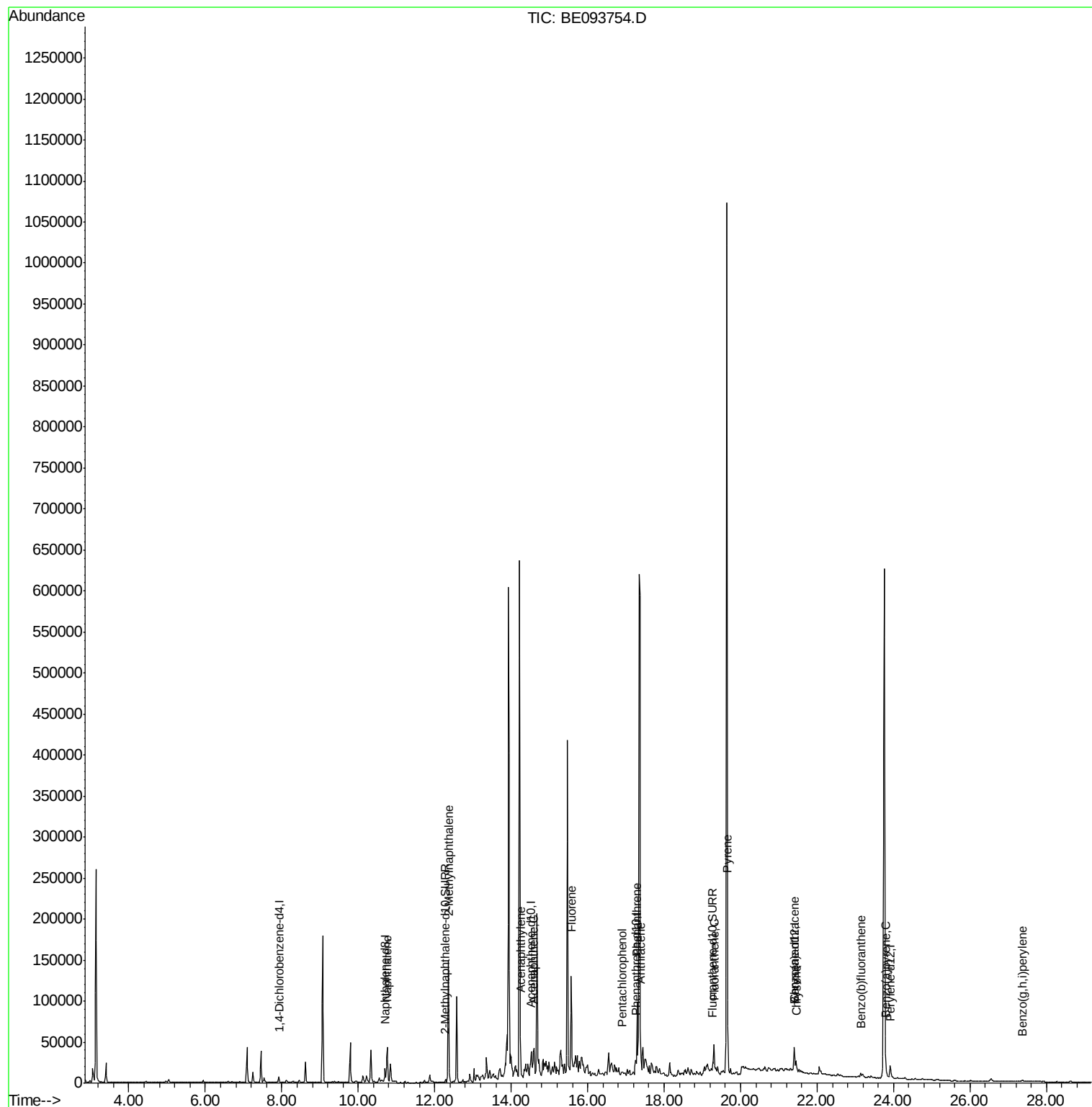
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093754.D
Acq On : 10 Aug 2017 20:11
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

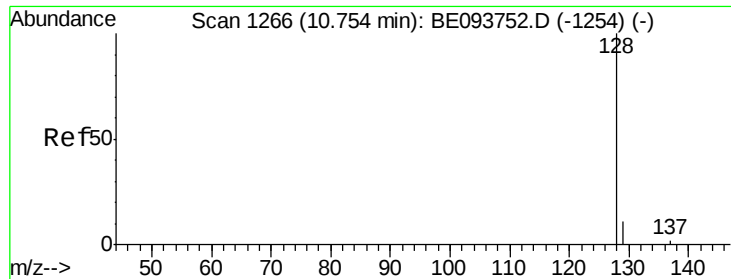
Instrument :
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QLast Update : Fri Aug 11 06:07:04 2017
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#3

Naphthalene

Concen: 1.519 ng/ul

RT: 10.76 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093754.D

Acq: 10 Aug 2017 20:11

Instrument :

BNA_E

ClientSampleId :

