

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
 Data File : BE091143.D
 Acq On : 12 Nov 2015 14:02
 Operator : UM/NP
 Sample : G4322-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS8

Manual Integrations
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Mmdadoda
 11/16/2015 12:42:33 PM

Quant Time: Nov 13 17:03:11 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3424	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	19145	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11592	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	27667	0.40	ng/ul	-0.01
18) Chrysene-d12	20.28	240	37583	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	41392	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	9623	3.91	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	3340	0.13	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	9143	0.12	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.61	128	2027	0.04	ng/ul#	87
9) Acenaphthylene	13.14	152	6397	0.11	ng/ul	98
11) Fluorene	14.45	166	1529	0.03	ng/ul#	89
14) Phenanthrene	16.16	178	172357	0.54	ng/ul	98
15) Anthracene	16.24	178	34555m	0.12	ng/ul	
17) Fluoranthene	18.15	202	434510	1.16	ng/ul	90
19) Pyrene	18.53	202	415701	0.97	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	45410	0.47	ng/ul	95
21) Chrysene	20.31	228	61221	0.55	ng/ul	99
23) Benzo(b)fluoranthene	21.63	252	52022	0.40	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	55273	0.42	ng/ul	96
25) Benzo(a)pyrene	22.09	252	55493	0.47	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	23.83	276	155250m	0.31	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	9581	0.08	ng/ul#	71
28) Benzo(a,h,i)perylene	24.40	276	152484	0.29	ng/ul	98

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

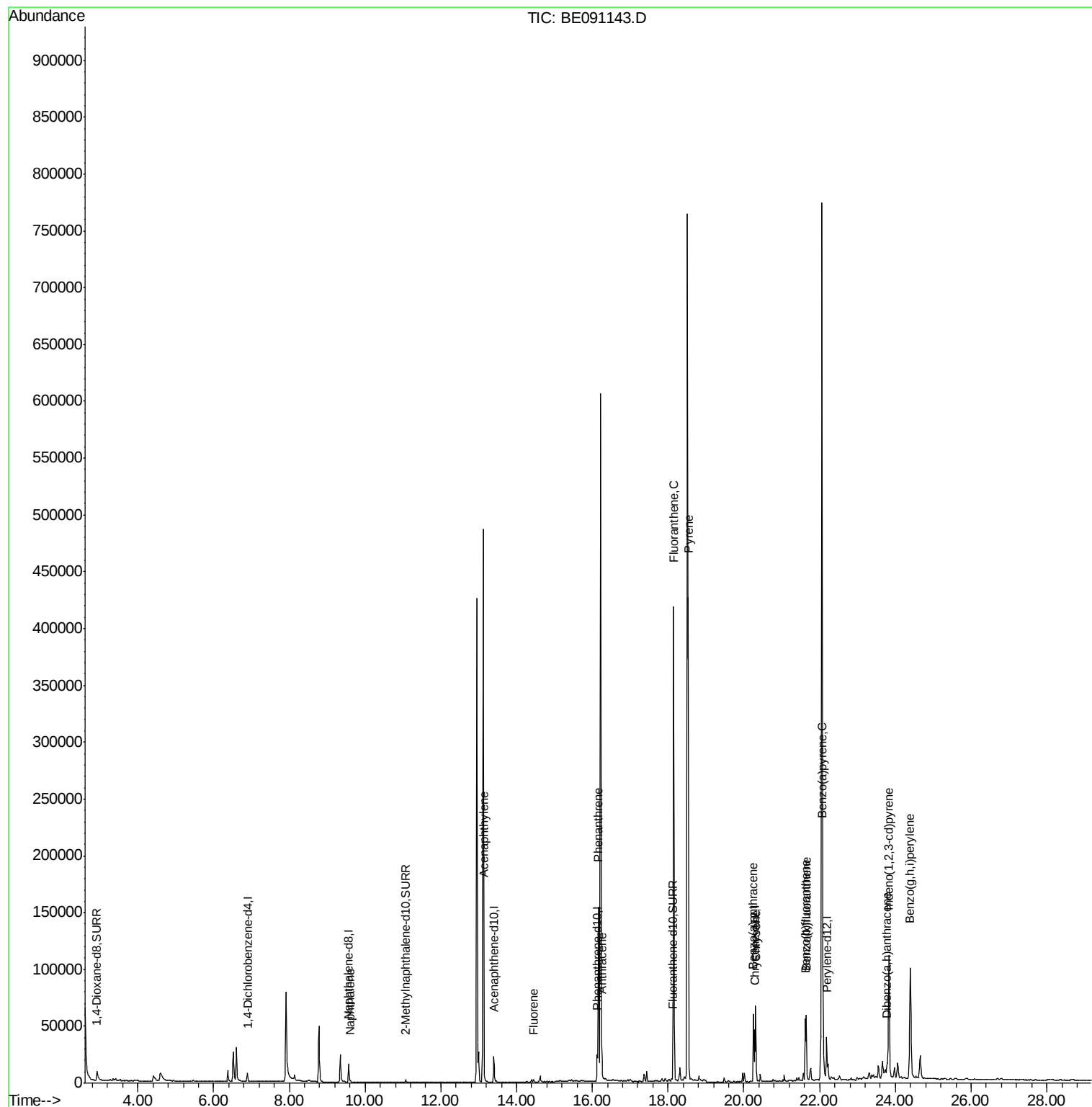
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
Data File : BE091143.D
Acq On : 12 Nov 2015 14:02
Operator : UM/NP
Sample : G4322-17
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ALS Vial : 28 Sample Multiplier: 1

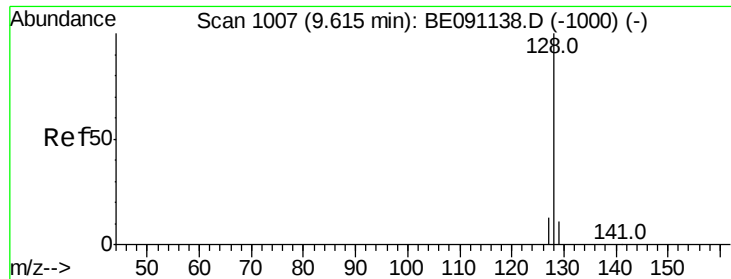
Instrument :
BNA_E
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A4HS8

