

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101515\
 Data File : BE091019.D
 Acq On : 15 Oct 2015 15:07
 Operator : UM/IZ
 Sample : G3981-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X2063

Manual Integrations
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 10/15/2015 6:57:21 PM

Quant Time: Oct 15 15:43:10 2015

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE101415.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 15 05:50:36 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	6011	0.40	ng/ul	-0.01
2) Naphthalene-d8	9.61	136	27524	0.40	ng/ul	-0.02
6) Acenaphthene-d10	13.43	164	15035	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.16	188	37809	0.40	ng/ul	0.00
16) Chrysene-d12	20.31	240	49602	0.40	ng/ul	-0.01
20) Perylene-d12	22.21	264	50603	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.12	152	7456	0.24	ng/ul	-0.01
14) Fluoranthene-d10	18.15	212	31776	0.35	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	9.66	128	14567	0.23	ng/ul	98
5) 2-Methylnaphthalene	11.19	142	7707	0.22	ng/ul	90
7) Acenaphthylene	13.18	152	30087	0.54	ng/ul	100
9) Fluorene	14.48	166	14381	0.29	ng/ul	98
11) Pentachlorophenol	15.92	266	527	0.12	ng/ul	93
12) Phenanthrene	16.20	178	226296	0.68	ng/ul	96
13) Anthracene	16.27	178	85909	0.26	ng/ul	96
15) Fluoranthene	18.17	202	198177	0.47	ng/ul	99
17) Pyrene	18.56	202	231196	0.55	ng/ul	99
18) Benzo(a)anthracene	20.28	228	85058	0.79	ng/ul	99
19) Chrysene	20.34	228	48841	0.42	ng/ul	99
21) Benzo(b)fluoranthene	21.65	252	37685	0.31	ng/ul	89
22) Benzo(k)fluoranthene	21.68	252	65086m	0.53	ng/ul	
24) Indeno(1,2,3-cd)pyrene	23.86	276	190478	0.40	ng/ul	97
25) Dibenzo(a,h)anthracene	23.82	278	54076	0.45	ng/ul	96
26) Benzo(g,h,i)perylene	24.43	276	321568	0.65	ng/ul#	91

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

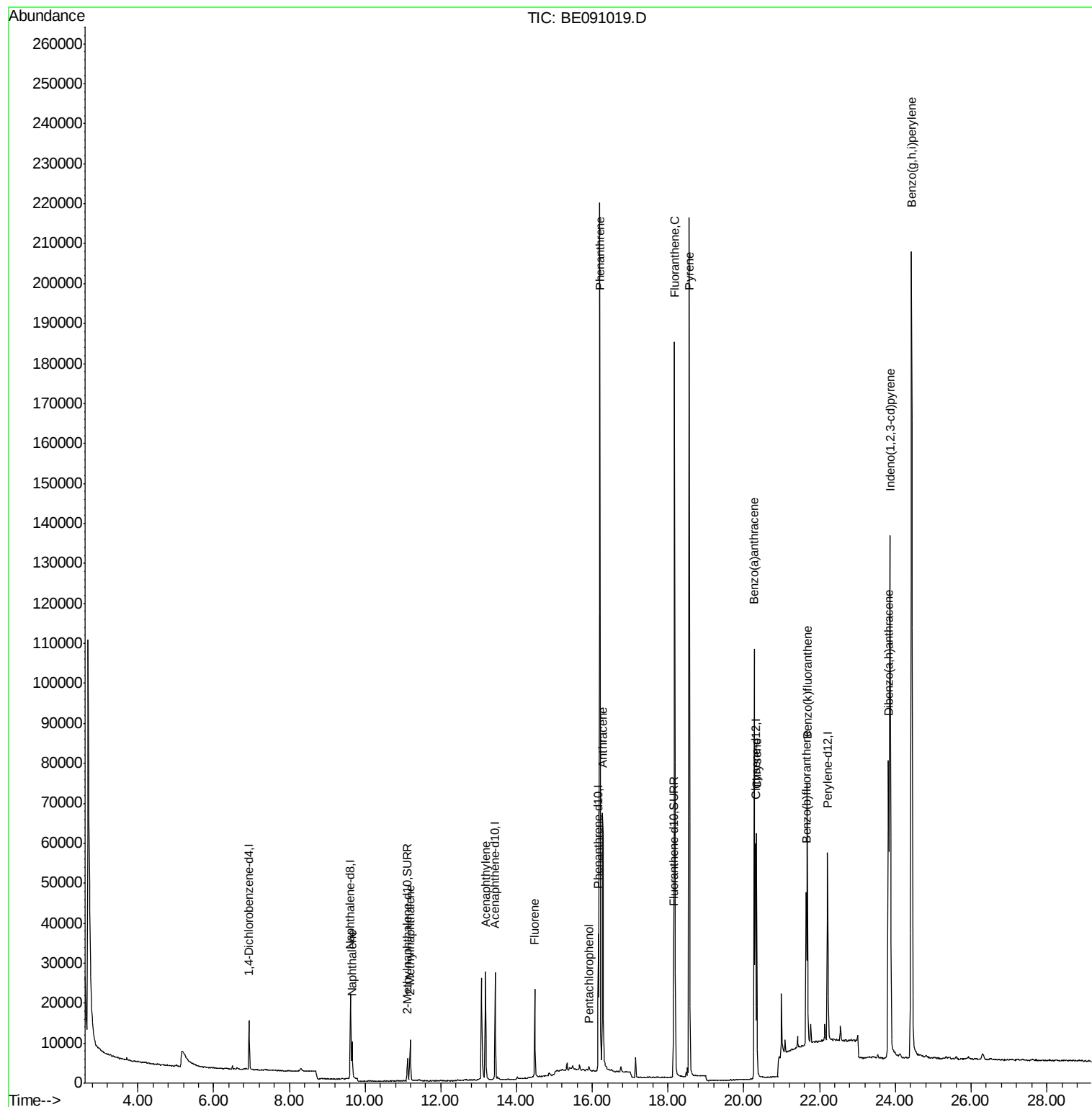
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101515\
Data File : BE091019.D
Acq On : 15 Oct 2015 15:07
Operator : UM/IZ
Sample : G3981-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