C0AE9

Tgt Ion:128 Resp: 63188

Ion Ratio Lower Upper

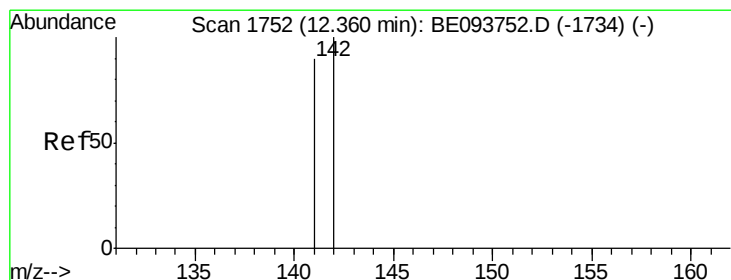
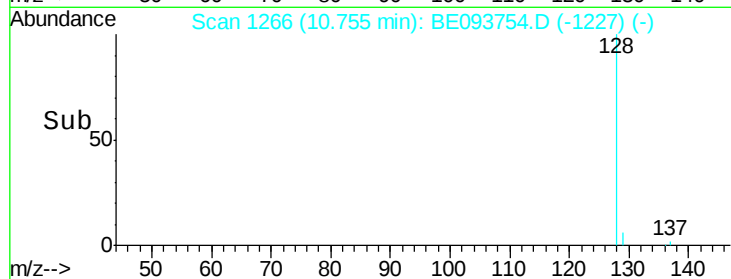
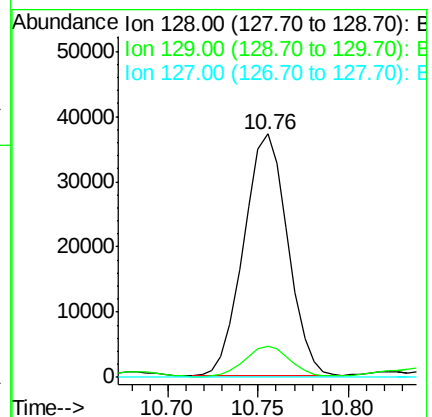
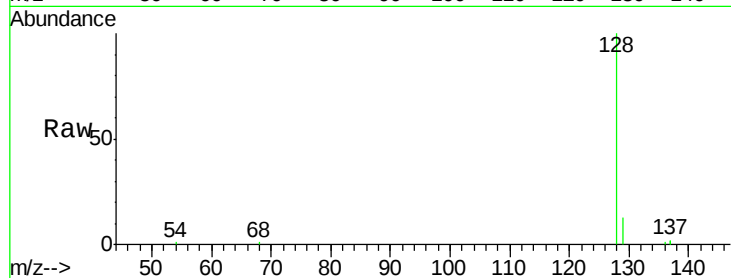
128 100

129 12.9 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 4.123 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093754.D

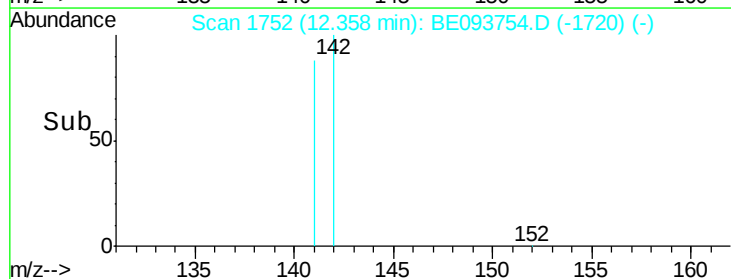
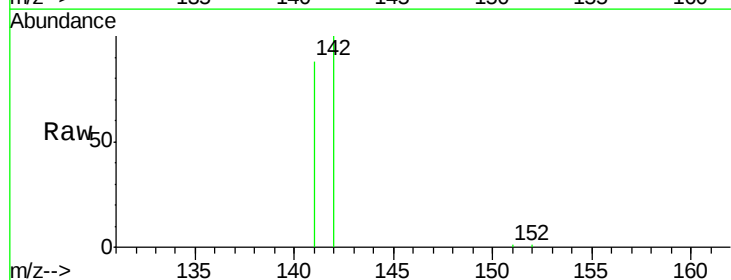
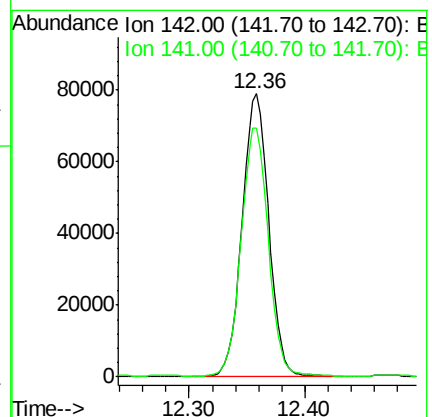
Acq: 10 Aug 2017 20:11

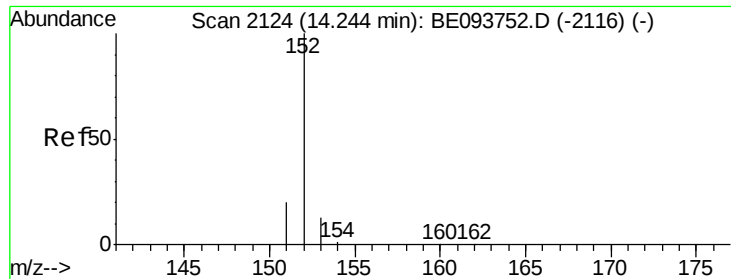
Tgt Ion:142 Resp: 125078

Ion Ratio Lower Upper

142 100

141 90.0 72.6 108.8





#7

Acenaphthylene

Concen: 0.138 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE093754.D

Acq: 10 Aug 2017 20:11

Instrument :

