

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094324.D
 Acq On : 13 Oct 2017 14:34
 Operator : SJ/JU
 Sample : I5568-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-51(1-2)-092817

Manual Integrations
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 10/16/2017 8:22:39 PM

Quant Time: Oct 15 02:42:58 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1699	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8208	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4857	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9301	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9275	0.40	ng/ul	0.00
20) Perylene-d12	24.00	264	8446m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2523	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	5828	0.19	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	183848	9.14	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	16558	1.27	ng/ul	98
7) Acenaphthylene	14.26	152	4463	0.24	ng/ul#	89
8) Acenaphthene	14.60	153	10445	0.67	ng/ul	98
9) Fluorene	15.58	166	8149	0.45	ng/ul	93
12) Phenanthrene	17.31	178	169087	6.96	ng/ul#	92
13) Anthracene	17.40	178	40543	1.72	ng/ul#	92
15) Fluoranthene	19.32	202	351288	11.00	ng/ul	84
17) Pyrene	19.69	202	318929	12.36	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	190622	7.75	ng/ul#	92
19) Chrysene	21.48	228	256690	9.03	ng/ul#	91
21) Benzo(b)fluoranthene	23.22	252	270899	11.81	ng/ul	86
22) Benzo(k)fluoranthene	23.26	252	96288m	3.63	ng/ul	
23) Benzo(a)pyrene	23.89	252	185123m	7.76	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.75	276	126722m	5.20	ng/ul	
25) Dibenzo(a,h)anthracene	26.74	278	47252m	2.31	ng/ul	
26) Benzo(g,h,i)perylene	27.61	276	126763m	6.03	ng/ul	

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

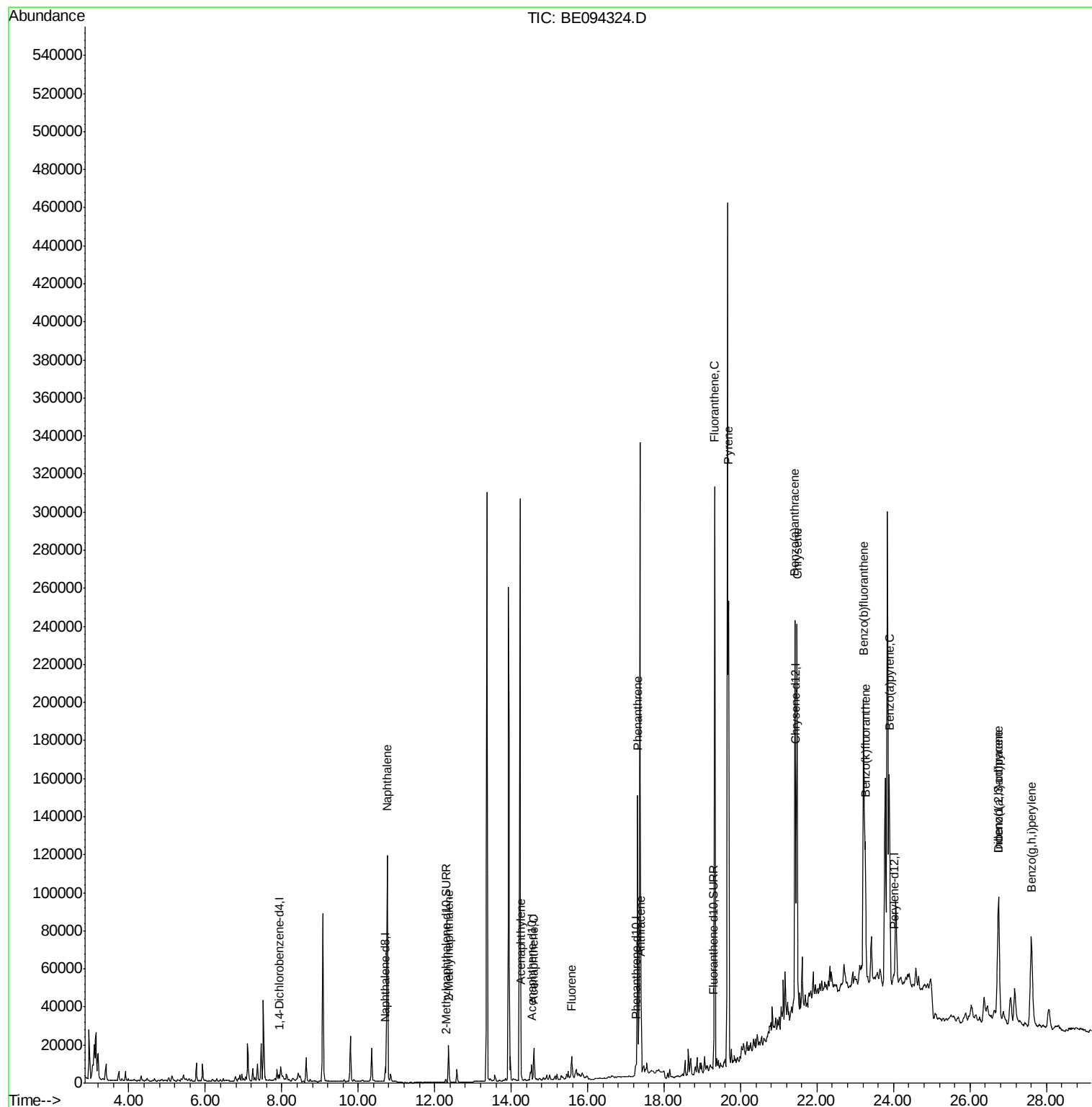
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ALS Vial : 6 Sample Multiplier: 1

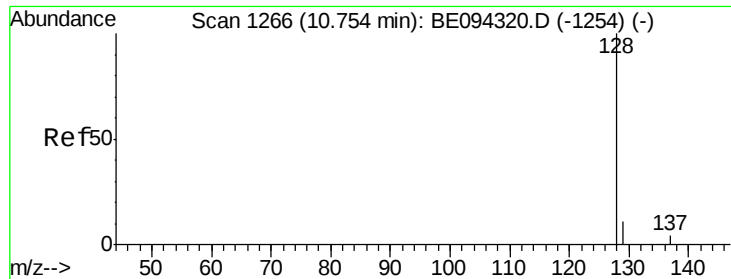
Instrument :
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#3