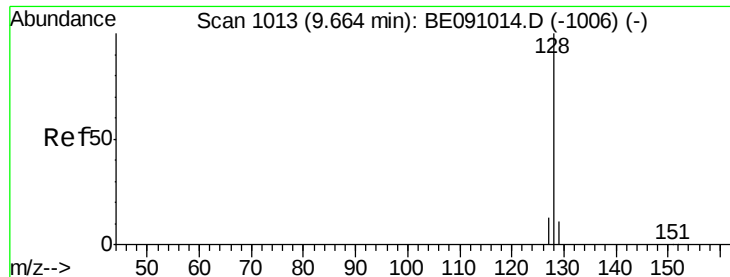
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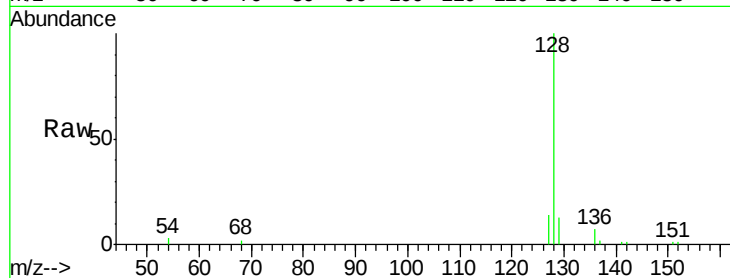
#3
Naphthalene
Concen: 0.23 ng/ul
RT: 9.66 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BE091019.D
Acq: 15 Oct 2015 15:07

Instrument :
BNA_E
ClientSampleId :
X2063

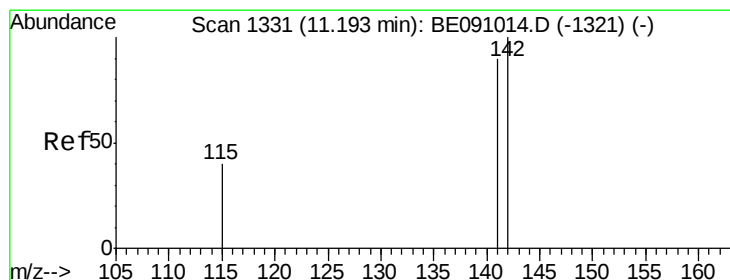
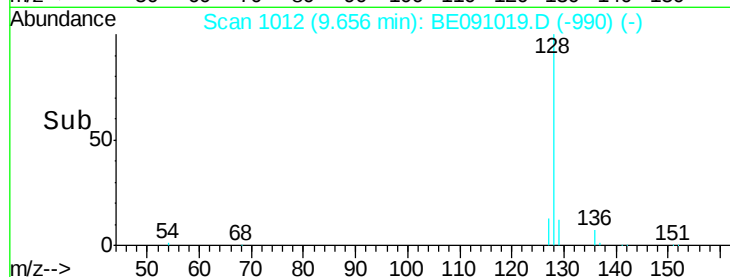
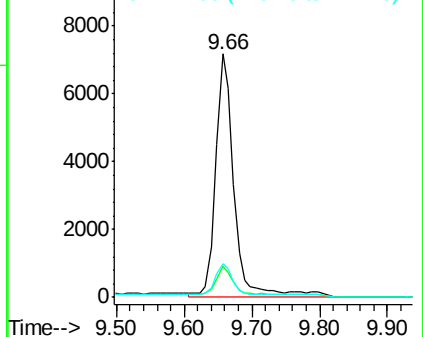
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.0	13.4
127	13.8	10.7	16.1

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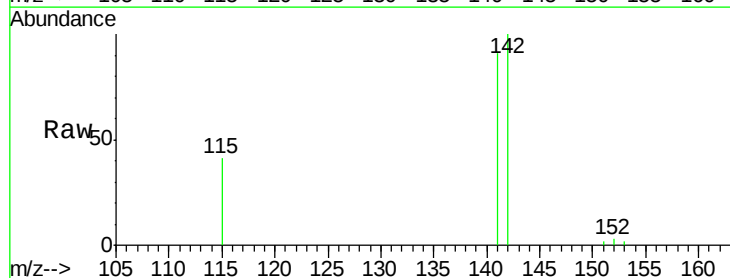


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

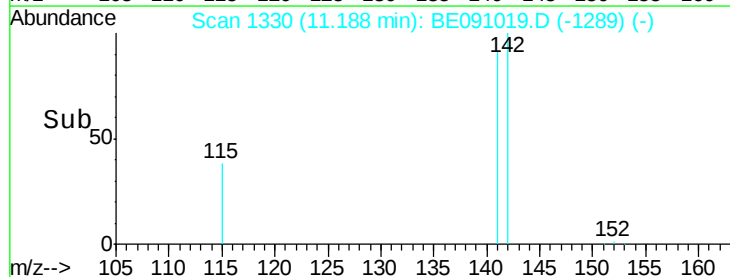
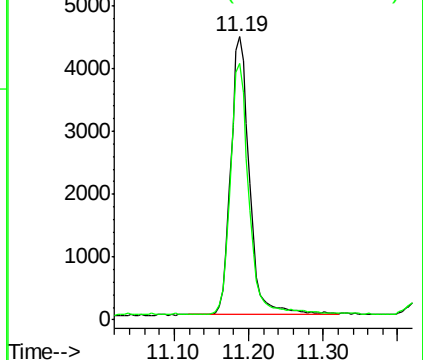


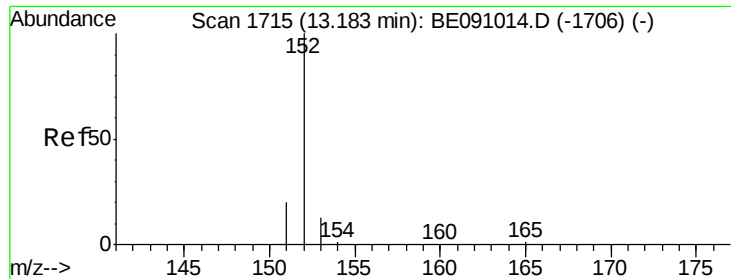
#5
2-Methylnaphthalene
Concen: 0.22 ng/ul
RT: 11.19 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BE091019.D
Acq: 15 Oct 2015 15:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	79.4	119.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.54 ng/ul

