

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094716.D
 Acq On : 3 Nov 2017 20:19
 Operator : SJ/JU
 Sample : I5902-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-5(0.5-1.5)-101317

Manual Integrations
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 11/4/2017 2:15:36 PM

Quant Time: Nov 04 00:25:00 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	1472	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8779	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4819	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10251	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10285	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11052	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	741	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1694	0.06	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.24	152	458	0.021	ng/ul#	72
8) Acenaphthene	14.57	153	385	0.025	ng/ul#	94
9) Fluorene	15.56	166	409	0.023	ng/ul#	86
12) Phenanthrene	17.29	178	9566	0.353	ng/ul#	90
13) Anthracene	17.38	178	2547	0.095	ng/ul#	95
15) Fluoranthene	19.31	202	24012	0.767	ng/ul	84
17) Pyrene	19.67	202	22454	0.706	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	11946	0.406	ng/ul#	88
19) Chrysene	21.46	228	12029	0.396	ng/ul	95
21) Benzo(b)fluoranthene	23.18	252	14960m	0.481	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	6165m	0.185	ng/ul	
23) Benzo(a)pyrene	23.84	252	10293	0.331	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.66	276	6144	0.191	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.65	278	1346	0.050	ng/ul#	21
26) Benzo(g,h,i)perylene	27.51	276	5287	0.205	ng/ul#	77

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

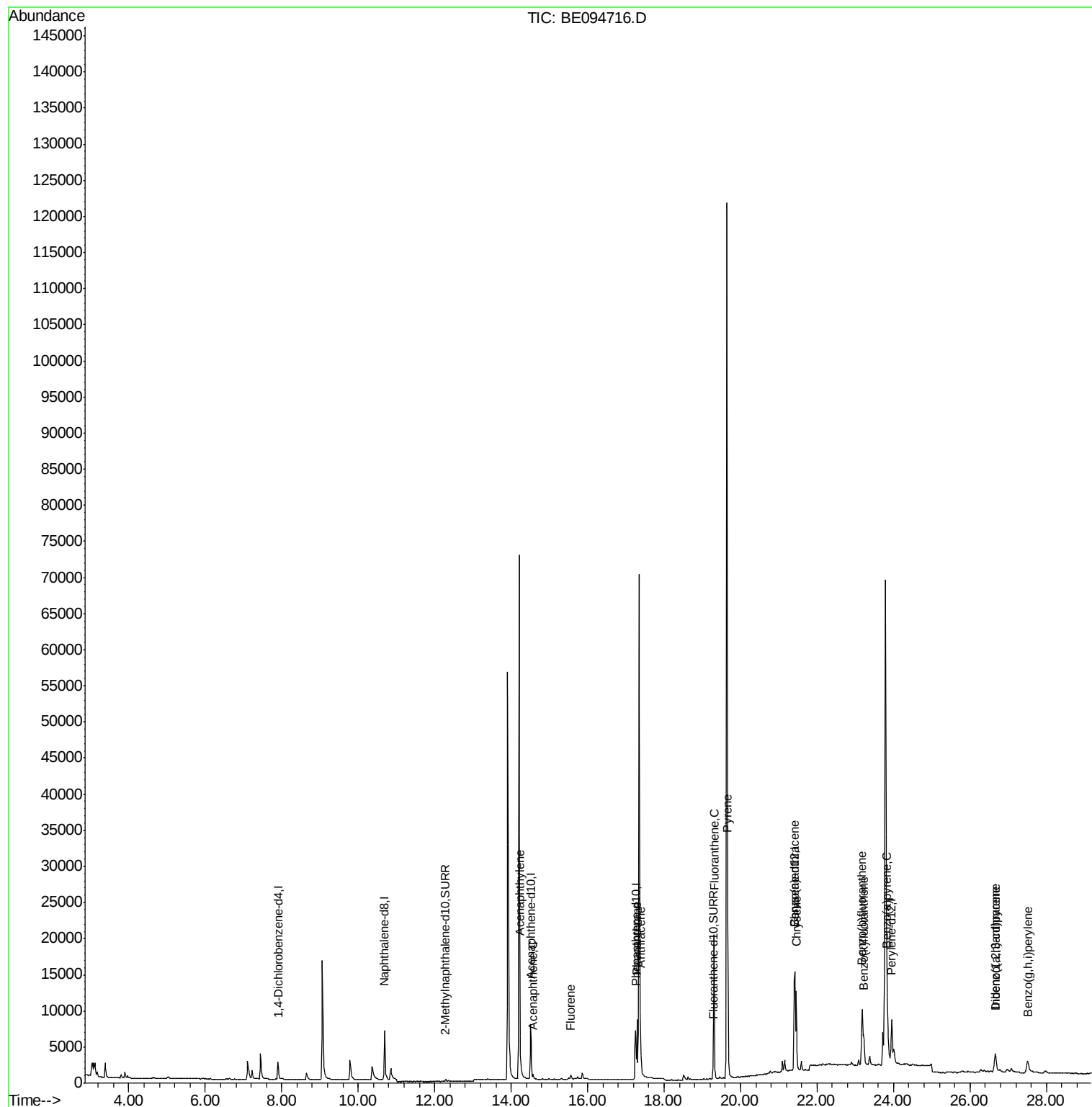
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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Sample : I5902-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

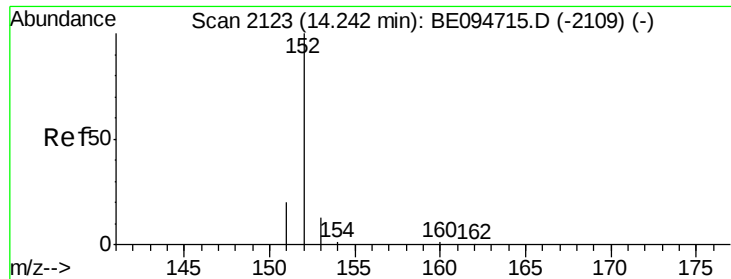
Instrument :
BNA_E
ClientSampleId :
B-5(0.5-1.5)-101317