Naphthalene

Concen: 9.14 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

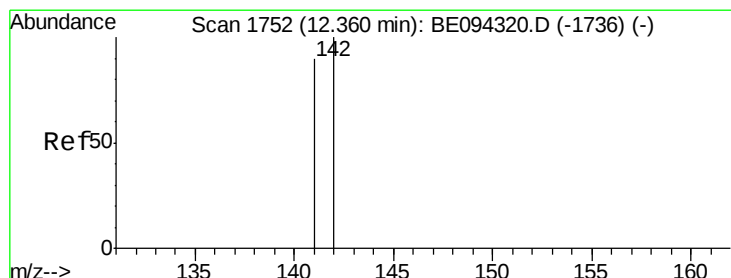
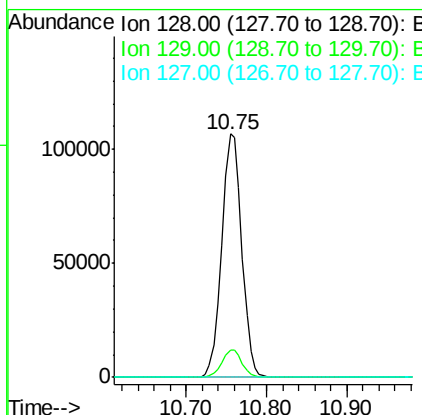
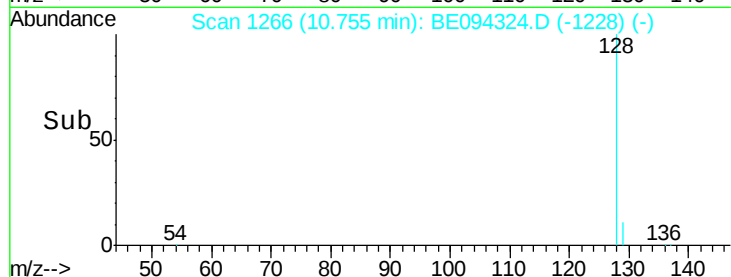
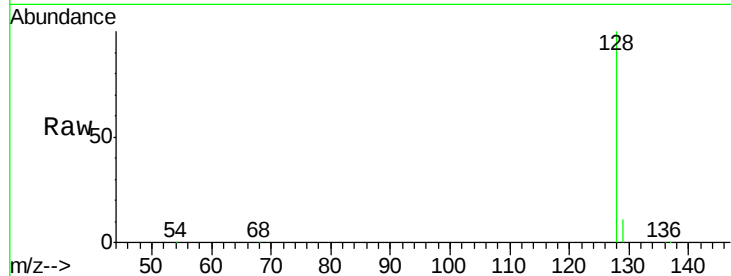
ClientSampleId :

B-51(1-2)-092817

Tgt Ion:	128	Resp:	183848
Ion Ratio	Lower	Upper	
128	100		
129	11.2	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 1.27 ng/ul

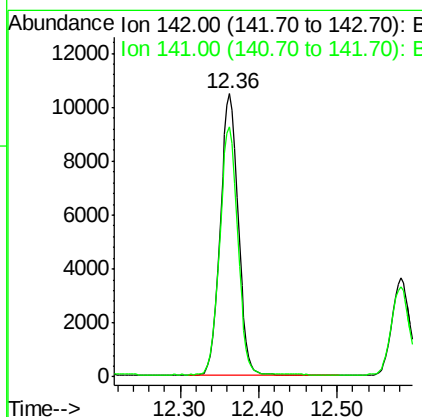
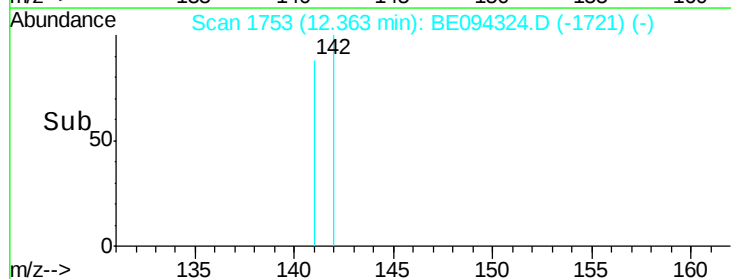
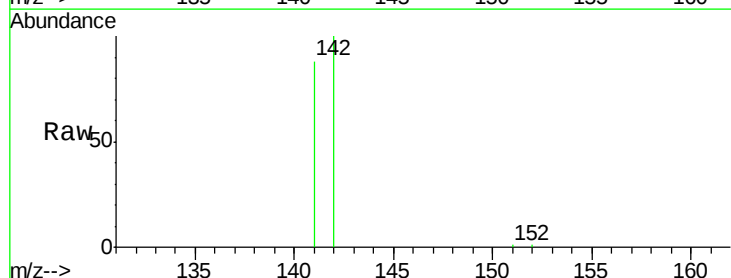
RT: 12.36 min Scan# 1753

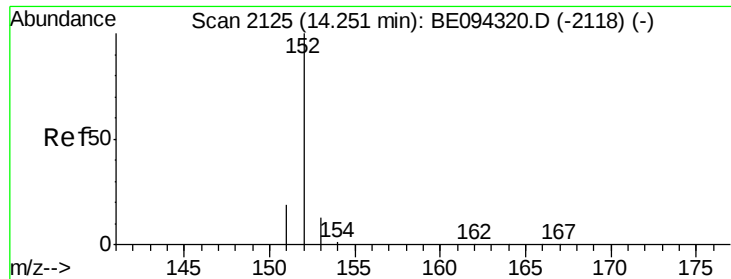
Delta R.T. -0.00 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Tgt Ion:	142	Resp:	16558
Ion Ratio	Lower	Upper	
142	100		
141	88.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.24 ng/ul

RT: 14.26 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

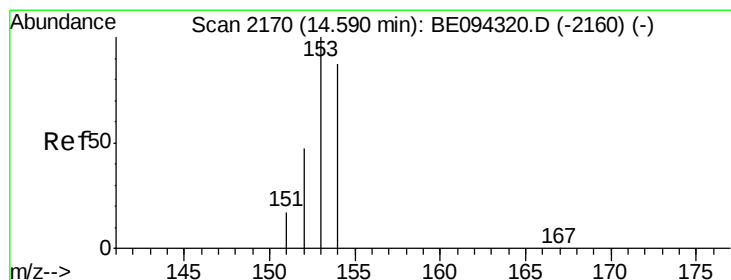
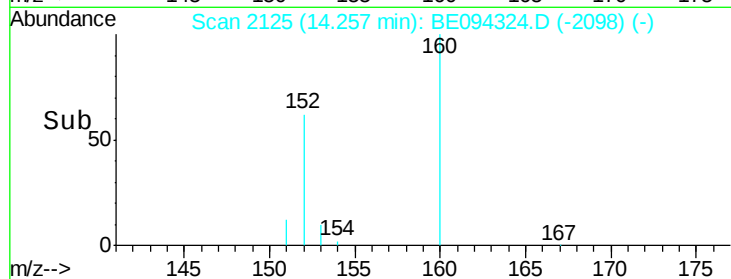
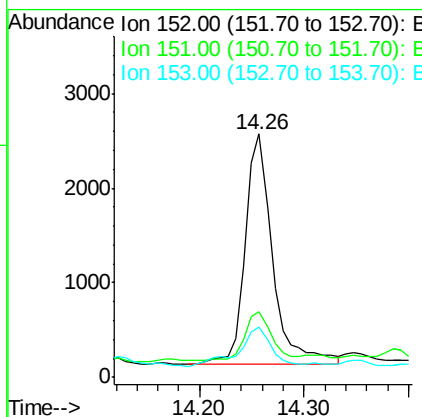
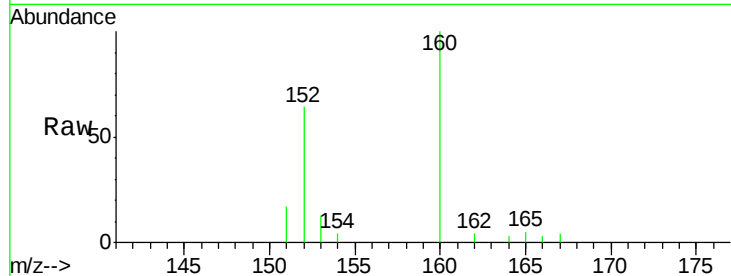
ClientSampleId :