RT: 13.18 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BE091019.D

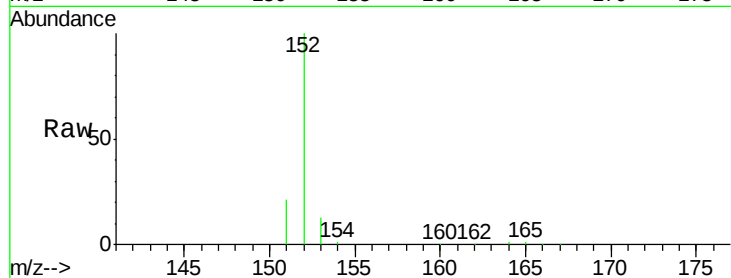
Acq: 15 Oct 2015 15:07

Instrument :

BNA_E

ClientSampleId :

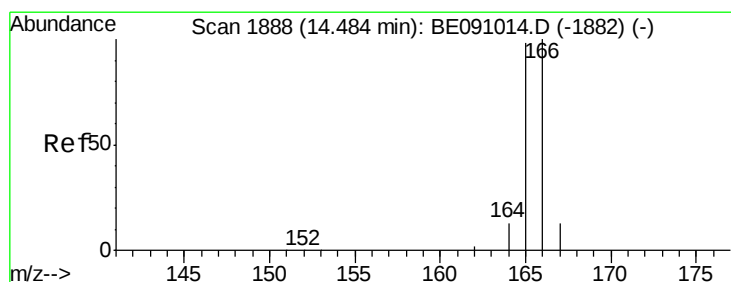
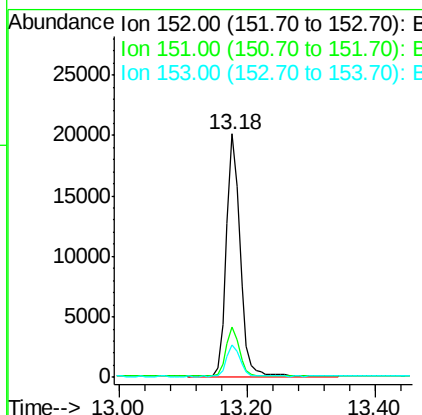
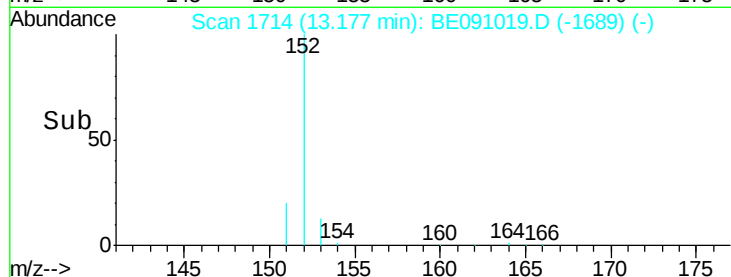
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Tgt Ion:	152	Resp:	30087
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.6	24.8
153	13.4	10.7	16.1

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#9

Fluorene

Concen: 0.29 ng/ul

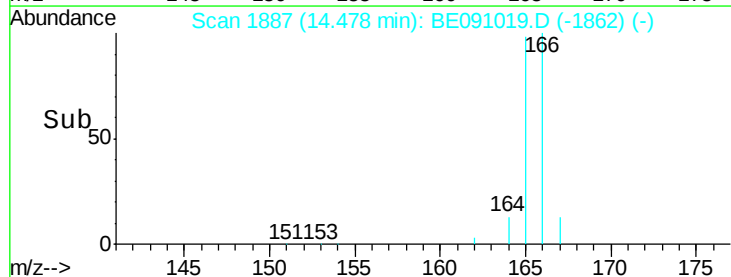
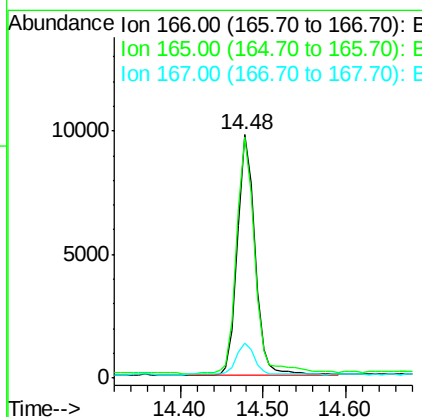
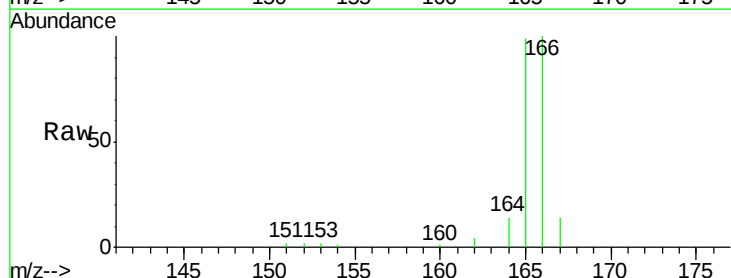
RT: 14.48 min Scan# 1887

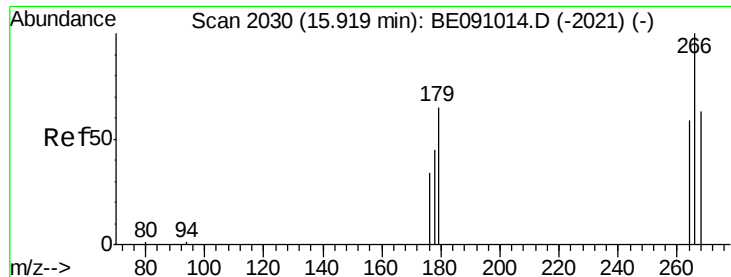
Delta R.T. -0.01 min

Lab File: BE091019.D

Acq: 15 Oct 2015 15:07

Tgt Ion:	166	Resp:	14381
Ion Ratio	Lower	Upper	
166	100		
165	99.0	77.7	116.5
167	14.1	10.9	16.3