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11/4/2017 2:15:36 PM

Quant Time: Nov 04 00:25:00 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





#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094716.D

Acq: 3 Nov 2017 20:19

Instrument :

BNA_E

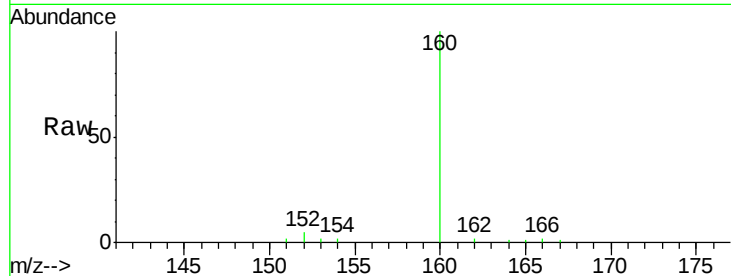
ClientSampleId :

B-5(0.5-1.5)-101317

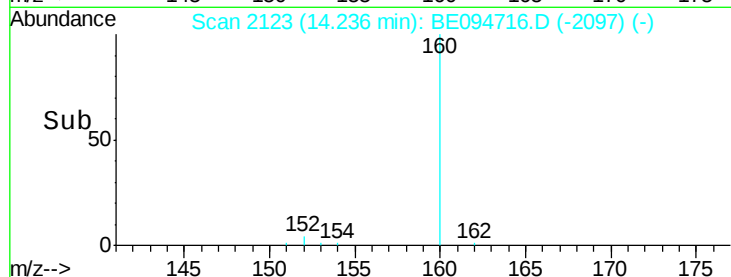
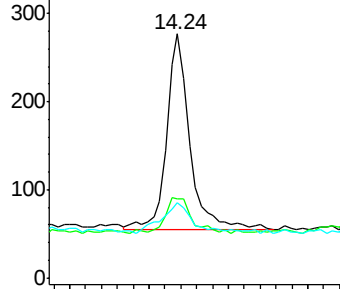
Tgt Ion	Ratio	Lower	Upper
152	100		
151	32.1	17.1	25.7#
153	30.7	12.8	19.2#

Manual Integrations
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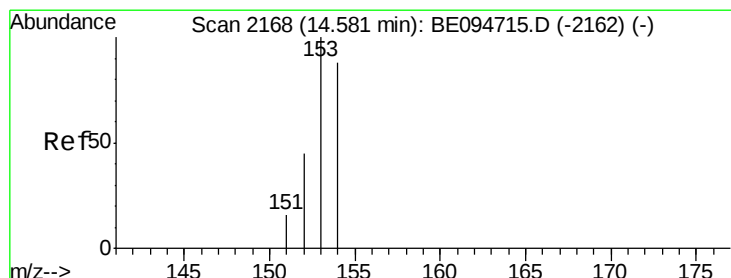
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.025 ng/ul

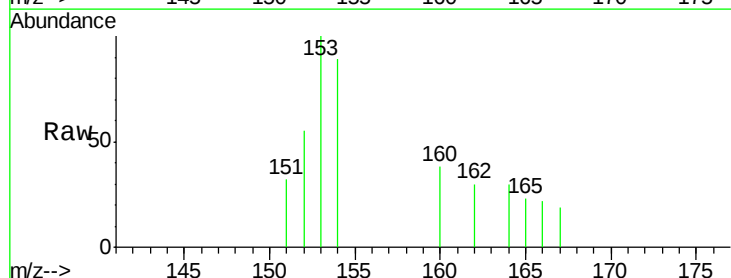
RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

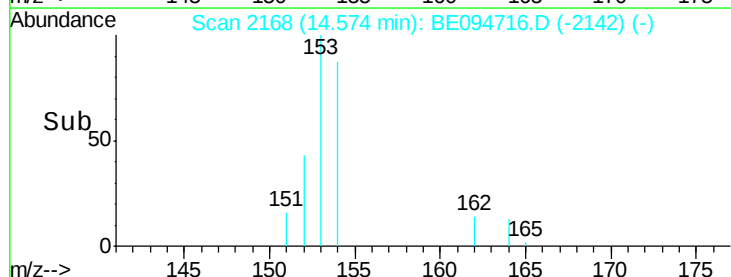
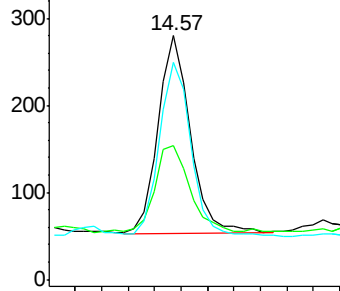
Lab File: BE094716.D

Acq: 3 Nov 2017 20:19

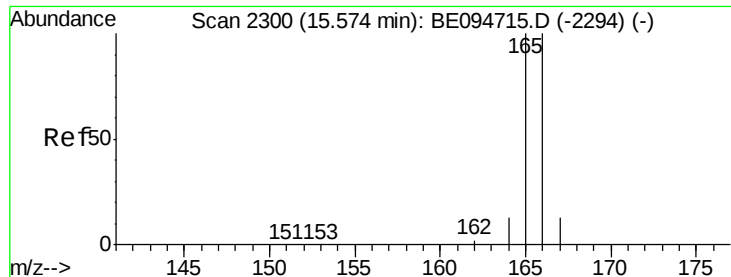
Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.0	36.0	54.0#
154	89.3	72.0	108.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



