

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094564.D
 Acq On : 26 Oct 2017 16:13
 Operator : SJ/JU
 Sample : I5719-15 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-26(5-5.8)-100517

Manual Integrations
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 10/27/2017 5:34:49 PM

Quant Time: Oct 27 08:20:12 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1318	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6680	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	3877	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8427	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8411	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8700	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	670	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1190	0.05	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.74	128	12428	0.761	ng/ul#	89
5) 2-Methylnaphthalene	12.34	142	3677	0.322	ng/ul	97
7) Acenaphthylene	14.23	152	2191	0.125	ng/ul#	73
8) Acenaphthene	14.57	153	1852	0.147	ng/ul	91
9) Fluorene	15.57	166	2171	0.153	ng/ul#	88
12) Phenanthrene	17.29	178	41960	1.885	ng/ul#	92
13) Anthracene	17.38	178	7780	0.354	ng/ul	93
15) Fluoranthene	19.31	202	65505	2.546	ng/ul	84
17) Pyrene	19.67	202	62196	2.392	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	32784	1.363	ng/ul#	89
19) Chrysene	21.46	228	35265	1.419	ng/ul	96
21) Benzo(b)fluoranthene	23.18	252	39976m	1.633	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	14467m	0.552	ng/ul	
23) Benzo(a)pyrene	23.84	252	27899	1.140	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.65	276	18544	0.733	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	5180	0.243	ng/ul#	62
26) Benzo(g,h,i)perylene	27.48	276	16496	0.812	ng/ul	94

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

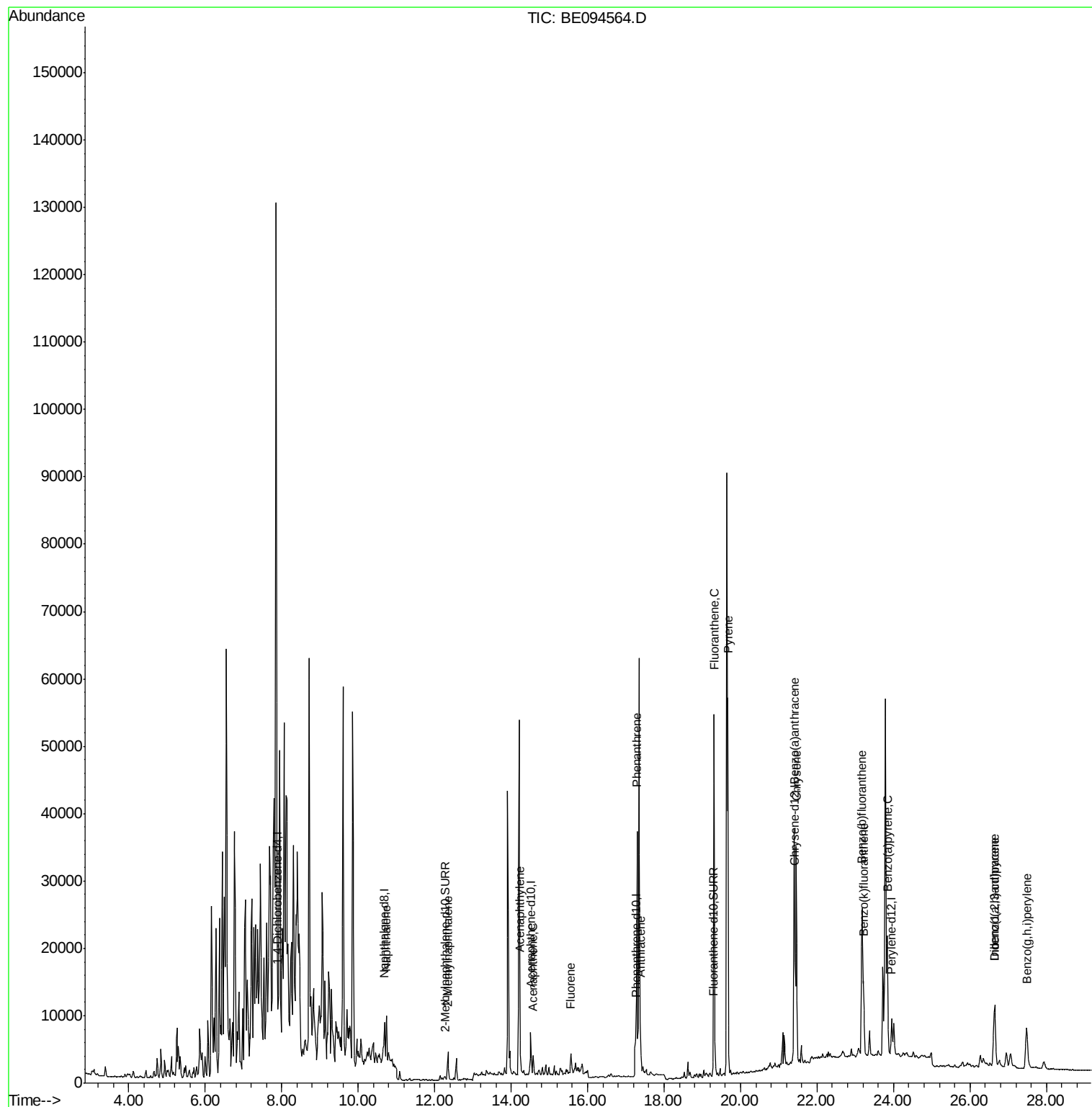
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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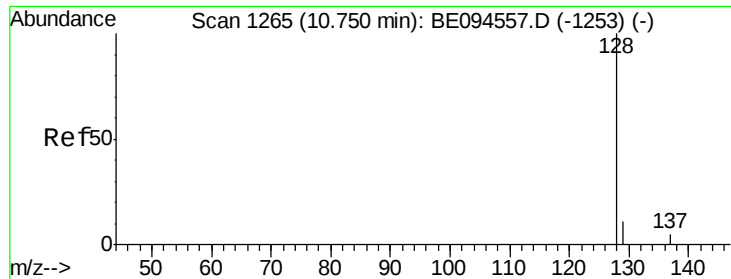
Instrument :
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#3

Naphthalene

Concen: 0.761 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094564.D

Acq: 26 Oct 2017 16:13

Instrument :

BNA_E

ClientSampleId :

