

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094719.D
 Acq On : 3 Nov 2017 22:06
 Operator : SJ/JU
 Sample : I5902-04 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-12(1-3)-101317

Manual Integrations
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Sohil
 11/4/2017 2:16:42 PM

Quant Time: Nov 04 00:32:11 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 01:15:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1549	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9259	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5179	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	10909	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10908	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12122	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	799	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1868	0.06	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	9909	0.438	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	3854	0.243	ng/ul	96
7) Acenaphthylene	14.24	152	2588	0.110	ng/ul	95
8) Acenaphthene	14.57	153	1285	0.076	ng/ul	95
9) Fluorene	15.56	166	1456	0.077	ng/ul#	91
12) Phenanthrene	17.29	178	31451m	1.092	ng/ul	
13) Anthracene	17.38	178	5791	0.204	ng/ul	95
15) Fluoranthene	19.30	202	52027	1.562	ng/ul	84
17) Pyrene	19.67	202	49951	1.481	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	34863	1.118	ng/ul#	89
19) Chrysene	21.46	228	45207	1.403	ng/ul	97
21) Benzo(b)fluoranthene	23.18	252	61269m	1.797	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	19581m	0.536	ng/ul	
23) Benzo(a)pyrene	23.84	252	35770	1.049	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.66	276	24733	0.701	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	6155	0.207	ng/ul#	82
26) Benzo(g,h,i)perylene	27.50	276	20595	0.727	ng/ul	95

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

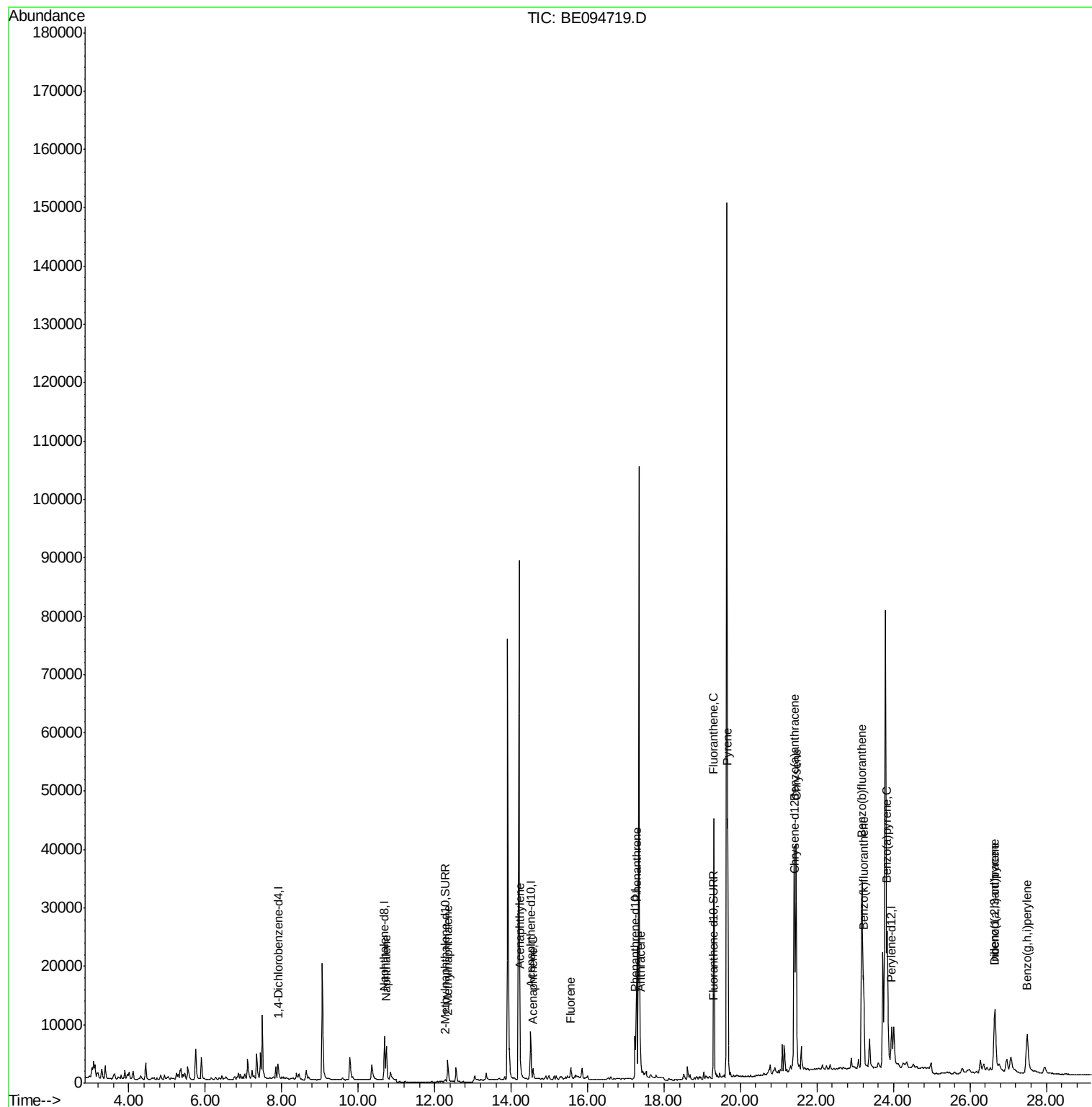
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 19 Sample Multiplier: 1

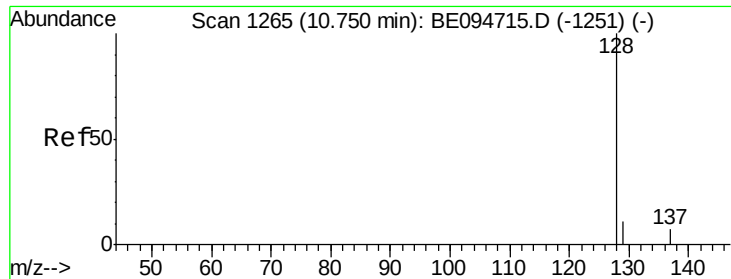
Instrument :
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QLast Update : Sat Nov 04 01:15:30 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.438 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094719.D

Acq: 3 Nov 2017 22:06

Instrument :