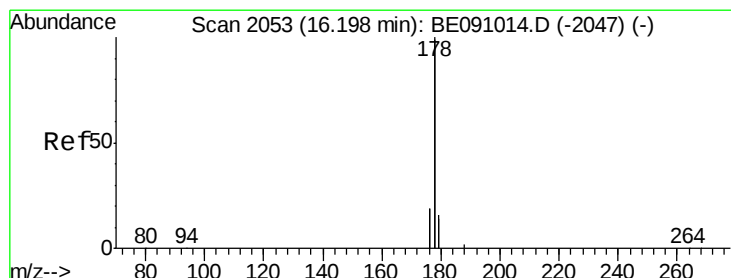
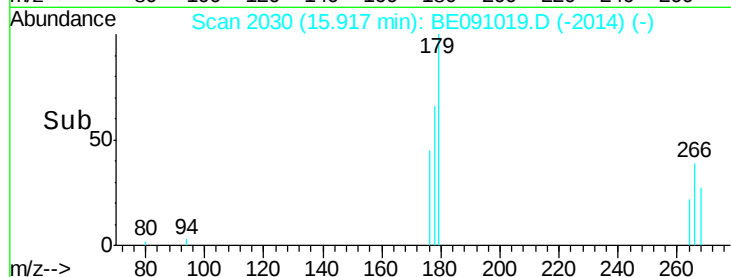
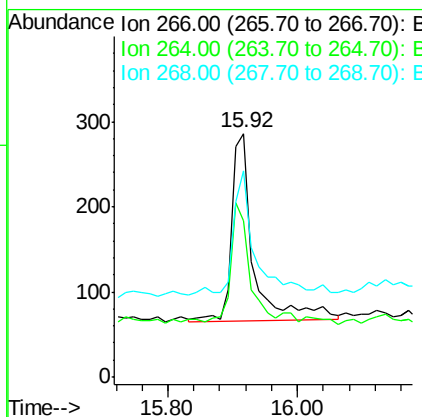
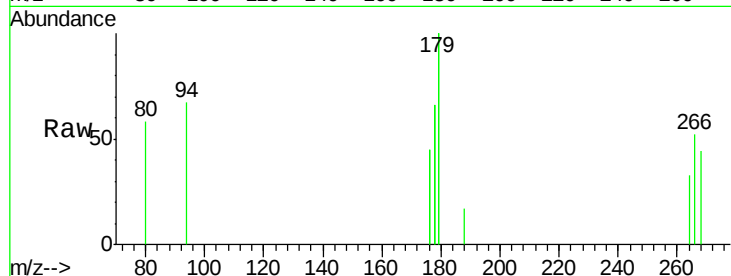
#11
 Pentachlorophenol
 Concen: 0.12 ng/ul
 RT: 15.92 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BE091019.D
 Acq: 15 Oct 2015 15:07

Instrument :
 BNA_E
 ClientSampleId :
 X2063

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.7	76.1
268	61.5	57.6	86.4

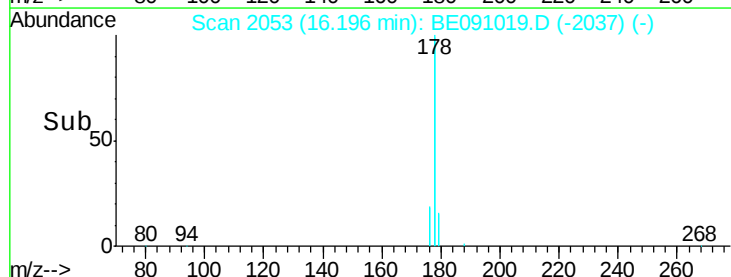
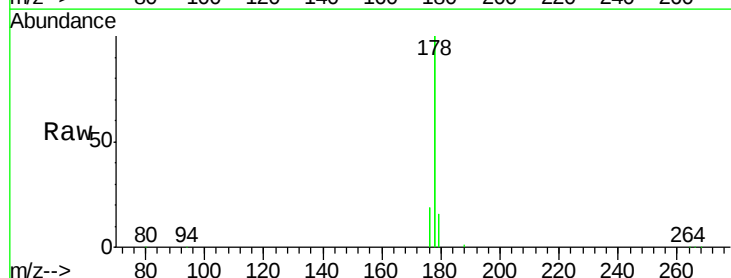
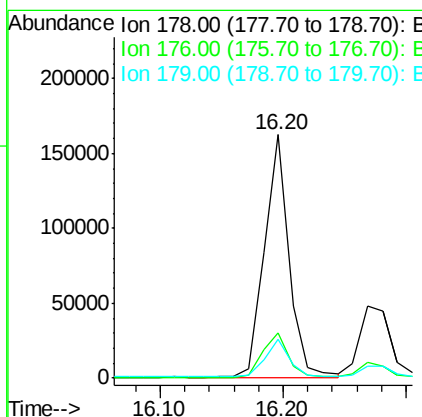
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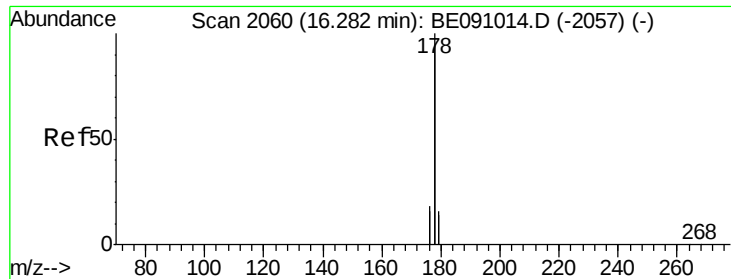
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#12
 Phenanthrene
 Concen: 0.68 ng/ul
 RT: 16.20 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BE091019.D
 Acq: 15 Oct 2015 15:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.9	25.3
179	15.9	12.0	18.0





#13

Anthracene

Concen: 0.26 ng/ul

RT: 16.27 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BE091019.D

Acq: 15 Oct 2015 15:07

Instrument :