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.04 ng/ul

RT: 9.61 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BE091143.D

Acq: 12 Nov 2015 14:02

Instrument :

BNA_E

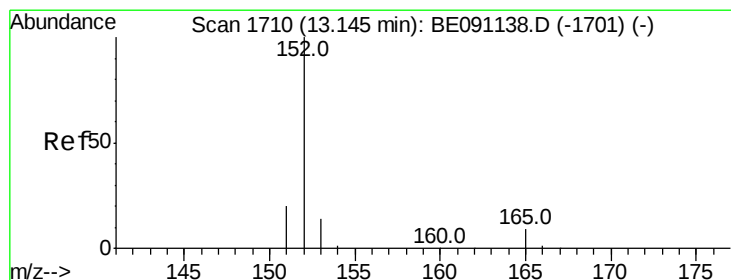
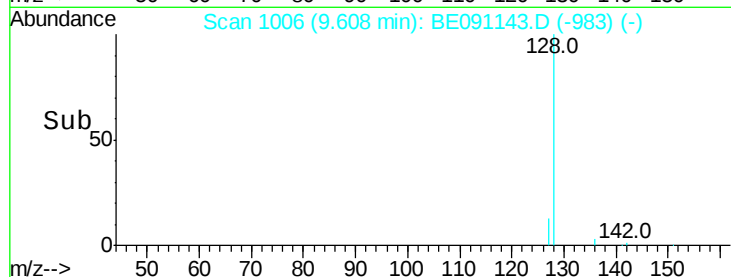
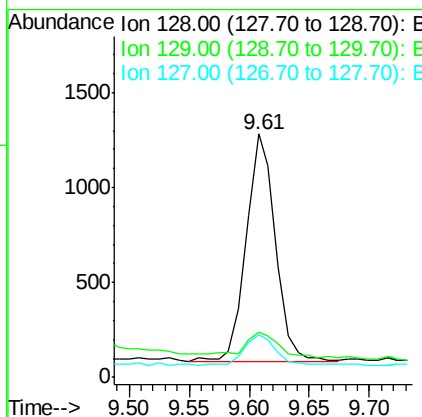
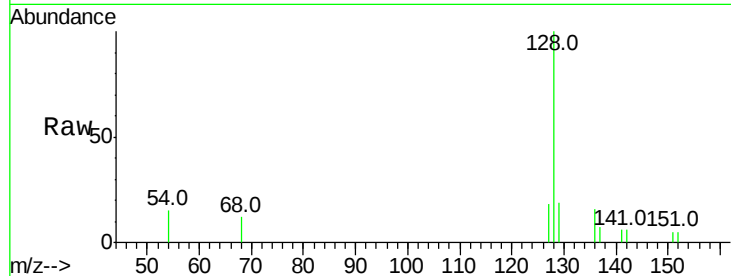
ClientSampleId :

A4HS8

Tot Ion:	128	Resp:	2027
Ion Ratio	Lower	Upper	
128	100		
129	18.7	9.8	14.8#
127	17.6	10.7	16.1#

Manual Integrations
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#9

Acenaphthylene

Concen: 0.11 ng/ul

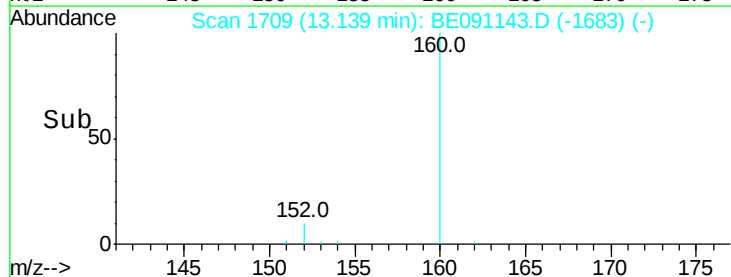
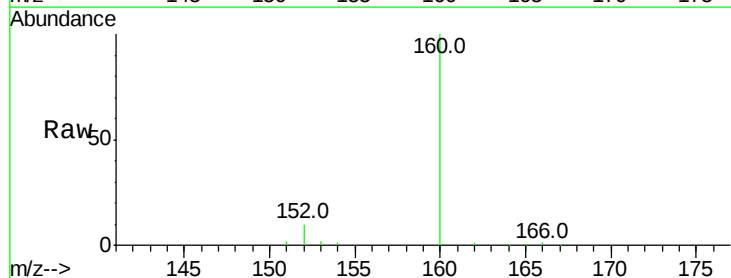
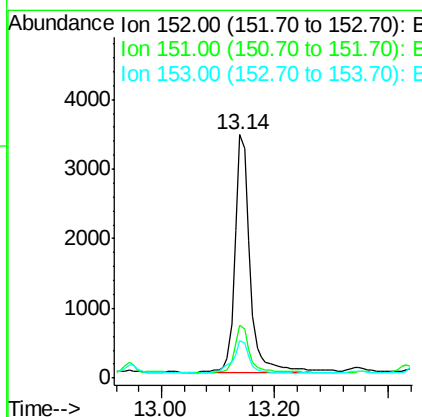
RT: 13.14 min Scan# 1709

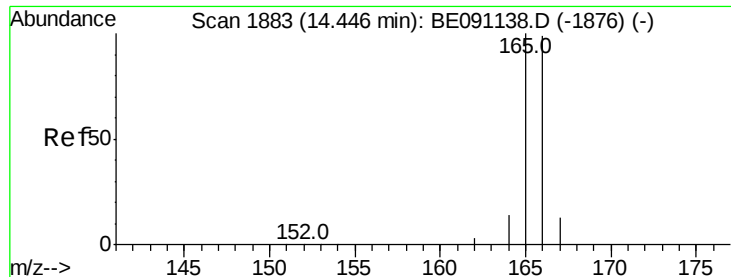
Delta R.T. -0.01 min

Lab File: BE091143.D

Acq: 12 Nov 2015 14:02

Tgt Ion:	152	Resp:	6397
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.8	25.2
153	15.3	11.3	16.9