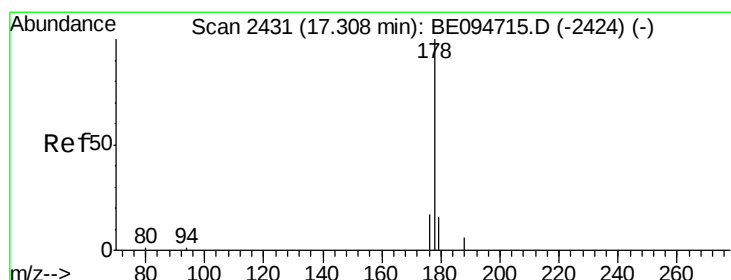
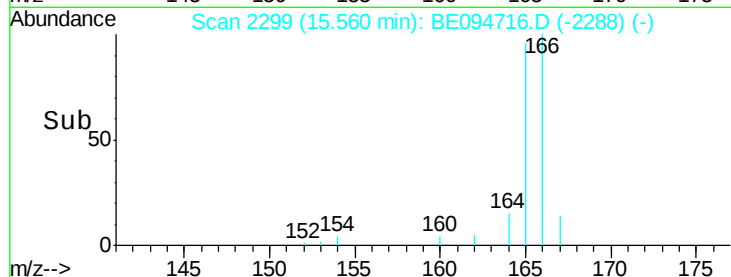
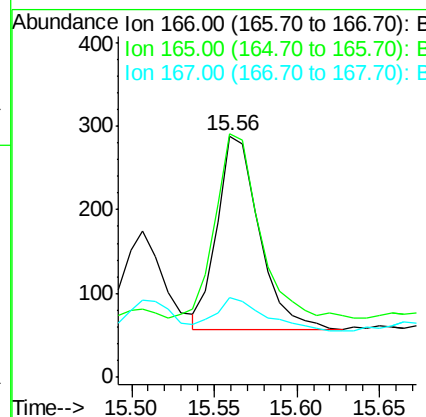
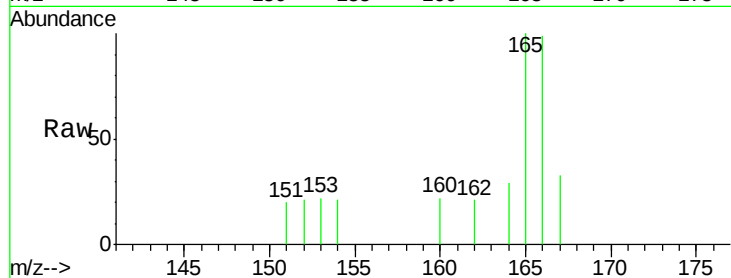
#9
Fluorene
 Concen: 0.023 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094716.D
 Acq: 3 Nov 2017 20:19

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.0	73.4	110.2
167	33.0	14.6	22.0

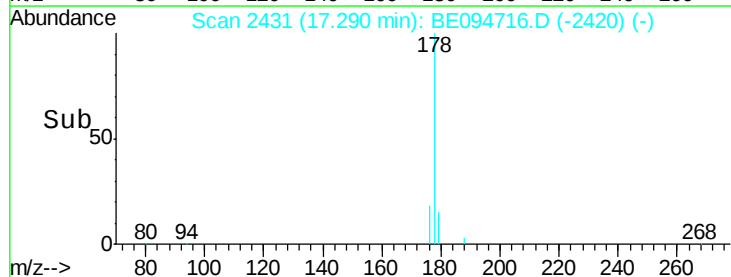
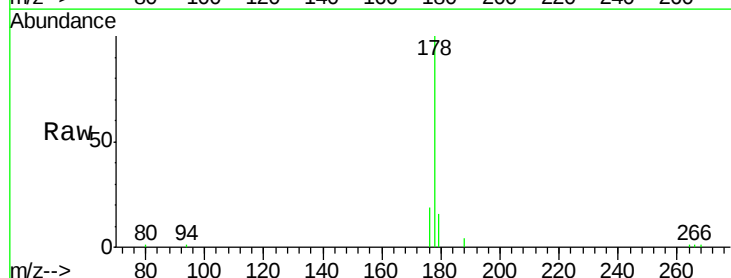
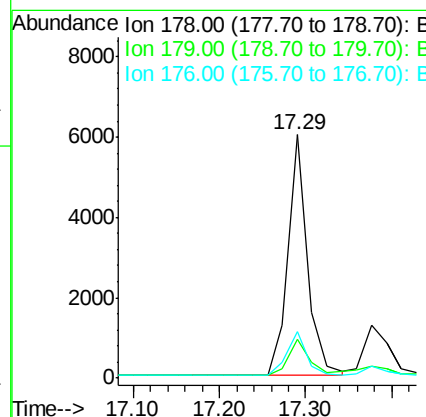
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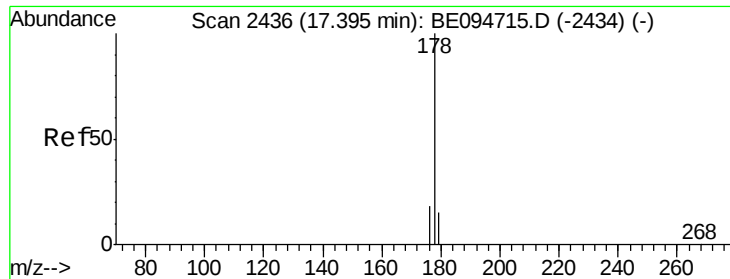
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#12
Phenanthrene
 Concen: 0.353 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094716.D
 Acq: 3 Nov 2017 20:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6
176	19.1	13.6	20.4





#13

Anthracene

Concen: 0.095 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094716.D

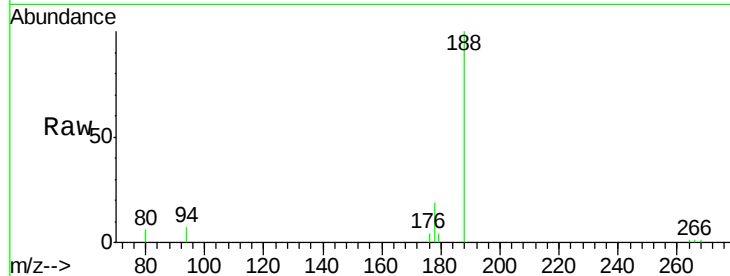
Acq: 3 Nov 2017 20:19

Instrument :