B-26(5-5.8)-100517

Tgt Ion:128 Resp: 12428

Ion Ratio Lower Upper

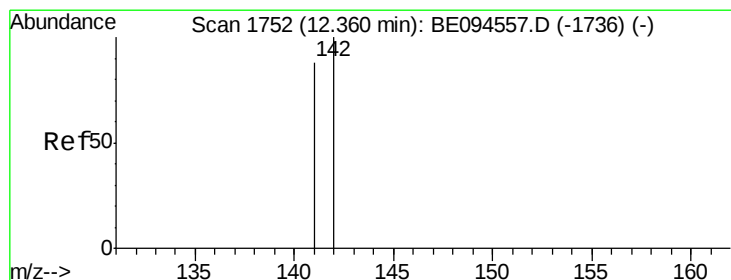
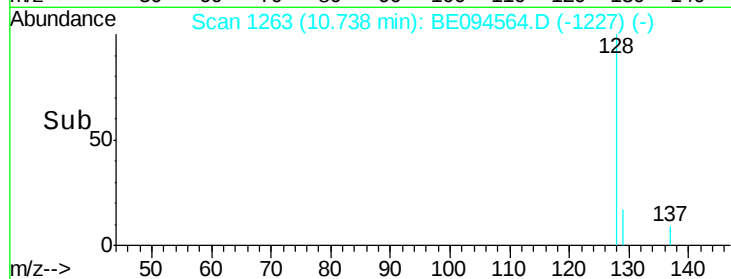
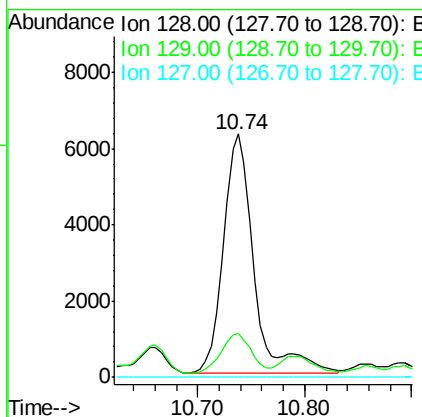
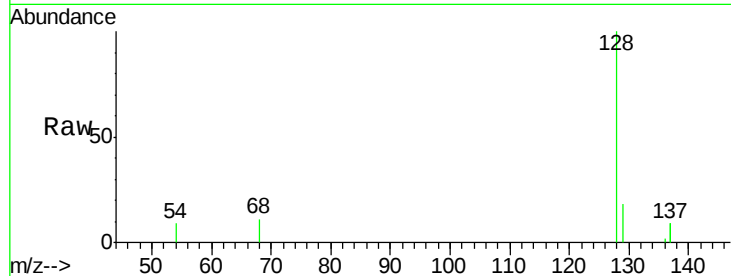
128 100

129 18.2 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.322 ng/ul

RT: 12.34 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094564.D

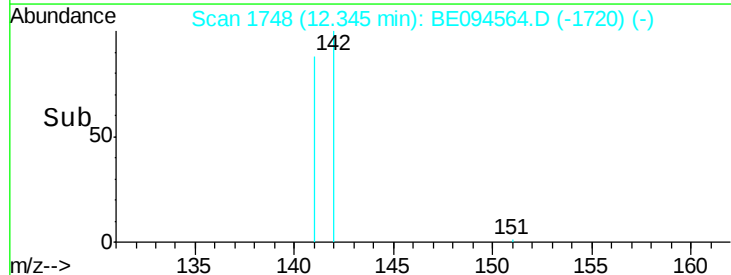
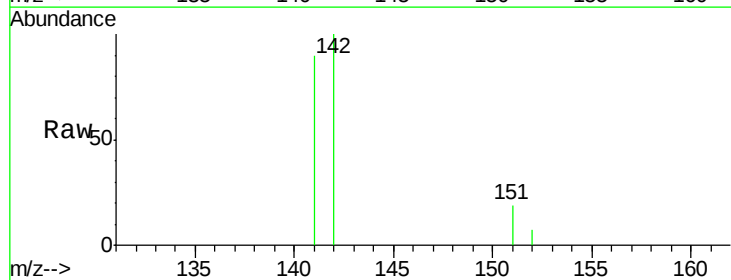
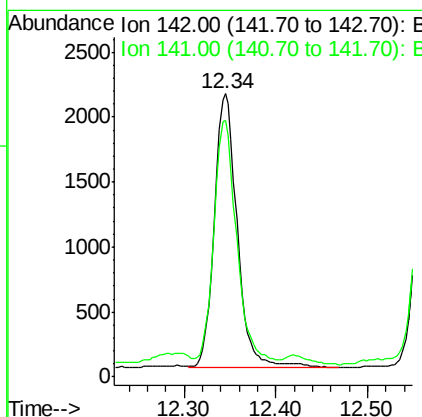
Acq: 26 Oct 2017 16:13

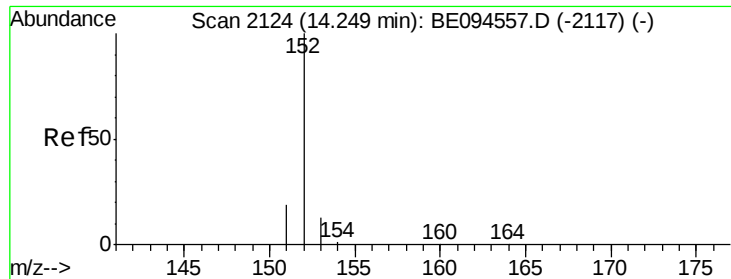
Tgt Ion:142 Resp: 3677

Ion Ratio Lower Upper

142 100

141 88.2 72.6 108.8





#7

Acenaphthylene

Concen: 0.125 ng/ul

RT: 14.23 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094564.D

Acq: 26 Oct 2017 16:13

Instrument :

BNA_E

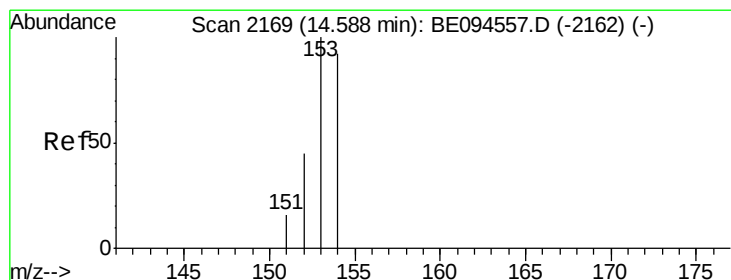
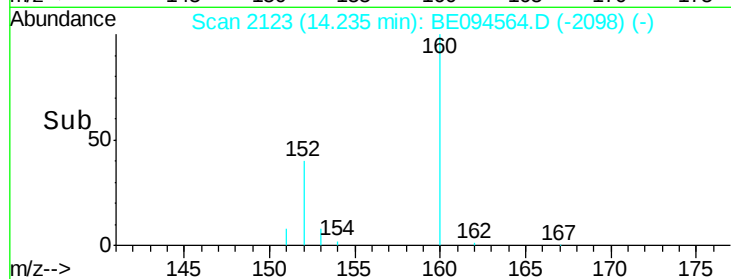
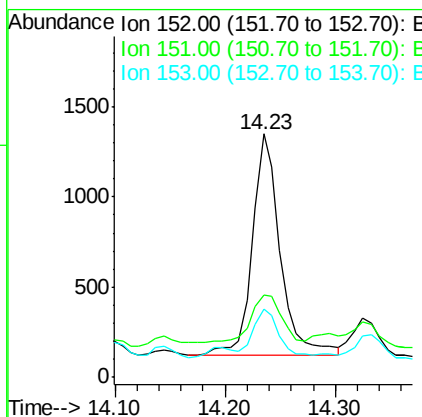
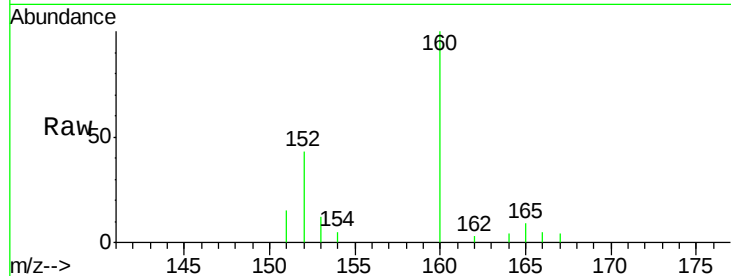
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	33.8	17.1	25.7#
153	27.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.147 ng/ul