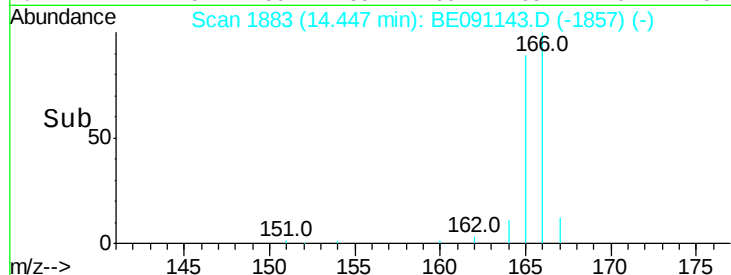
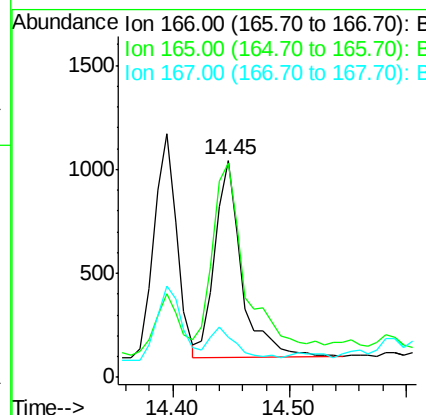
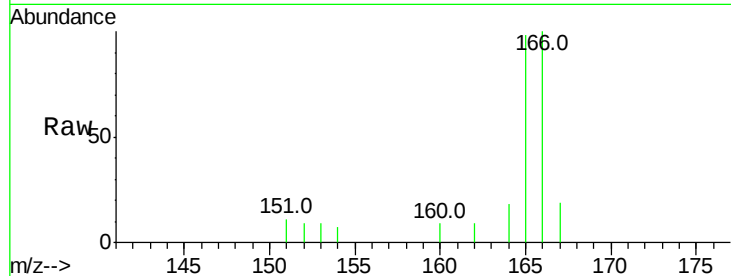
#11
Fluorene
Concen: 0.03 ng/ul
RT: 14.45 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BE091143.D
Acq: 12 Nov 2015 14:02

Instrument :
BNA_E
ClientSampleId :
A4HS8

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	87.6	131.4
167	18.7	11.1	16.7#

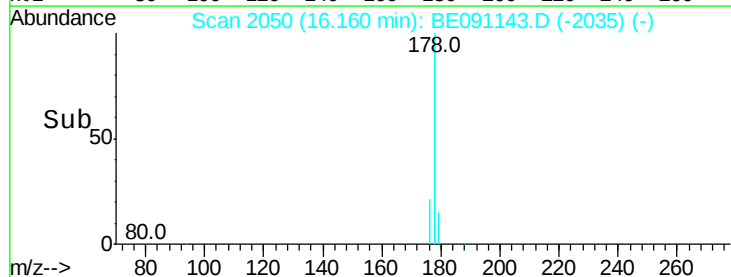
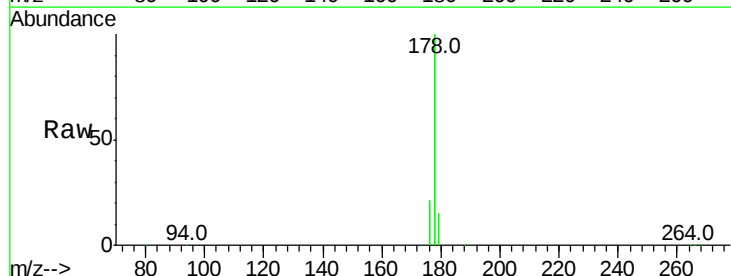
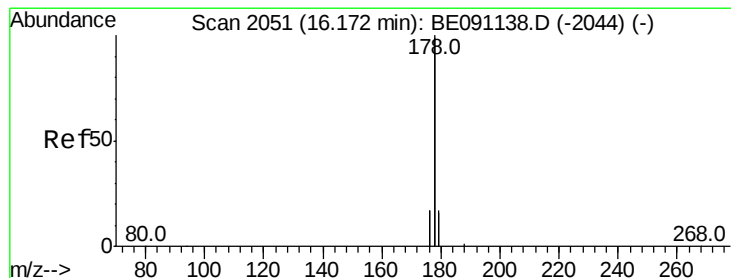
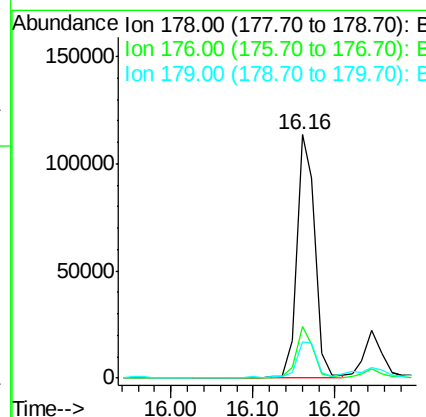
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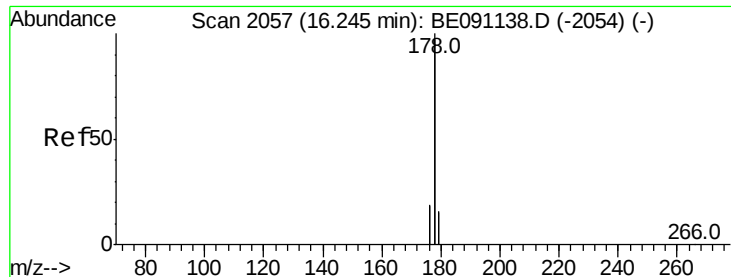
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#14
Phenanthrene
Concen: 0.54 ng/ul
RT: 16.16 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE091143.D
Acq: 12 Nov 2015 14:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.2	24.4
179	14.8	12.8	19.2