BNA_E

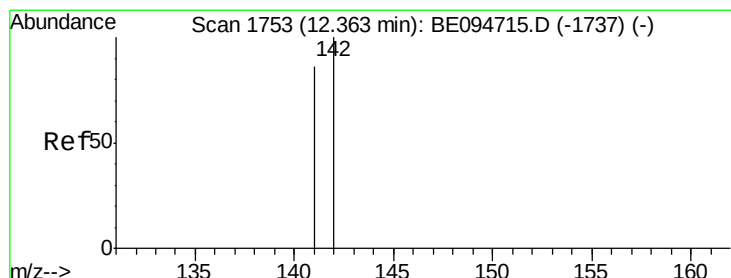
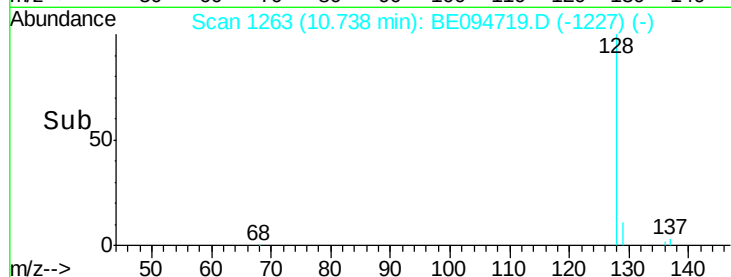
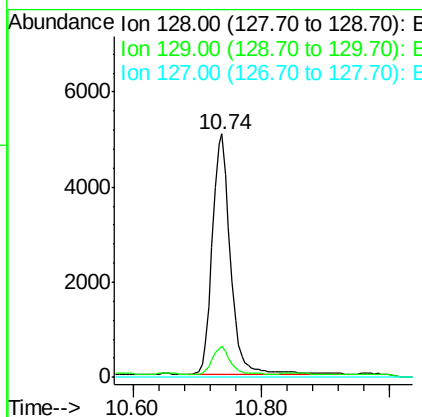
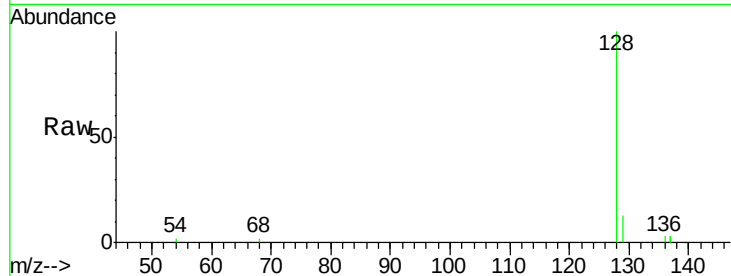
ClientSampleId :

B-12(1-3)-101317

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.243 ng/ul

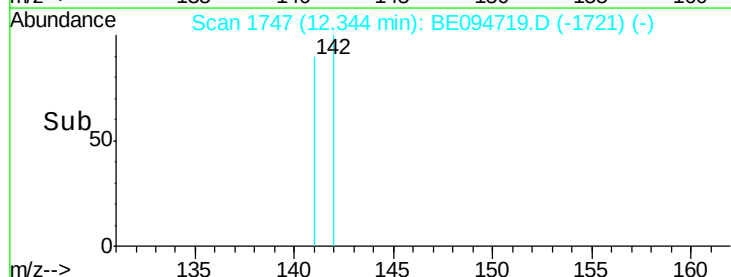
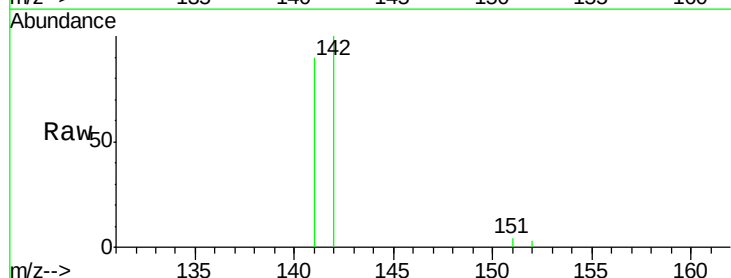
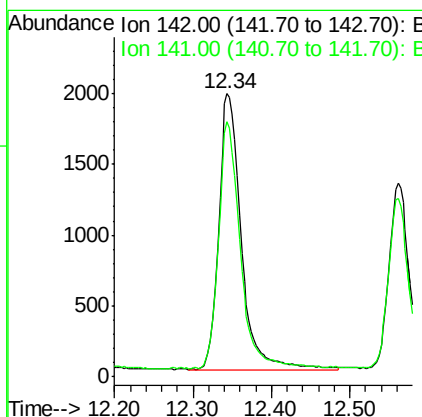
RT: 12.34 min Scan# 1747

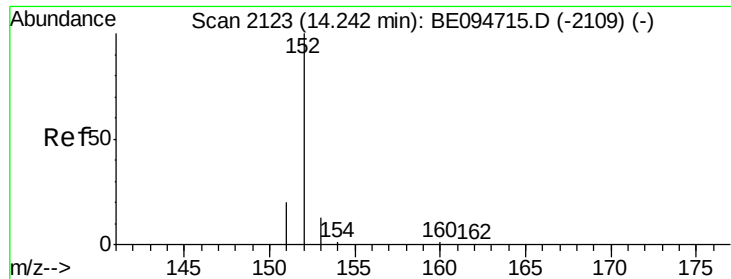
Delta R.T. -0.02 min

Lab File: BE094719.D

Acq: 3 Nov 2017 22:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.110 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094719.D

Acq: 3 Nov 2017 22:06

Instrument :

BNA_E

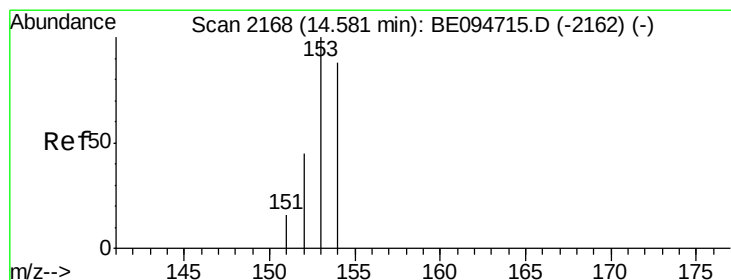
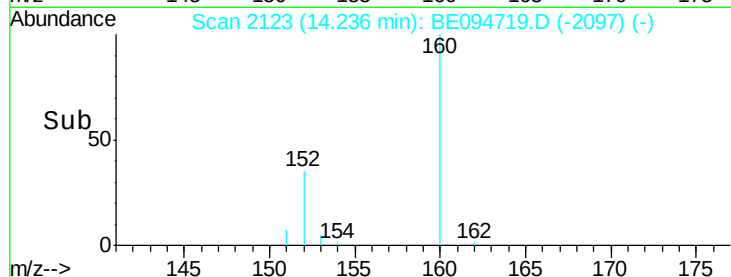
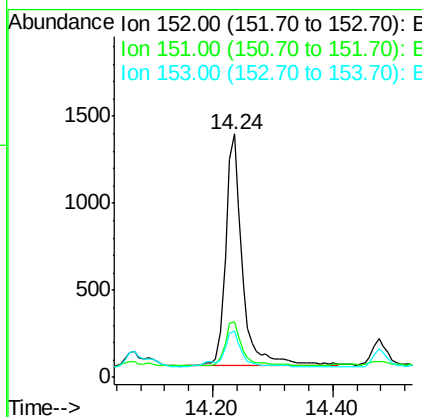
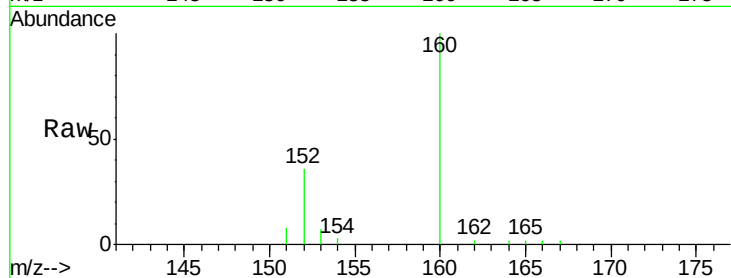
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Tgt Ion:	152	Resp:	2588
Ion Ratio	Lower	Upper	
152	100		
151	22.9	17.1	25.7
153	18.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.076 ng/ul