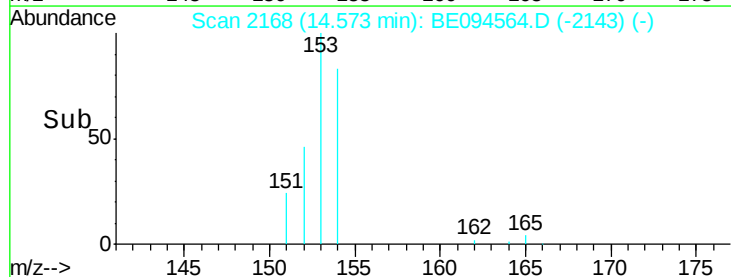
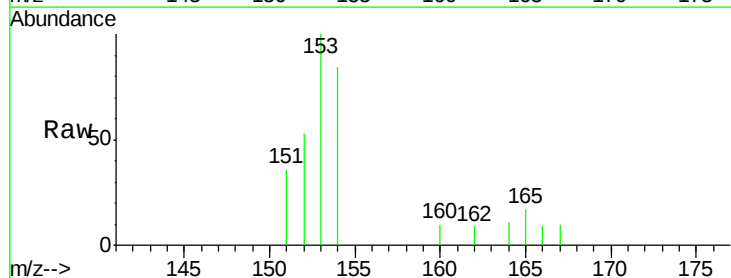
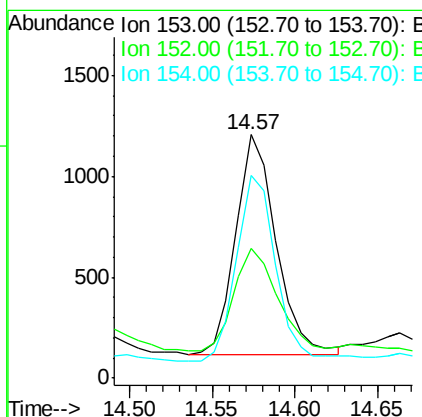
RT: 14.57 min Scan# 2168

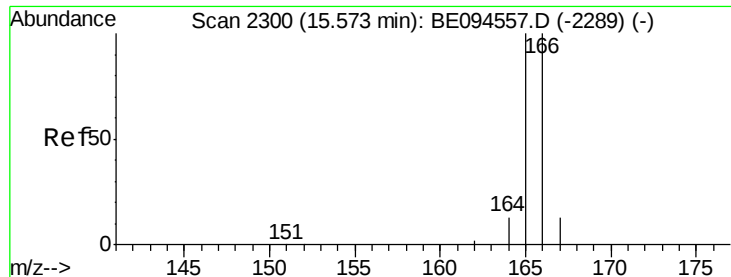
Delta R.T. -0.01 min

Lab File: BE094564.D

Acq: 26 Oct 2017 16:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.4	36.0	54.0
154	83.5	72.0	108.0





#9

Fluorene

Concen: 0.153 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094564.D

Acq: 26 Oct 2017 16:13

Instrument :

BNA_E

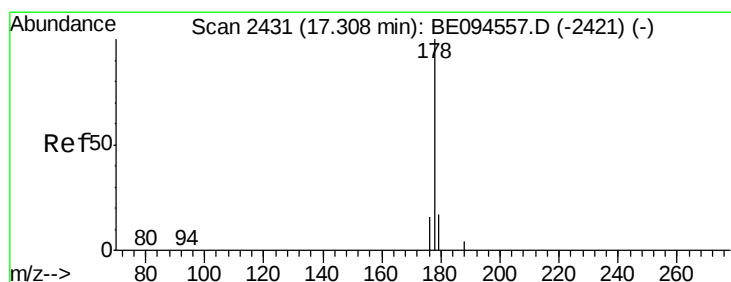
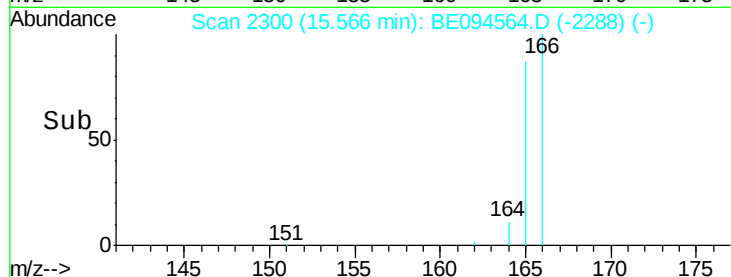
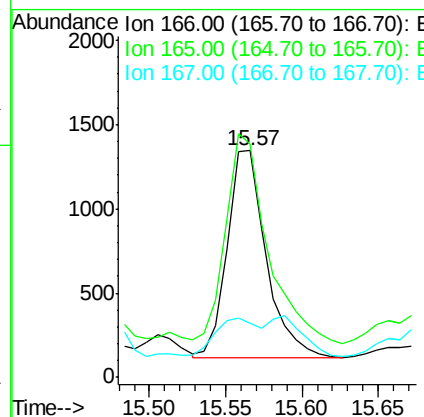
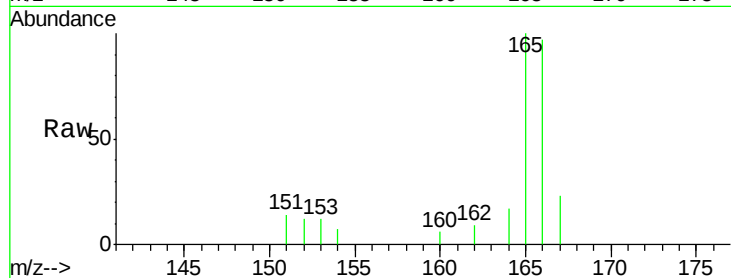
ClientSampleId :