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Tgt Ion:	152	Resp:	4463
Ion Ratio	Lower	Upper	
152	100		
151	26.9	17.1	25.7#
153	20.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.67 ng/ul

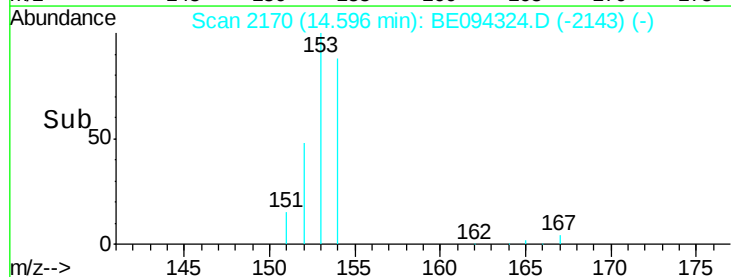
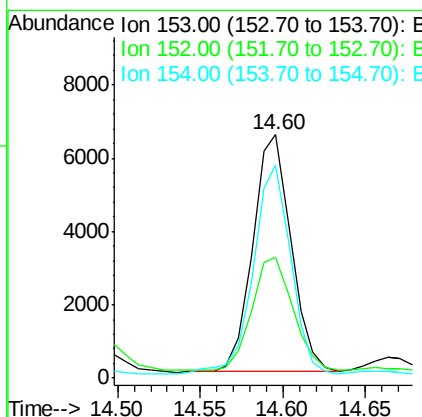
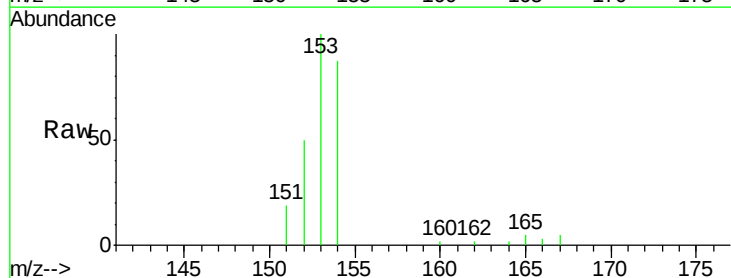
RT: 14.60 min Scan# 2170

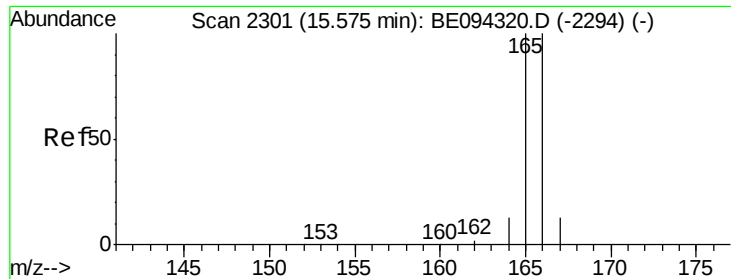
Delta R.T. 0.01 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Tgt Ion:	153	Resp:	10445
Ion Ratio	Lower	Upper	
153	100		
152	49.7	40.3	60.5
154	87.3	71.4	107.2





#9

Fluorene

Concen: 0.45 ng/ul

RT: 15.58 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

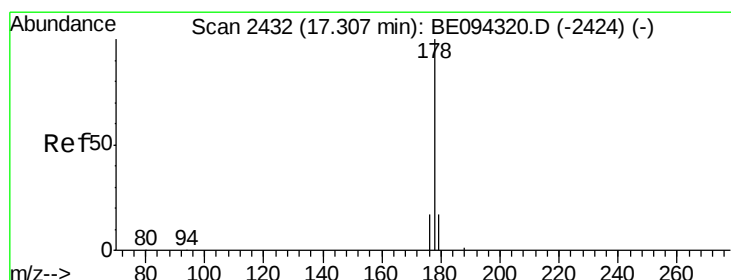
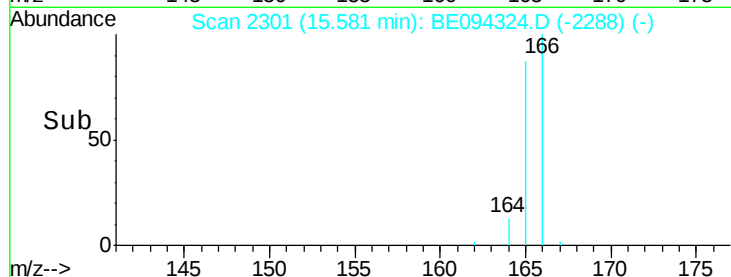
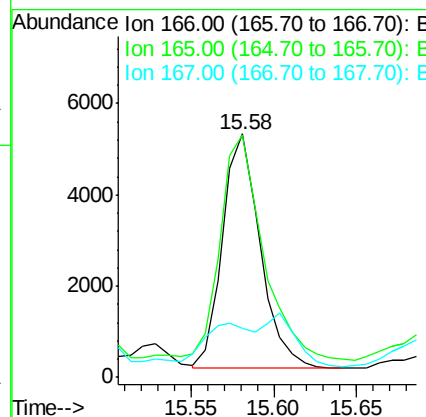
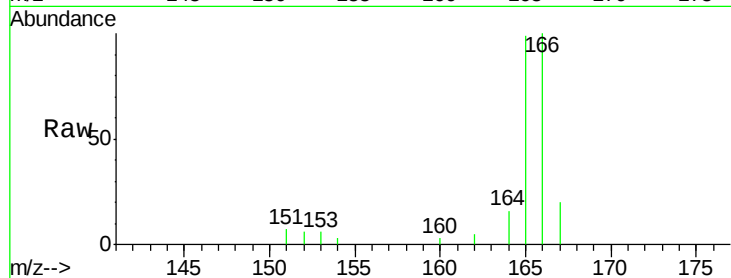
ClientSampleId :

