

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
 Data File : BE091089.D
 Acq On : 6 Nov 2015 14:10
 Operator : UM/NP
 Sample : G4273-09DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP5DL

Manual Integrations
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 11/9/2015 6:48:20 PM

Quant Time: Nov 09 13:56:41 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 : Mon Nov 09 05:49:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	2984	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	16444	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	9247	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	22917	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	25416	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	26075	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.98	96	2580	1.20	ng/uL	0.03
6) 2-Methylnaphthalene-d10	11.08	152	976	0.04	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	3040	0.05	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	9.62	128	8874	0.22	ng/ul	99
7) 2-Methylnaphthalene	11.15	142	20686	0.78	ng/ul	98
9) Acenaphthylene	13.15	152	14015	0.30	ng/ul	98
10) Acenaphthene	13.46	153	99150	3.14	ng/ul	94
11) Fluorene	14.45	166	125863	3.10	ng/ul	94
14) Phenanthrene	16.17	178	1779868	6.73	ng/ul	97
15) Anthracene	16.24	178	850681	3.54	ng/ul	98
17) Fluoranthene	18.15	202	2473204	7.99	ng/ul	89
19) Pyrene	18.54	202	1672438	5.79	ng/ul#	78
20) Benzo(a)anthracene	20.26	228	220148	3.37	ng/ul	97
21) Chrysene	20.32	228	204696	2.72	ng/ul	99
23) Benzo(b)fluoranthene	21.63	252	137681	1.69	ng/ul	93
24) Benzo(k)fluoranthene	21.65	252	145689	1.74	ng/ul	95
25) Benzo(a)pyrene	22.09	252	149652m	2.00	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.84	276	287712m	0.91	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	24444	0.32	ng/ul#	74
28) Benzo(g,h,i)perylene	24.40	276	225255	0.68	ng/ul	92

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

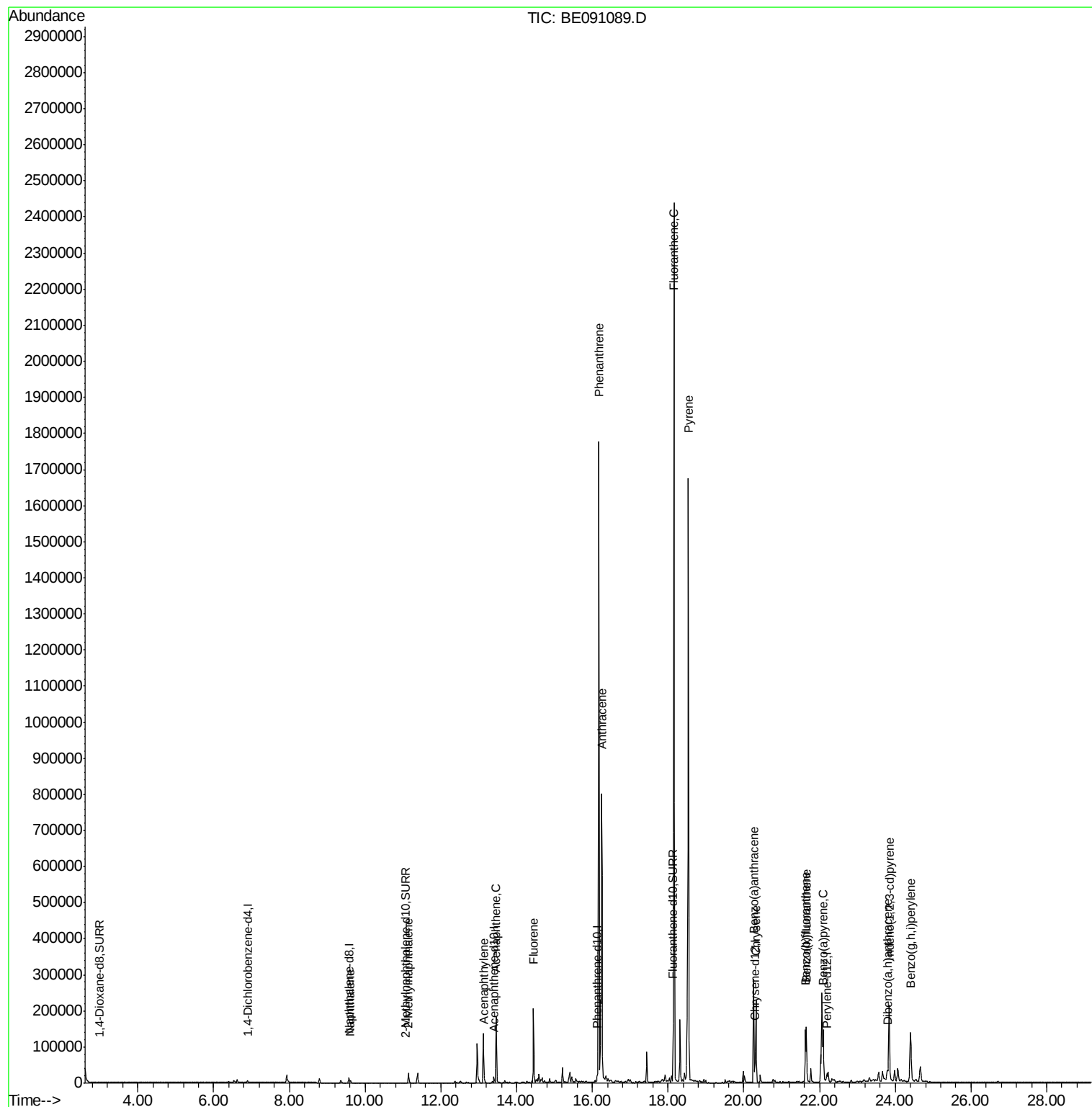
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
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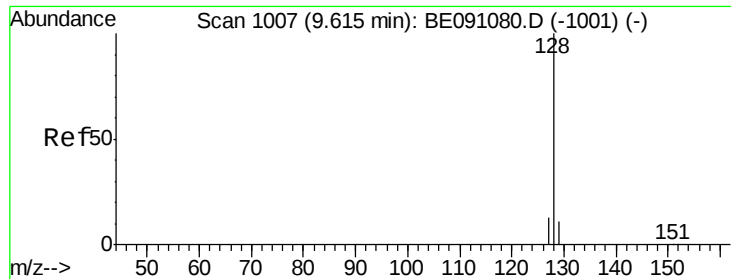
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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#5