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Tgt Ion:	166	Resp:	2171
Ion Ratio	Lower	Upper	
166	100		
165	103.0	73.4	110.2
167	23.7	14.6	22.0

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#12

Phenanthrene

Concen: 1.885 ng/ul

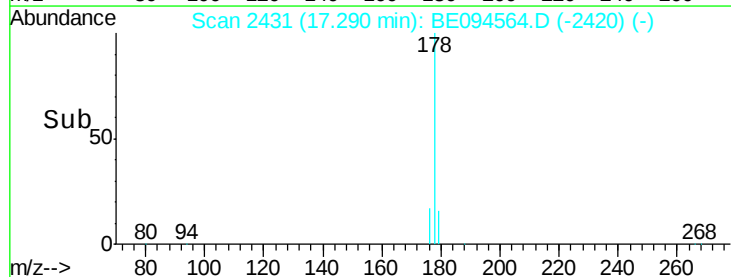
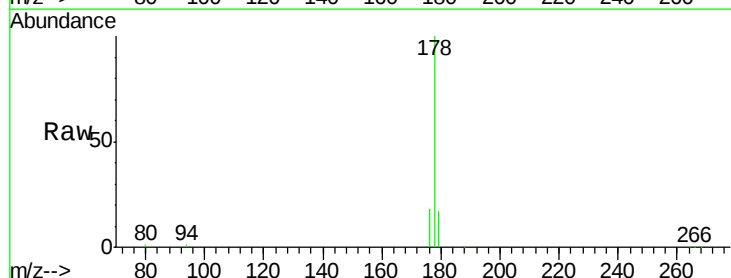
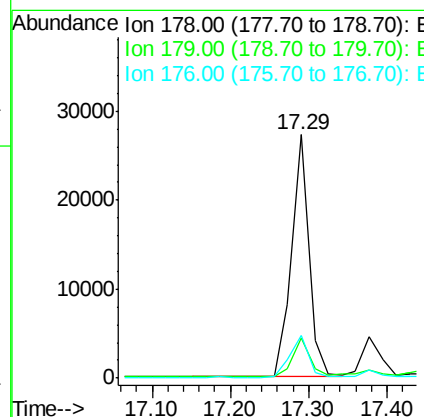
RT: 17.29 min Scan# 2431

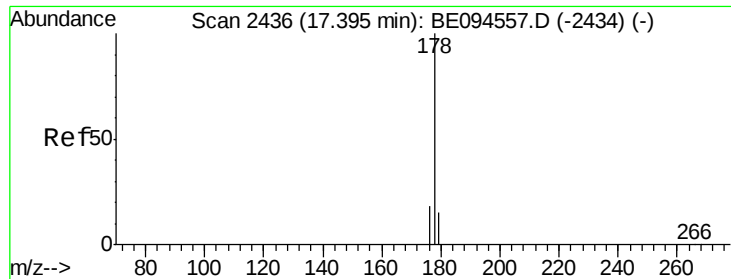
Delta R.T. -0.02 min

Lab File: BE094564.D

Acq: 26 Oct 2017 16:13

Tgt Ion:	178	Resp:	41960
Ion Ratio	Lower	Upper	
178	100		
179	16.5	18.4	27.6
176	17.7	13.6	20.4





#13

Anthracene

Concen: 0.354 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094564.D

Acq: 26 Oct 2017 16:13

Instrument :

BNA_E

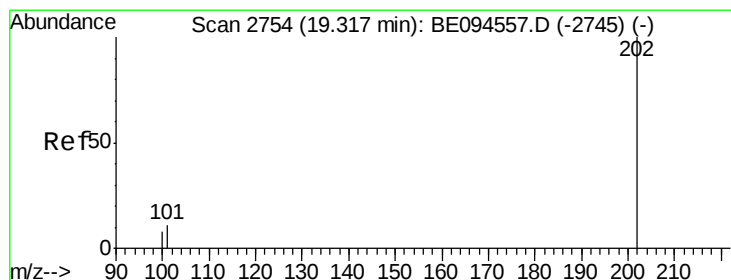
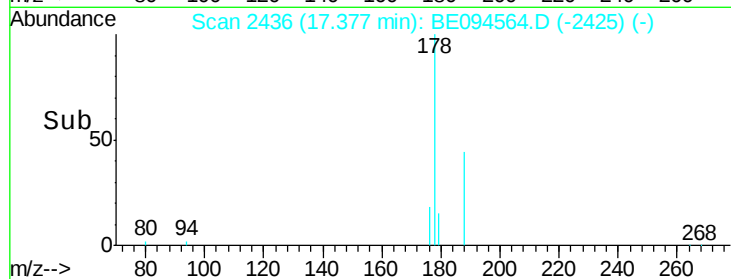
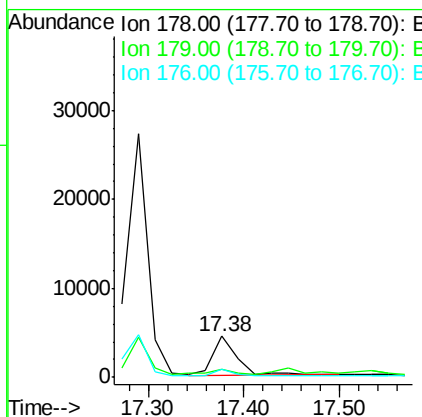
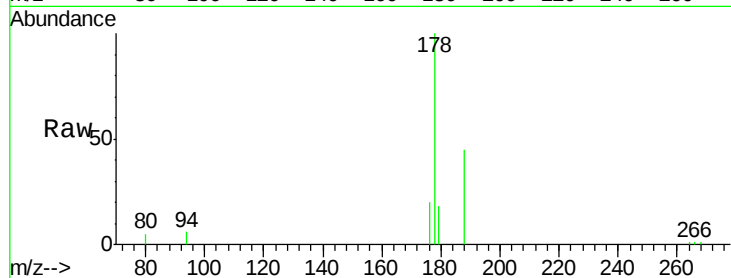
ClientSampleId :

B-26(5-5.8)-100517

Tgt Ion:	178	Resp:	7780
Ion Ratio	Lower	Upper	
178	100		
179	18.3	18.1	27.1
176	20.4	14.7	22.1