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Tgt Ion:	166	Resp:	8149
Ion Ratio	Lower	Upper	
166	100		
165	99.5	73.4	110.2
167	20.1	14.6	22.0

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#12

Phenanthrene

Concen: 6.96 ng/ul

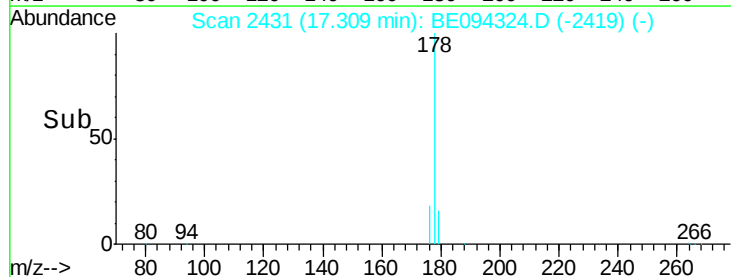
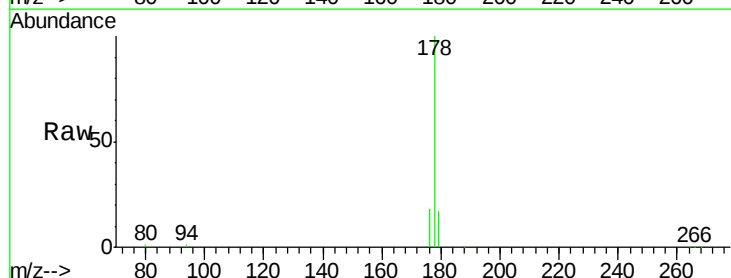
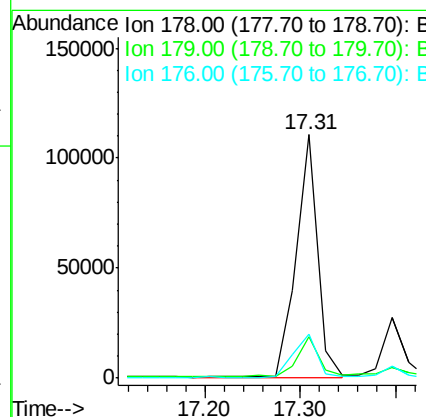
RT: 17.31 min Scan# 2431

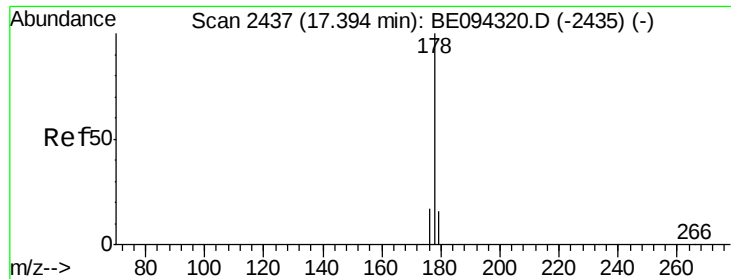
Delta R.T. 0.00 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Tgt Ion:	178	Resp:	169087
Ion Ratio	Lower	Upper	
178	100		
179	16.8	18.4	27.6#
176	18.1	13.6	20.4





#13

Anthracene

Concen: 1.72 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

ClientSampleId :

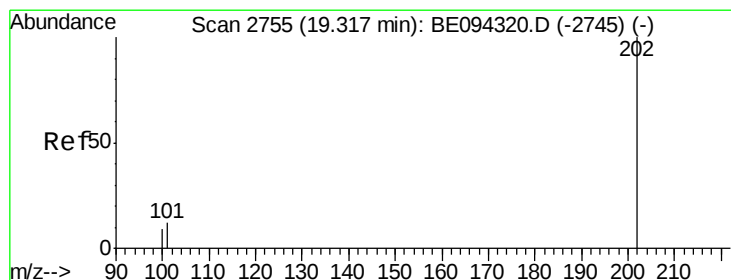
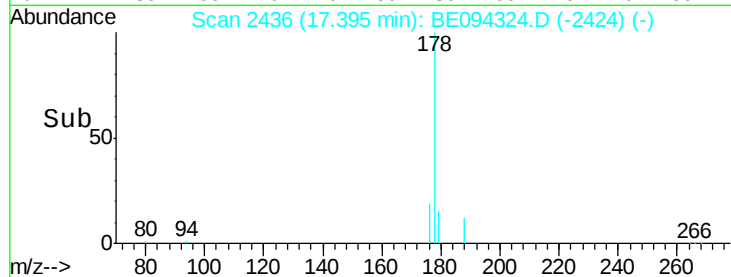
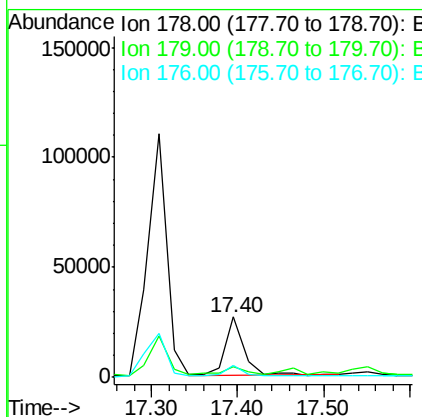
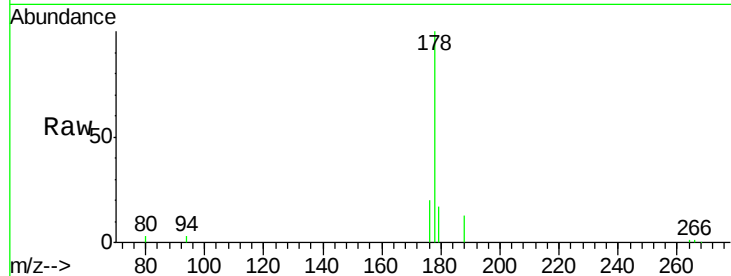
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Tgt Ion:178 Resp: 40543

Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.1	27.1#
176	19.9	14.7	22.1

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#15

Fluoranthene

Concen: 11.00 ng/ul

RT: 19.32 min Scan# 2755

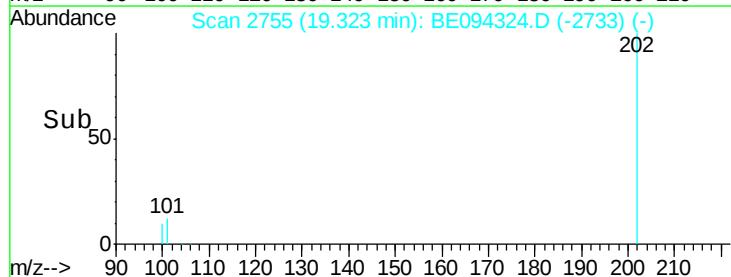
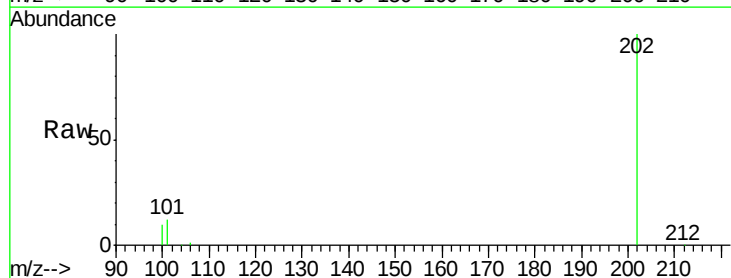
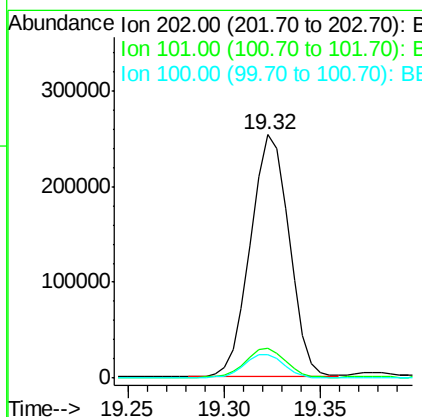
Delta R.T. 0.00 min

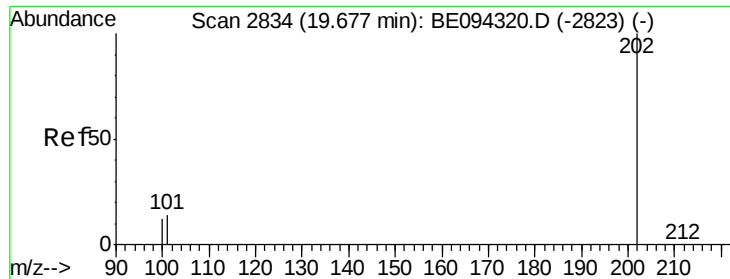
Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Tgt Ion:202 Resp: 351288

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.3
100	9.7	0.0	39.5





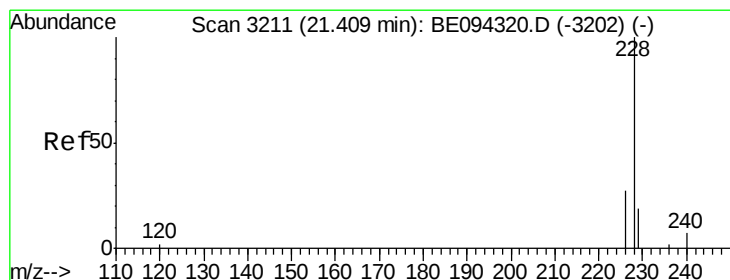
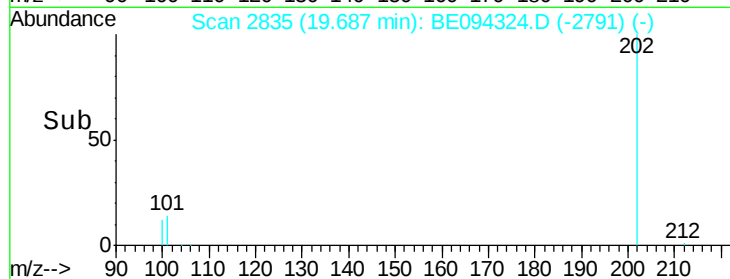
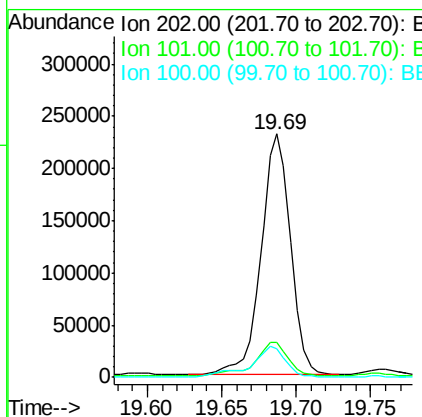
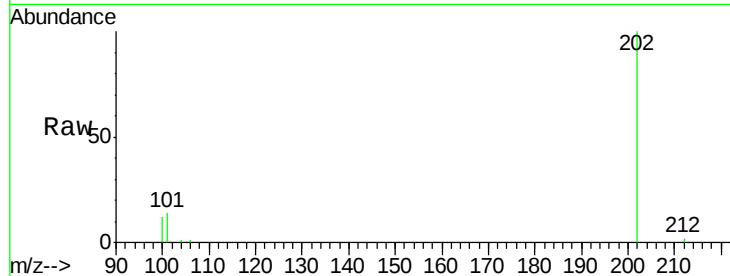
#17
Pyrene
 Concen: 12.36 ng/ul
 RT: 19.69 min Scan# 2835
 Delta R.T. 0.00 min
 Lab File: BE094324.D
 Acq: 13 Oct 2017 14:34

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	318929		
101	14.2	18.2	27.4#	
100	11.8	15.6	23.4#	

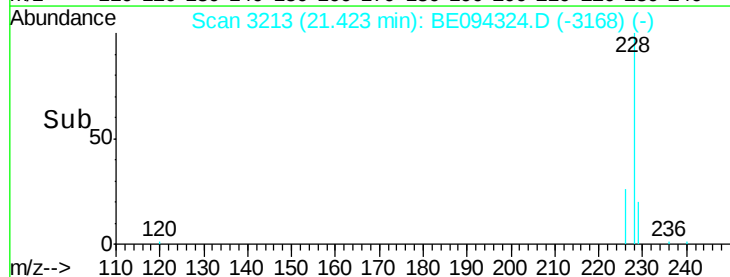
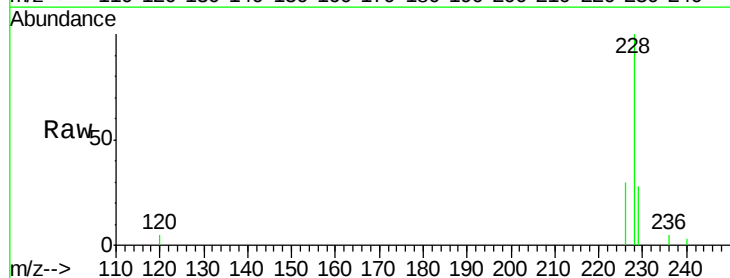
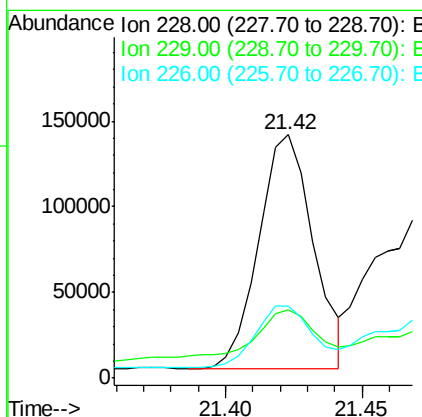
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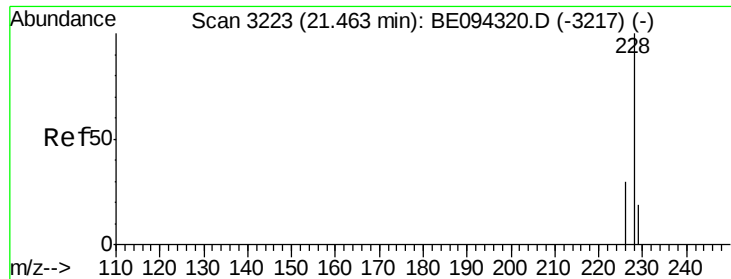
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#18
Benzo(a)anthracene
 Concen: 7.75 ng/ul
 RT: 21.42 min Scan# 3213
 Delta R.T. 0.01 min
 Lab File: BE094324.D
 Acq: 13 Oct 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	190622		
229	28.0	22.8	34.2	
226	29.7	17.0	25.6#	