Naphthalene

Concen: 0.22 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE091089.D

Acq: 6 Nov 2015 14:10

Instrument :

BNA_E

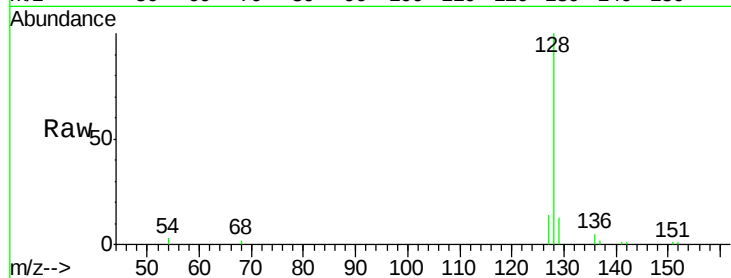
ClientSampleId :

C0AP5DL

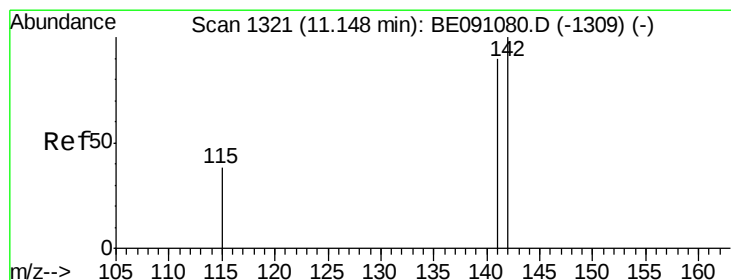
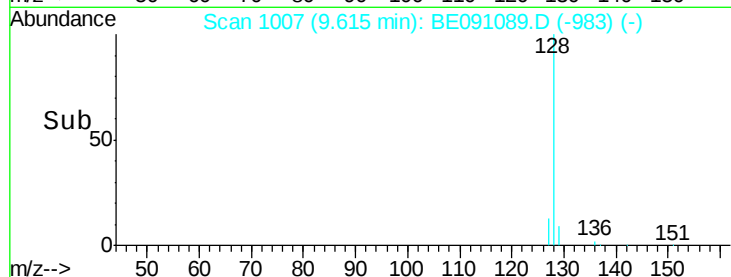
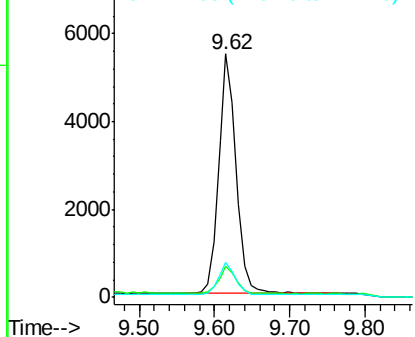
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Tgt Ion:	128	Resp:	8874
Ion Ratio	Lower	Upper	
128	100		
129	12.5	9.8	14.8
127	14.2	10.7	16.1