BNA_E

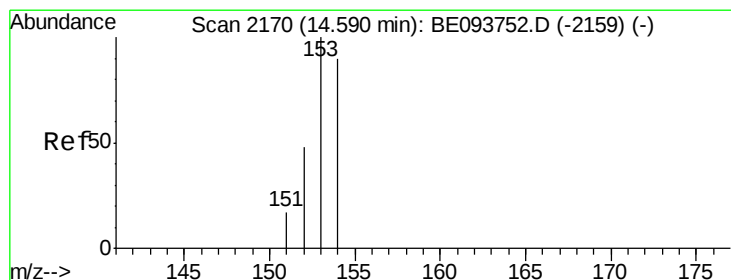
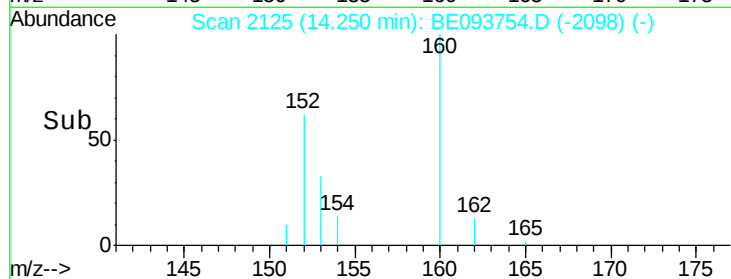
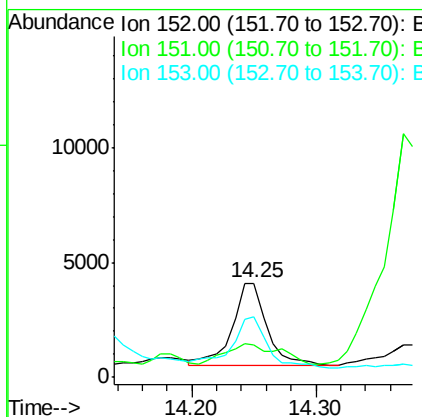
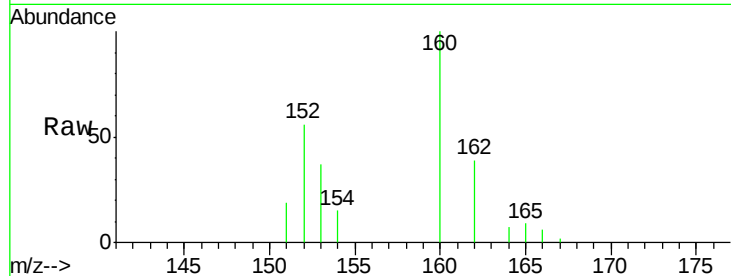
ClientSampleId :

C0AE9

Tgt Ion:	152	Resp:	7006
Ion Ratio	Lower	Upper	
152	100		
151	34.1	17.1	25.7#
153	64.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.365 ng/ul

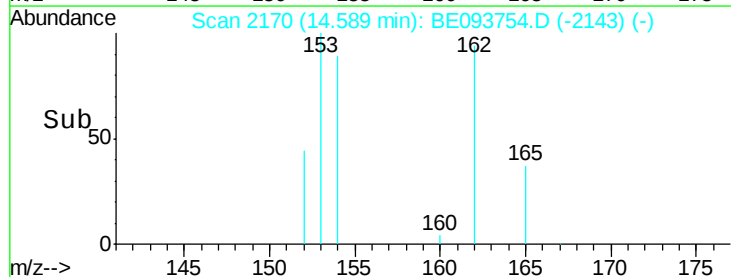
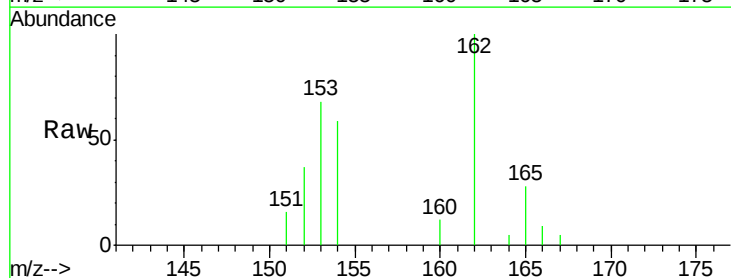
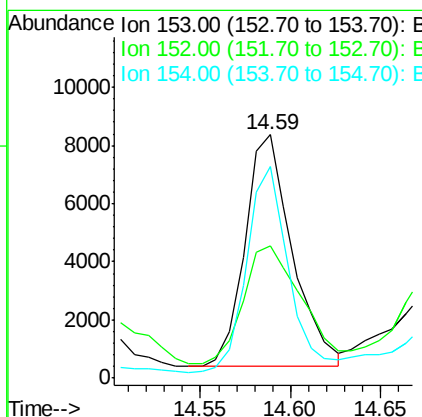
RT: 14.59 min Scan# 2170

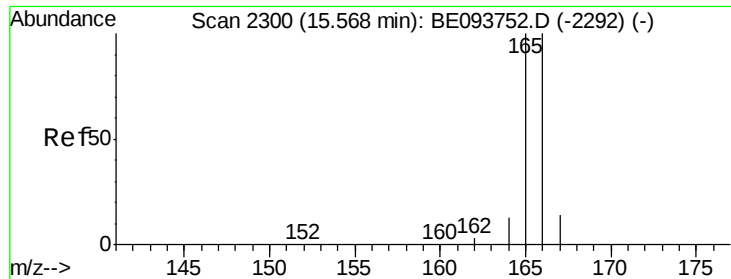
Delta R.T. 0.01 min

Lab File: BE093754.D

Acq: 10 Aug 2017 20:11

Tgt Ion:	153	Resp:	14605
Ion Ratio	Lower	Upper	
153	100		
152	54.5	40.3	60.5
154	86.8	71.4	107.2