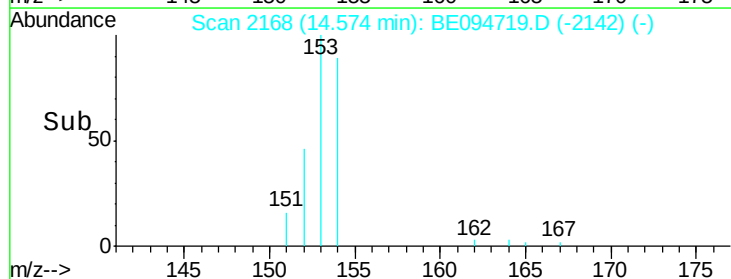
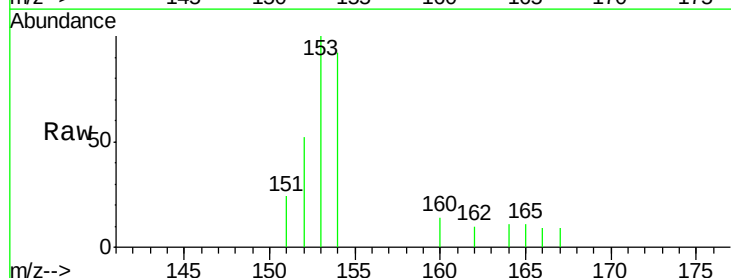
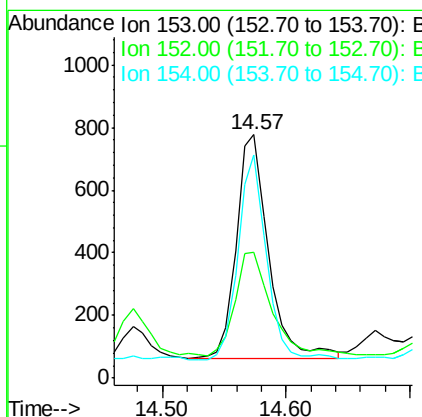
RT: 14.57 min Scan# 2168

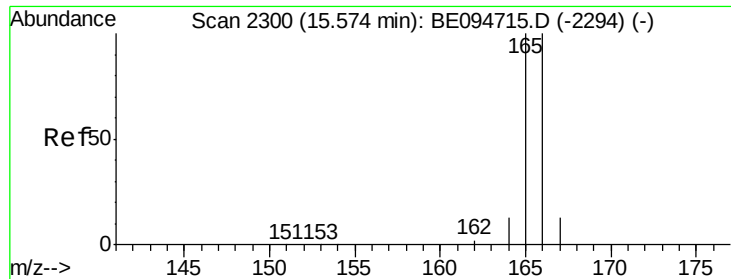
Delta R.T. -0.01 min

Lab File: BE094719.D

Acq: 3 Nov 2017 22:06

Tgt Ion:	153	Resp:	1285
Ion Ratio	Lower	Upper	
153	100		
152	51.7	36.0	54.0
154	91.8	72.0	108.0





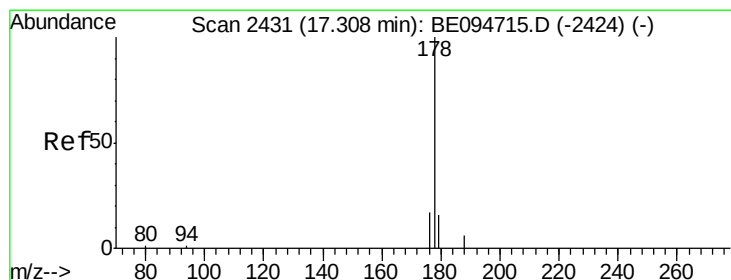
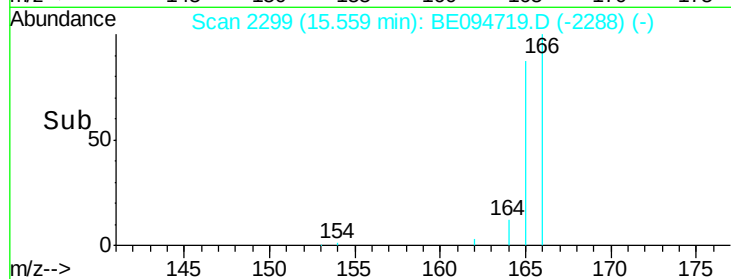
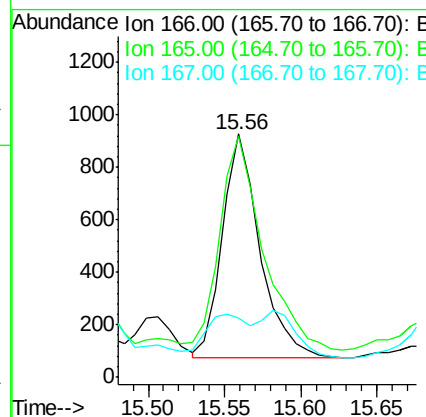
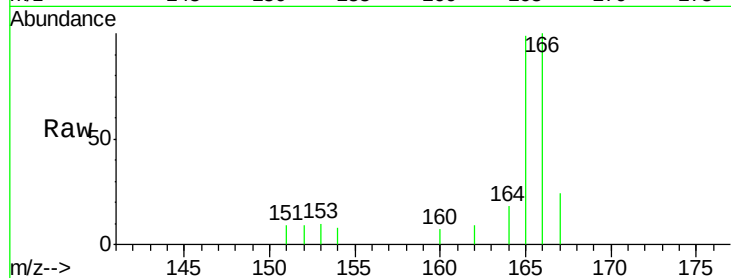
#9
Fluorene
 Concen: 0.077 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094719.D
 Acq: 3 Nov 2017 22:06