#19

Chrysene

Concen: 9.03 ng/ul

RT: 21.48 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

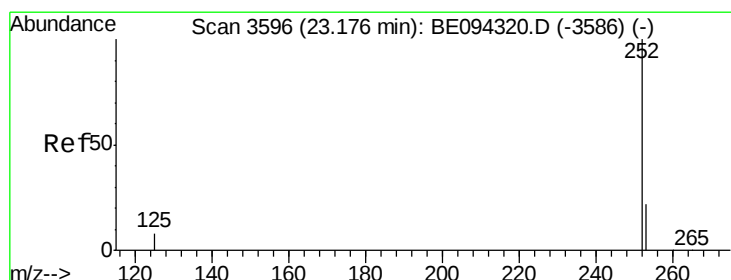
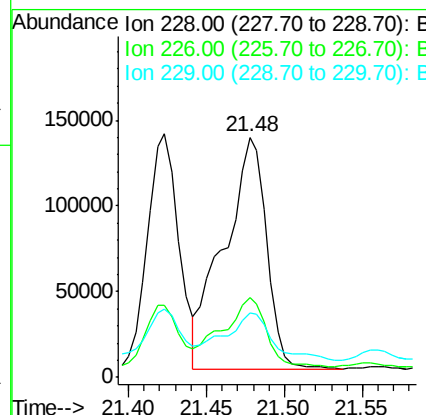
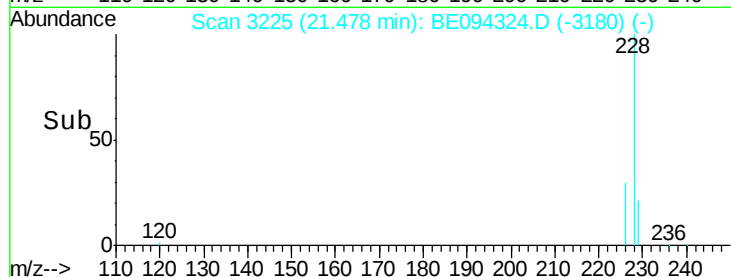
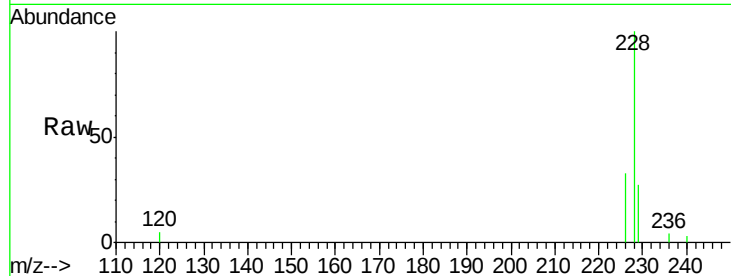
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Tgt Ion:	228	Resp:	256690
Ion Ratio	Lower	Upper	
228	100		
226	33.2	23.4	35.0
229	26.9	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 11.81 ng/ul

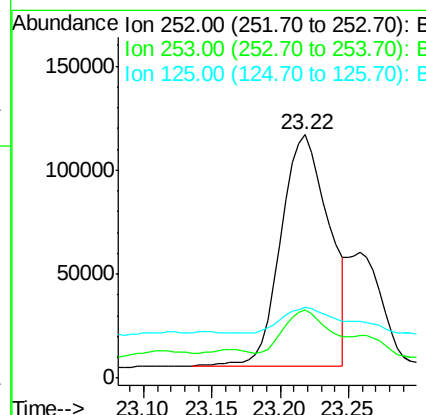
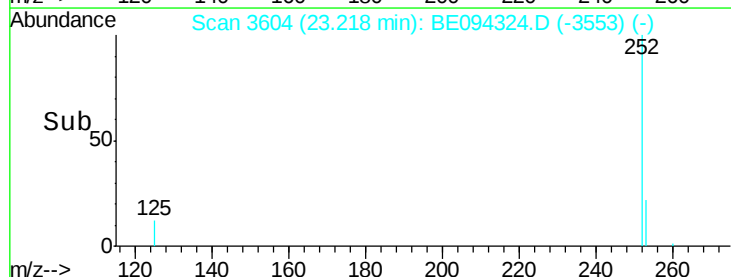
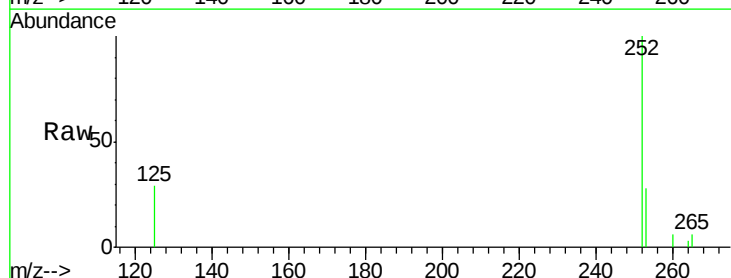
RT: 23.22 min Scan# 3604

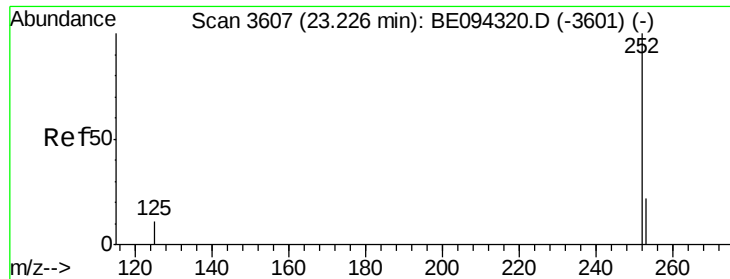
Delta R.T. 0.03 min

Lab File: BE094324.D

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Tgt Ion:	252	Resp:	270899
Ion Ratio	Lower	Upper	
252	100		
253	27.8	0.0	64.2
125	29.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.63 ng/ul m