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



#7

2-Methylnaphthalene

Concen: 0.78 ng/ul

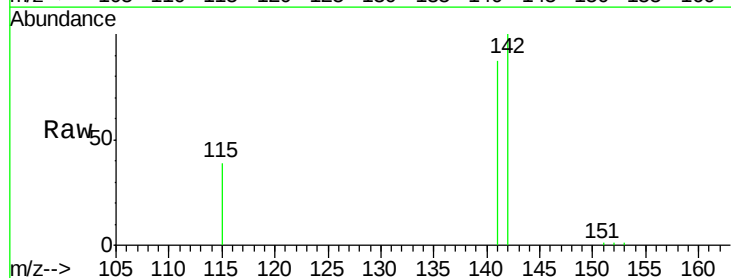
RT: 11.15 min Scan# 1321

Delta R.T. -0.00 min

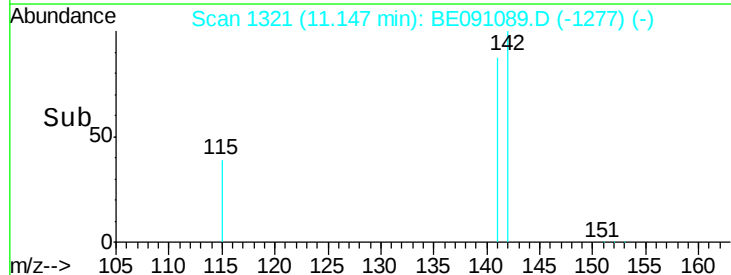
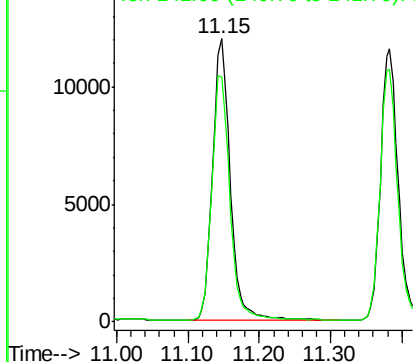
Lab File: BE091089.D

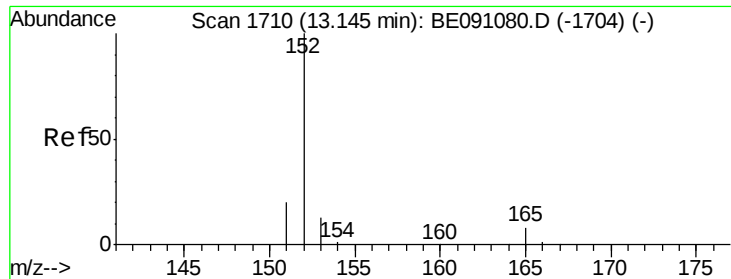
Acq: 6 Nov 2015 14:10

Tgt Ion:	142	Resp:	20686
Ion Ratio	Lower	Upper	
142	100		
141	89.5	70.3	105.5



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





#9

Acenaphthylene

Concen: 0.30 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE091089.D

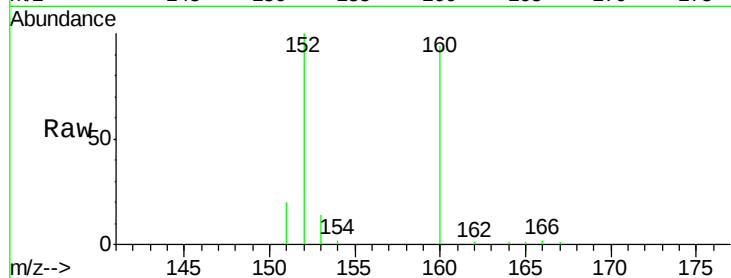
Acq: 6 Nov 2015 14:10

Instrument :