BNA_E

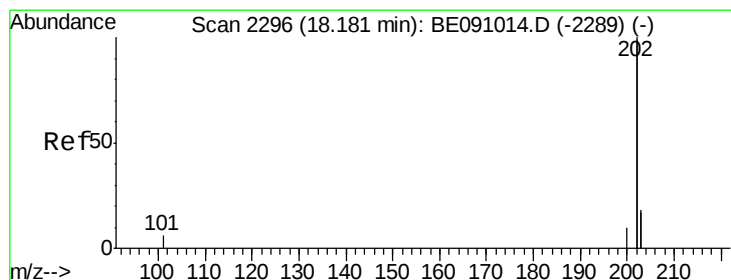
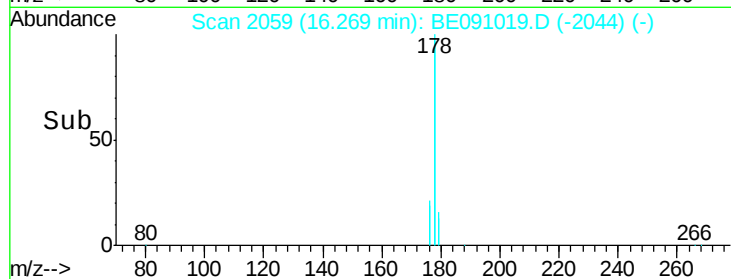
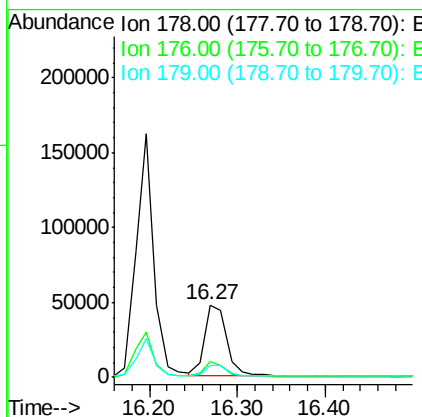
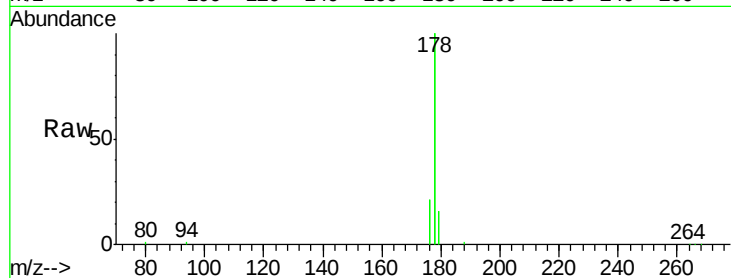
ClientSampleId :

X2063

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Tgt Ion:	178	Resp:	85909
Ion Ratio	Lower	Upper	
178	100		
176	21.3	14.9	22.3
179	16.2	12.3	18.5



#15

Fluoranthene

Concen: 0.47 ng/ul

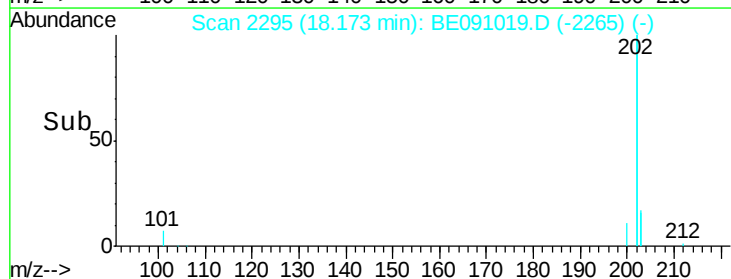
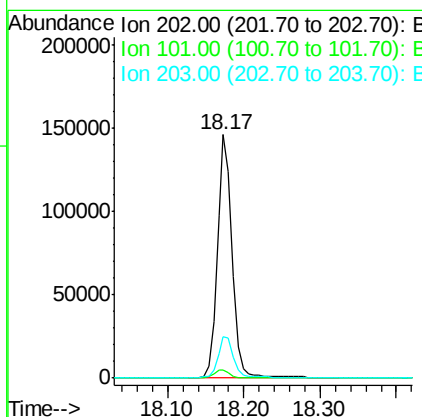
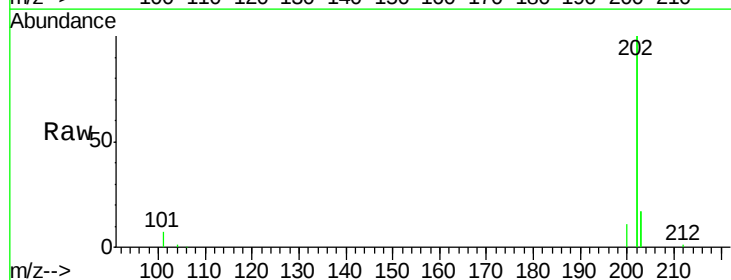
RT: 18.17 min Scan# 2295

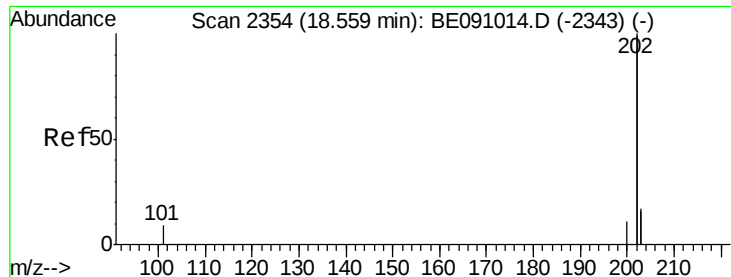
Delta R.T. -0.01 min

Lab File: BE091019.D

Acq: 15 Oct 2015 15:07

Tgt Ion:	202	Resp:	198177
Ion Ratio	Lower	Upper	
202	100		
101	3.5	0.0	23.7
203	16.9	0.0	37.5





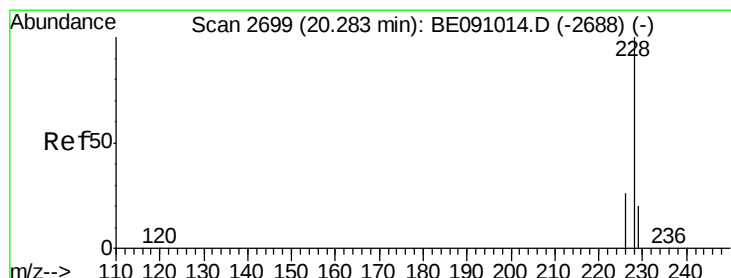
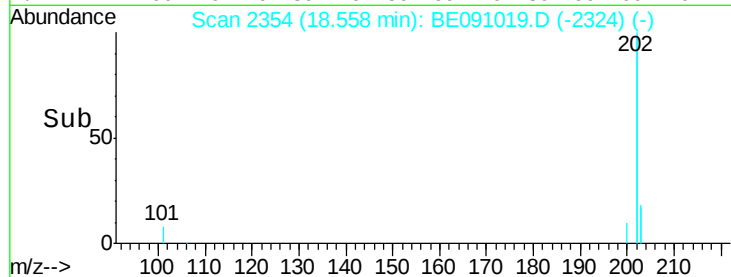
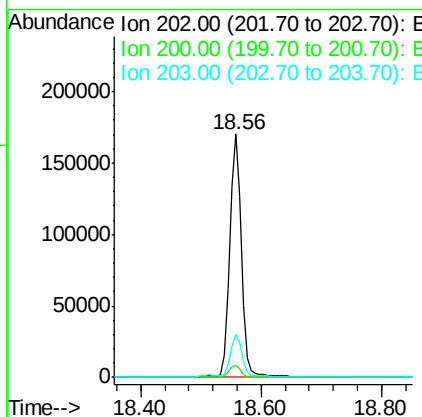
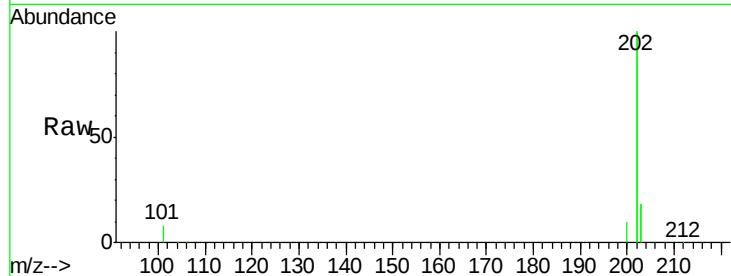
#17
Pyrene
Concen: 0.55 ng/ul
RT: 18.56 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BE091019.D
Acq: 15 Oct 2015 15:07