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 BNA_E
 ClientSampleId :
 B-12(1-3)-101317

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	73.4	110.2
167	24.5	14.6	22.0

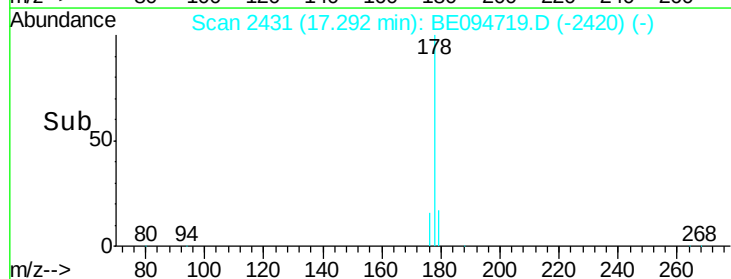
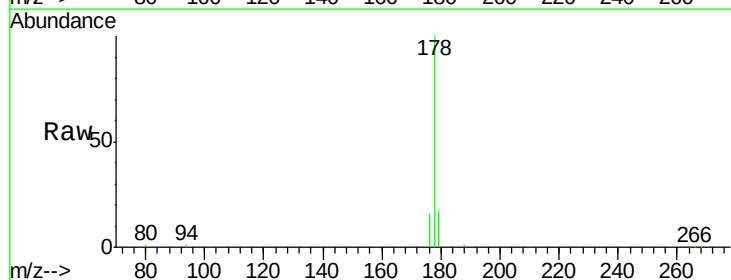
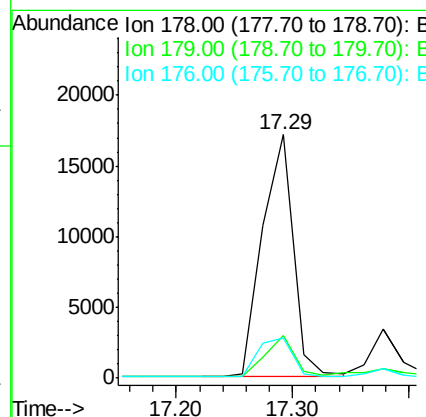
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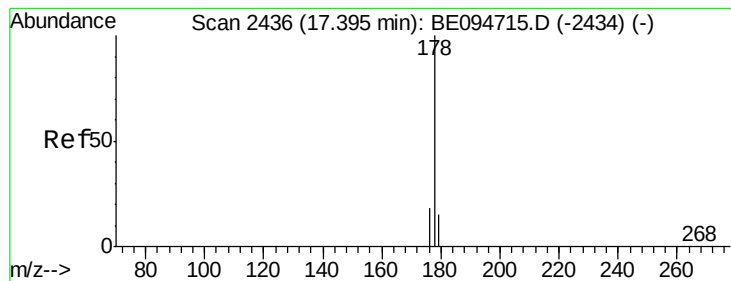
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#12
Phenanthrene
 Concen: 1.092 ng/ul m
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094719.D
 Acq: 3 Nov 2017 22:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.4	27.6
176	16.3	13.6	20.4





#13

Anthracene

Concen: 0.204 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094719.D

Acq: 3 Nov 2017 22:06

Instrument :

BNA_E

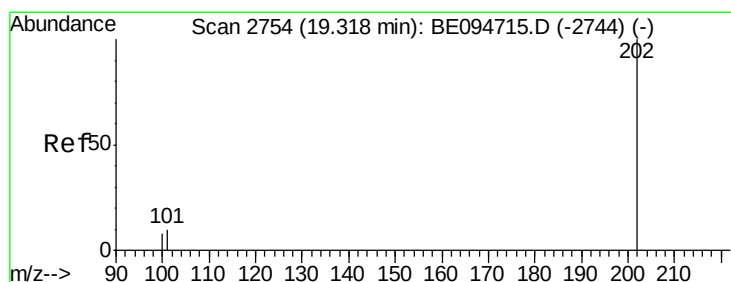
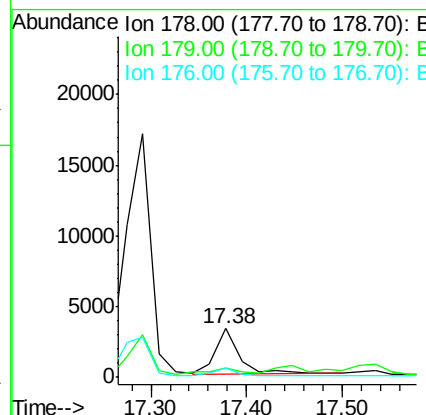
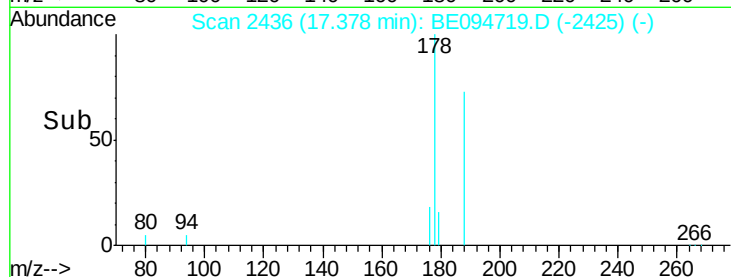
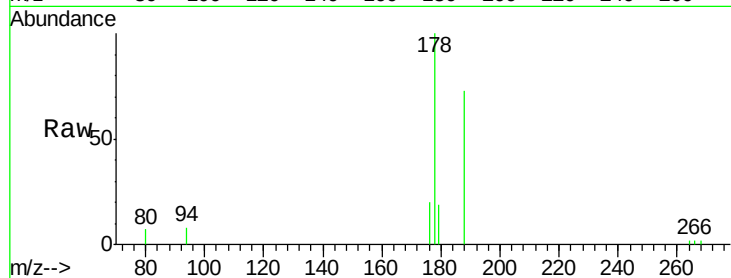
ClientSampleId :

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Tgt Ion:	178	Resp:	5791
Ion Ratio	Lower	Upper	
178	100		
179	19.2	18.1	27.1
176	19.6	14.7	22.1