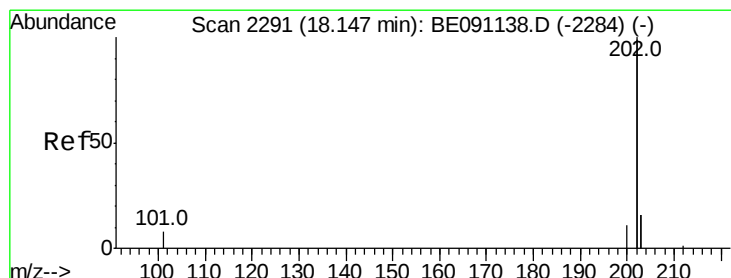
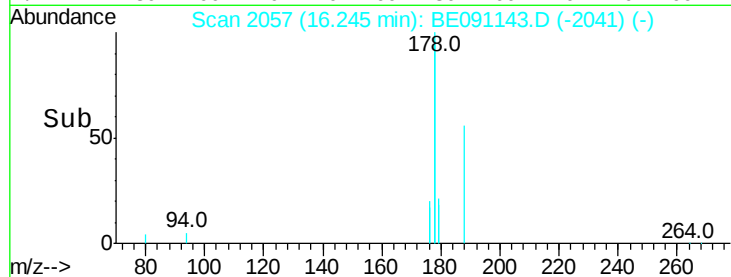
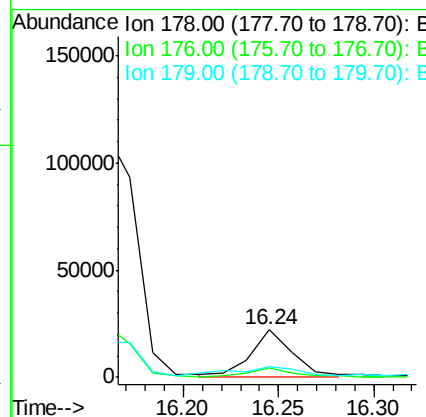
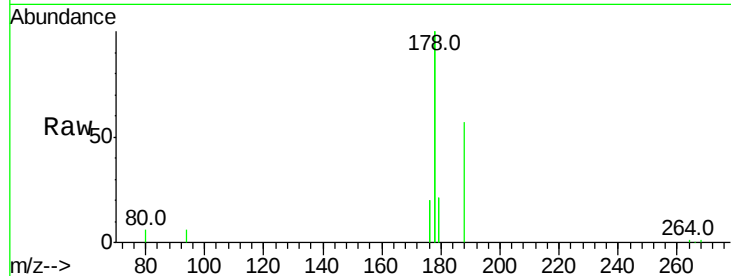
#15
 Anthracene
 Concen: 0.12 ng/ul m
 RT: 16.24 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BE091143.D
 Acq: 12 Nov 2015 14:02

Instrument :
 BNA_E
 ClientSampleId :
 A4HS8

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	21.4	13.3	19.9

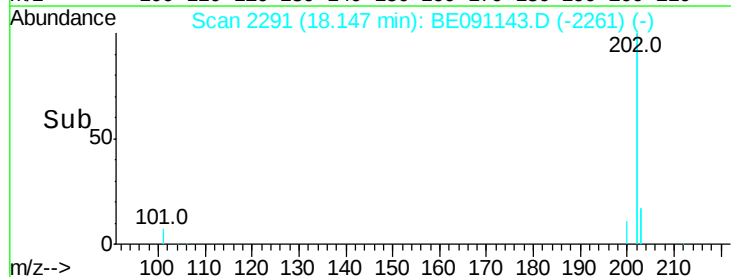
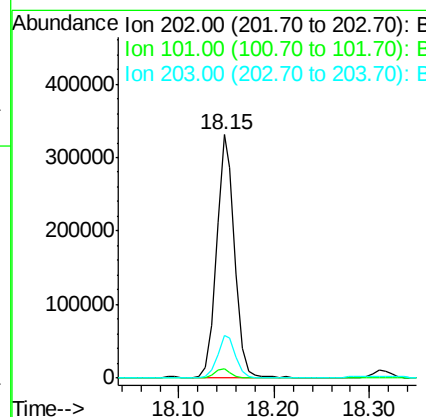
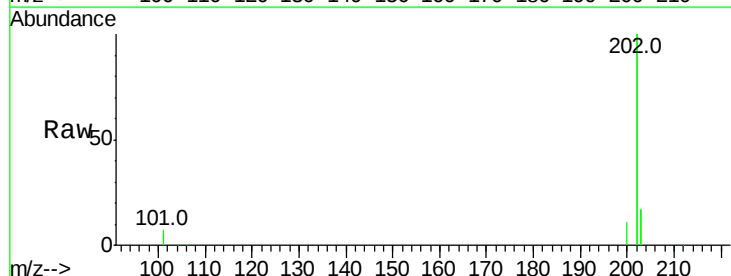
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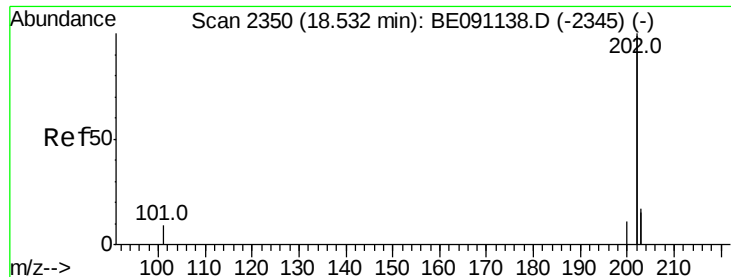
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#17
 Fluoranthene
 Concen: 1.16 ng/ul
 RT: 18.15 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BE091143.D
 Acq: 12 Nov 2015 14:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	33.1
203	17.3	0.0	37.2