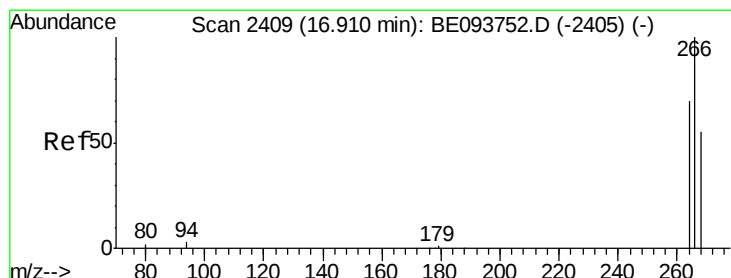
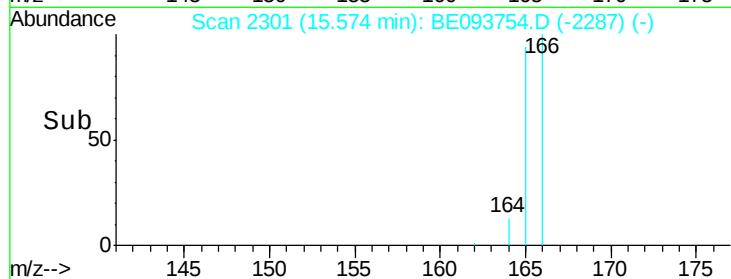
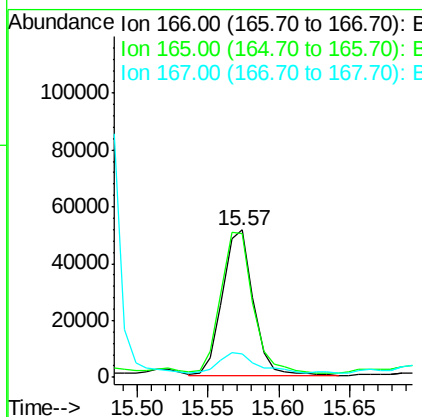
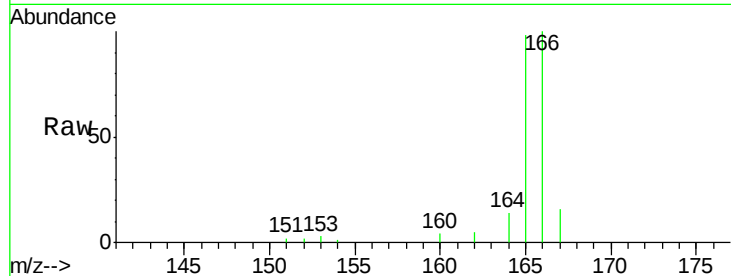
#9
Fluorene
 Concen: 1.534 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: BE093754.D
 Acq: 10 Aug 2017 20:11

Instrument :
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 ClientSampleId :
 C0AE9

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	73.4	110.2
167	16.2	14.6	22.0

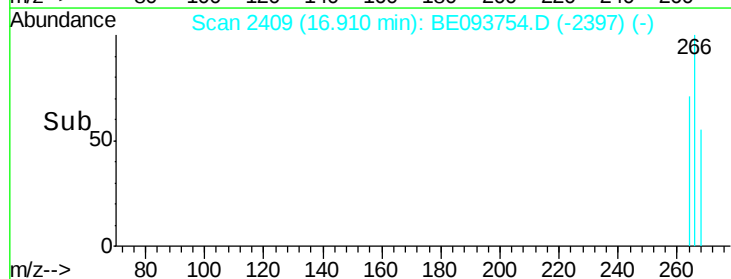
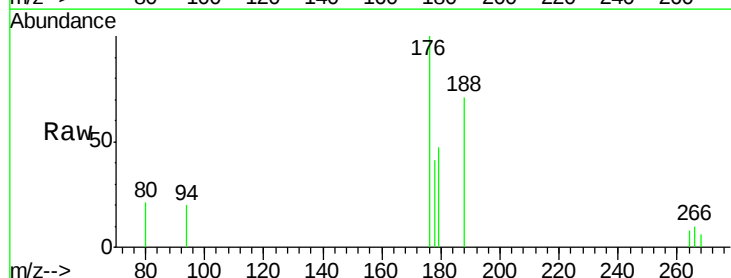
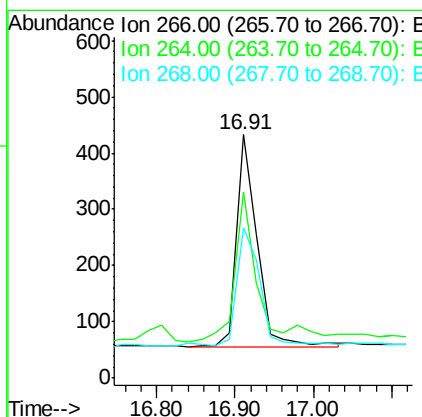
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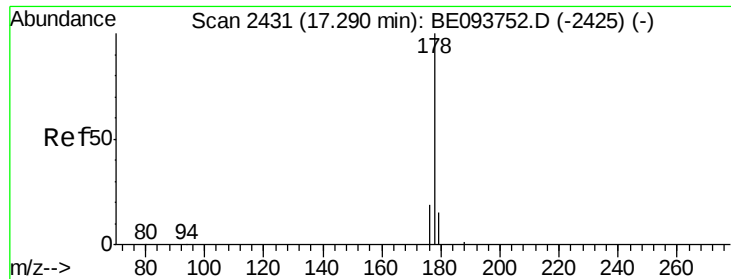
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#11
Pentachlorophenol
 Concen: 0.177 ng/ul
 RT: 16.91 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BE093754.D
 Acq: 10 Aug 2017 20:11