RT: 23.26 min Scan# 3613

Delta R.T. 0.02 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

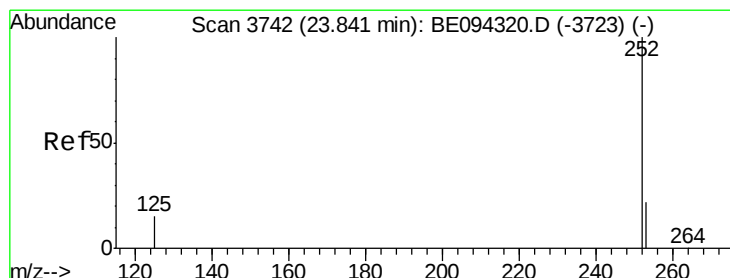
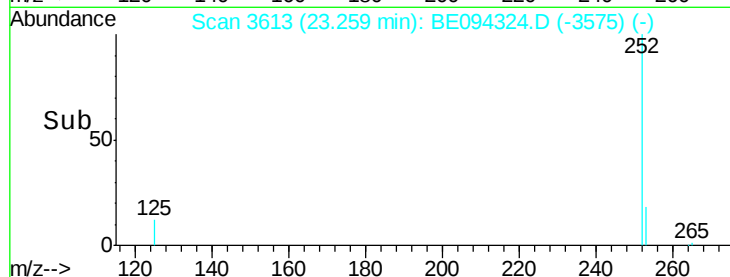
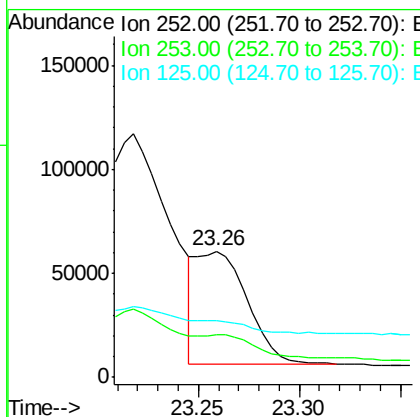
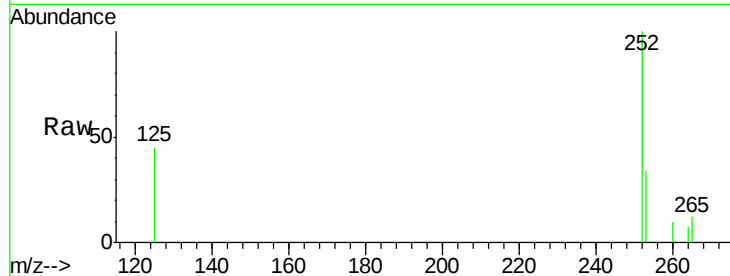
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Tgt Ion:	252	Resp:	96288
Ion Ratio	Lower	Upper	
252	100		
253	34.2	24.5	36.7
125	45.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 7.76 ng/ul m

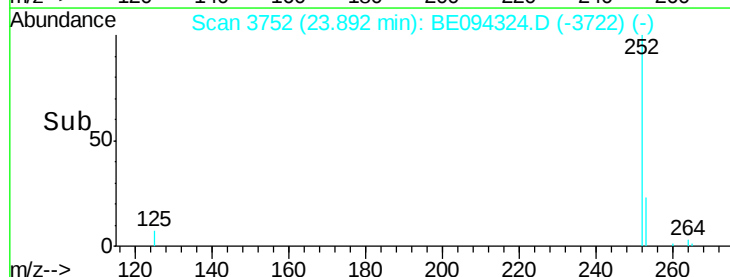
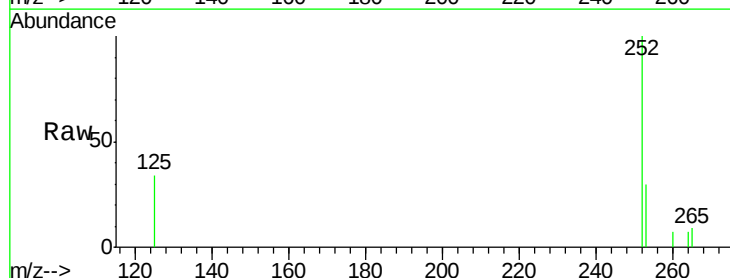
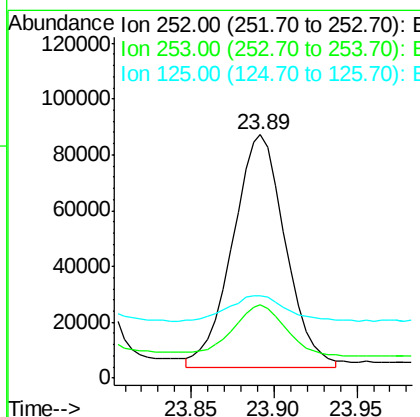
RT: 23.89 min Scan# 3752

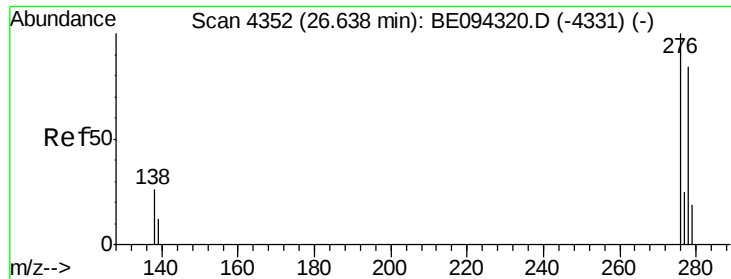
Delta R.T. 0.04 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Tgt Ion:	252	Resp:	185123
Ion Ratio	Lower	Upper	
252	100		
253	29.9	28.5	42.7
125	33.7	18.1	27.1#





