

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094322.D
 Acq On : 13 Oct 2017 13:17
 Operator : SJ/JU
 Sample : I5533-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-56(1-2)-092717

Manual Integrations
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Quant Time: Oct 14 02:28:36 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 02:15:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1867	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9404	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5736	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11714m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10393	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	11488m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4151	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9661	0.25	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	115390	5.01	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	33948	2.27	ng/ul	99
7) Acenaphthylene	14.25	152	16904	0.76	ng/ul	96
8) Acenaphthene	14.59	153	9706	0.53	ng/ul	97
9) Fluorene	15.57	166	15147	0.70	ng/ul	93
11) Pentachlorophenol	16.94	266	272	0.20	ng/ul#	81
12) Phenanthrene	17.29	178	344917	11.27	ng/ul#	84
13) Anthracene	17.39	178	94047	3.16	ng/ul#	93
15) Fluoranthene	19.32	202	724516	18.01	ng/ul	84
17) Pyrene	19.68	202	683529	23.64	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	344696	12.50	ng/ul#	88
19) Chrysene	21.47	228	380063	11.94	ng/ul	95
21) Benzo(b)fluoranthene	23.20	252	433644	13.90	ng/ul	92
22) Benzo(k)fluoranthene	23.24	252	164990m	4.57	ng/ul	
23) Benzo(a)pyrene	23.87	252	307091m	9.47	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.71	276	224850m	6.78	ng/ul	
25) Dibenzo(a,h)anthracene	26.70	278	61561m	2.21	ng/ul	
26) Benzo(g,h,i)perylene	27.55	276	235123m	8.22	ng/ul	

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

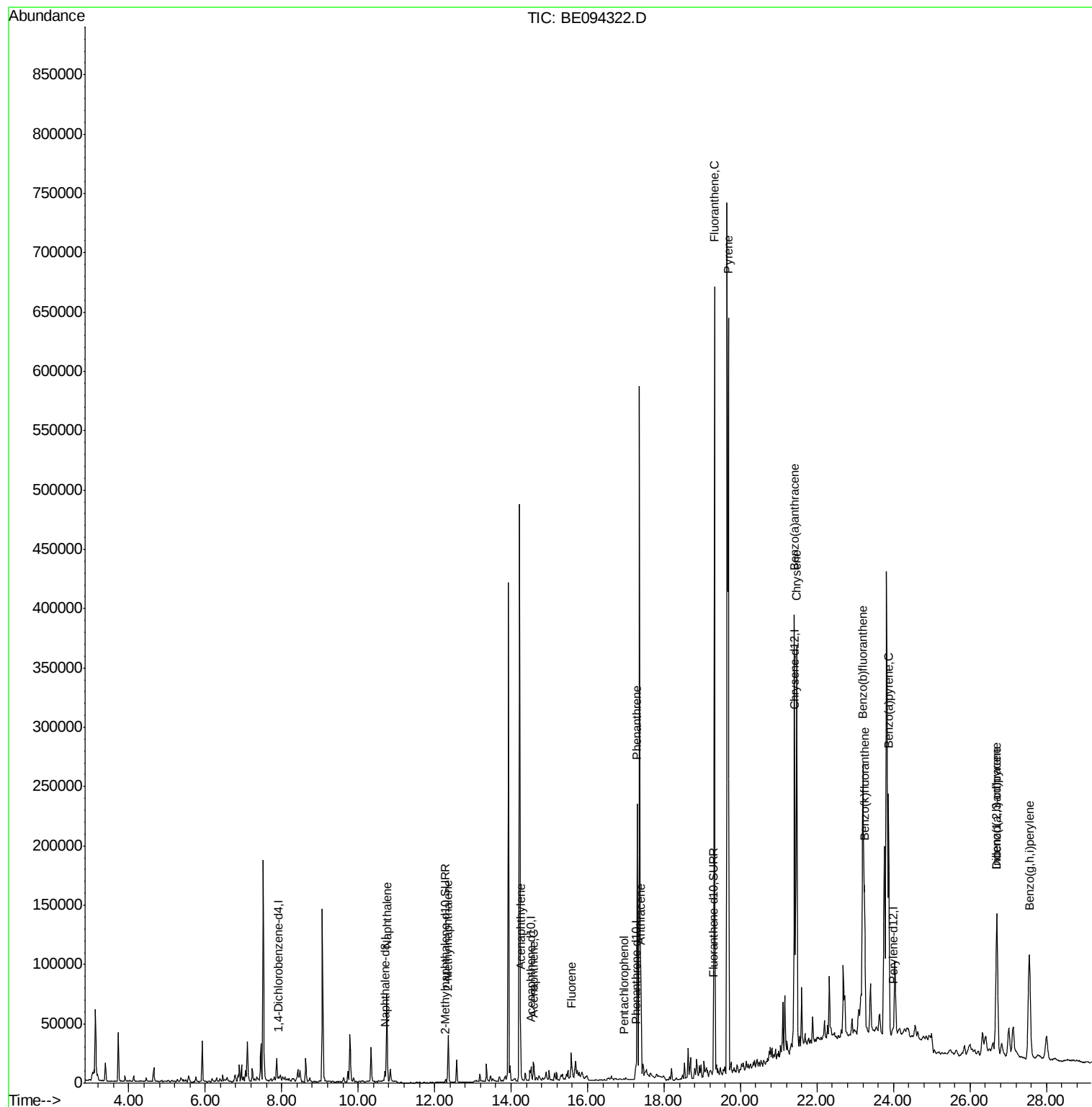
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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ALS Vial : 4 Sample Multiplier: 1

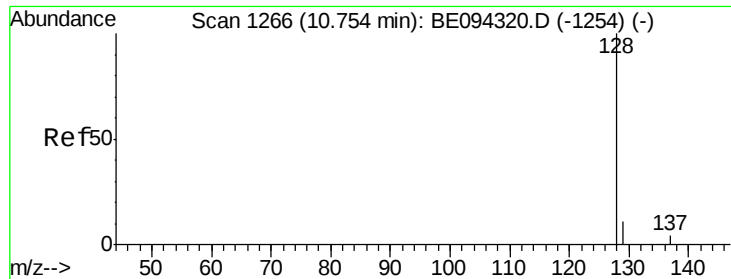
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#3

Naphthalene

Concen: 5.01 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

Instrument :