BNA_E

ClientSampleId :

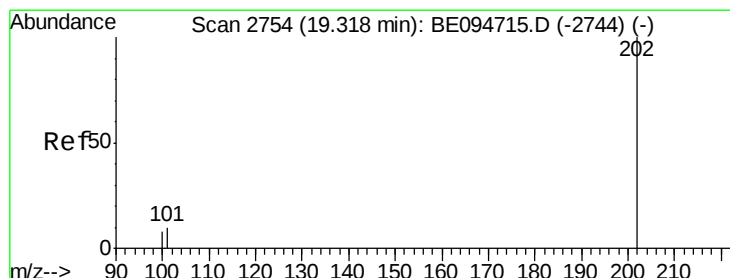
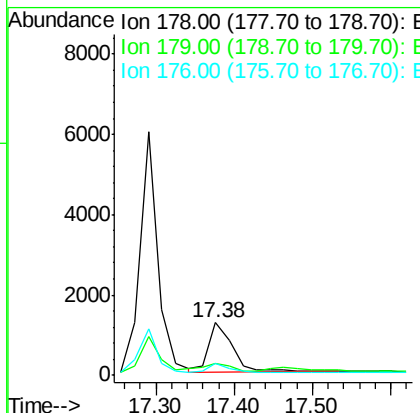
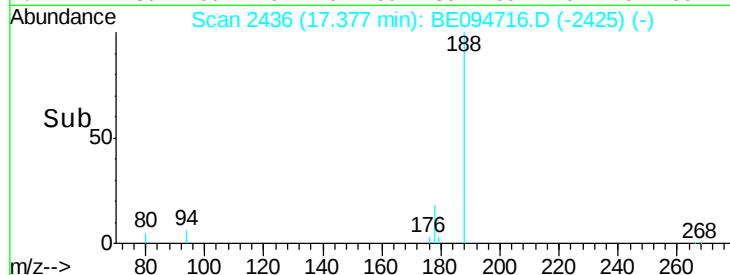
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Tgt Ion:	178	Resp:	2547
Ion Ratio	Lower	Upper	
178	100		
179	22.6	18.1	27.1
176	23.0	14.7	22.1#

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#15

Fluoranthene

Concen: 0.767 ng/ul

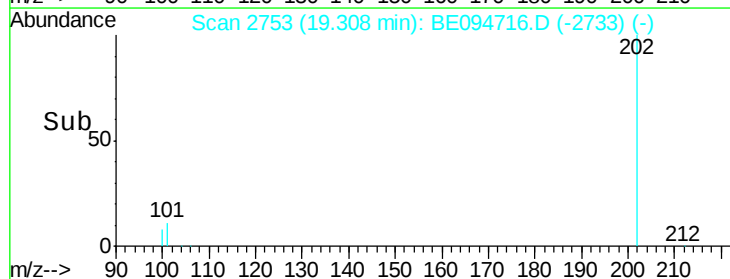
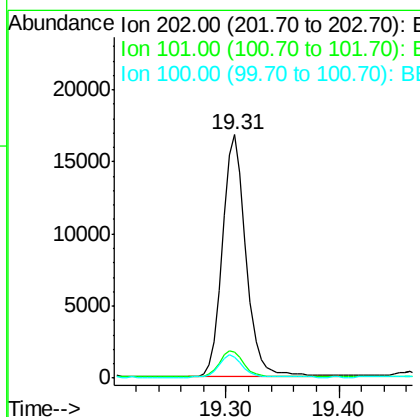
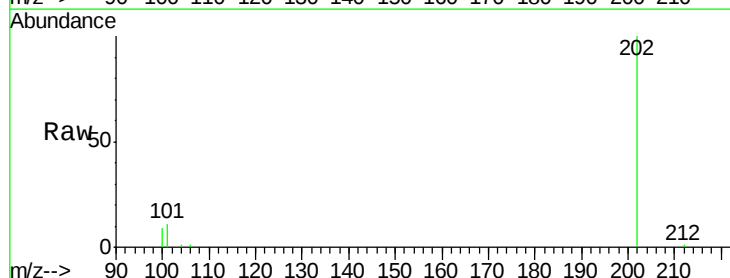
RT: 19.31 min Scan# 2753

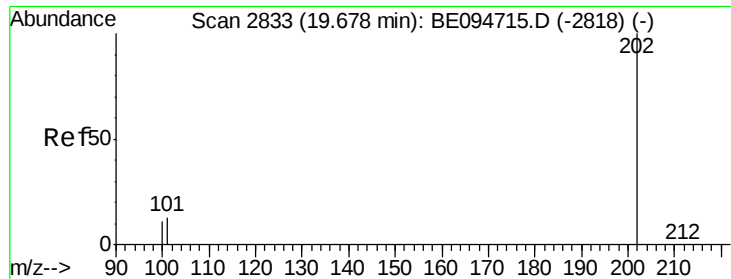
Delta R.T. -0.01 min

Lab File: BE094716.D

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Tgt Ion:	202	Resp:	24012
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.3
100	8.5	0.0	39.5