Tgt Ion	Ratio	Lower	Upper
266	100		
264	81.9	47.9	71.9#
268	64.7	49.8	74.8





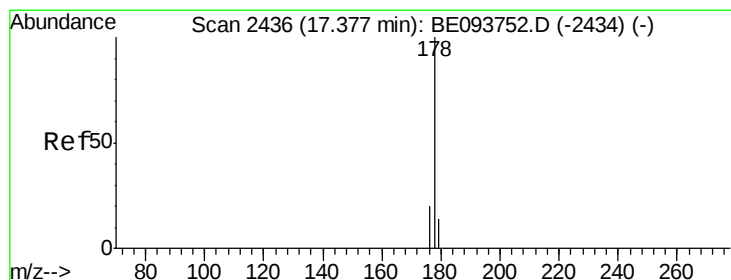
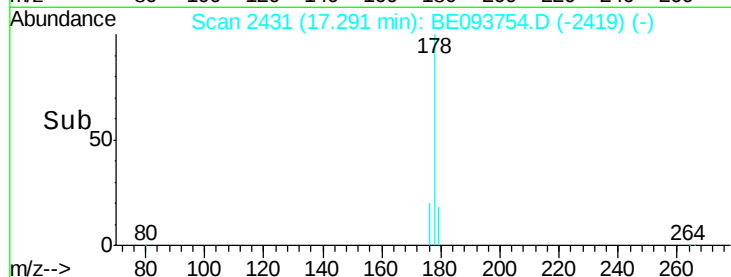
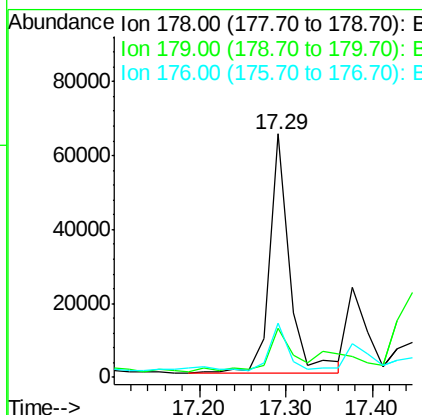
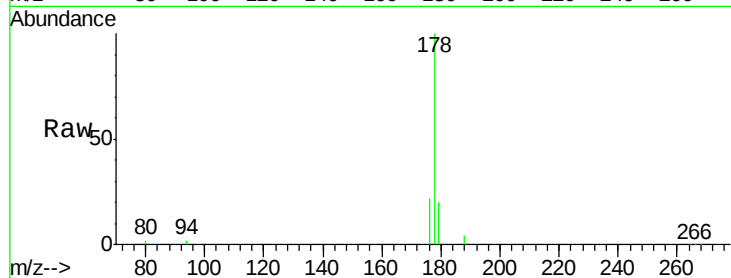
#12
Phenanthrene
Concen: 1.626 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093754.D
Acq: 10 Aug 2017 20:11

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:178 Resp: 104616
Ion Ratio Lower Upper
178 100
179 20.2 18.4 27.6
176 22.4 13.6 20.4#

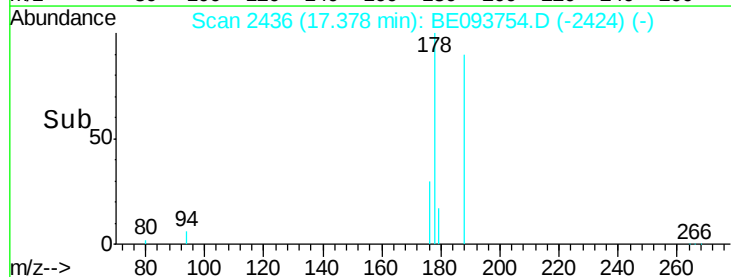
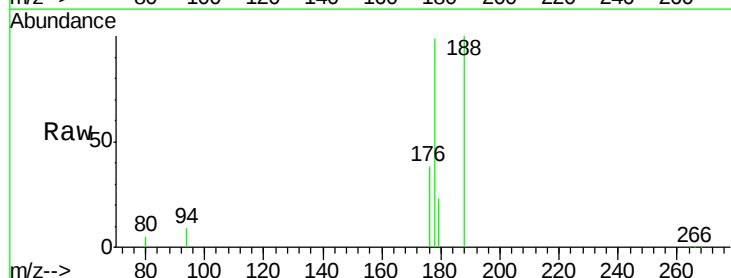
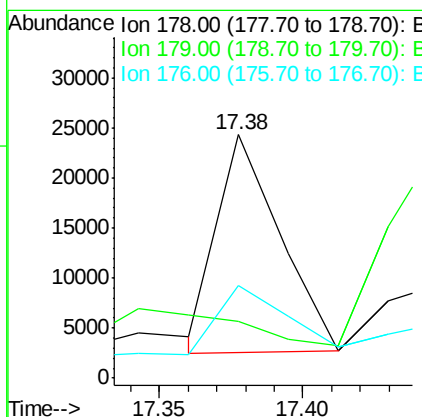
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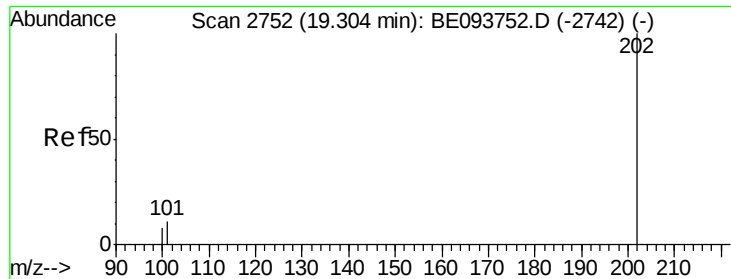
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#13
Anthracene
Concen: 0.526 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BE093754.D
Acq: 10 Aug 2017 20:11

Tgt Ion:178 Resp: 32959
Ion Ratio Lower Upper
178 100
179 23.5 18.1 27.1
176 38.1 14.7 22.1#





#15

Fluoranthene

Concen: 0.373 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BE093754.D

Acq: 10 Aug 2017 20:11

Instrument :