BNA_E

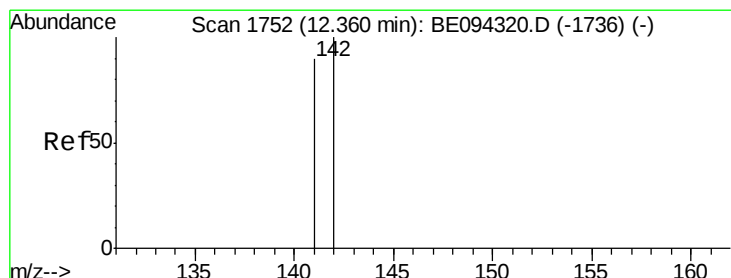
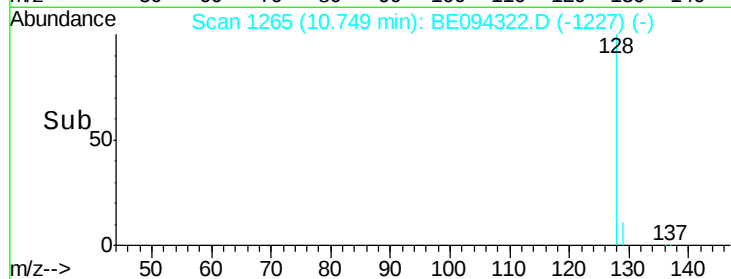
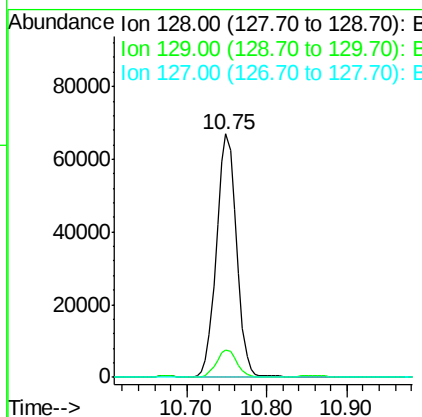
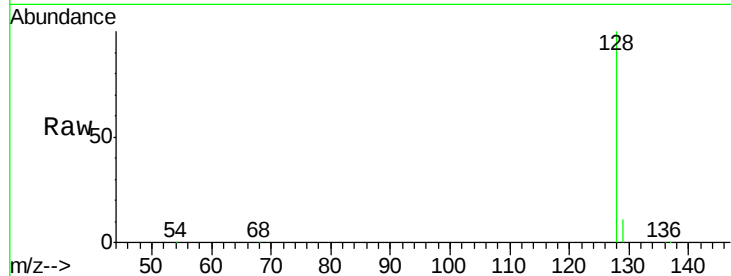
ClientSampleId :

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Tgt Ion:	128	Resp:	115390
Ion Ratio	Lower	Upper	
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 2.27 ng/ul

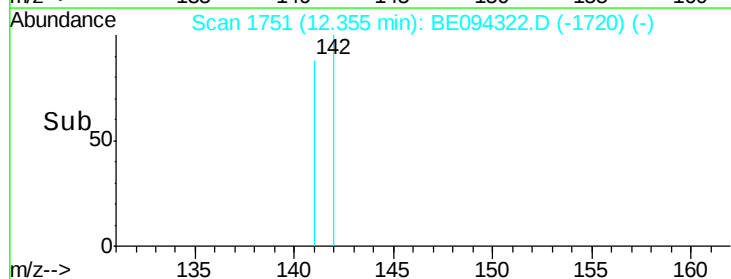
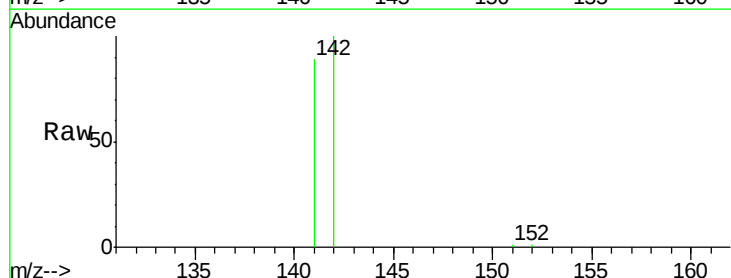
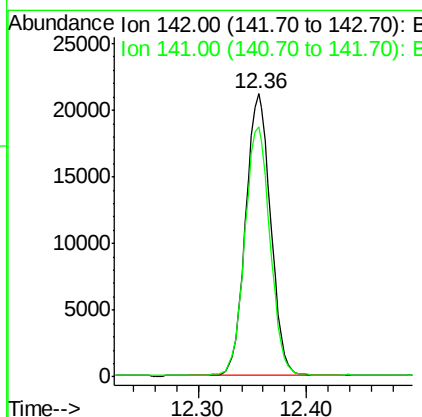
RT: 12.36 min Scan# 1751

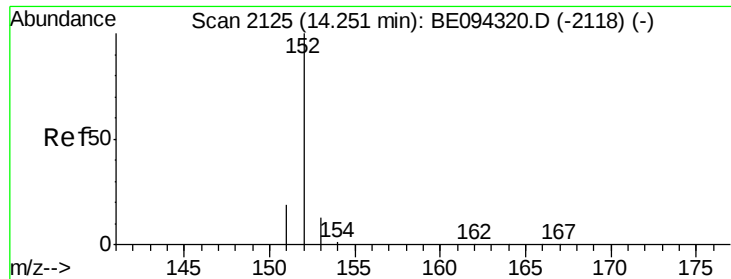
Delta R.T. -0.00 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

Tgt Ion:	142	Resp:	33948
Ion Ratio	Lower	Upper	
142	100		
141	89.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.76 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

Instrument :

BNA_E

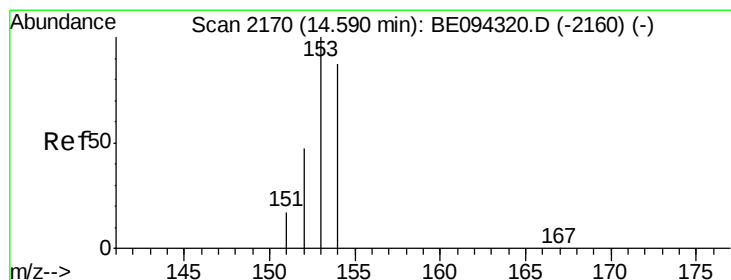
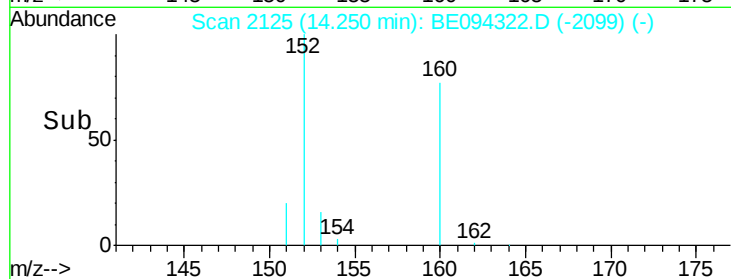
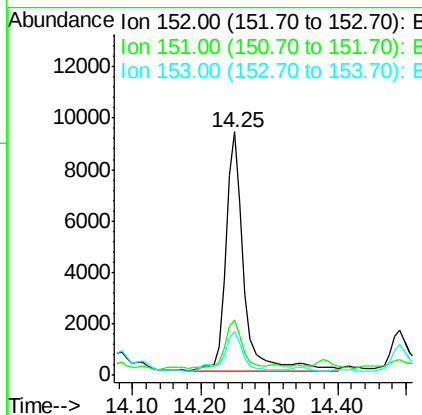
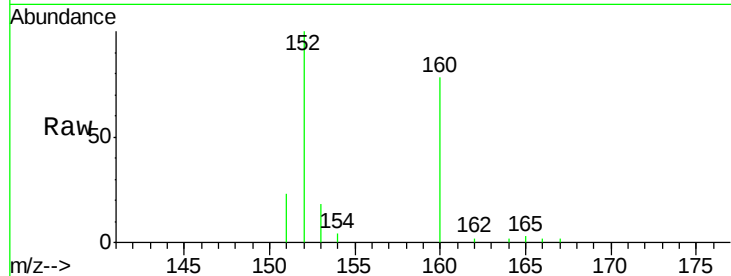
ClientSampleId :