Manual Integrations
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#15

Fluoranthene

Concen: 1.562 ng/ul

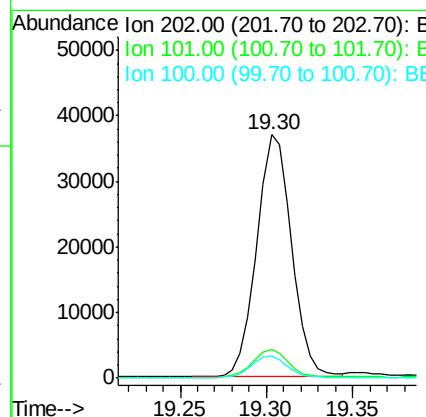
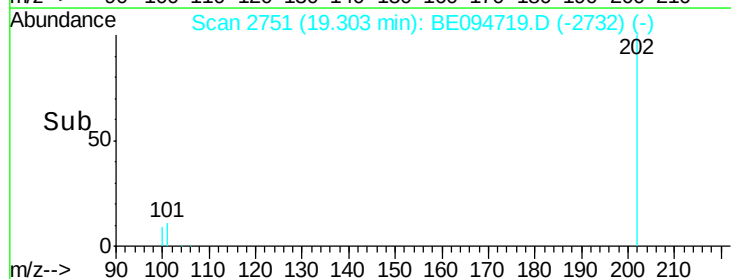
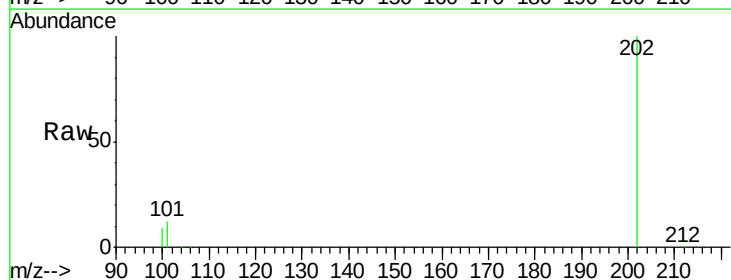
RT: 19.30 min Scan# 2751

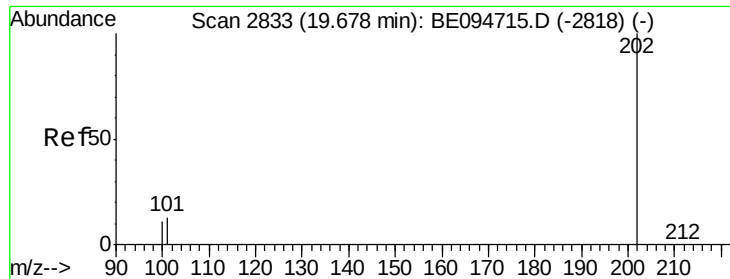
Delta R.T. -0.01 min

Lab File: BE094719.D

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Tgt Ion:	202	Resp:	52027
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	30.3
100	9.3	0.0	39.5





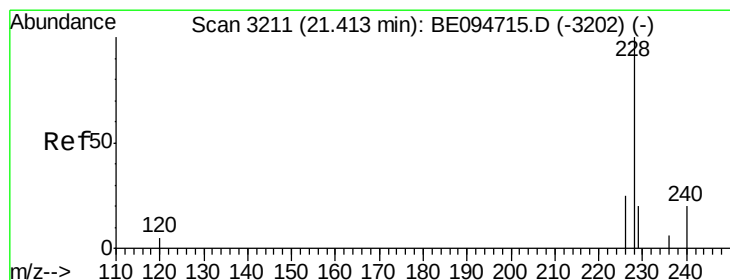
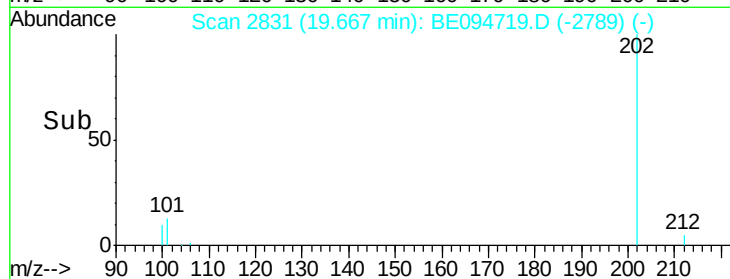
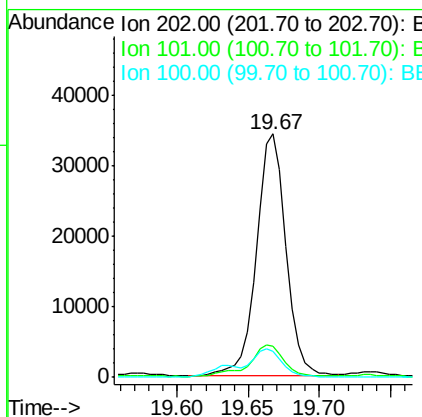
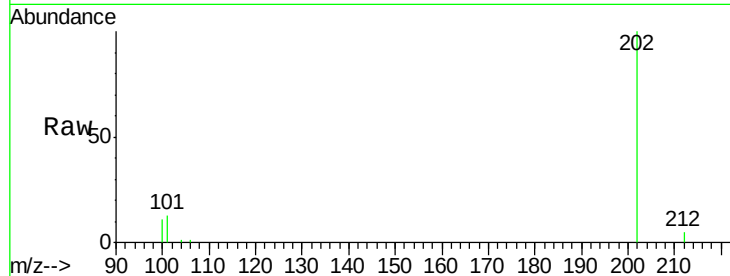
#17
Pyrene
 Concen: 1.481 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094719.D
 Acq: 3 Nov 2017 22:06

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	49951		
101	13.0	18.2	27.4#	
100	10.7	15.6	23.4#	

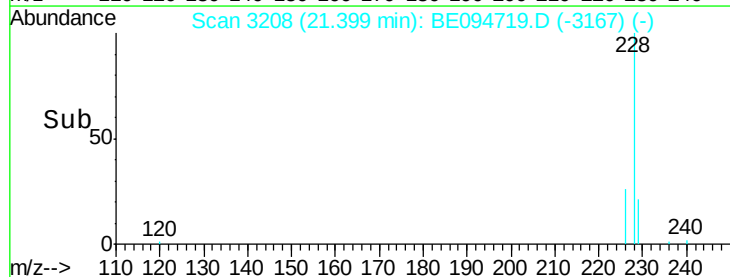
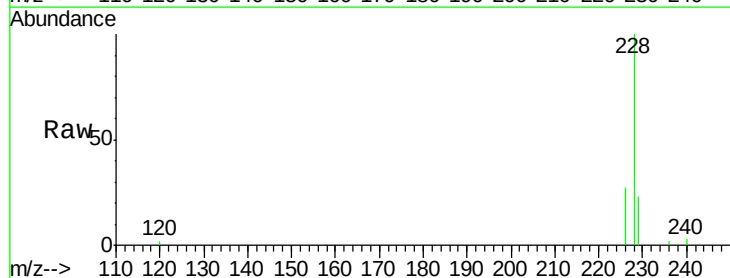
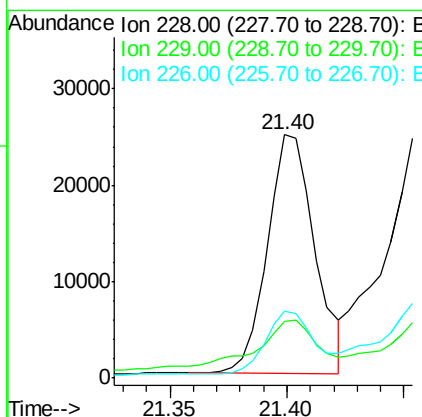
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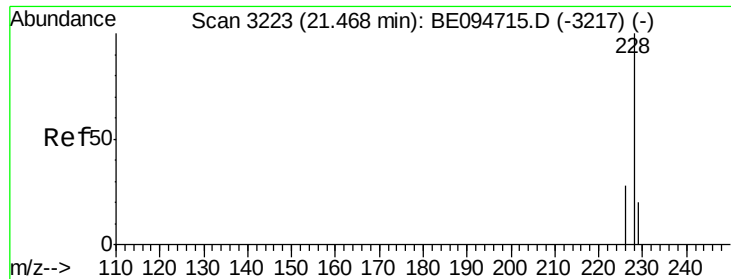
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#18
Benzo(a)anthracene
 Concen: 1.118 ng/ul
 RT: 21.40 min Scan# 3208
 Delta R.T. -0.01 min
 Lab File: BE094719.D
 Acq: 3 Nov 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	34863		
229	23.4	22.8	34.2	
226	27.5	17.0	25.6#	