BNA_E

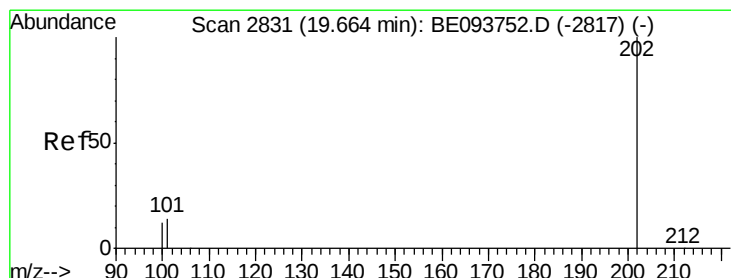
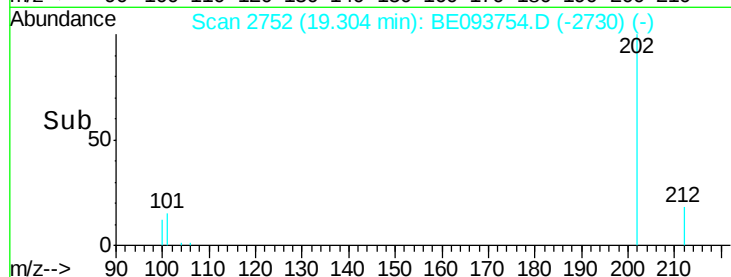
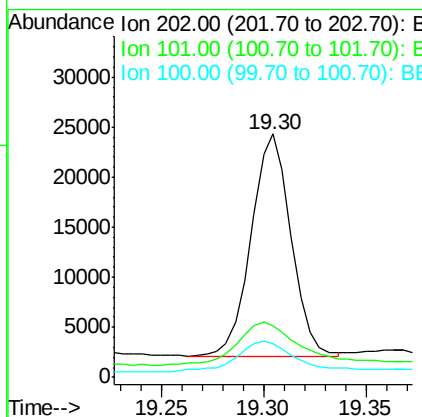
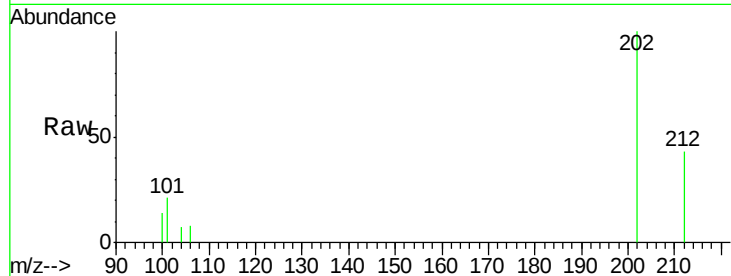
ClientSampleId :

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Tgt Ion:	202	Resp:	29998
Ion Ratio	Lower	Upper	
202	100		
101	21.3	0.0	30.3
100	13.8	0.0	39.5

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#17

Pyrene

Concen: 0.719 ng/ul

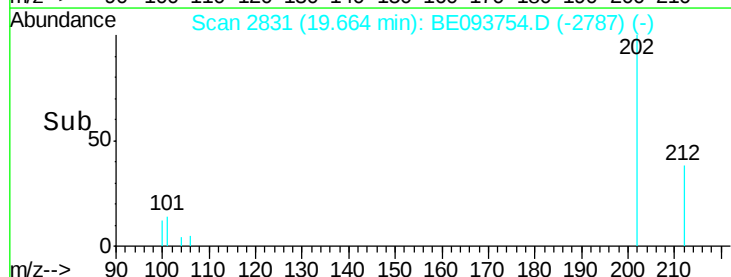
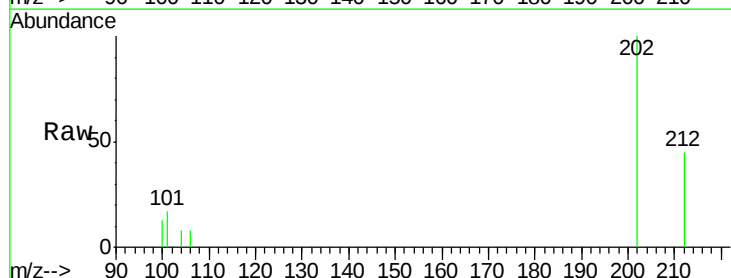
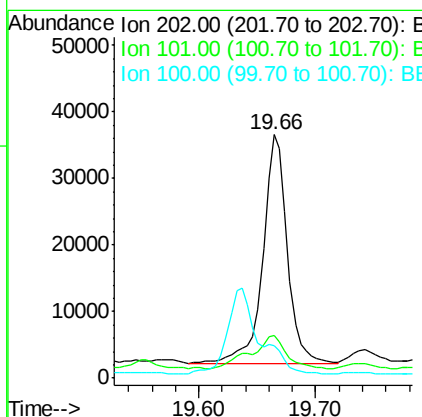
RT: 19.66 min Scan# 2831

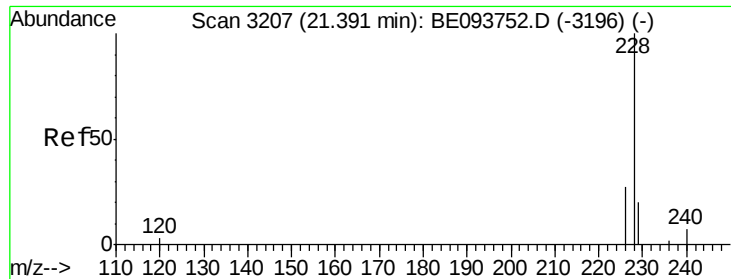
Delta R.T. 0.00 min

Lab File: BE093754.D

Acq: 10 Aug 2017 20:11

Tgt Ion:	202	Resp:	49728
Ion Ratio	Lower	Upper	
202	100		
101	17.3	18.2	27.4#
100	13.4	15.6	23.4#