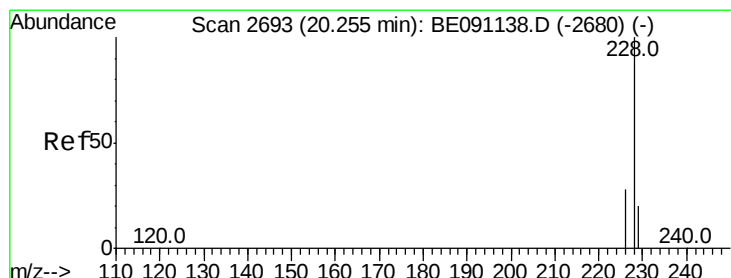
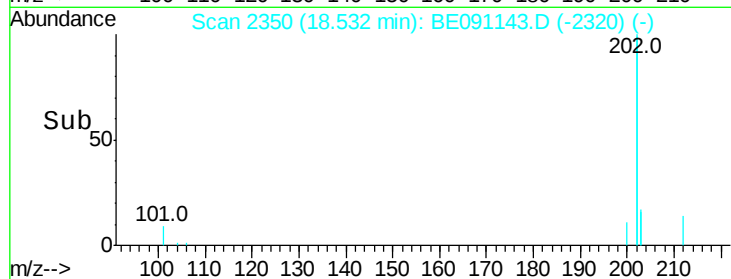
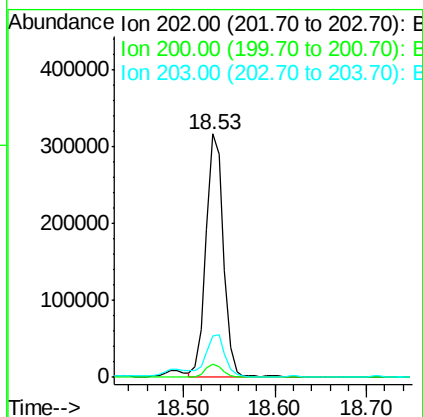
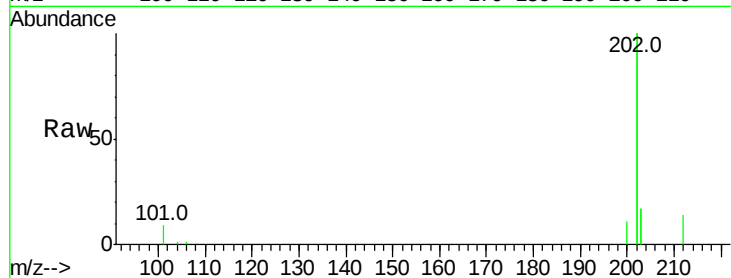
#19
Pvrene
Concen: 0.97 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BE091143.D
Acq: 12 Nov 2015 14:02

Instrument :
BNA_E
ClientSampleId :
A4HS8

Tot Ion	Ratio	Resp	Lower	Upper
202	100	415701		
200	5.6	18.0	27.0#	
203	17.0	13.8	20.6	

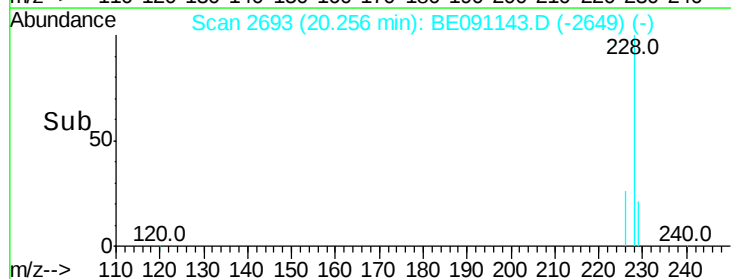
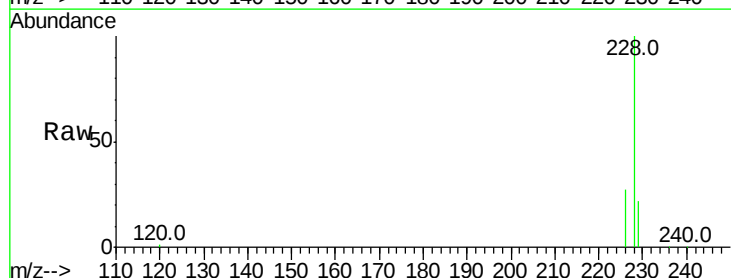
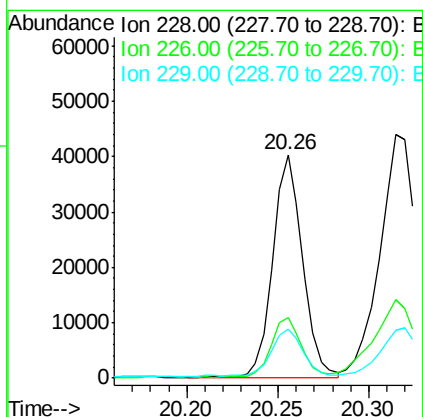
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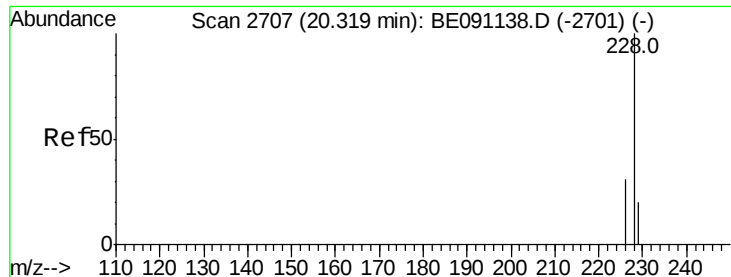
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#20
Benzo(a)anthracene
Concen: 0.47 ng/ul
RT: 20.26 min Scan# 2693
Delta R.T. -0.00 min
Lab File: BE091143.D
Acq: 12 Nov 2015 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	45410		
226	26.9	23.0	34.4	
229	22.2	15.2	22.8	





#21

Chrysene

Concen: 0.55 ng/ul

RT: 20.31 min Scan# 2706

Delta R.T. -0.00 min

Lab File: BE091143.D

Acq: 12 Nov 2015 14:02

Instrument :