#19

Chrysene

Concen: 1.403 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094719.D

Acq: 3 Nov 2017 22:06

Instrument :

BNA_E

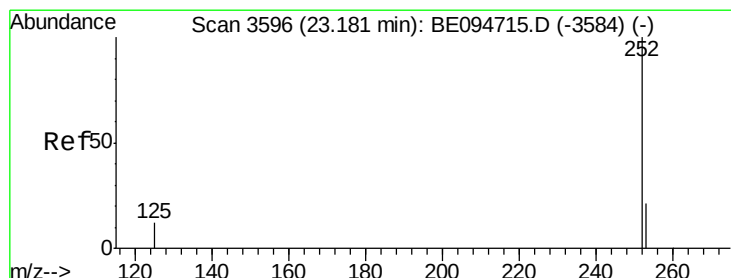
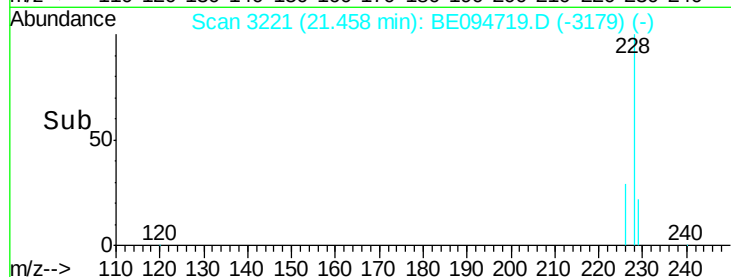
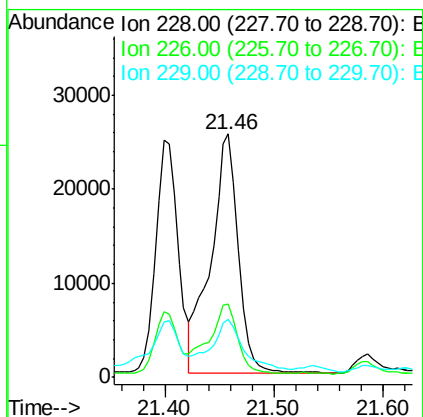
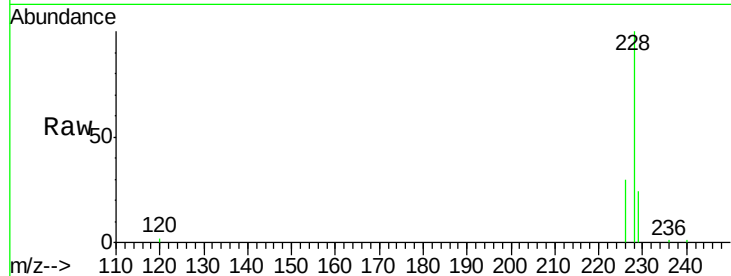
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Tgt Ion:	228	Resp:	45207
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	24.0	17.7	26.5

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 1.797 ng/ul m

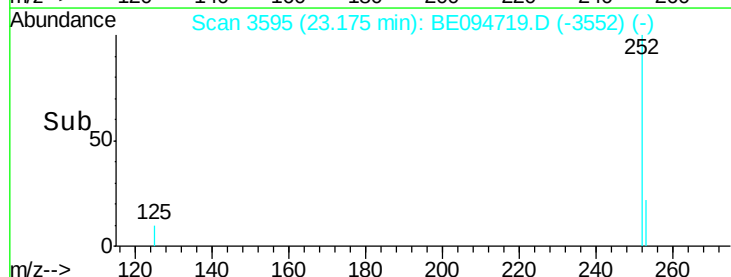
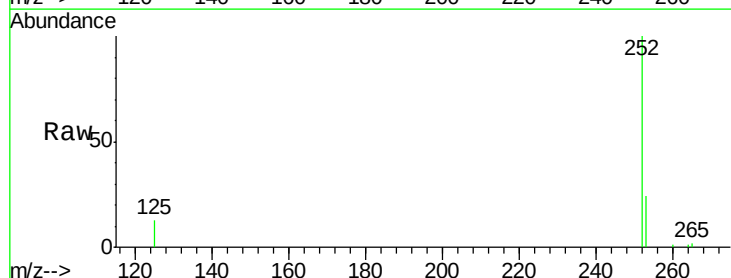
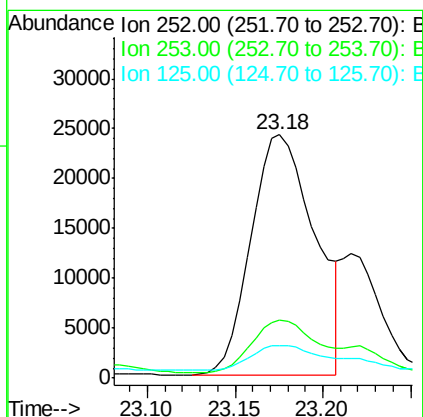
RT: 23.18 min Scan# 3595

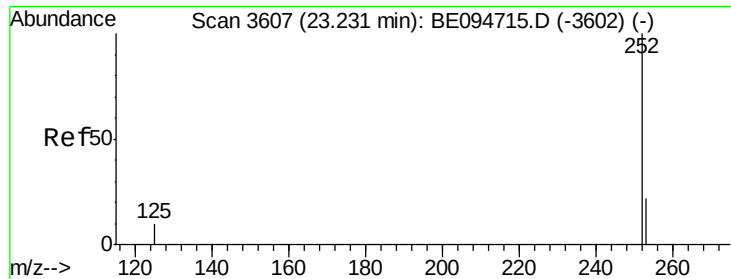
Delta R.T. -0.01 min

Lab File: BE094719.D

Acq: 3 Nov 2017 22:06

Tgt Ion:	252	Resp:	61269
Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	64.2
125	13.3	0.0	35.0