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Tgt Ion:	152	Resp:	16904
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.1	25.7
153	18.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.53 ng/ul

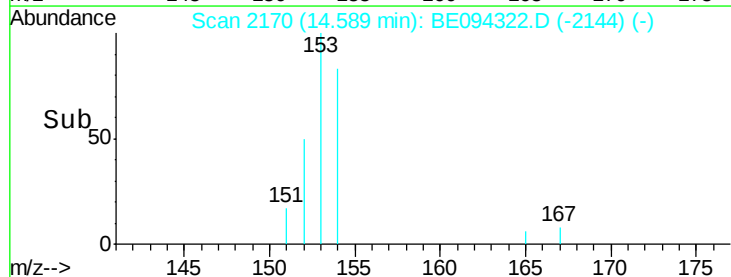
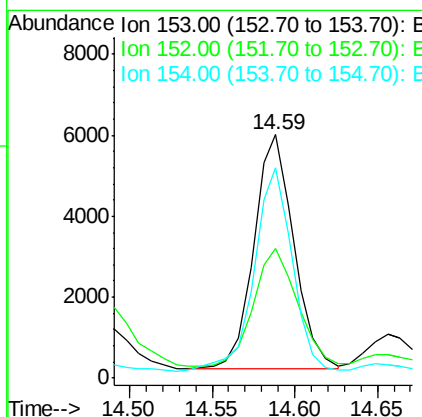
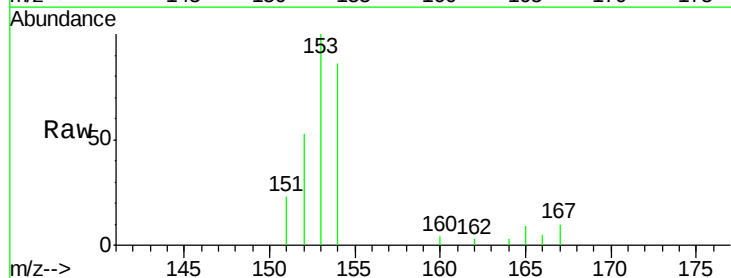
RT: 14.59 min Scan# 2170

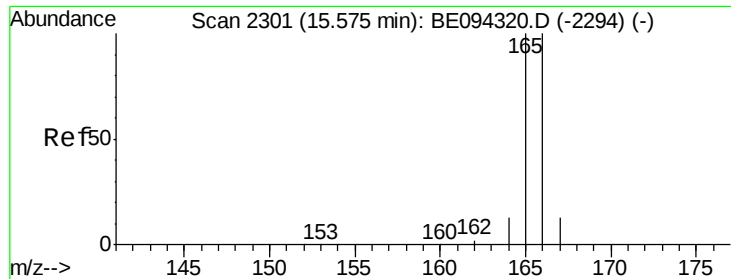
Delta R.T. -0.00 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

Tgt Ion:	153	Resp:	9706
Ion Ratio	Lower	Upper	
153	100		
152	53.1	40.3	60.5
154	86.3	71.4	107.2





#9

Fluorene

Concen: 0.70 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

Instrument :

BNA_E

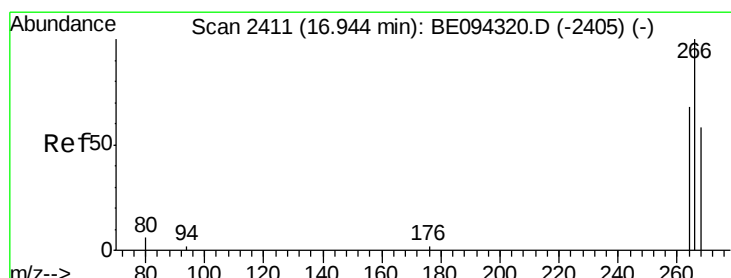
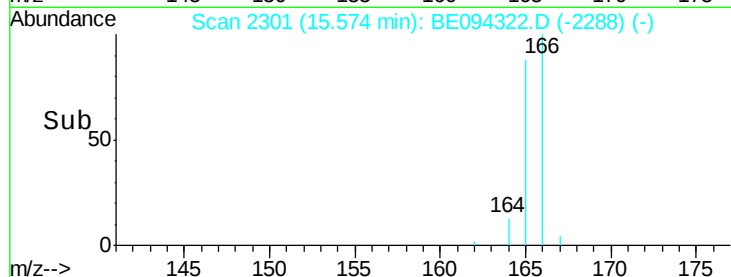
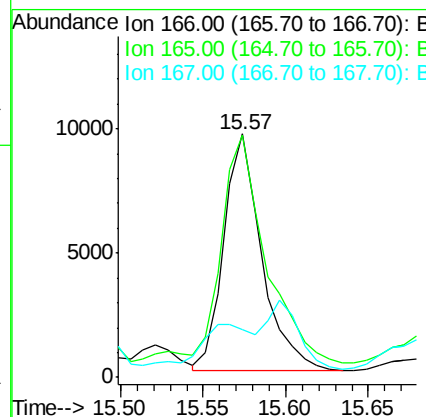
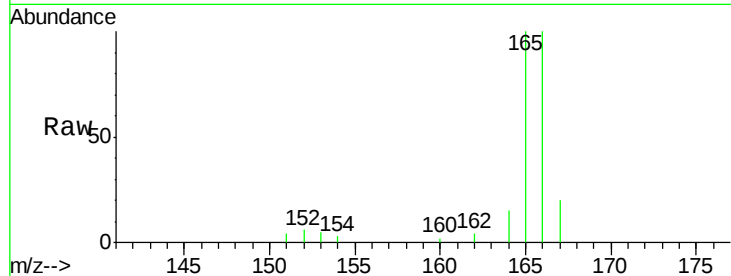
ClientSampleId :

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Tgt Ion:	166	Resp:	15147
Ion Ratio	Lower	Upper	
166	100		
165	99.6	73.4	110.2
167	19.7	14.6	22.0