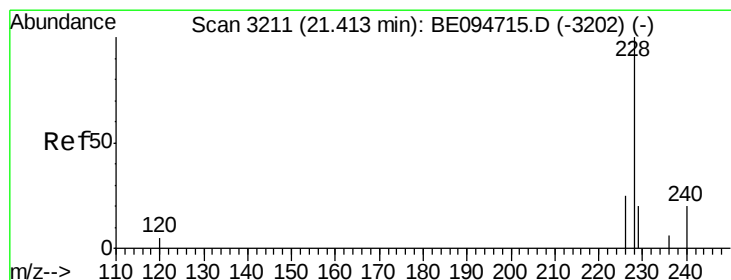
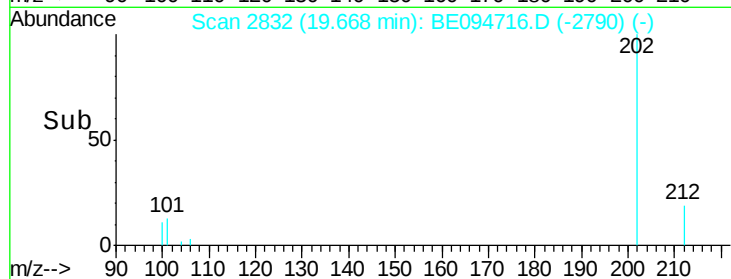
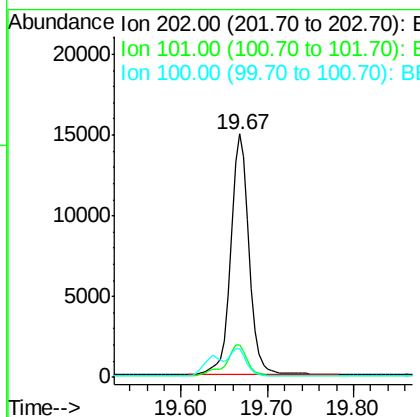
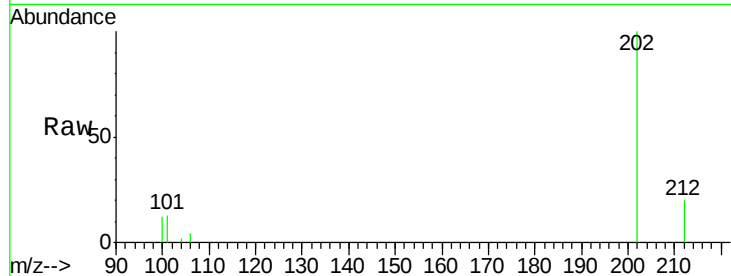
#17
 Pyrene
 Concen: 0.706 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094716.D
 Acq: 3 Nov 2017 20:19

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.4	18.2	27.4#
100	11.6	15.6	23.4#

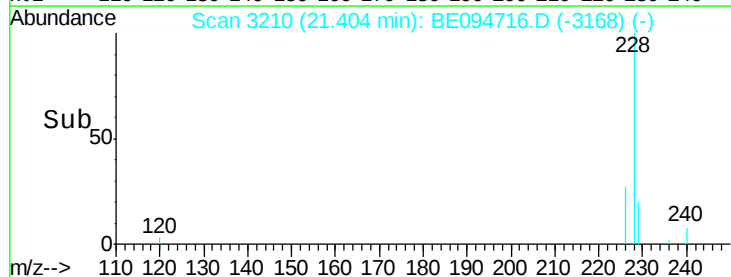
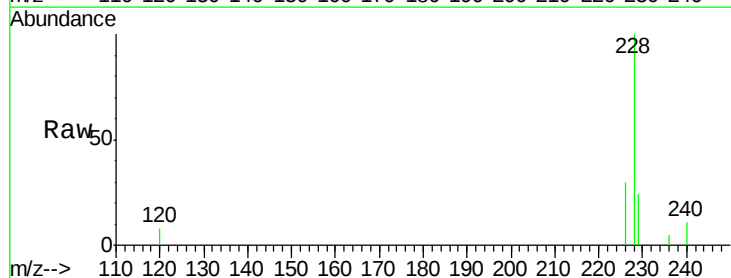
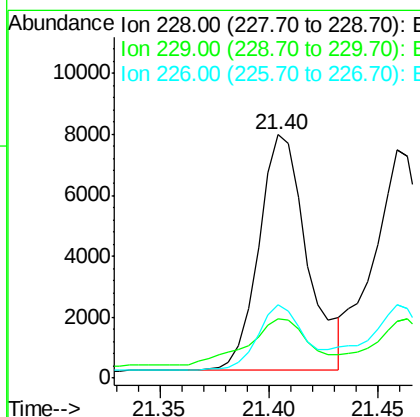
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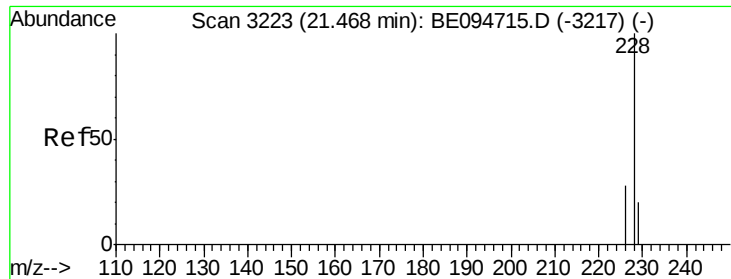
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#18
 Benzo(a)anthracene
 Concen: 0.406 ng/ul
 RT: 21.40 min Scan# 3210
 Delta R.T. -0.01 min
 Lab File: BE094716.D
 Acq: 3 Nov 2017 20:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.3	22.8	34.2
226	30.0	17.0	25.6#





#19

Chrysene

Concen: 0.396 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094716.D

Acq: 3 Nov 2017 20:19

Instrument :