Instrument :
BNA_E
ClientSampleId :
X2063

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	231196		
200	5.1	4.3	6.5	
203	17.8	13.9	20.9	

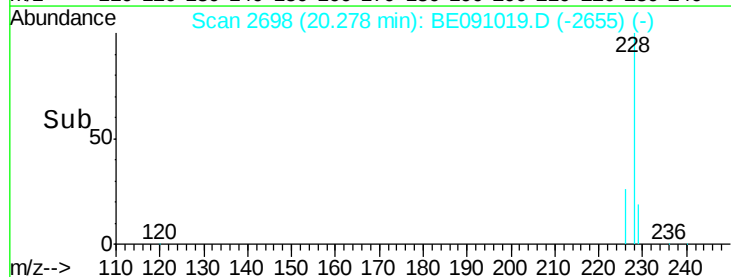
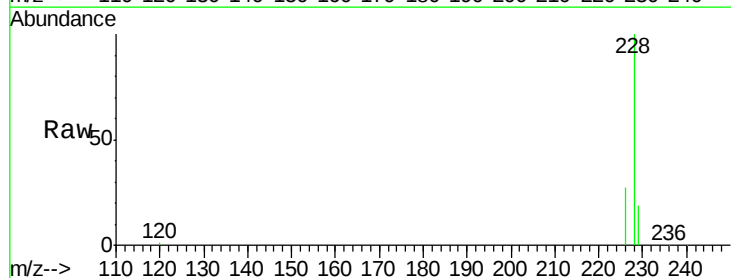
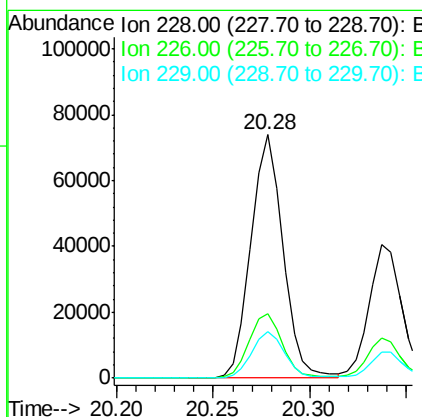
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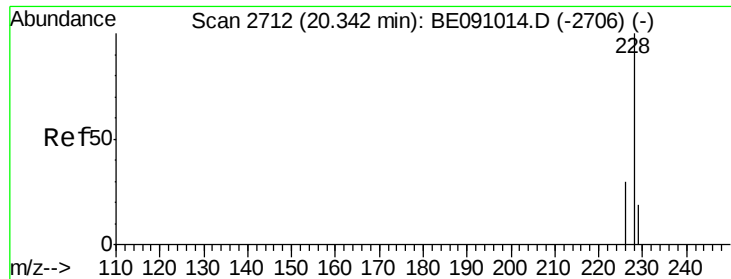
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#18
Benzo(a)anthracene
Concen: 0.79 ng/ul
RT: 20.28 min Scan# 2698
Delta R.T. -0.01 min
Lab File: BE091019.D
Acq: 15 Oct 2015 15:07

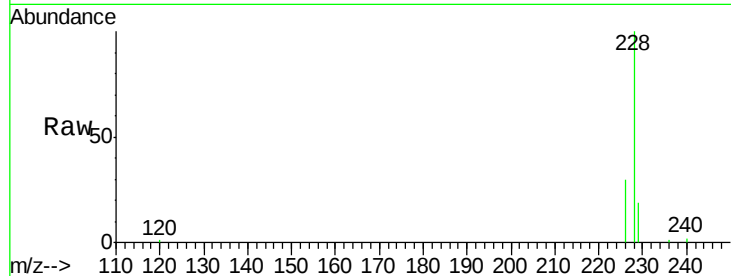
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	85058		
226	26.6	22.1	33.1	
229	19.4	15.8	23.6	





#19
Chrysene
Concen: 0.42 ng/ul
RT: 20.34 min Scan# 2711
Delta R.T. -0.01 min
Lab File: BE091019.D
Acq: 15 Oct 2015 15:07

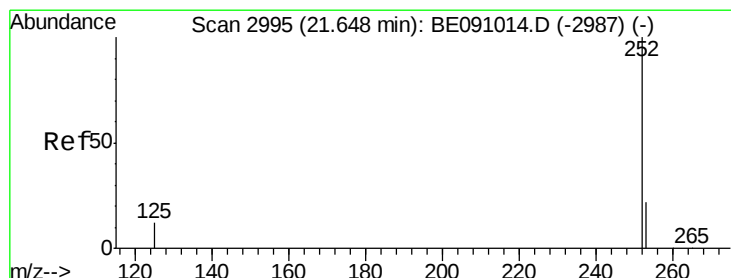
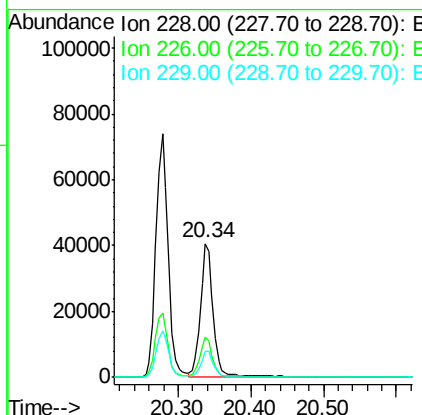
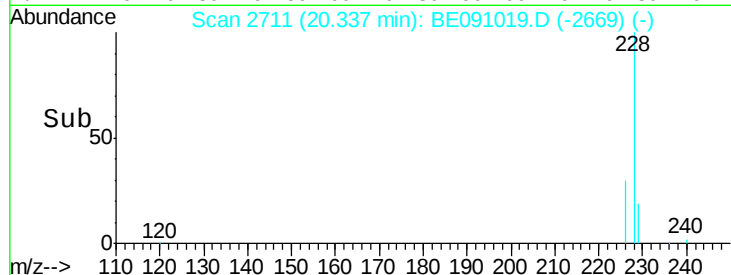
Instrument :
BNA_E
ClientSampleId :
X2063