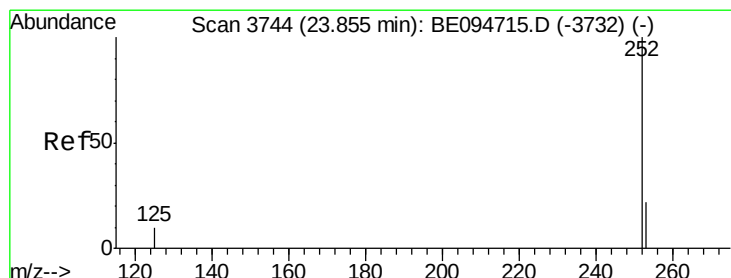
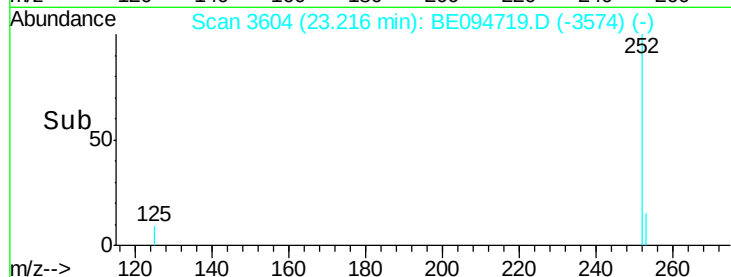
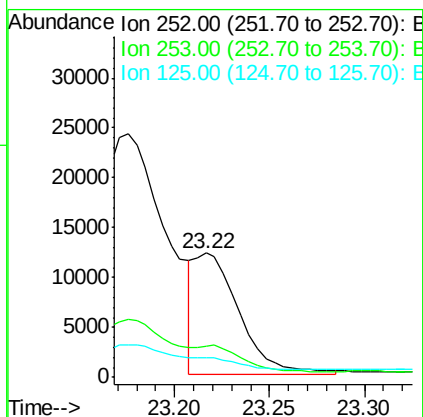
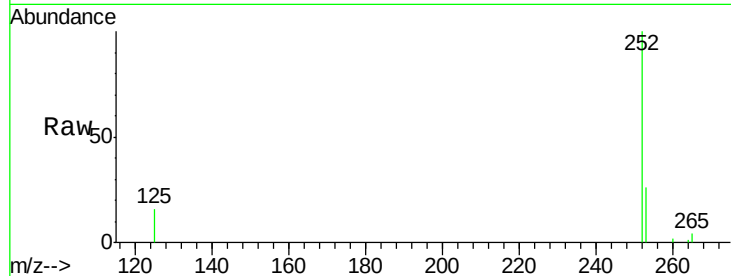
#22
Benzo(k)fluoranthene
Concen: 0.536 ng/ul m
RT: 23.22 min Scan# 3604
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	24.5	36.7
125	16.0	13.7	20.5

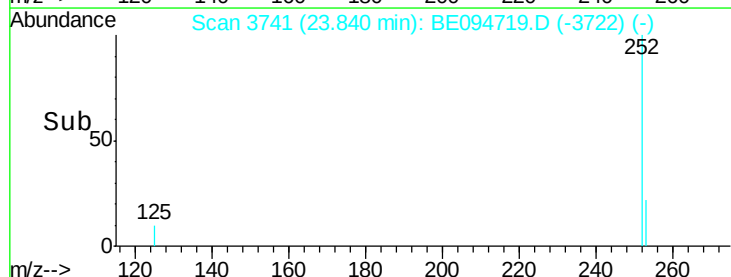
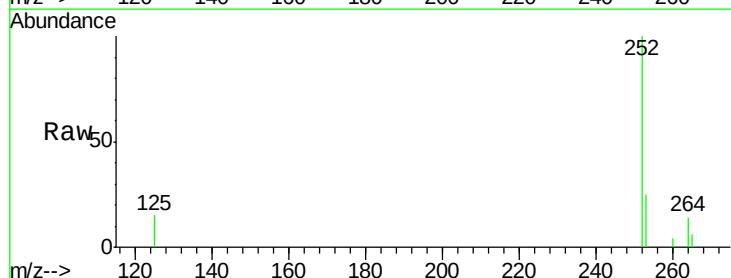
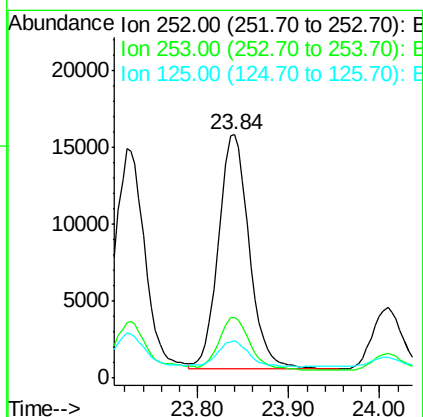
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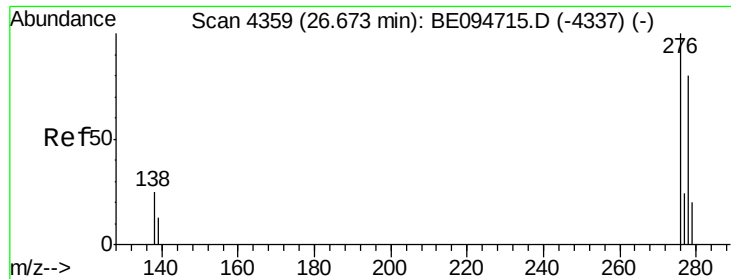
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#23
Benzo(a)pyrene
Concen: 1.049 ng/ul
RT: 23.84 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	28.5	42.7#
125	15.3	18.1	27.1#