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#15

Fluoranthene

Concen: 2.546 ng/ul

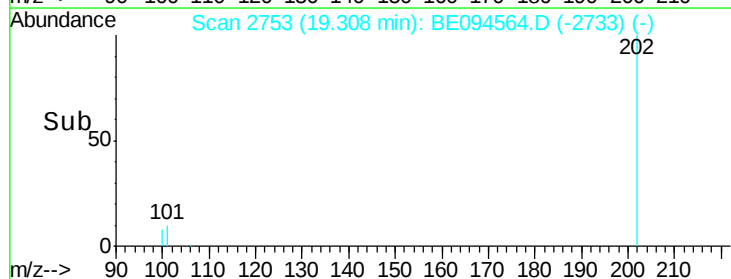
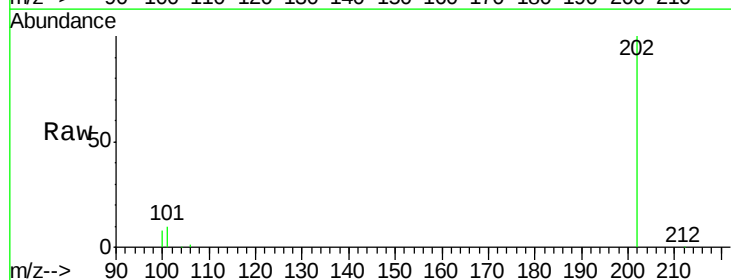
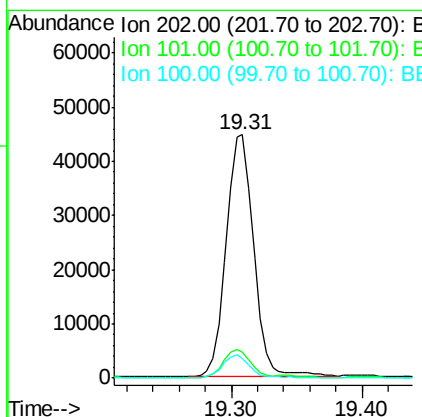
RT: 19.31 min Scan# 2753

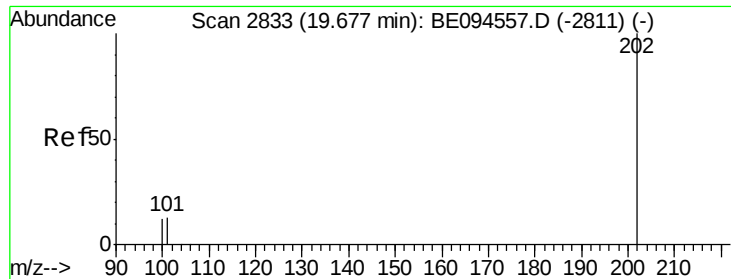
Delta R.T. -0.01 min

Lab File: BE094564.D

Acq: 26 Oct 2017 16:13

Tgt Ion:	202	Resp:	65505
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	30.3
100	8.3	0.0	39.5





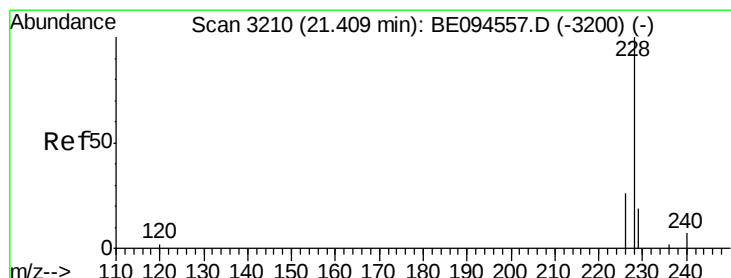
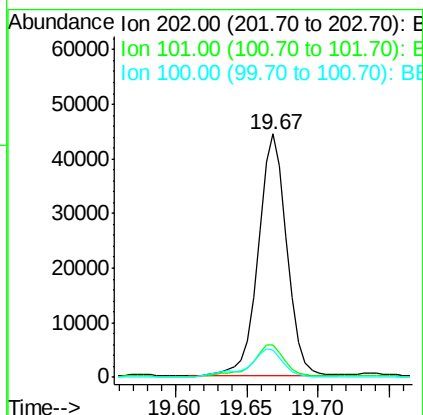
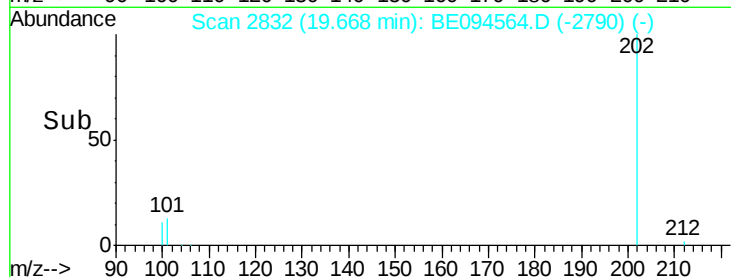
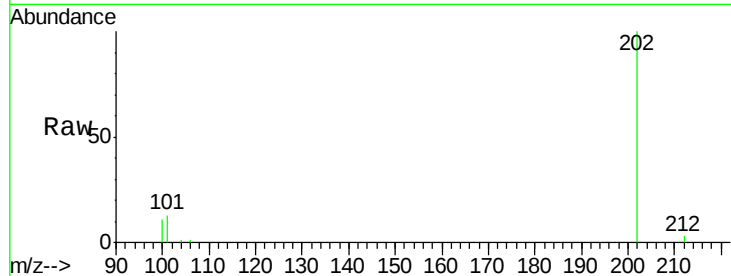
#17
 Pyrene
 Concen: 2.392 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094564.D
 Acq: 26 Oct 2017 16:13

Instrument :
 BNA_E
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Tgt Ion:	202	Resp:	62196
Ion Ratio	Lower	Upper	
202	100		
101	13.1	18.2	27.4#
100	11.0	15.6	23.4#

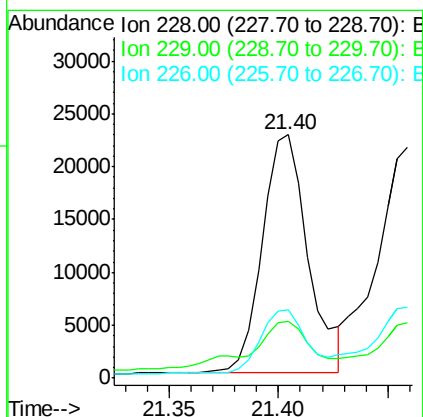
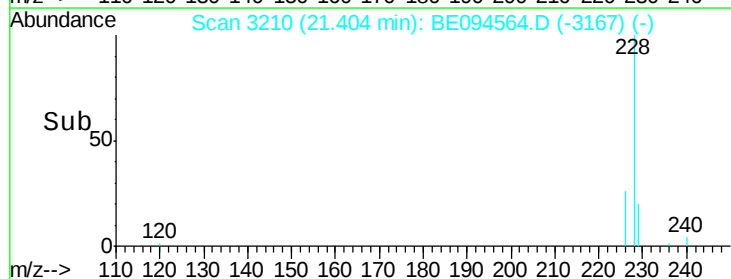
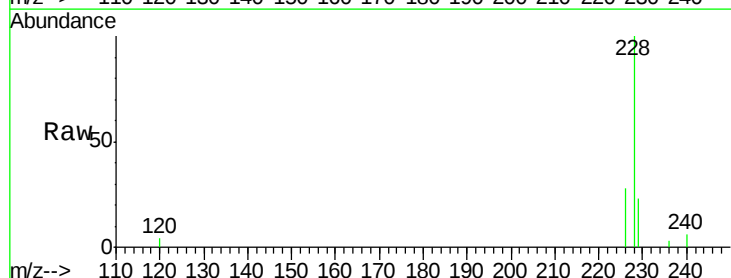
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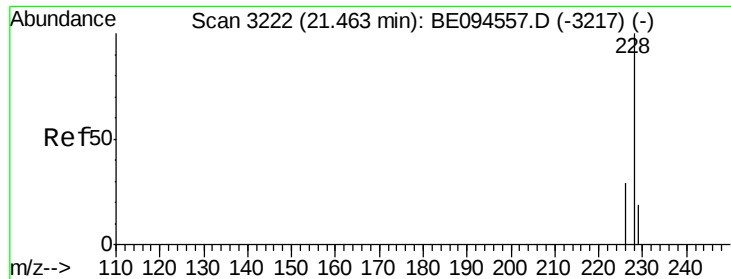
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#18
 Benzo(a)anthracene
 Concen: 1.363 ng/ul
 RT: 21.40 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BE094564.D
 Acq: 26 Oct 2017 16:13