BNA_E

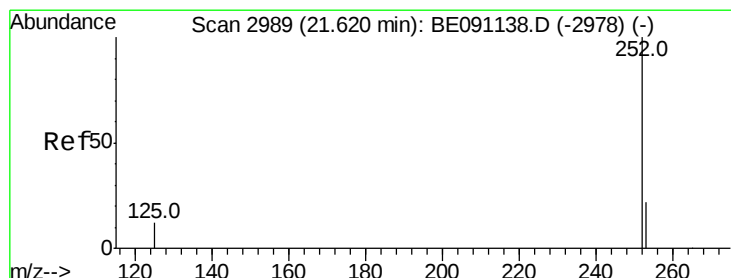
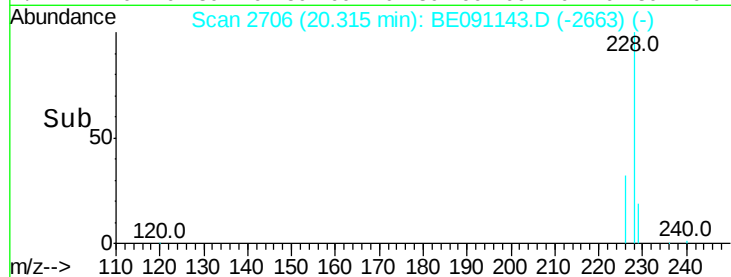
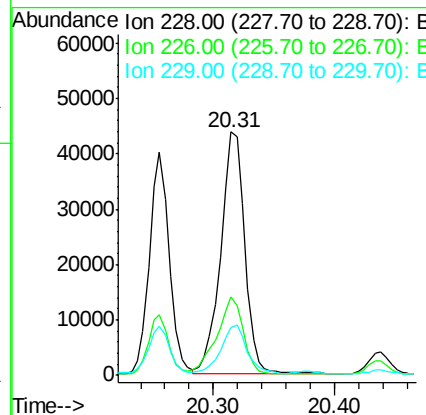
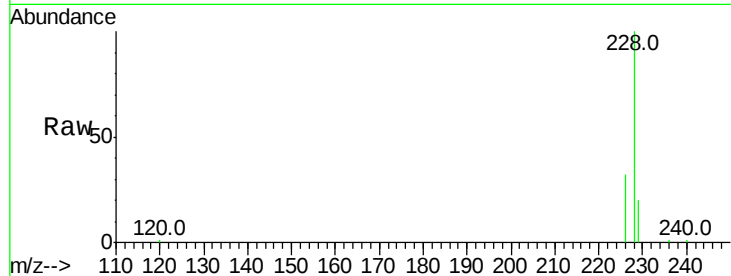
ClientSampleId :

A4HS8

Tot Ion:	228	Resp:	61221
Ion Ratio	Lower	Upper	
228	100		
226	32.1	25.7	38.5
229	19.8	15.2	22.8

Manual Integrations
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#23

Benzo(b)fluoranthene

Concen: 0.40 ng/ul

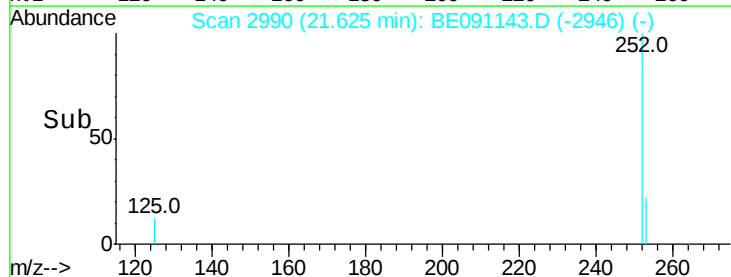
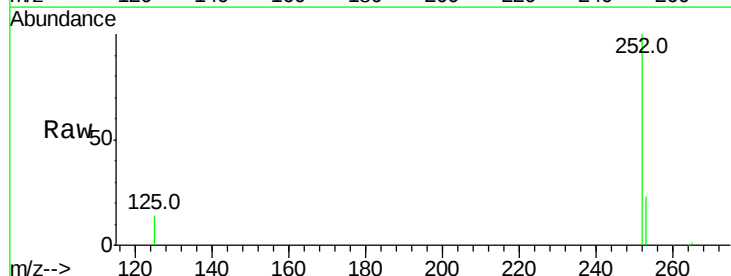
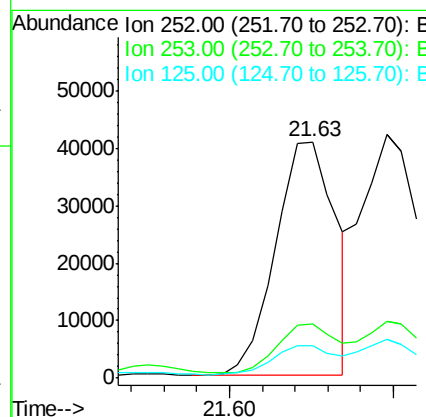
RT: 21.63 min Scan# 2990

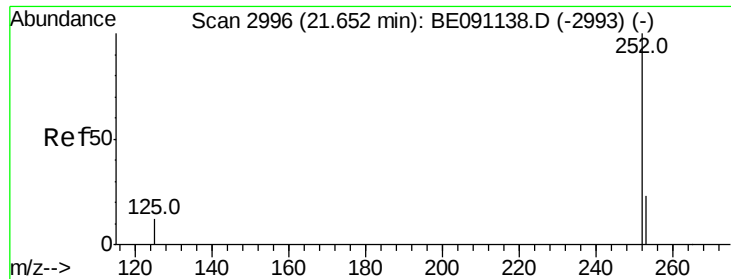
Delta R.T. 0.00 min

Lab File: BE091143.D

Acq: 12 Nov 2015 14:02

Tgt Ion:	252	Resp:	52022
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	48.0
125	13.6	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 0.42 ng/ul

RT: 21.65 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BE091143.D

Acq: 12 Nov 2015 14:02

Instrument :