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#11

Pentachlorophenol

Concen: 0.20 ng/ul

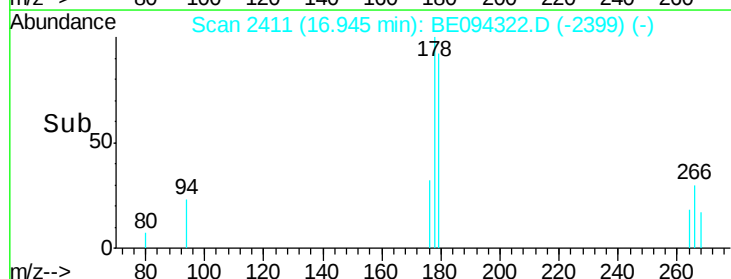
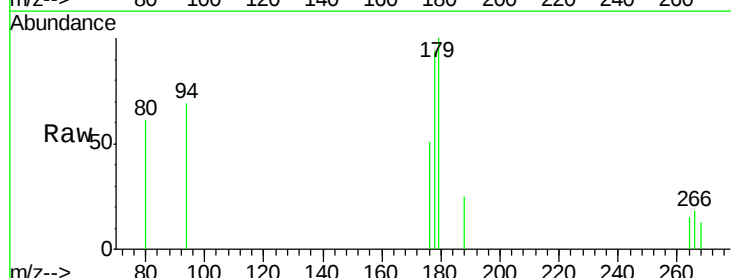
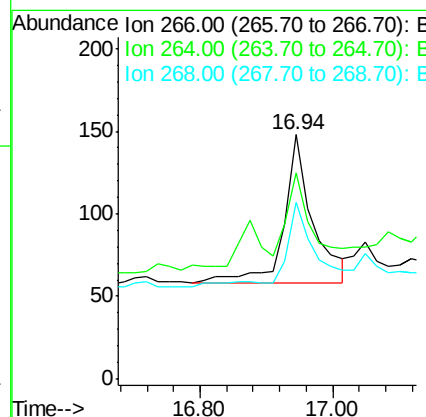
RT: 16.94 min Scan# 2411

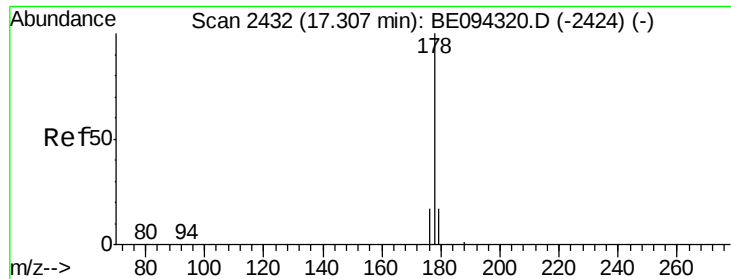
Delta R.T. 0.00 min

Lab File: BE094322.D

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Tgt Ion:	266	Resp:	272
Ion Ratio	Lower	Upper	
266	100		
264	46.3	47.9	71.9#
268	46.3	49.8	74.8#





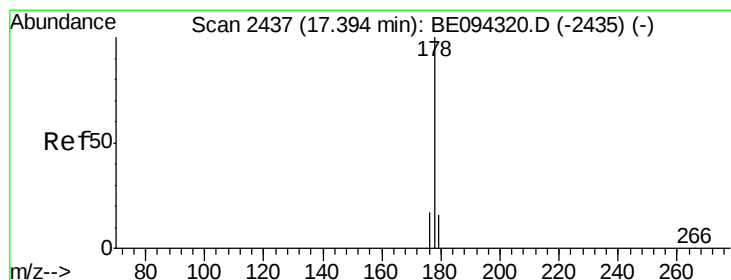
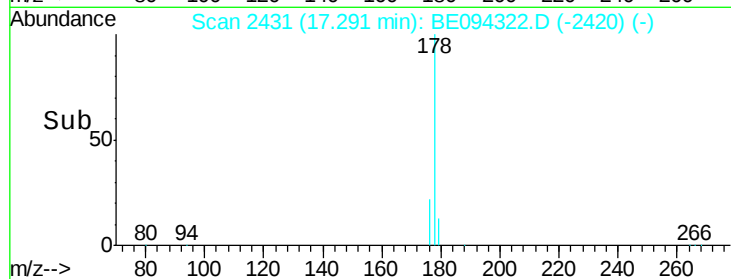
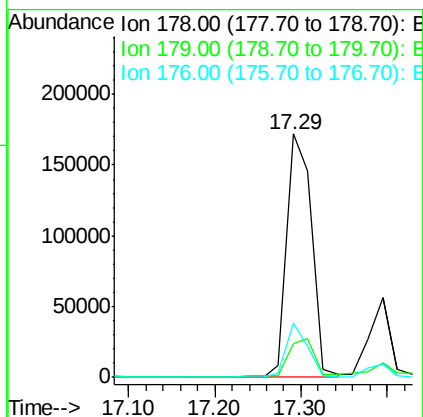
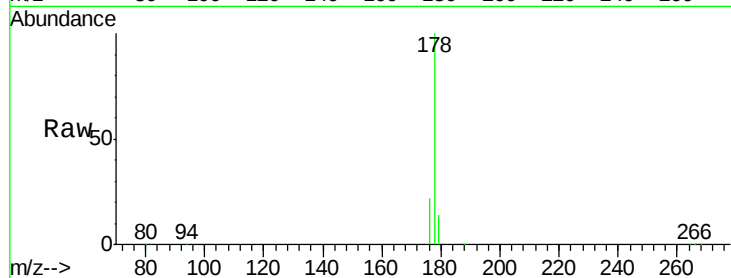
#12
Phenanthrene
Concen: 11.27 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094322.D
Acq: 13 Oct 2017 13:17

Instrument :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	18.4	27.6#
176	22.0	13.6	20.4#

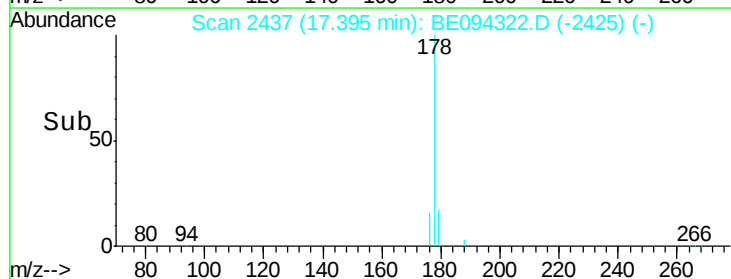
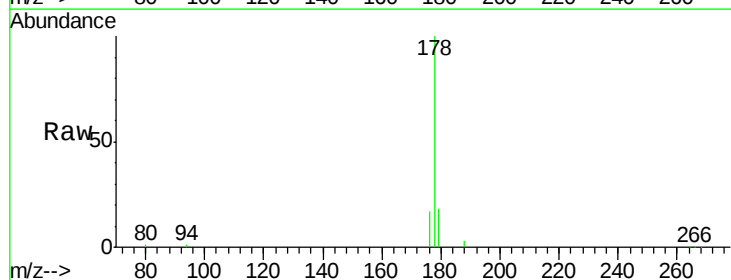
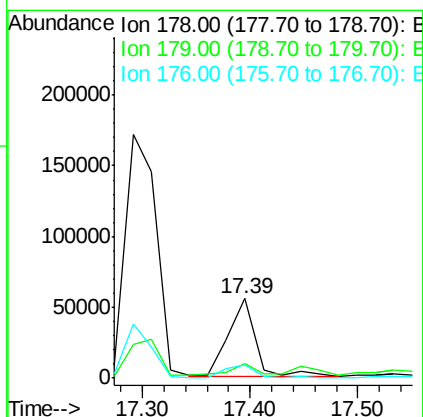
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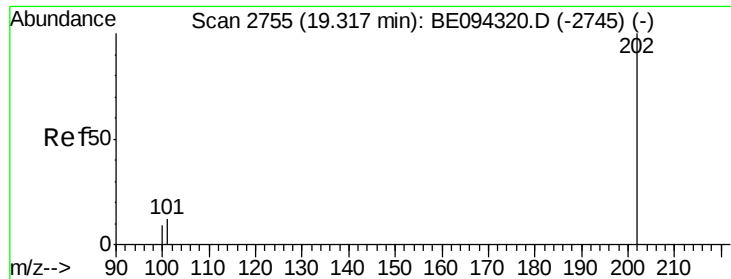
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#13
Anthracene
Concen: 3.16 ng/ul
RT: 17.39 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BE094322.D
Acq: 13 Oct 2017 13:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.1	27.1#
176	16.8	14.7	22.1