Tgt Ion:	228	Resp:	32784
Ion Ratio	Lower	Upper	
228	100		
229	23.5	22.8	34.2
226	27.8	17.0	25.6#





#19

Chrysene

Concen: 1.419 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094564.D

Acq: 26 Oct 2017 16:13

Instrument :

BNA_E

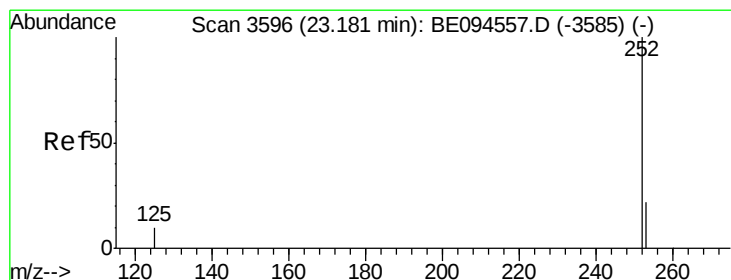
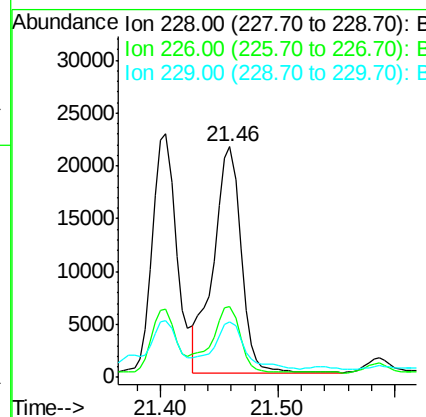
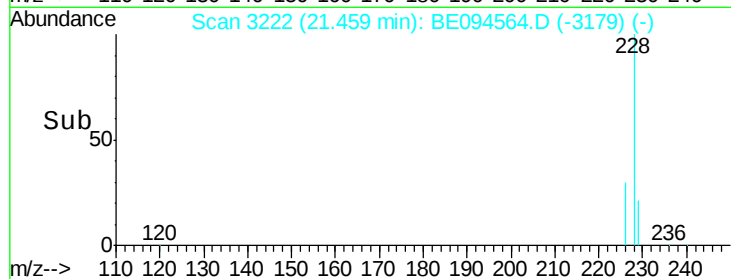
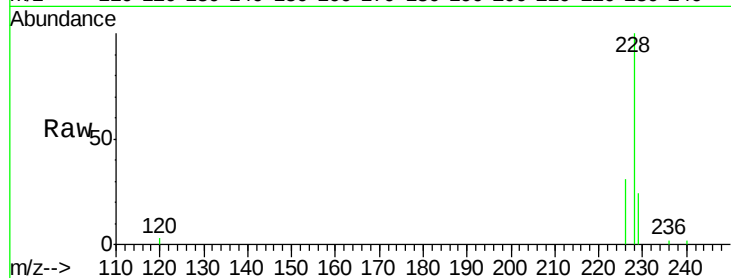
ClientSampleId :

B-26(5-5.8)-100517

Tgt Ion:	228	Resp:	35265
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	24.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.633 ng/ul m

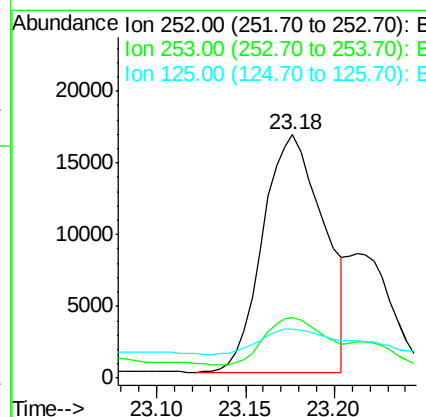
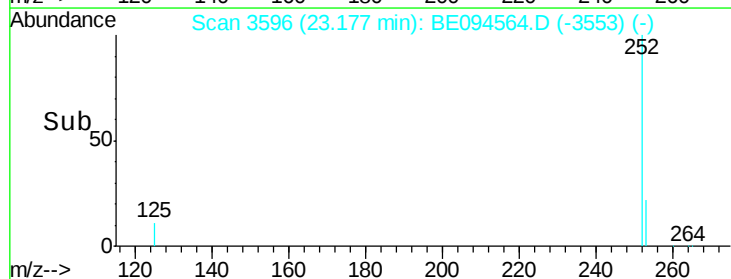
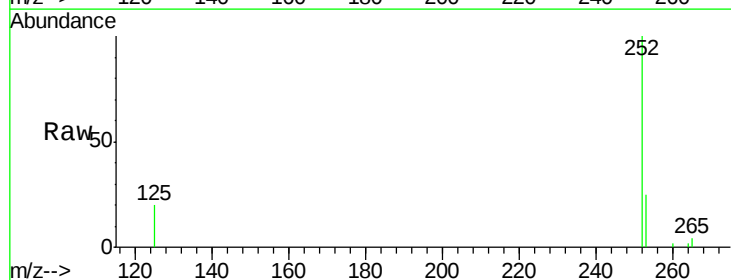
RT: 23.18 min Scan# 3596