BNA_E

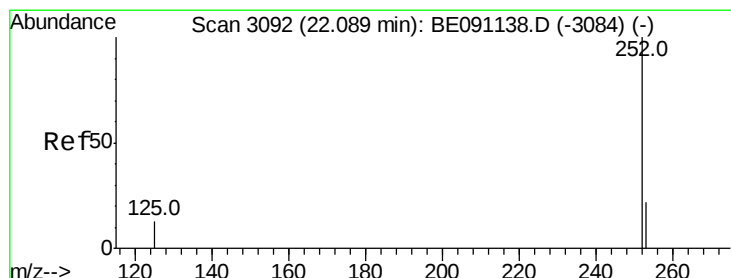
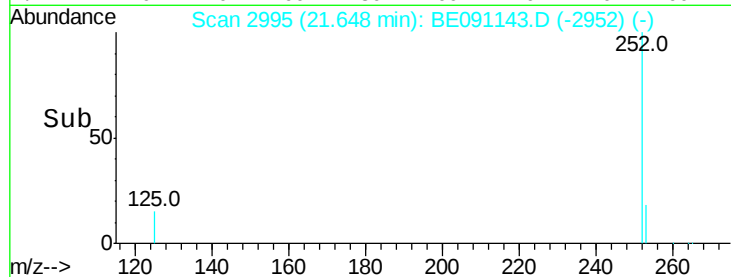
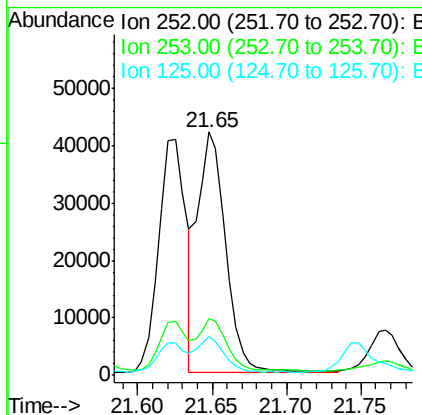
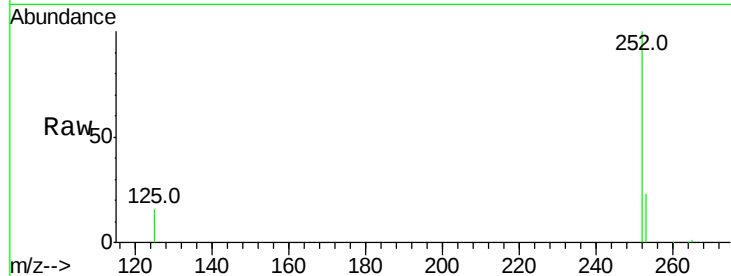
ClientSampleId :

A4HS8

Tot Ion:	252	Resp:	55273
Ion Ratio	Lower	Upper	
252	100		
253	23.1	20.8	31.2
125	16.2	12.2	18.4

Manual Integrations
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#25

Benzo(a)pyrene

Concen: 0.47 ng/ul

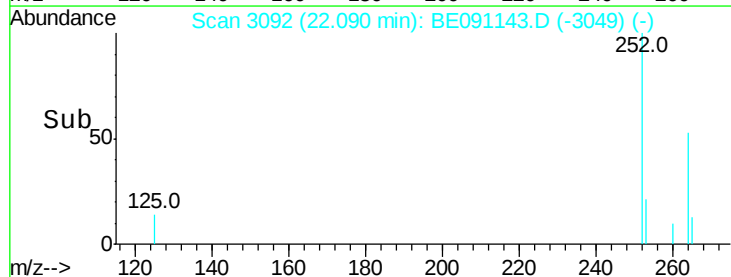
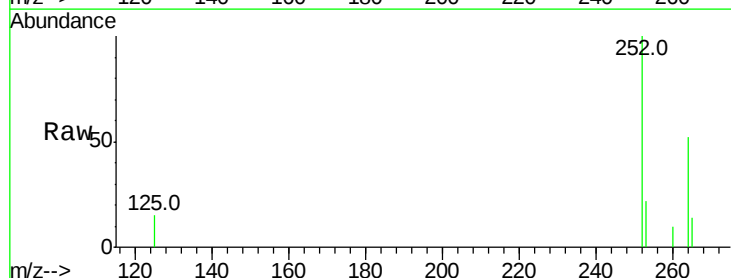
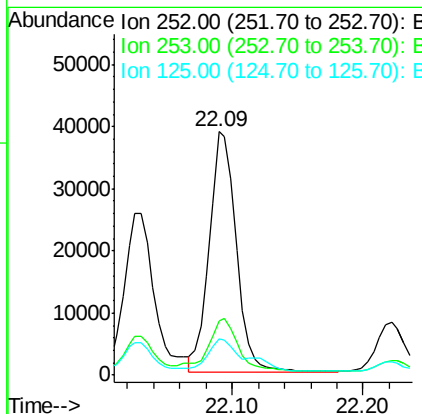
RT: 22.09 min Scan# 3092

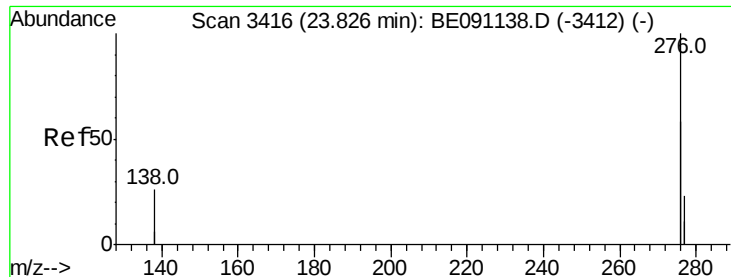
Delta R.T. -0.00 min

Lab File: BE091143.D

Acq: 12 Nov 2015 14:02

Tgt Ion:	252	Resp:	55493
Ion Ratio	Lower	Upper	
252	100		
253	22.4	21.8	32.8
125	15.0	14.5	21.7





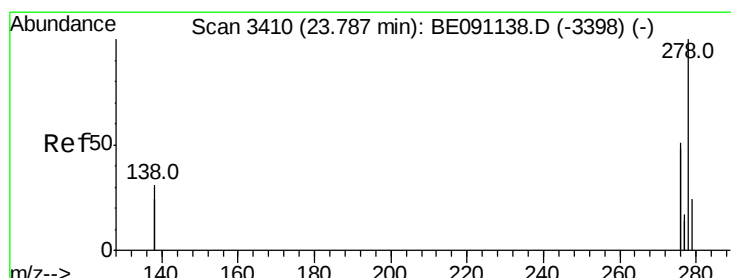
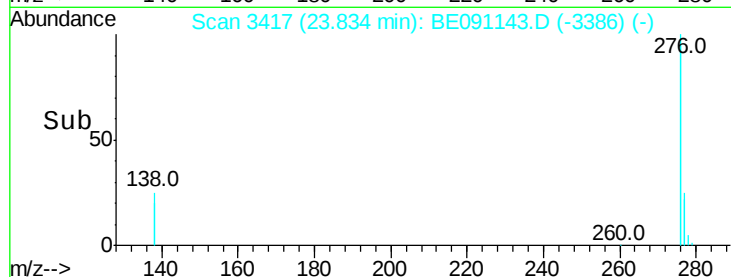
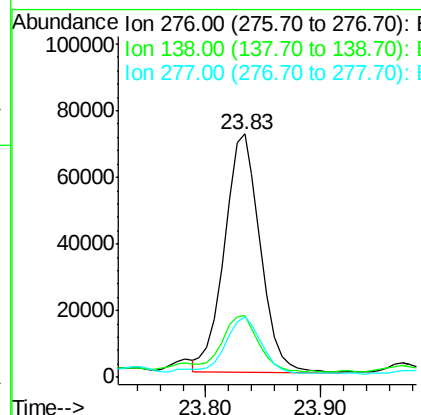
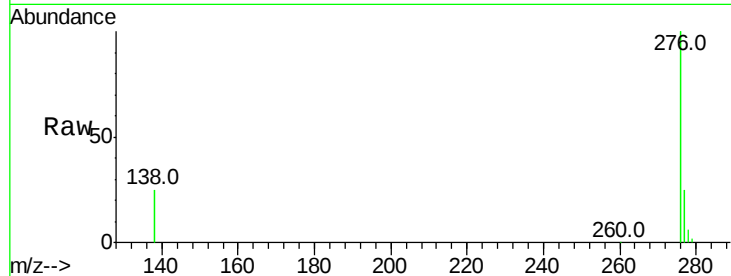
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.31 ng/ul m
RT: 23.83 min Scan# 3417
Delta R.T. 0.00 min
Lab File: BE091143.D
Acq: 12 Nov 2015 14:02