BNA_E

ClientSampleId :

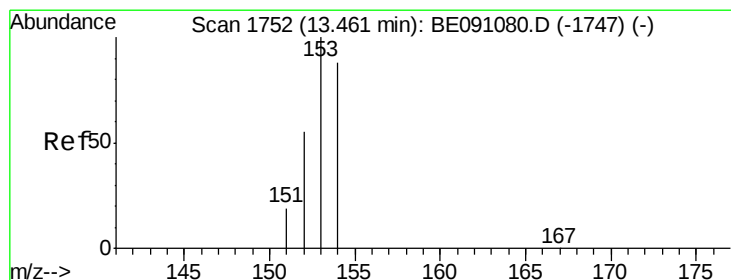
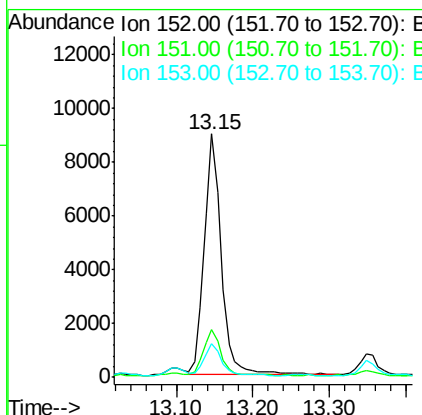
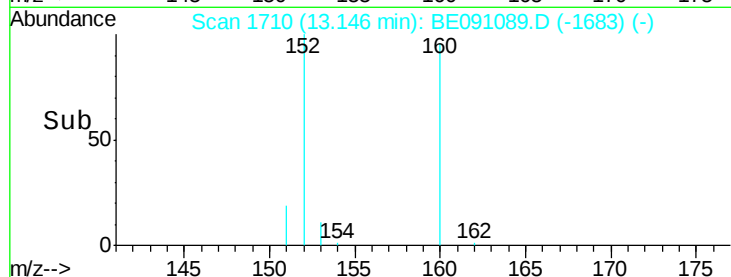
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.6	11.3	16.9

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#10

Acenaphthene

Concen: 3.14 ng/ul

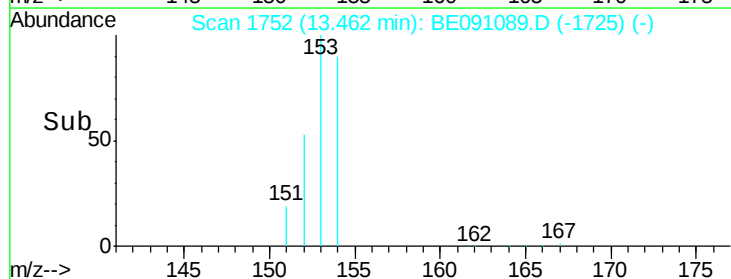
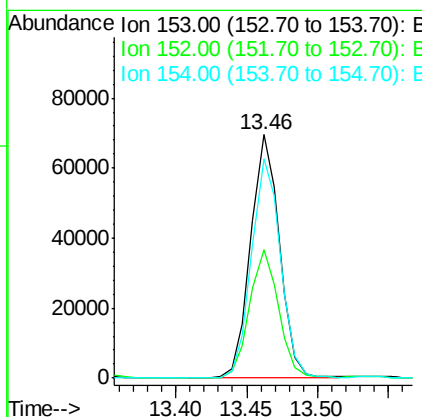
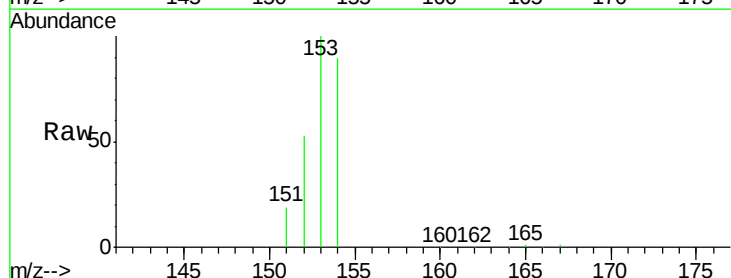
RT: 13.46 min Scan# 1752