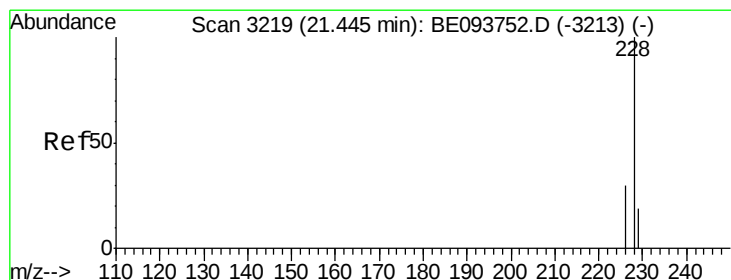
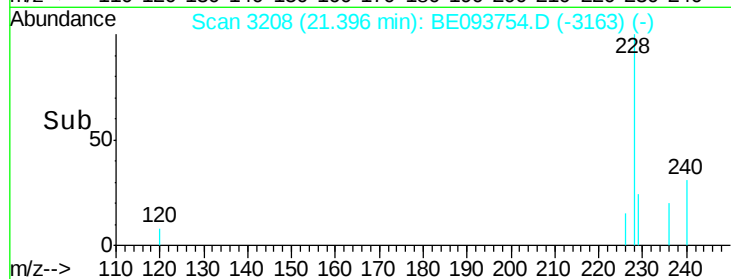
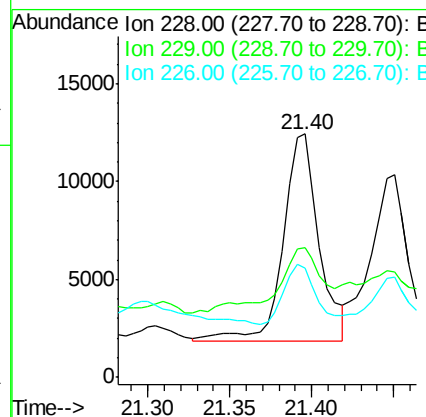
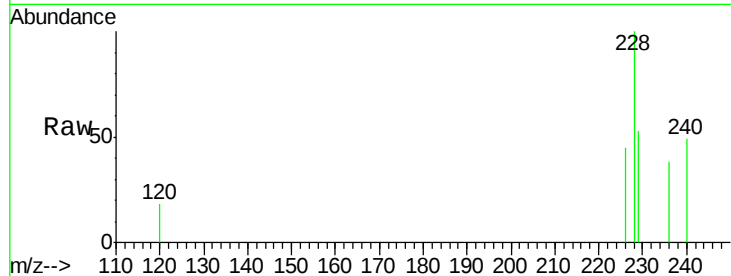
#18
Benzo(a)anthracene
Concen: 0.234 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BE093754.D
Acq: 10 Aug 2017 20:11

Instrument :
BNA_E
ClientSampleId :
C0AE9

Tgt Ion	Ratio	Lower	Upper
228	100		
229	53.3	22.8	34.2#
226	45.0	17.0	25.6#

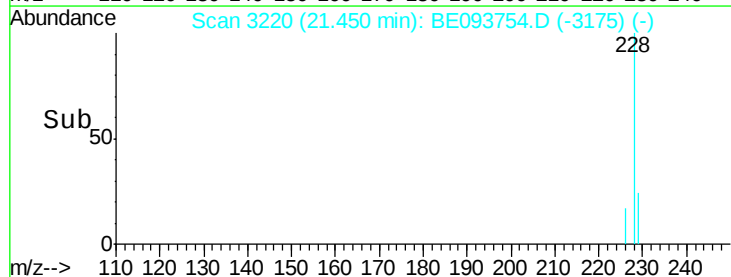
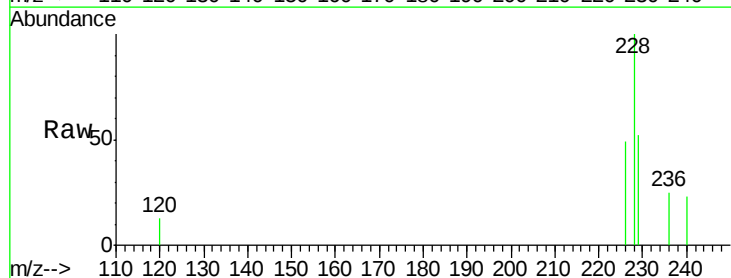
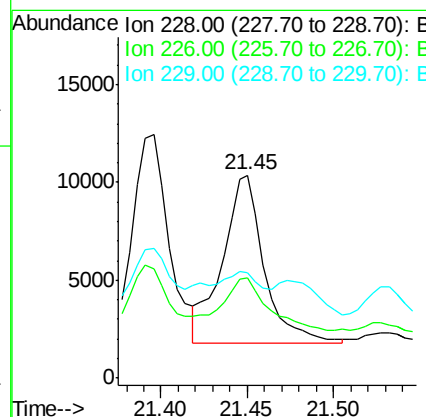
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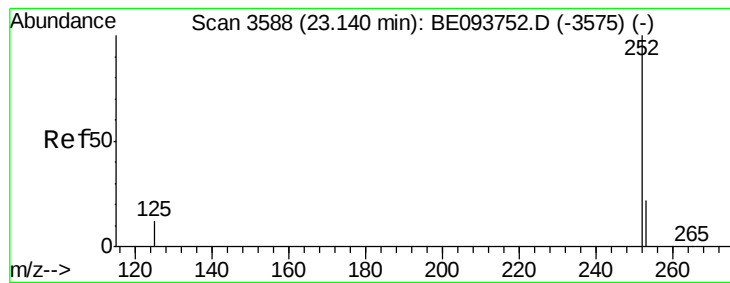
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#19
Chrysene
Concen: 0.220 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. 0.01 min
Lab File: BE093754.D
Acq: 10 Aug 2017 20:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	49.5	23.4	35.0#
229	52.1	17.7	26.5#





#21

Benzo(b)fluoranthene

Concen: 0.115 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. 0.01 min

Lab File: BE093754.D

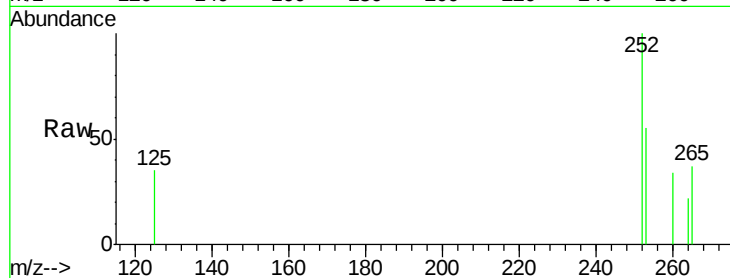
Acq: 10 Aug 2017 20:11

Instrument :

BNA_E

ClientSampleId :