BNA_E

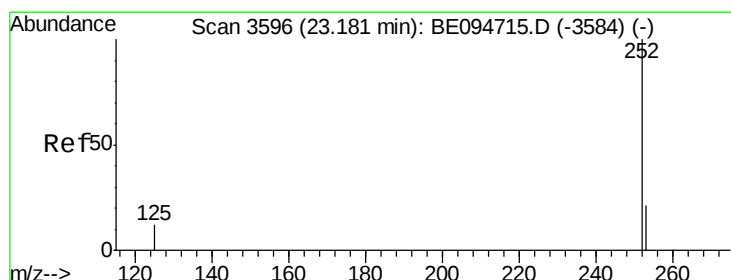
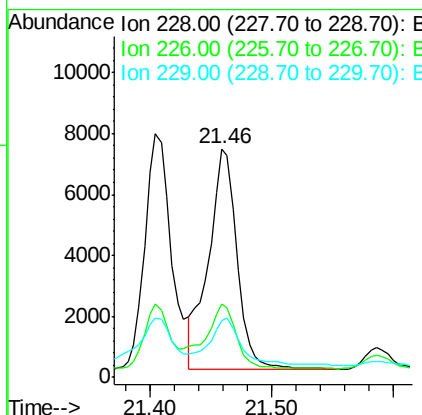
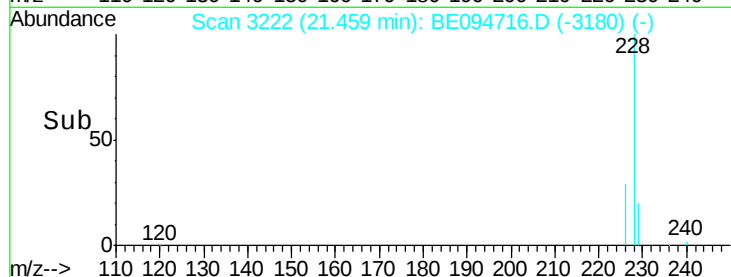
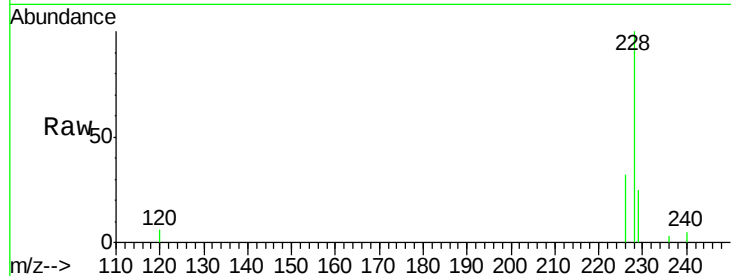
ClientSampleId :

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Tgt Ion:	228	Resp:	12029
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.4	35.0
229	24.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.481 ng/ul m

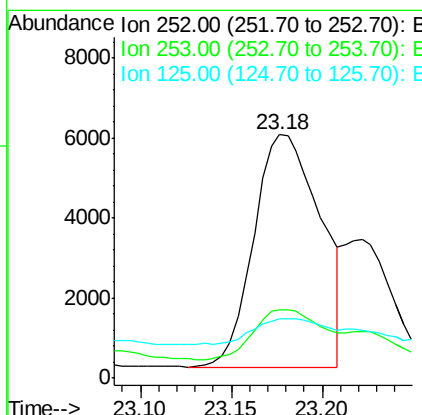
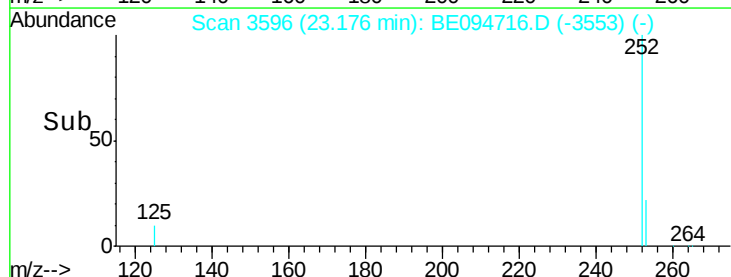
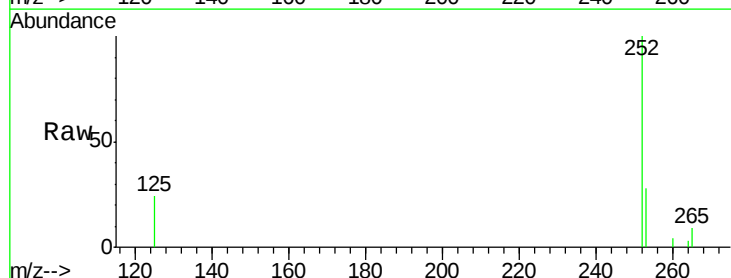
RT: 23.18 min Scan# 3596

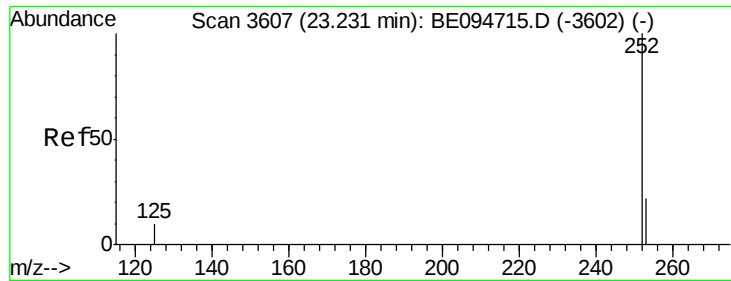
Delta R.T. -0.00 min

Lab File: BE094716.D

Acq: 3 Nov 2017 20:19

Tgt Ion:	252	Resp:	14960
Ion Ratio	Lower	Upper	
252	100		
253	28.2	0.0	64.2
125	24.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.185 ng/ul

RT: 23.22 min Scan# 3606

Delta R.T. -0.01 min

Lab File: BE094716.D

Acq: 3 Nov 2017 20:19

Instrument :