Instrument :
BNA_E
ClientSampleId :
A4HS8

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	27.5	41.3#
277	25.3	19.3	28.9

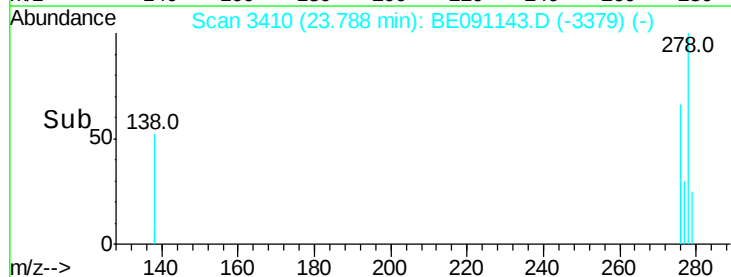
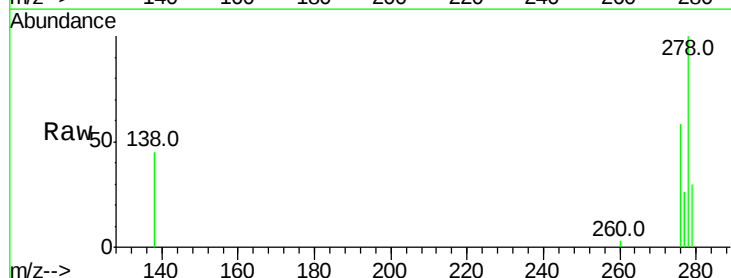
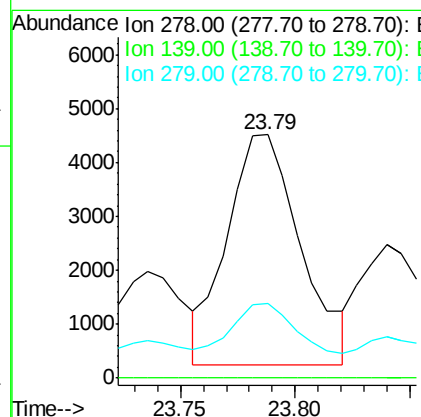
Manual Integrations
APPROVED

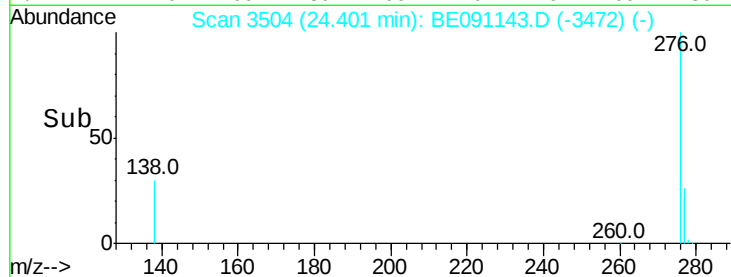
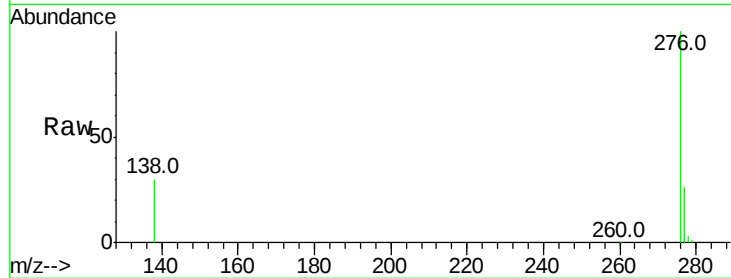
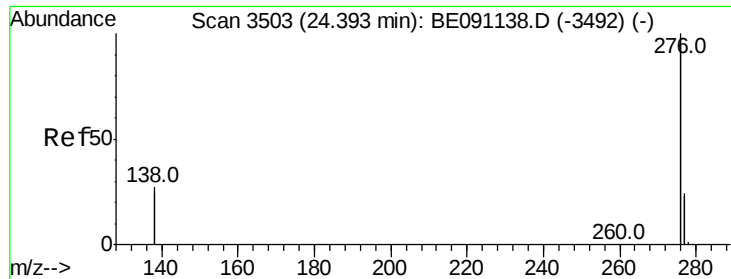
Mmdadoda
11/16/2015 12:42:33 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 23.79 min Scan# 3410
Delta R.T. 0.00 min
Lab File: BE091143.D
Acq: 12 Nov 2015 14:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	30.4	21.9	32.9





#28

Benzo(a,h,i)perylene

Concen: 0.29 ng/ul

RT: 24.40 min Scan# 3504

Delta R.T. 0.01 min

Lab File: BE091143.D

Acq: 12 Nov 2015 14:02

Instrument :

BNA_E

ClientSampleId :

A4HS8

Tot Ion: 276 Resp: 152484

Ion Ratio Lower Upper

276 100

277 25.7 21.3 31.9

138 30.4 25.5 38.3

Manual Integrations
APPROVED

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