Tgt Ion: 228 Resp: 48841
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 19.4 15.8 23.8

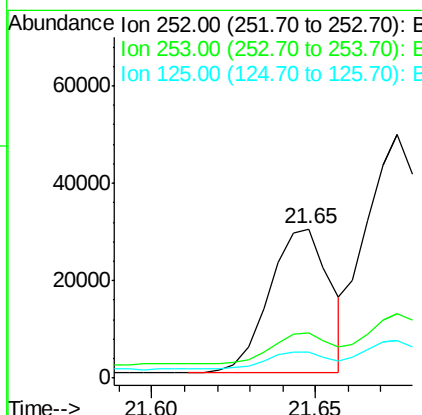
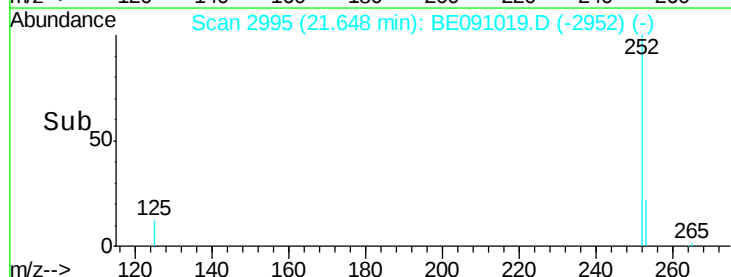
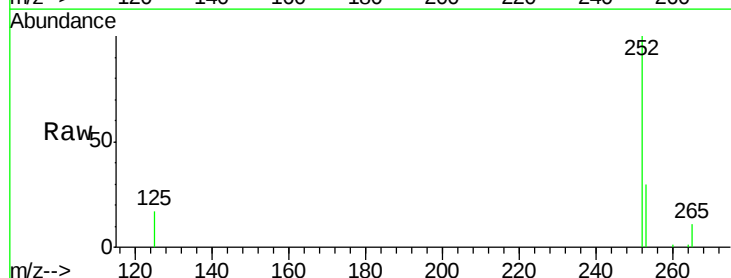
Manual Integrations
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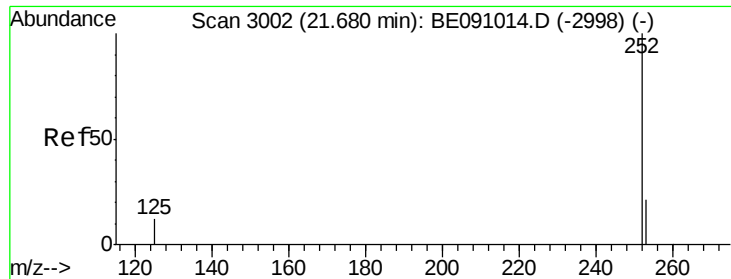
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#21
Benzo(b)fluoranthene
Concen: 0.31 ng/ul
RT: 21.65 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BE091019.D
Acq: 15 Oct 2015 15:07

Tgt Ion: 252 Resp: 37685
Ion Ratio Lower Upper
252 100
253 30.0 0.0 76.2
125 17.2 0.0 31.2





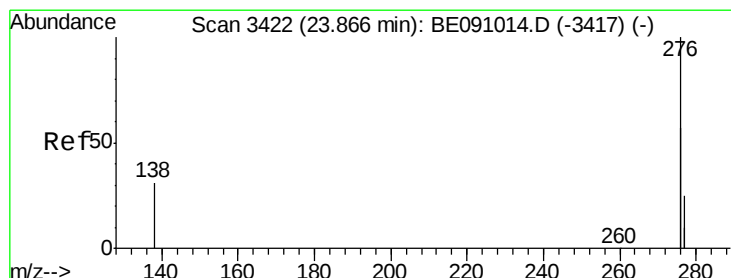
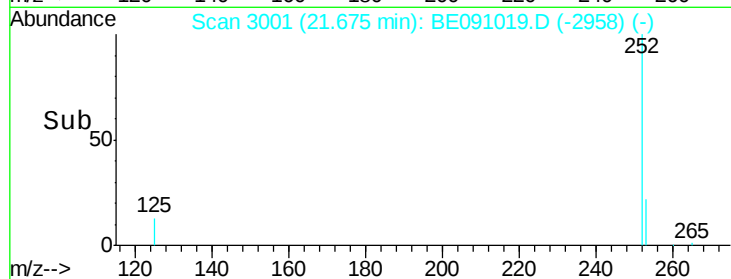
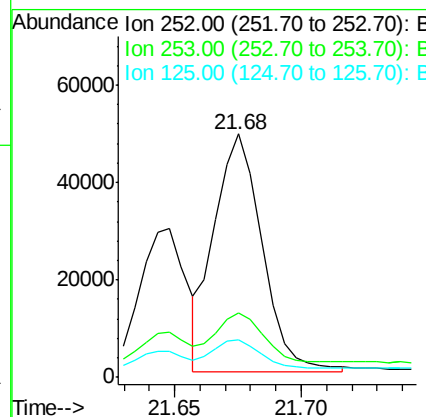
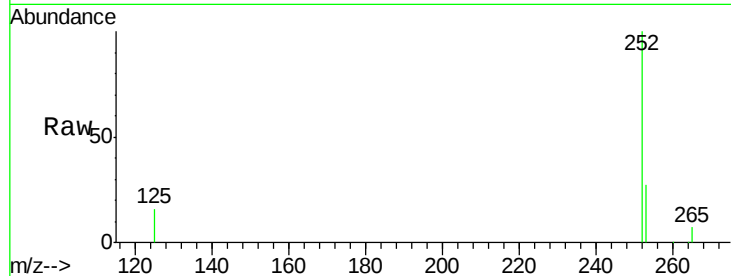
#22
Benzo(k)fluoranthene
Concen: 0.53 ng/ul m
RT: 21.68 min Scan# 3001
Delta R.T. -0.01 min
Lab File: BE091019.D
Acq: 15 Oct 2015 15:07