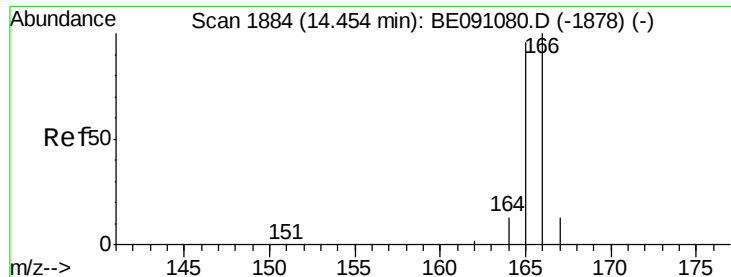
Delta R.T. 0.00 min

Lab File: BE091089.D

Acq: 6 Nov 2015 14:10

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.7	42.3	63.5
154	89.9	64.7	97.1





#11

Fluorene

Concen: 3.10 ng/ul

RT: 14.45 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BE091089.D

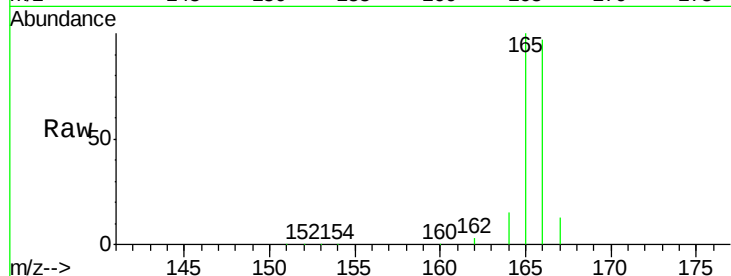
Acq: 6 Nov 2015 14:10

Instrument :

BNA_E

ClientSampleId :

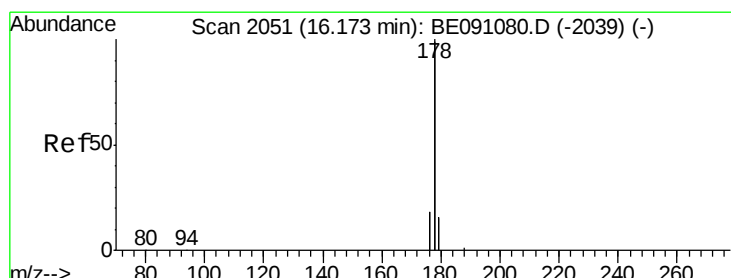
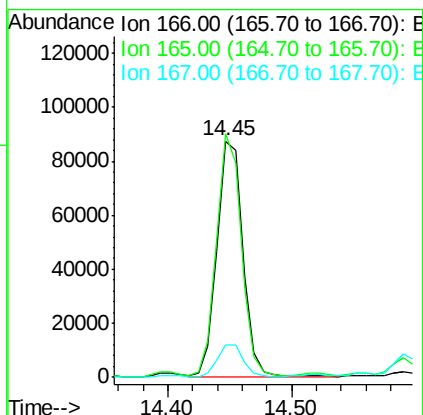
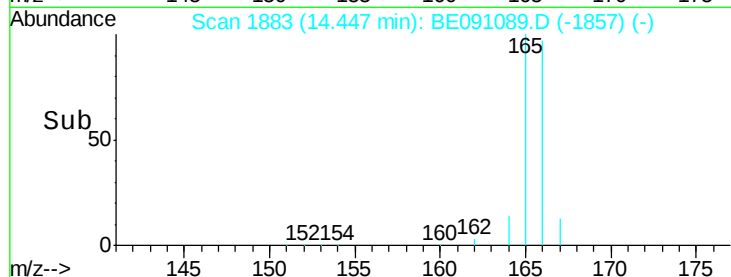
C0AP5DL