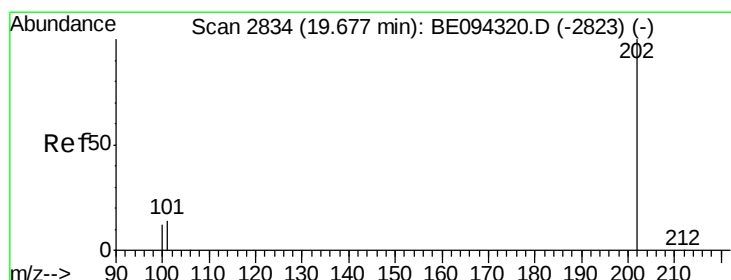
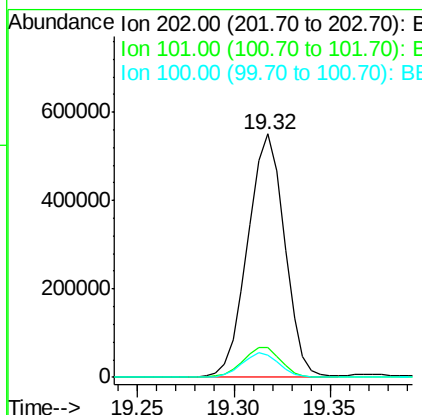
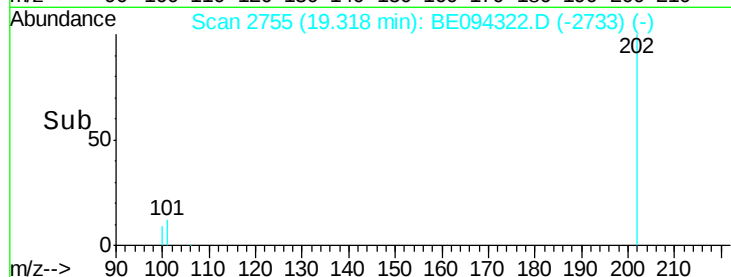
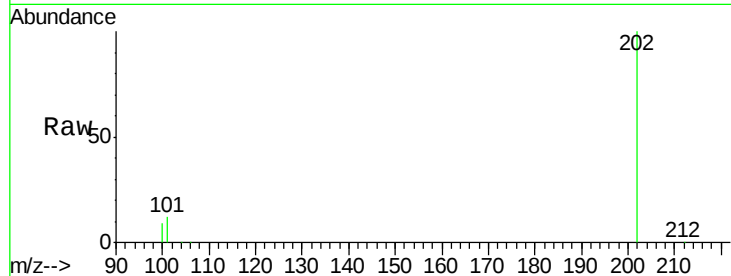
#15
Fluoranthene
 Concen: 18.01 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BE094322.D
 Acq: 13 Oct 2017 13:17

Instrument :
 BNA_E
 ClientSampleId :
 B-56(1-2)-092717

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	0.0	30.3
100	9.3	0.0	39.5

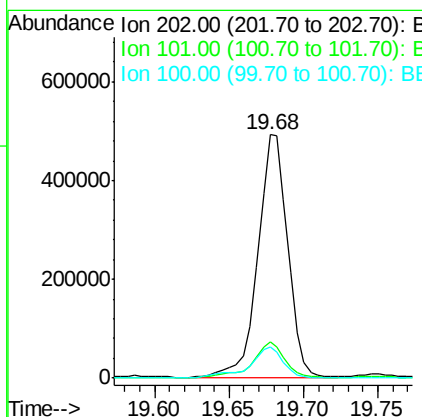
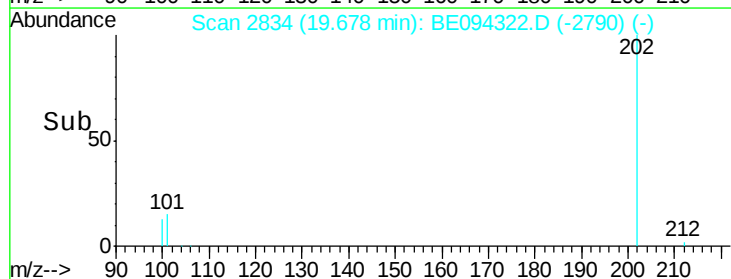
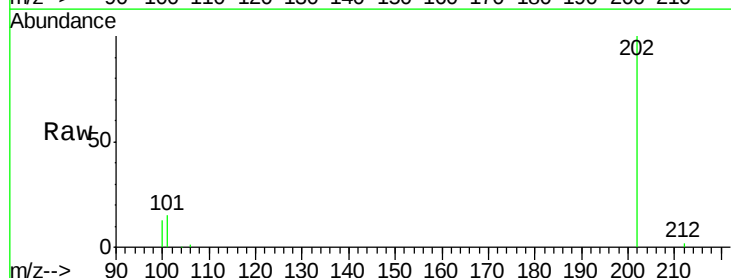
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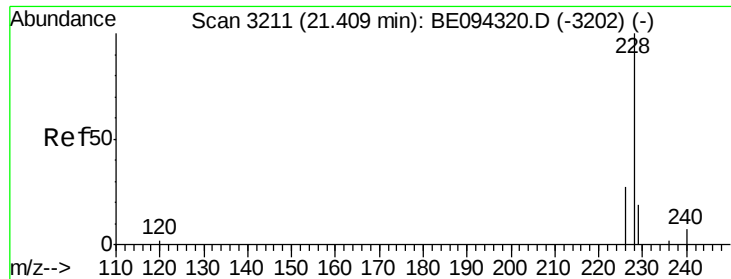
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#17
Pyrene
 Concen: 23.64 ng/ul
 RT: 19.68 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BE094322.D
 Acq: 13 Oct 2017 13:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.9	18.2	27.4#
100	13.0	15.6	23.4#