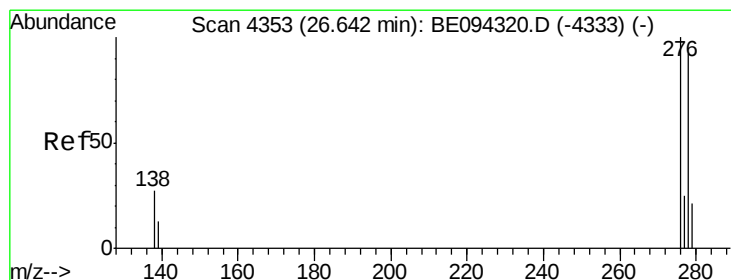
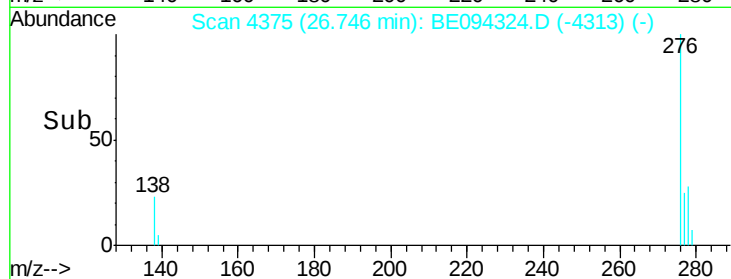
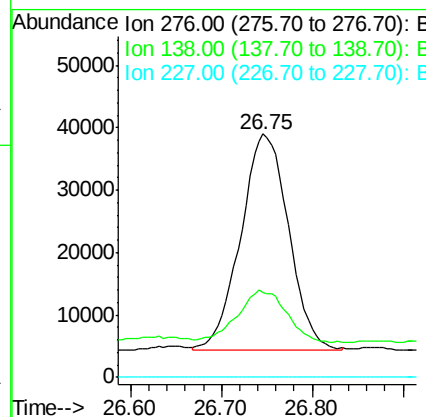
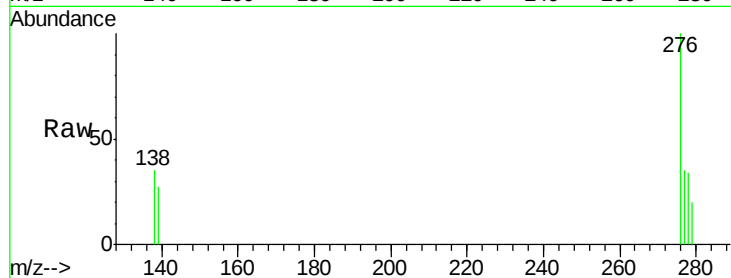
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.20 ng/ul m
 RT: 26.75 min Scan# 4375
 Delta R.T. 0.08 min
 Lab File: BE094324.D
 Acq: 13 Oct 2017 14:34

Instrument :
 BNA_E
 ClientSampleId :
 B-51(1-2)-092817

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	0.2	28.0	42.0#
227	0.0	8.0	12.0#

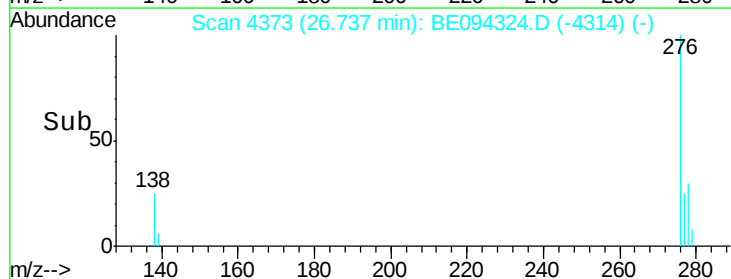
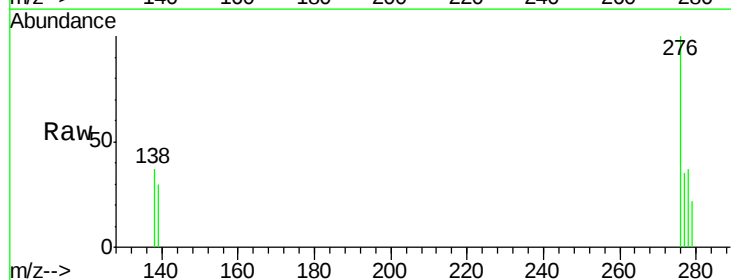
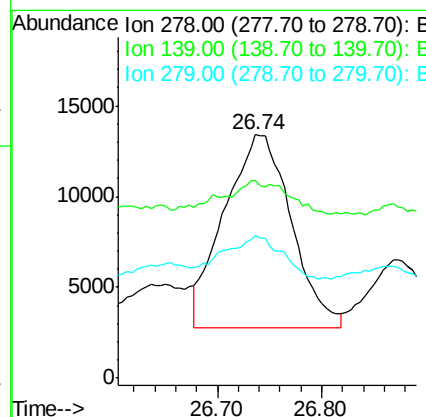
Manual Integrations
 APPROVED

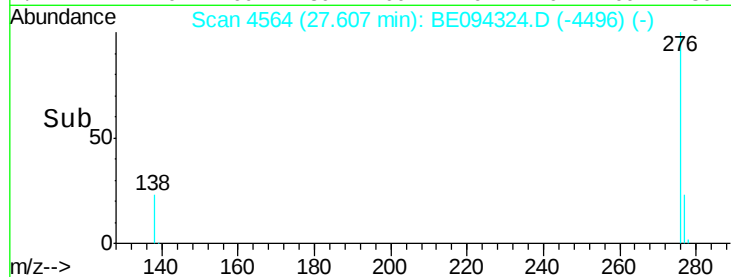
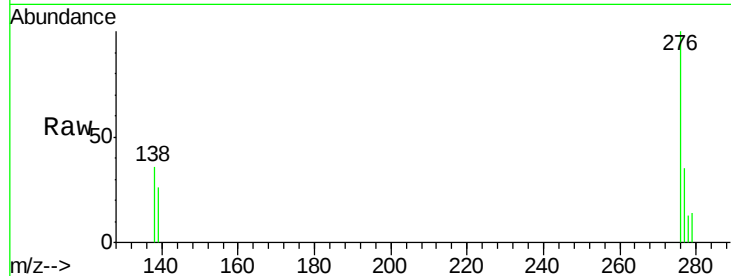
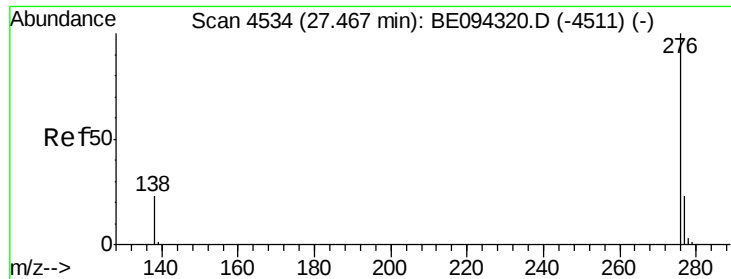
Sohil
 10/16/2017 8:22:39 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.31 ng/ul m
 RT: 26.74 min Scan# 4373
 Delta R.T. 0.07 min
 Lab File: BE094324.D
 Acq: 13 Oct 2017 14:34

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	81.0	17.4	26.0#
279	58.5	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 6.03 ng/ul m

RT: 27.61 min Scan# 4564

Delta R.T. 0.11 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

ClientSampleId :

B-51(1-2)-092817

Tgt Ion: 276 Resp: 126763

Ion Ratio Lower Upper

276 100

138 35.9 21.8 32.8#

277 35.3 20.5 30.7#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:39 PM