Tgt Ion:	166	Resp:	125863
Ion Ratio	Lower	Upper	
166	100		
165	102.9	87.6	131.4
167	13.5	11.1	16.7

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#14

Phenanthrene

Concen: 6.73 ng/ul

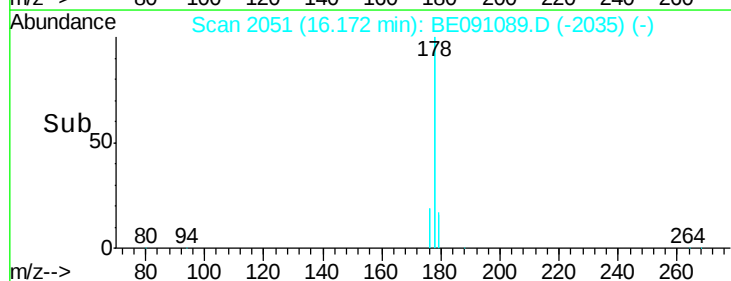
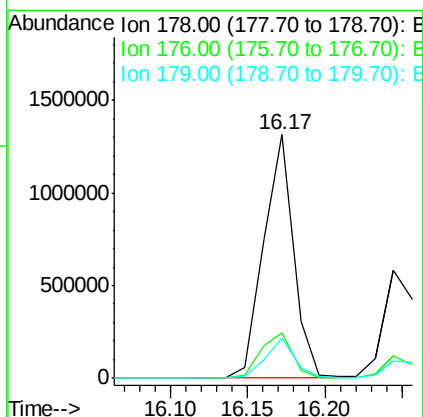
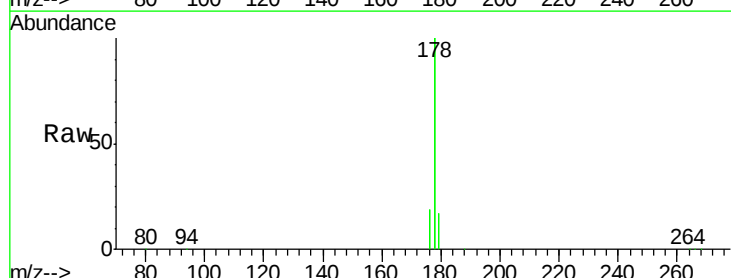
RT: 16.17 min Scan# 2051

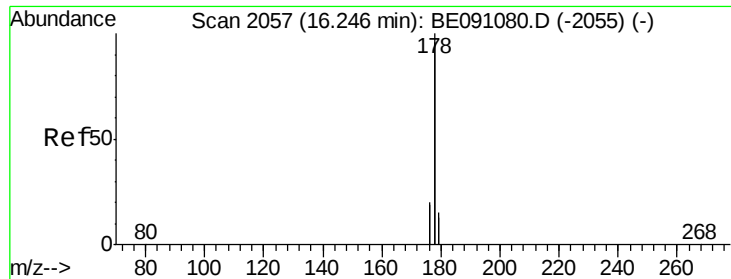
Delta R.T. -0.00 min

Lab File: BE091089.D

Acq: 6 Nov 2015 14:10

Tgt Ion:	178	Resp:	1779868
Ion Ratio	Lower	Upper	
178	100		
176	18.6	16.2	24.4
179	16.5	12.8	19.2