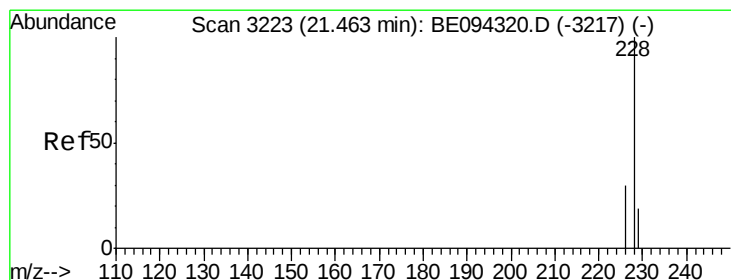
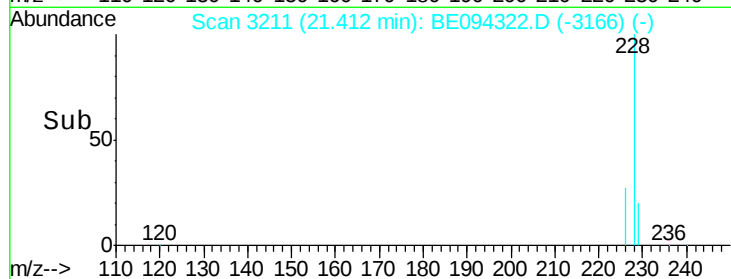
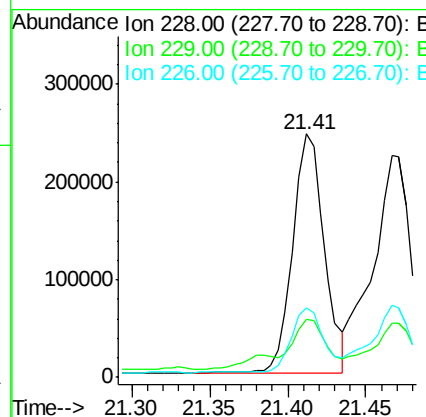
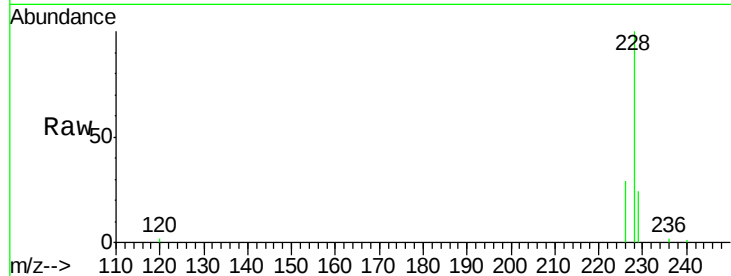
#18
Benzo(a)anthracene
Concen: 12.50 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE094322.D
Acq: 13 Oct 2017 13:17

Instrument :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.9	22.8	34.2
226	28.8	17.0	25.6

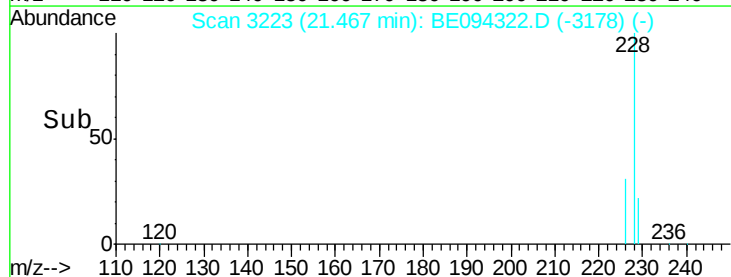
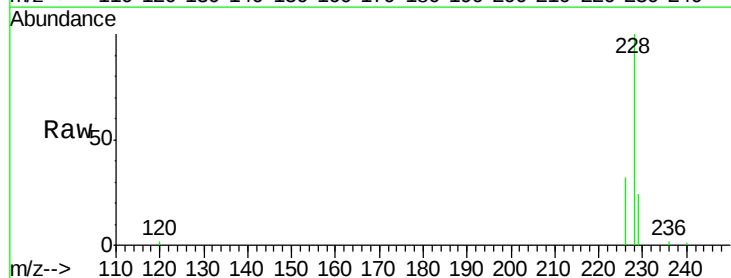
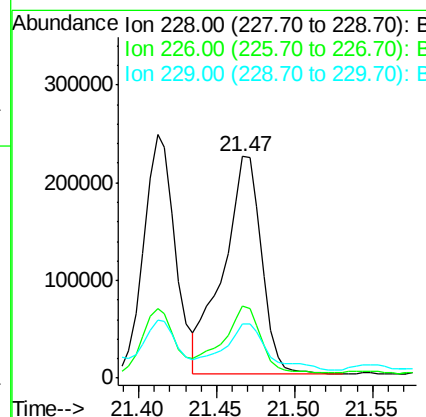
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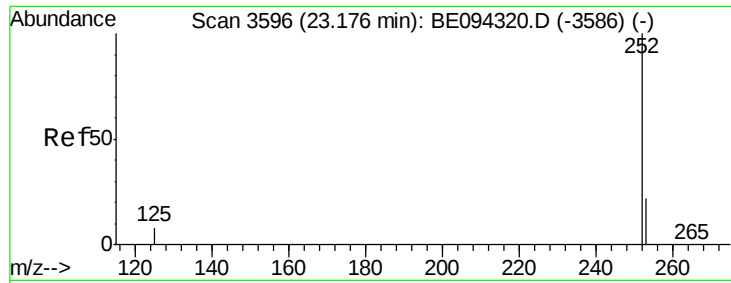
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#19
Chrysene
Concen: 11.94 ng/ul
RT: 21.47 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BE094322.D
Acq: 13 Oct 2017 13:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.0
229	24.3	17.7	26.5