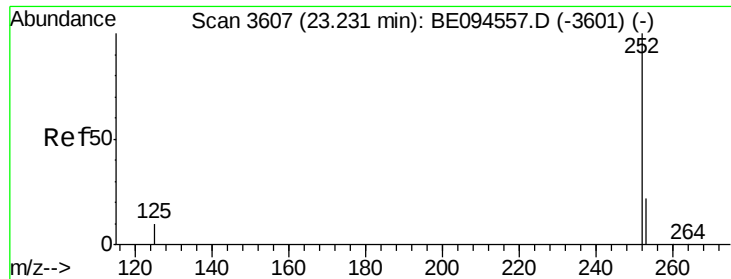
Delta R.T. -0.00 min

Lab File: BE094564.D

Acq: 26 Oct 2017 16:13

Tgt Ion:	252	Resp:	39976
Ion Ratio	Lower	Upper	
252	100		
253	25.0	0.0	64.2
125	20.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.552 ng/ul m

RT: 23.21 min Scan# 3604

Delta R.T. -0.02 min

Lab File: BE094564.D

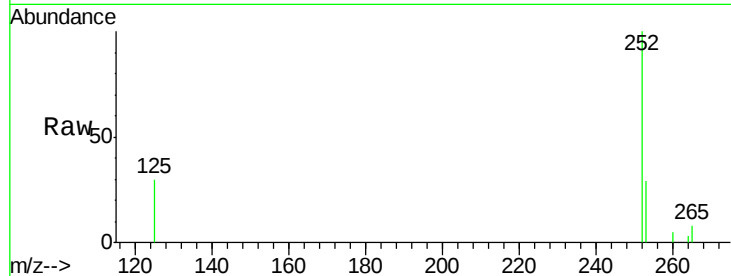
Acq: 26 Oct 2017 16:13

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion: 252 Resp: 14467

Ion Ratio Lower Upper

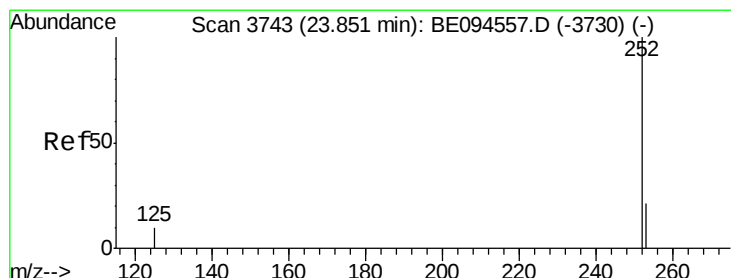
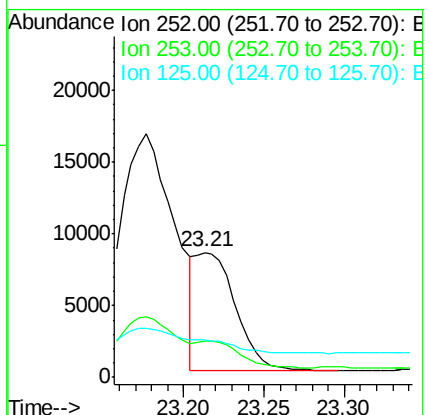
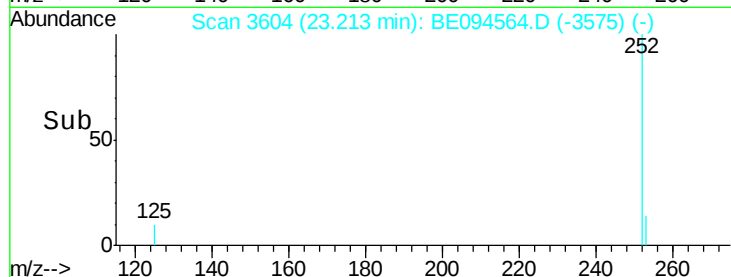
252 100

253 28.8 24.5 36.7

125 29.9 13.7 20.5#

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#23

Benzo(a)pyrene

Concen: 1.140 ng/ul

RT: 23.84 min Scan# 3741

Delta R.T. -0.01 min

Lab File: BE094564.D

Acq: 26 Oct 2017 16:13

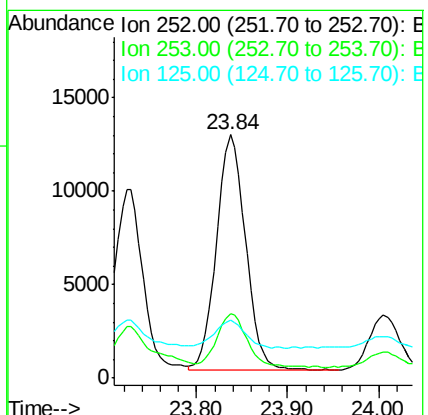
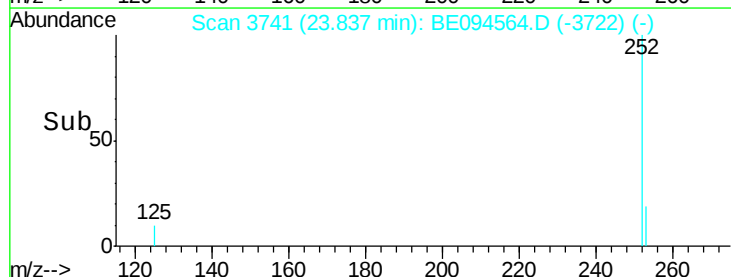
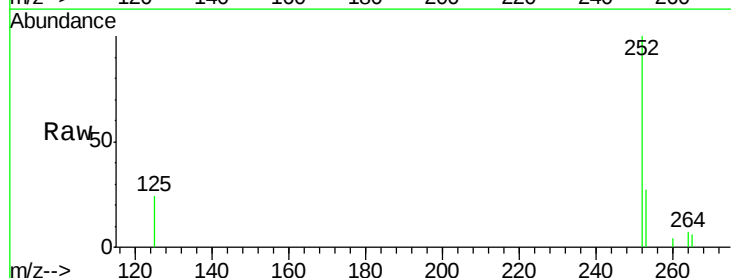
Tgt Ion: 252 Resp: 27899