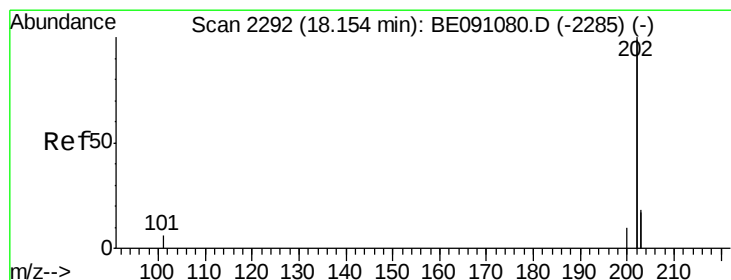
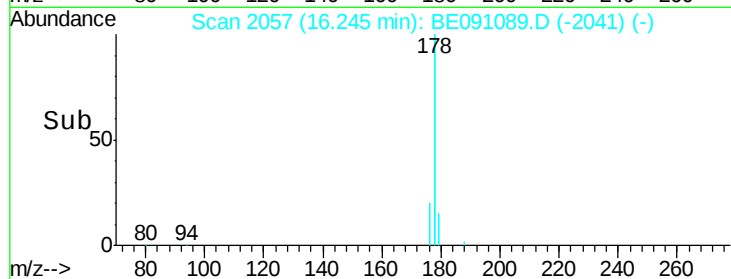
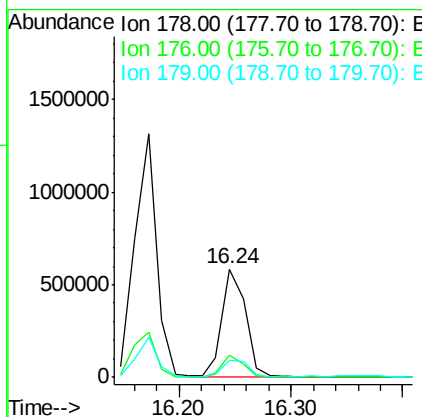
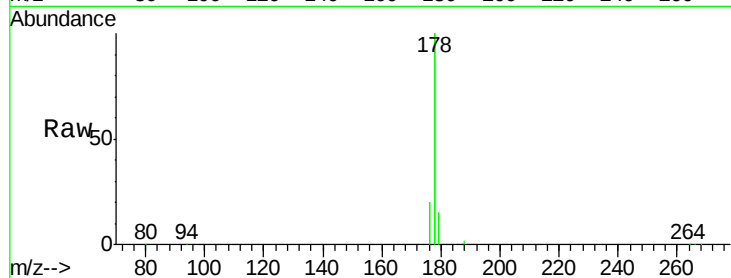
#15
 Anthracene
 Concen: 3.54 ng/ul
 RT: 16.24 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BE091089.D
 Acq: 6 Nov 2015 14:10

Instrument :
 BNA_E
 ClientSampleId :
 C0AP5DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.4	13.3	19.9

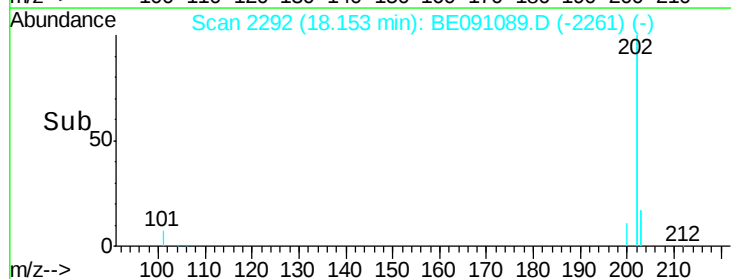
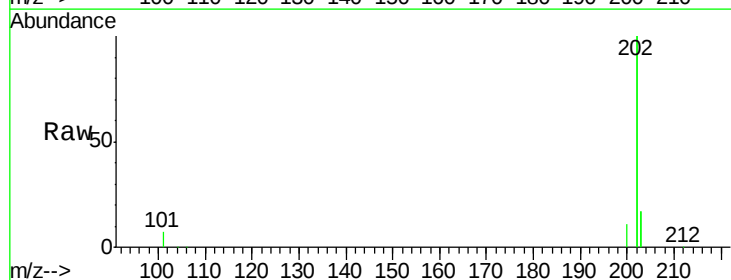
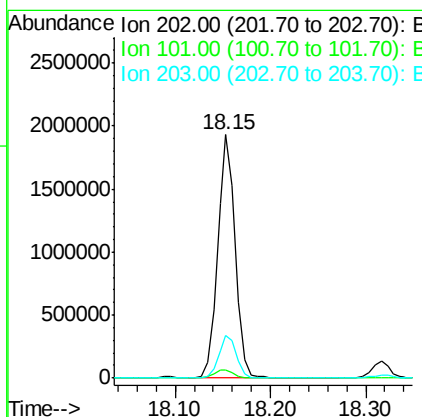
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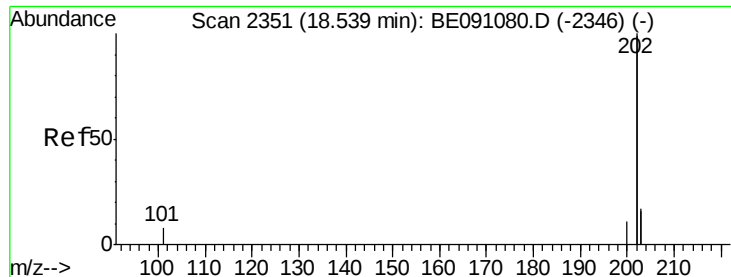
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#17
 Fluoranthene
 Concen: 7.99 ng/ul
 RT: 18.15 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BE091089.D
 Acq: 6 Nov 2015 14:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.5	0.0	33.1
203	17.4	0.0	37.2