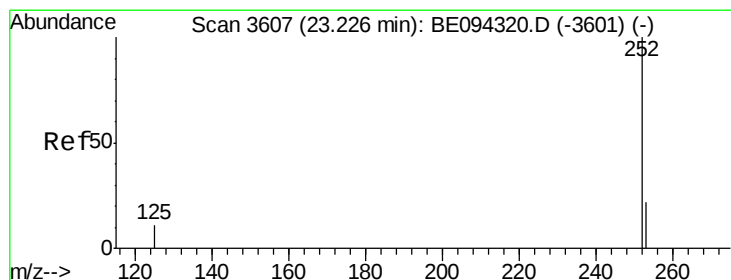
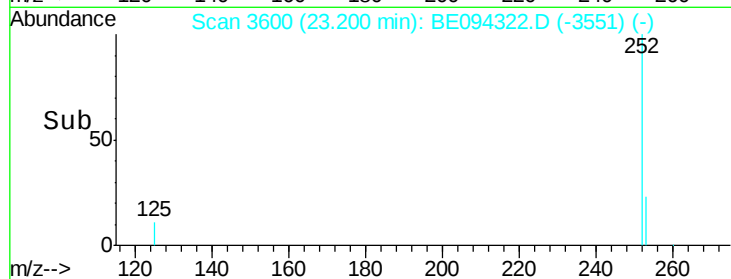
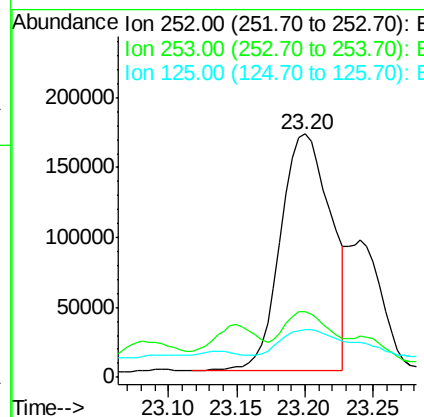
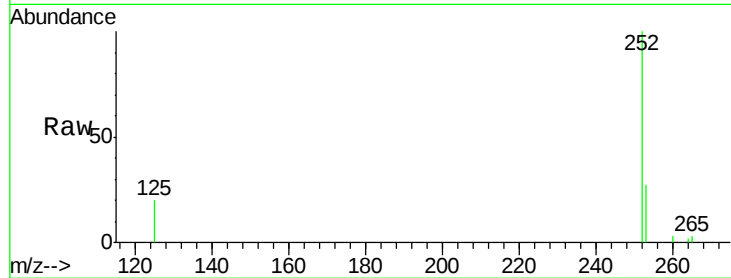
#21
Benzo(b)fluoranthene
Concen: 13.90 ng/u1
RT: 23.20 min Scan# 3600
Delta R.T. 0.02 min
Lab File: BE094322.D
Acq: 13 Oct 2017 13:17

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.1	0.0	64.2
125	19.7	0.0	35.0

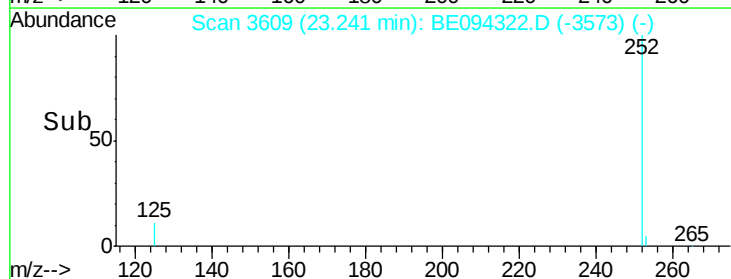
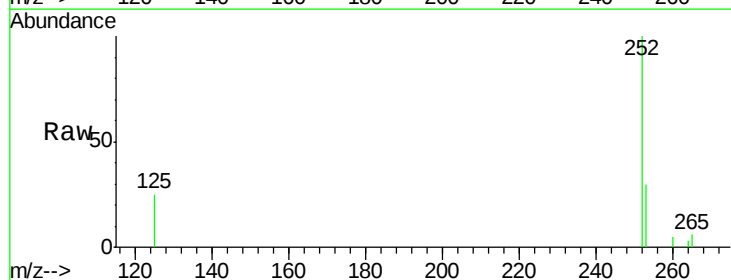
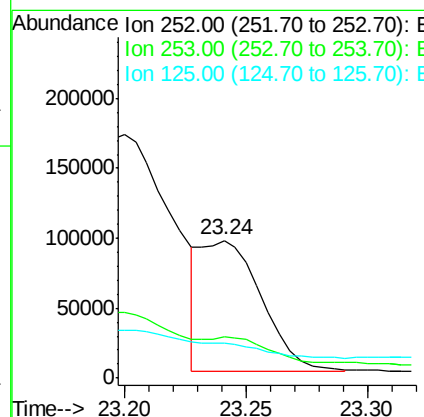
Manual Integrations
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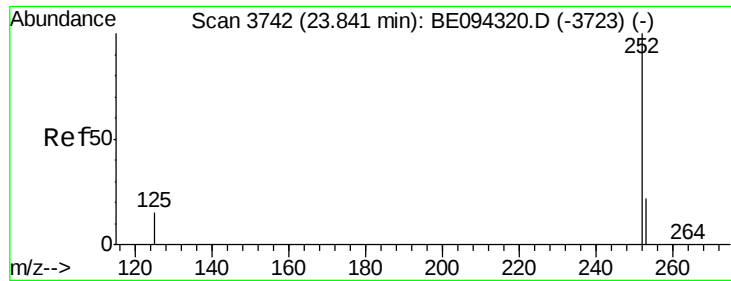
Sohil
10/16/2017 8:22:36 PM



#22
Benzo(k)fluoranthene
Concen: 4.57 ng/u1 m
RT: 23.24 min Scan# 3609
Delta R.T. 0.01 min
Lab File: BE094322.D
Acq: 13 Oct 2017 13:17

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	29.6	24.5	36.7
125	25.4	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 9.47 ng/ul m

RT: 23.87 min Scan# 3747

Delta R.T. 0.03 min

Lab File: BE094322.D

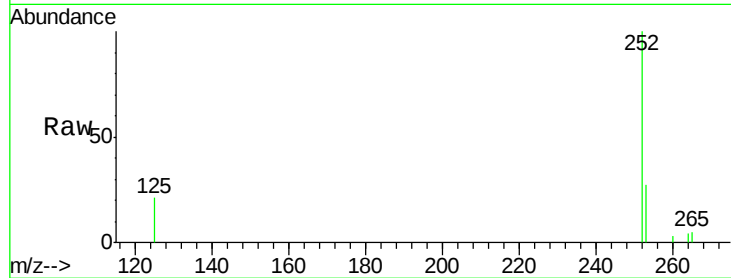
Acq: 13 Oct 2017 13:17

Instrument :

BNA_E

ClientSampleId :

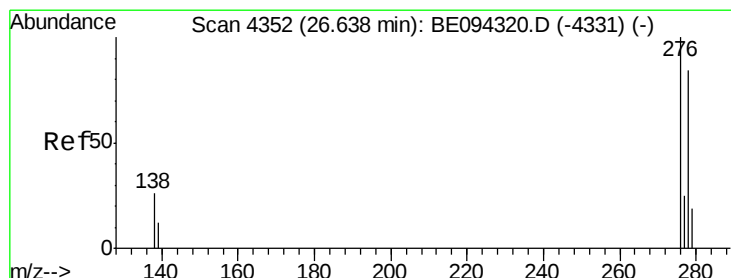
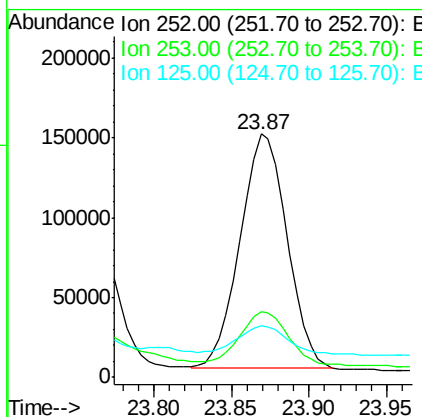
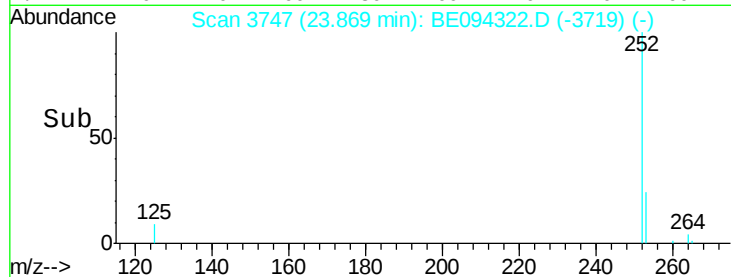
B-56(1-2)-092717