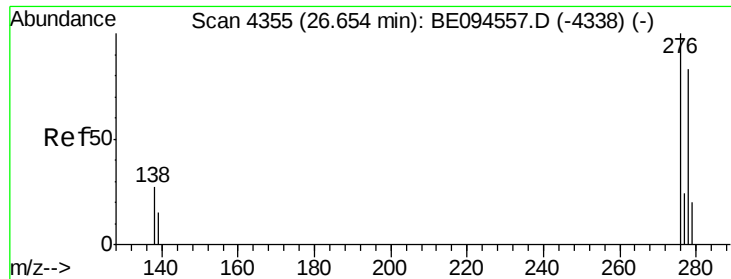
Ion Ratio Lower Upper

252 100

253 26.7 28.5 42.7#

125 23.7 18.1 27.1





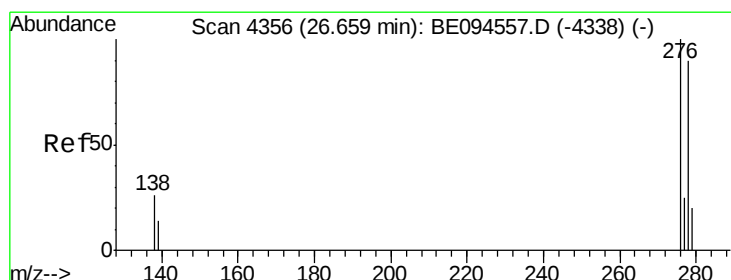
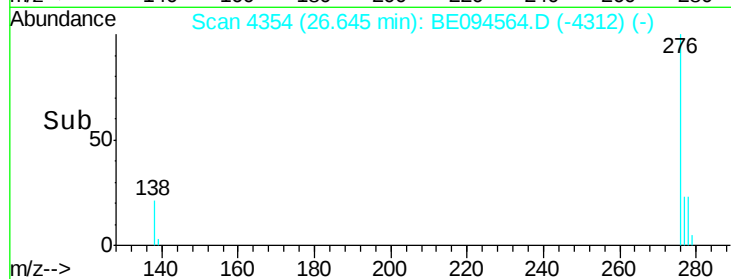
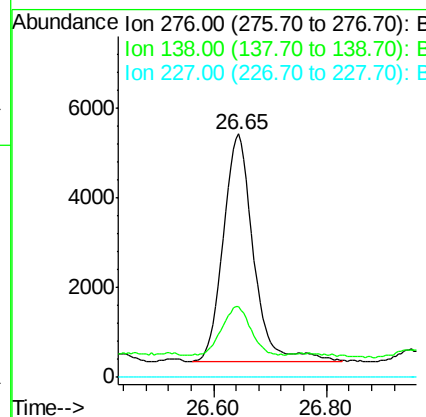
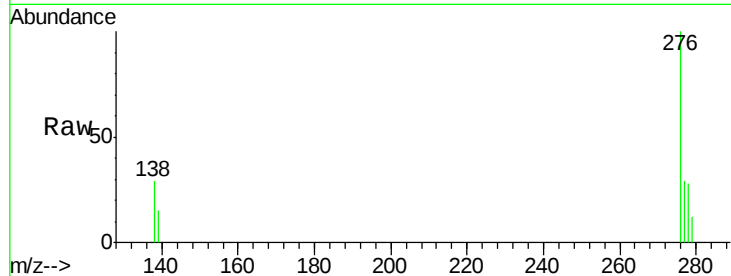
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.733 ng/u1
 RT: 26.65 min Scan# 4354
 Delta R.T. -0.01 min
 Lab File: BE094564.D
 Acq: 26 Oct 2017 16:13

Instrument :
 BNA_E
 ClientSampleId :
 B-26(5-5.8)-100517

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	28.0	42.0#
227	0.0	8.0	12.0#

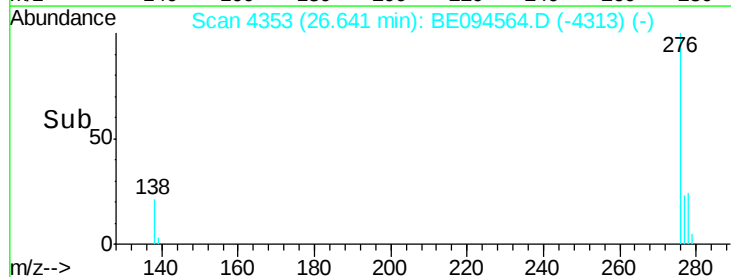
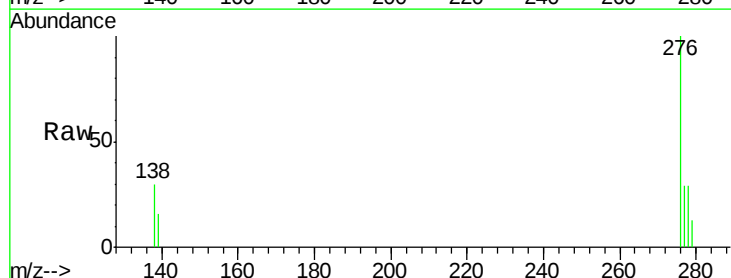
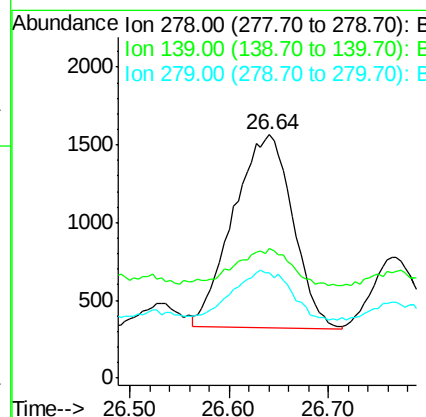
Manual Integrations
 APPROVED

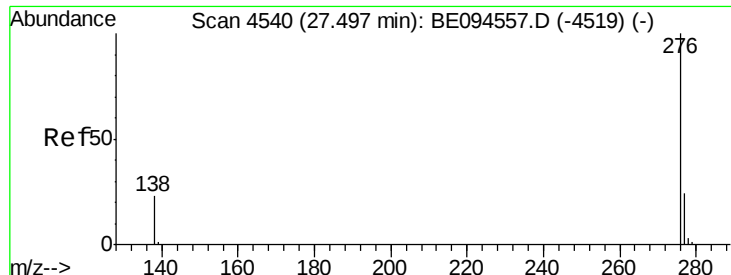
Sohil
 10/27/2017 5:34:49 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.243 ng/u1
 RT: 26.64 min Scan# 4353
 Delta R.T. -0.02 min
 Lab File: BE094564.D
 Acq: 26 Oct 2017 16:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	53.0	17.4	26.0#
279	43.2	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.812 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. -0.02 min

Lab File: BE094564.D

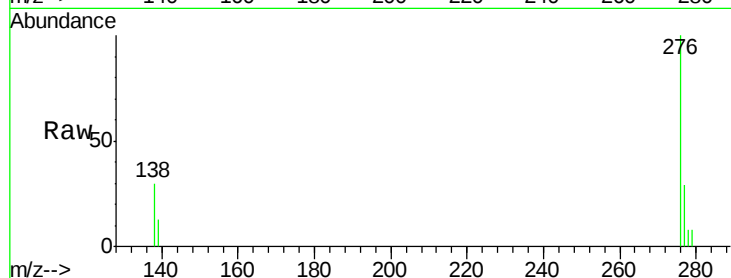
Acq: 26 Oct 2017 16:13

Instrument :

BNA_E

ClientSampleId :

B-26(5-5.8)-100517



Tgt Ion: 276 Resp: 16496

Ion Ratio Lower Upper

276 100

138 30.1 21.8 32.8

277 29.4 20.5 30.7

Manual Integrations

APPROVED

Sohil

10/27/2017 5:34:49 PM