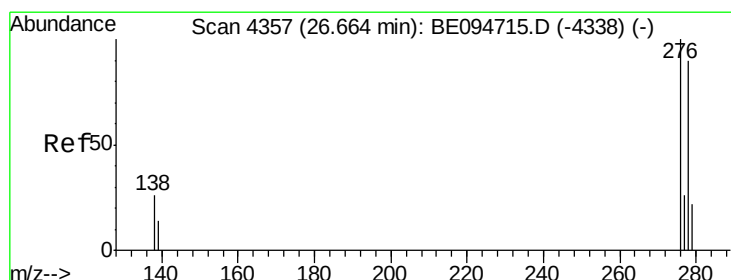
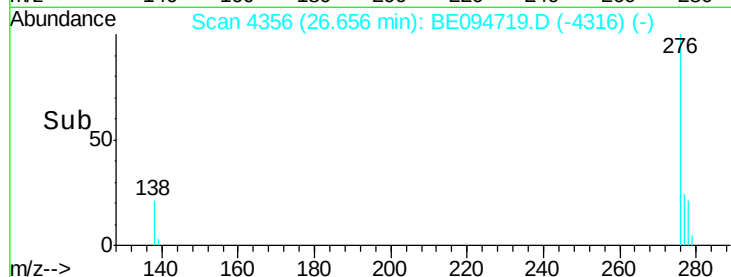
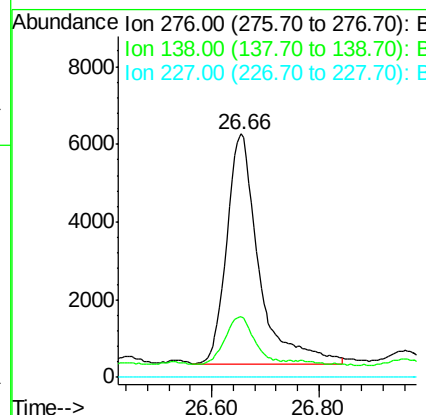
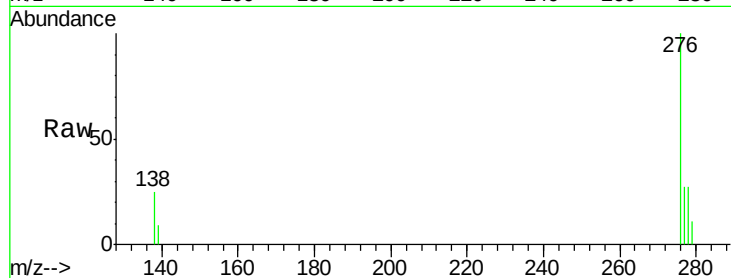
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.701 ng/ul
 RT: 26.66 min Scan# 4356
 Delta R.T. -0.02 min
 Lab File: BE094719.D
 Acq: 3 Nov 2017 22:06

Instrument :
 BNA_E
 ClientSampleId :
 B-12(1-3)-101317

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	28.0	42.0#
227	0.0	8.0	12.0#

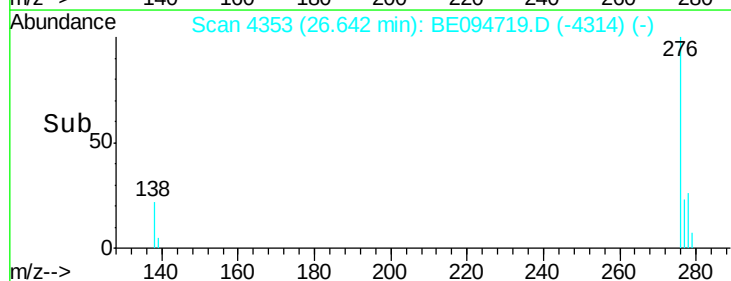
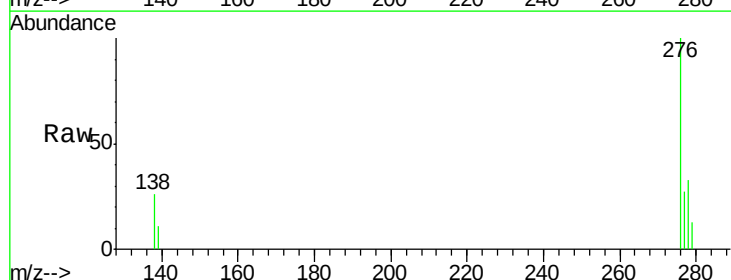
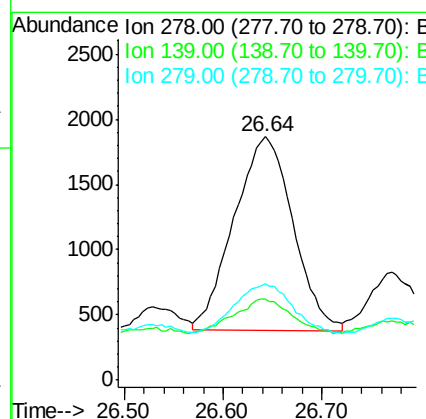
Manual Integrations
 APPROVED

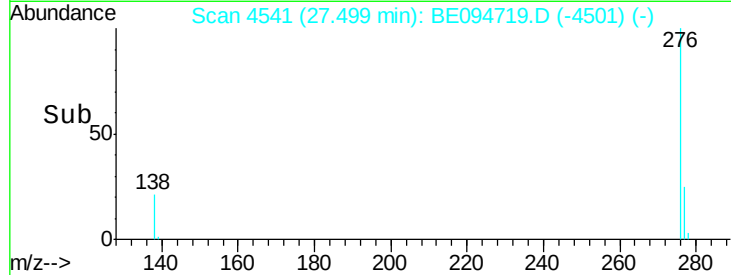
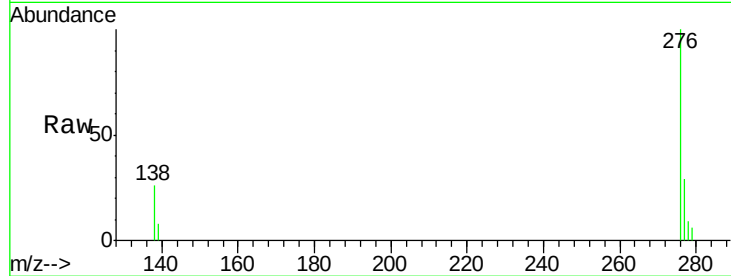
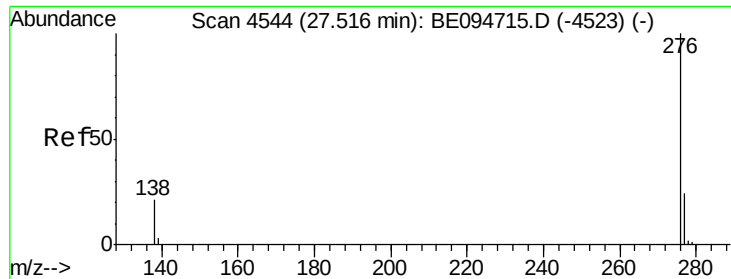
Sohil
 11/4/2017 2:16:42 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.207 ng/ul
 RT: 26.64 min Scan# 4353
 Delta R.T. -0.02 min
 Lab File: BE094719.D
 Acq: 3 Nov 2017 22:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.3	17.4	26.0#
279	39.9	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.727 ng/ul
RT: 27.50 min Scan# 4541
Delta R.T. -0.02 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	20595		
138	25.8		21.8	32.8
277	29.1		20.5	30.7

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Manual Integrations
APPROVED

Sohil
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