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	307091		
253	26.9	28.5	42.7#	
125	21.2	18.1	27.1	

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#24

Indeno(1,2,3-cd)pyrene

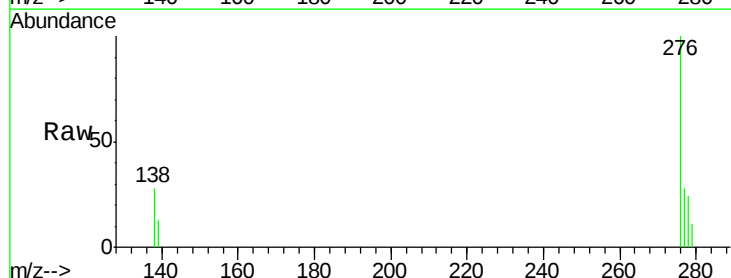
Concen: 6.78 ng/ul m

RT: 26.71 min Scan# 4366

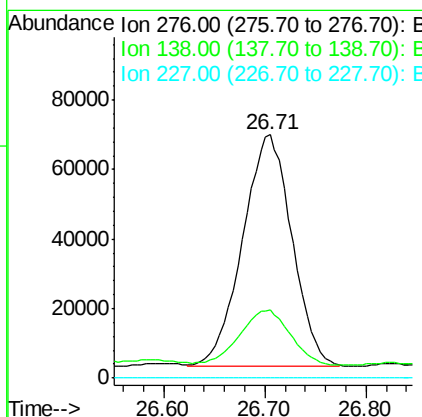
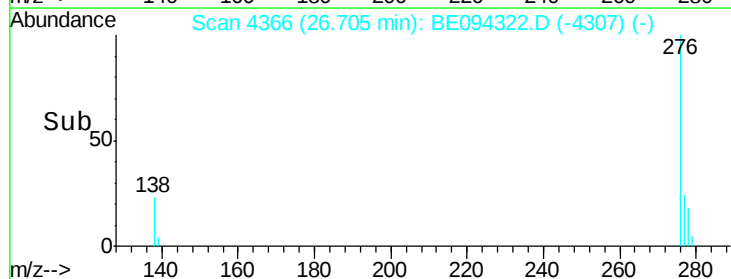
Delta R.T. 0.07 min

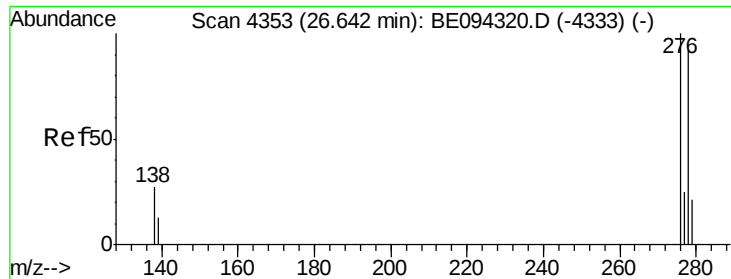
Lab File: BE094322.D

Acq: 13 Oct 2017 13:17



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	224850		
138	0.4	28.0	42.0#	
227	0.0	8.0	12.0#	





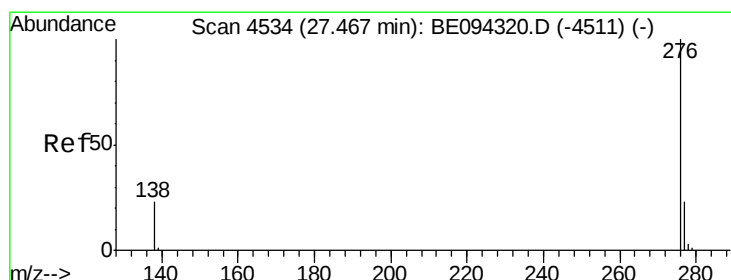
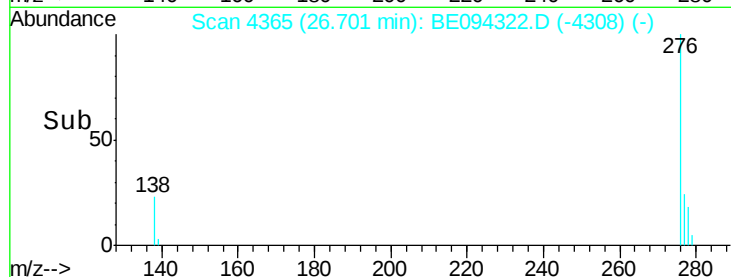
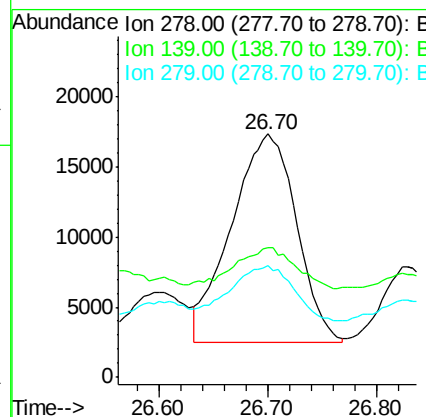
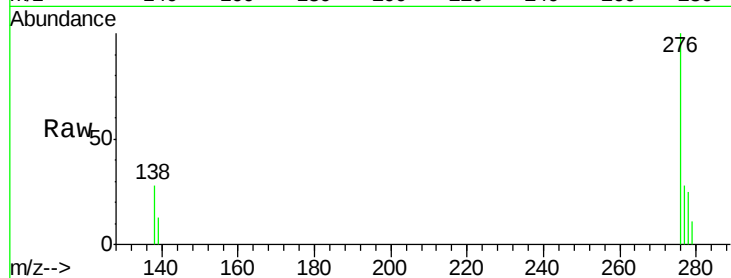
#25
 Dibenzo(a,h)anthracene
 Concen: 2.21 ng/ul m
 RT: 26.70 min Scan# 4365
 Delta R.T. 0.06 min
 Lab File: BE094322.D
 Acq: 13 Oct 2017 13:17

Instrument :
 BNA_E
 ClientSampleId :
 B-56(1-2)-092717

Tgt Ion	Ratio	Lower	Upper
278	100		
139	53.1	17.4	26.0#
279	45.7	25.9	38.9#

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#26
 Benzo(g,h,i)perylene
 Concen: 8.22 ng/ul m
 RT: 27.55 min Scan# 4551
 Delta R.T. 0.08 min
 Lab File: BE094322.D
 Acq: 13 Oct 2017 13:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.8	32.8
277	28.4	20.5	30.7