BNA_E

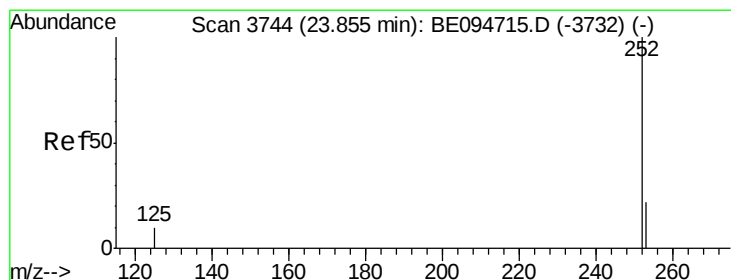
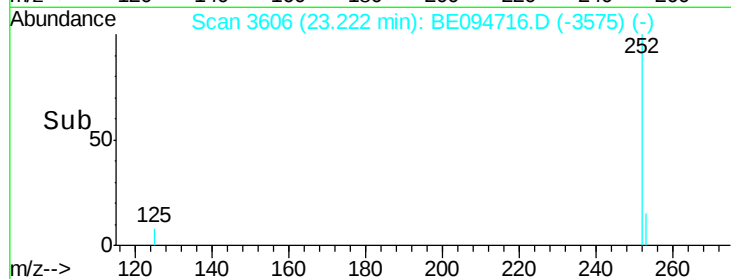
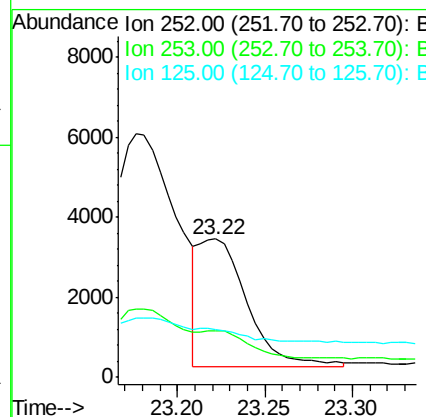
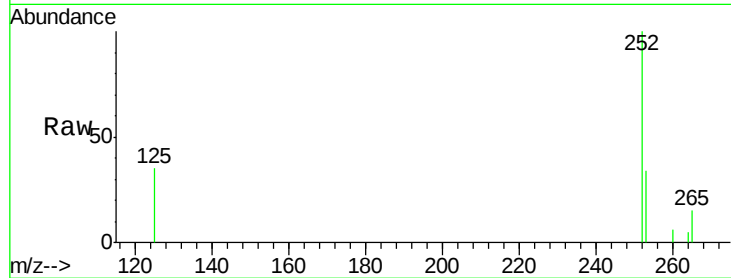
ClientSampleId :

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Tgt Ion:	252	Resp:	6165
Ion Ratio	Lower	Upper	
252	100		
253	33.8	24.5	36.7
125	34.6	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.331 ng/ul

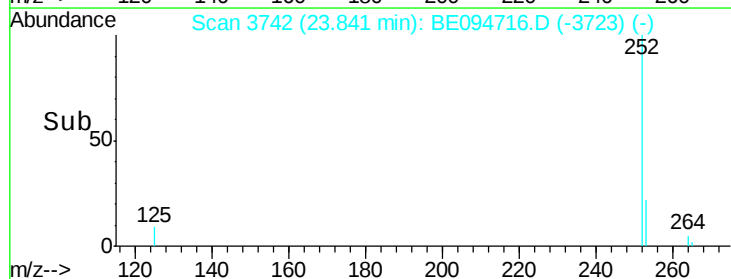
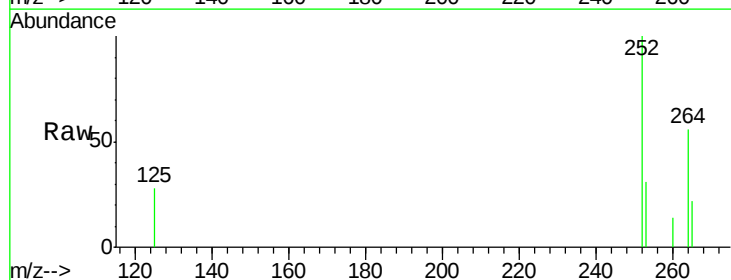
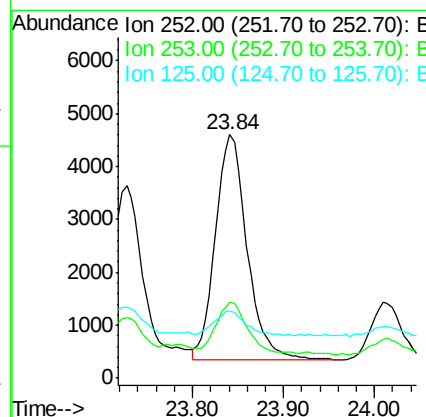
RT: 23.84 min Scan# 3742

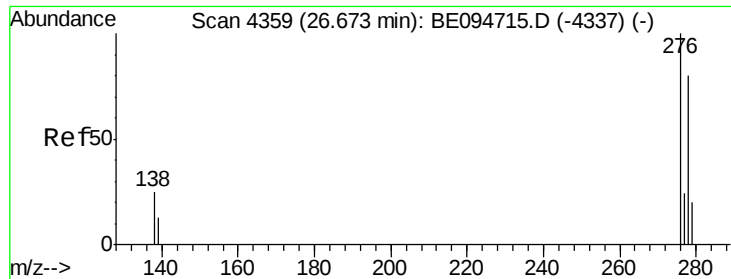
Delta R.T. -0.01 min

Lab File: BE094716.D

Acq: 3 Nov 2017 20:19

Tgt Ion:	252	Resp:	10293
Ion Ratio	Lower	Upper	
252	100		
253	31.0	28.5	42.7
125	27.8	18.1	27.1#