Instrument :
BNA_E
ClientSampleId :
X2063

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	29.8	44.6#
125	15.6	12.2	18.4

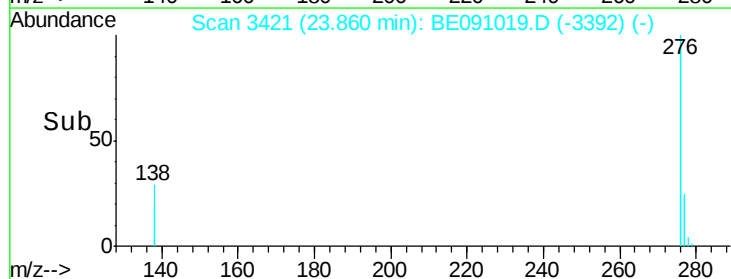
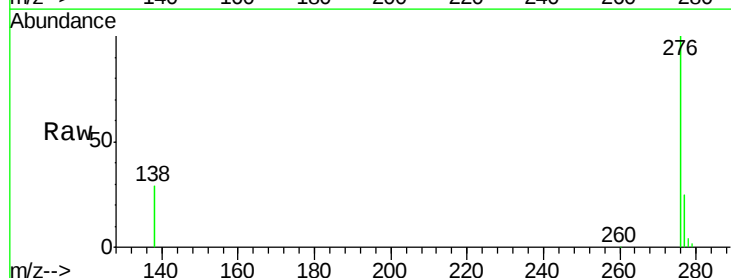
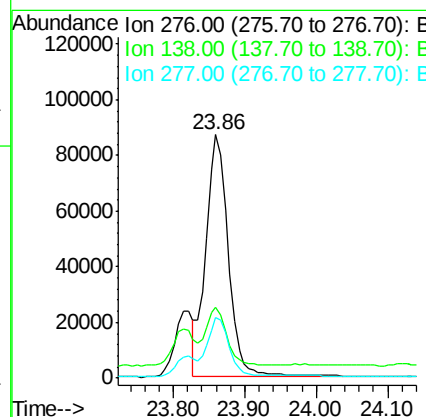
Manual Integrations
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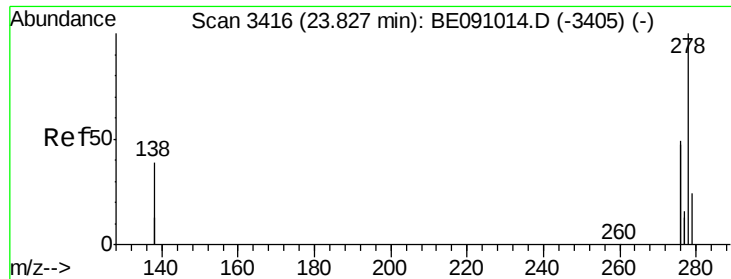
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng/ul
RT: 23.86 min Scan# 3421
Delta R.T. -0.01 min
Lab File: BE091019.D
Acq: 15 Oct 2015 15:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.5	29.3
277	23.4	19.4	29.0





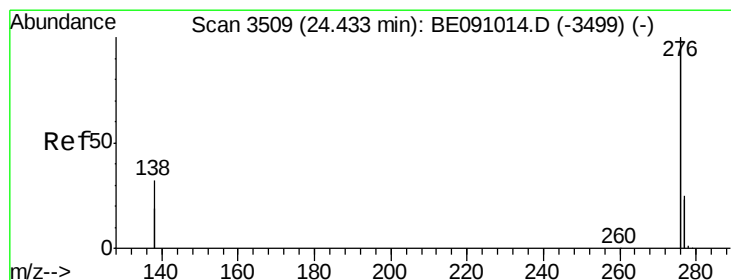
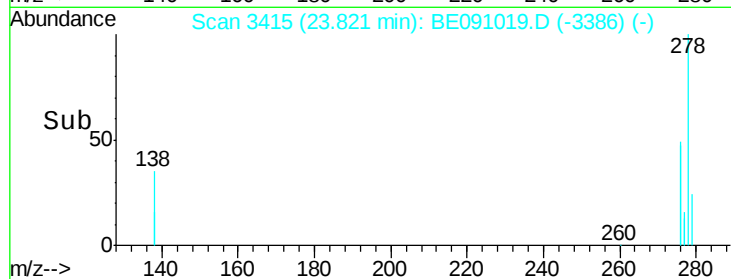
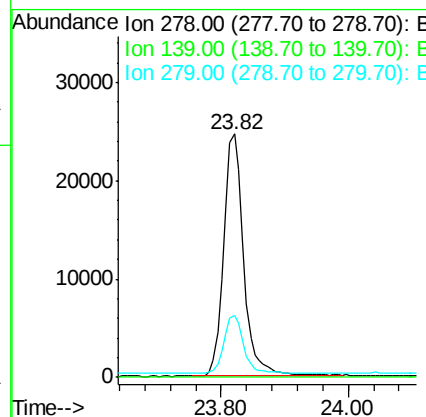
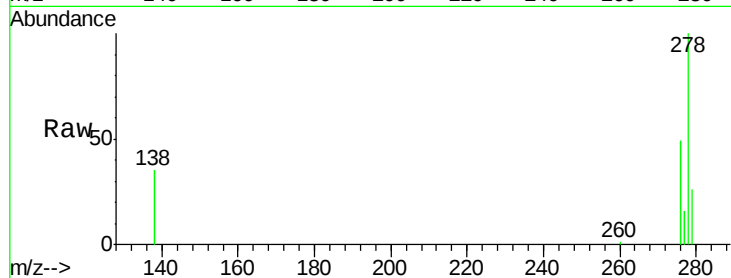
#25
Dibenzo(a,h)anthracene
Concen: 0.45 ng/ul
RT: 23.82 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BE091019.D
Acq: 15 Oct 2015 15:07

Instrument :
BNA_E
ClientSampleId :
X2063

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	25.6	22.1	33.1

Manual Integrations
APPROVED

MMdadoda
10/15/2015 6:57:21 PM



#26
Benzo(g,h,i)perylene
Concen: 0.65 ng/ul
RT: 24.43 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BE091019.D
Acq: 15 Oct 2015 15:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.8	29.8
138	29.3	29.4	44.2#