C0AE9



Tgt Ion: 252 Resp: 7272

Ion Ratio Lower Upper

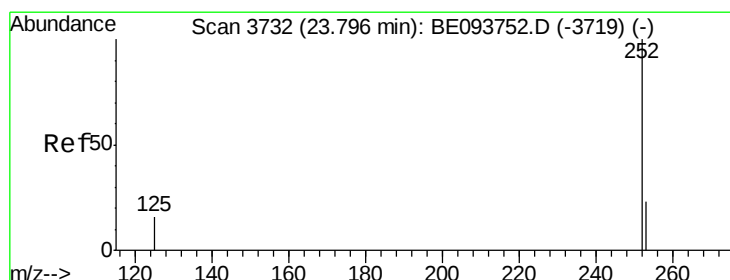
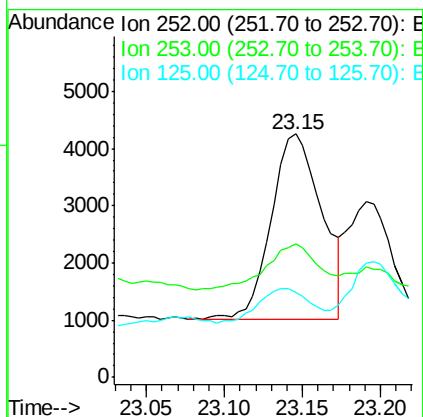
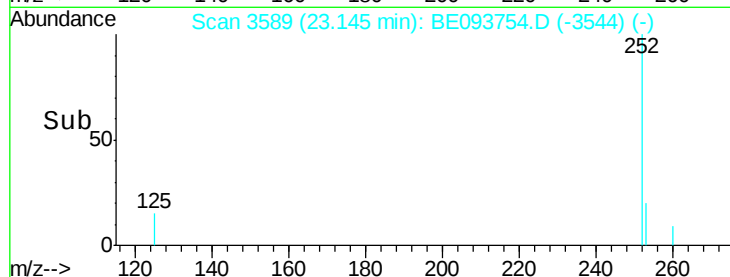
252 100

253 55.0 0.0 64.2

125 34.8 0.0 35.0

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#23

Benzo(a)pyrene

Concen: 0.147 ng/ul m

RT: 23.81 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BE093754.D

Acq: 10 Aug 2017 20:11

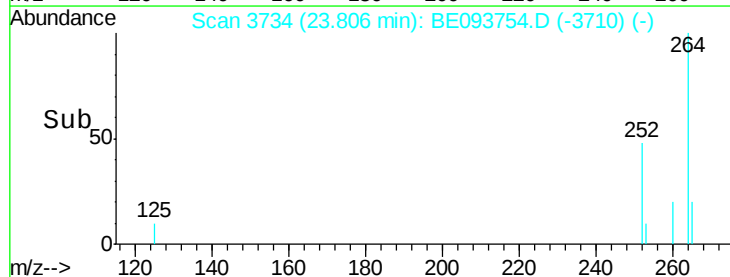
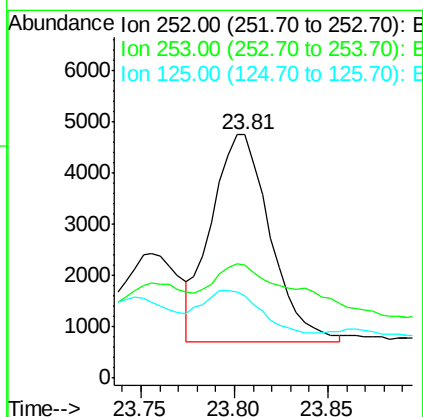
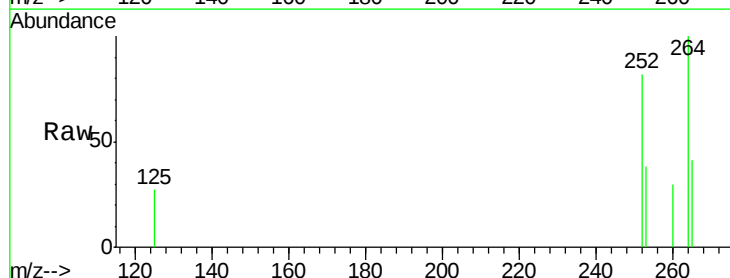
Tgt Ion: 252 Resp: 8857

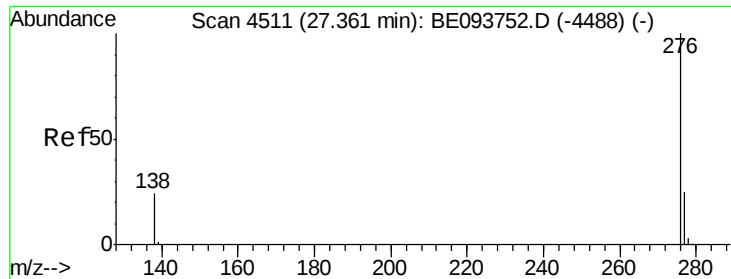
Ion Ratio Lower Upper

252 100

253 46.6 28.5 42.7#

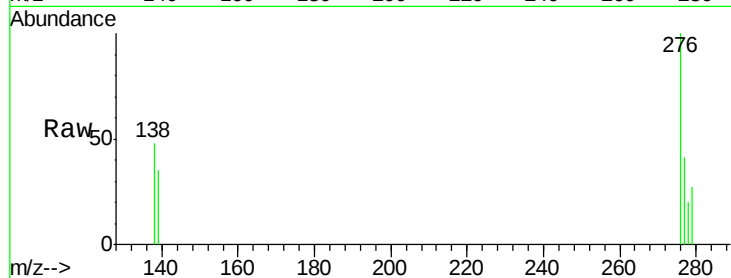
125 33.6 18.1 27.1#





#26
 Benzo(g,h,i)perylene
 Concen: 0.068 ng/ul m
 RT: 27.36 min Scan# 4511
 Delta R.T. -0.00 min
 Lab File: BE093754.D
 Acq: 10 Aug 2017 20:11

Instrument :
 BNA_E
 ClientSampleId :
 C0AE9



Tgt Ion	Ratio	Lower	Upper
276	100		
138	47.6	21.8	32.8#
277	41.4	20.5	30.7#

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:03:18 PM