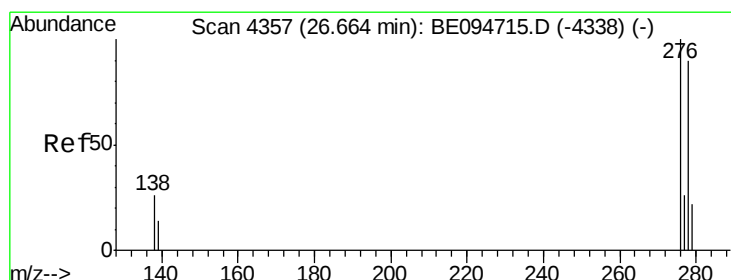
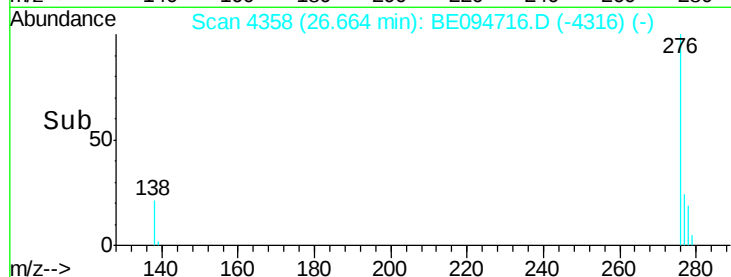
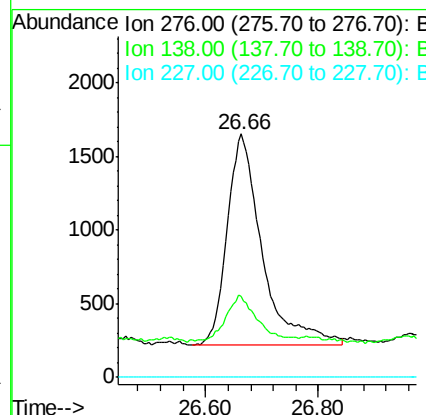
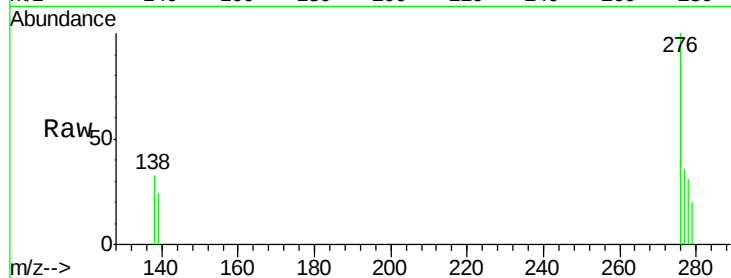
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.191 ng/ul
 RT: 26.66 min Scan# 4358
 Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	28.0	42.0#
227	0.0	8.0	12.0#

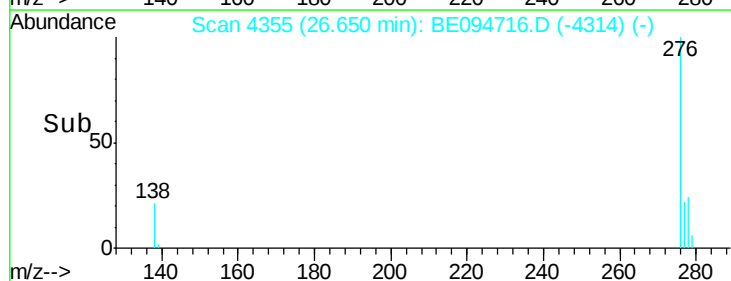
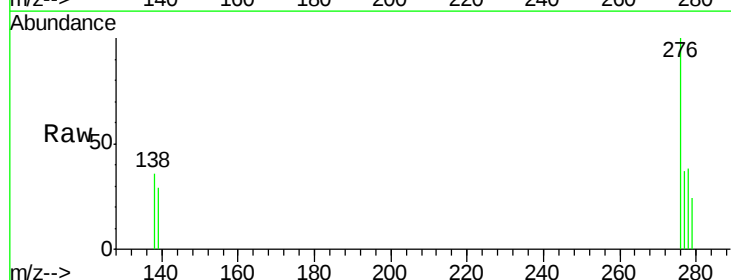
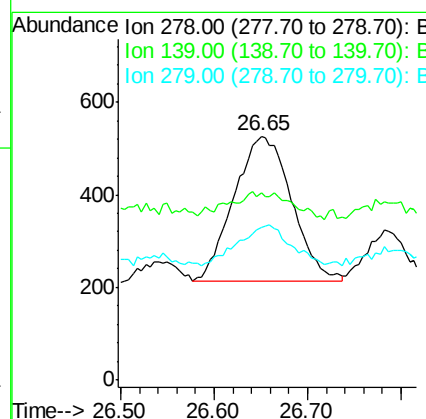
Manual Integrations
 APPROVED

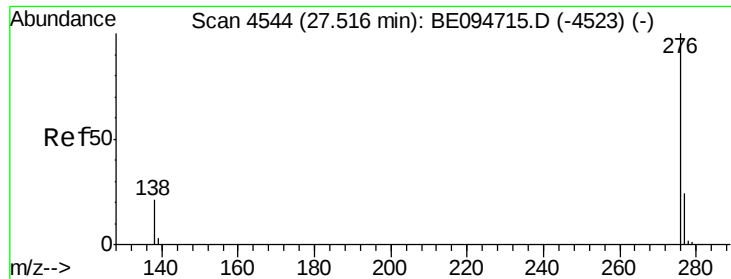
Sohil
 11/4/2017 2:15:36 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.050 ng/ul
 RT: 26.65 min Scan# 4355
 Delta R.T. -0.01 min
 Lab File: BE094716.D
 Acq: 3 Nov 2017 20:19

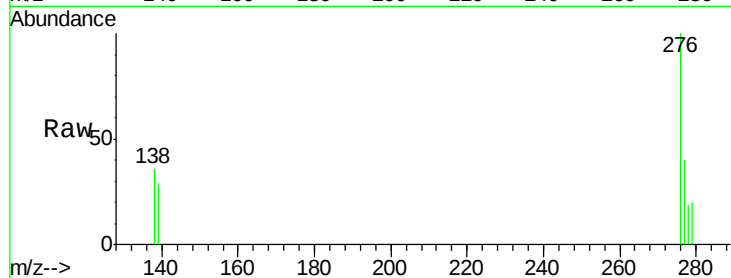
Tgt Ion	Ratio	Lower	Upper
278	100		
139	76.8	17.4	26.0#
279	62.9	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.205 ng/u1
 RT: 27.51 min Scan# 4544
 Delta R.T. -0.00 min
 Lab File: BE094716.D
 Acq: 3 Nov 2017 20:19

Instrument :
 BNA_E
 ClientSampleId :
 B-5(0.5-1.5)-101317



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	36.5	21.8	32.8#	
277	40.1	20.5	30.7#	

Manual Integrations
 APPROVED

Sohil
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