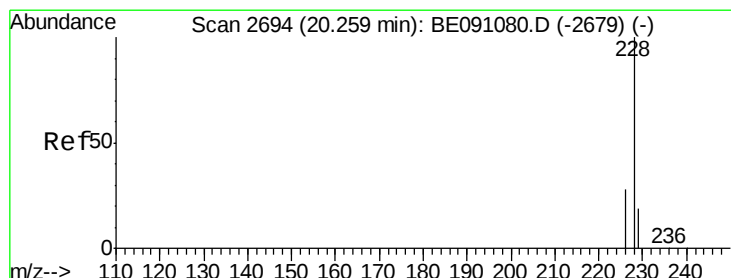
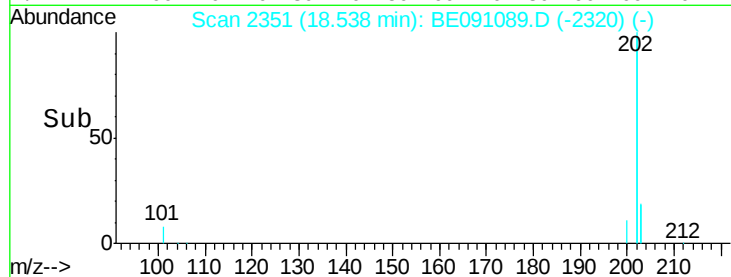
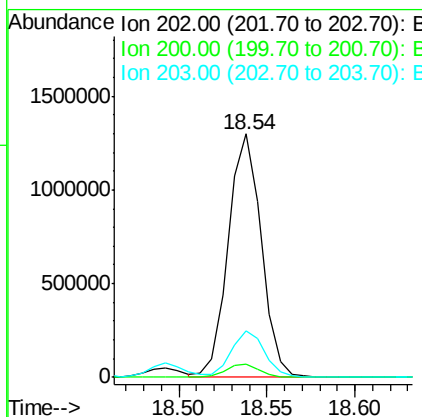
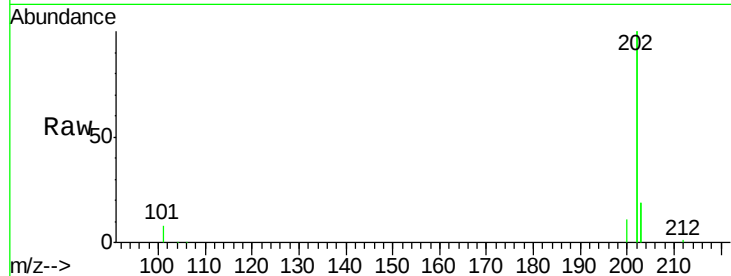
#19
Pyrene
Concen: 5.79 ng/ul
RT: 18.54 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BE091089.D
Acq: 6 Nov 2015 14:10

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.4	18.0	27.0#
203	19.1	13.8	20.6

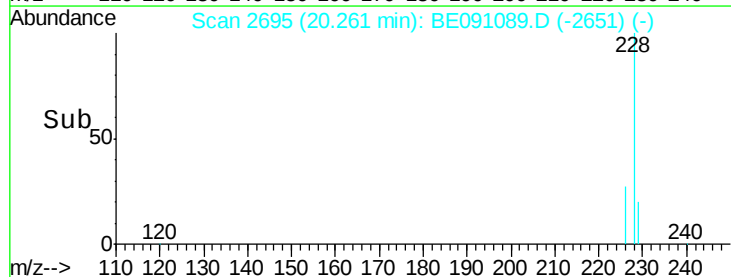
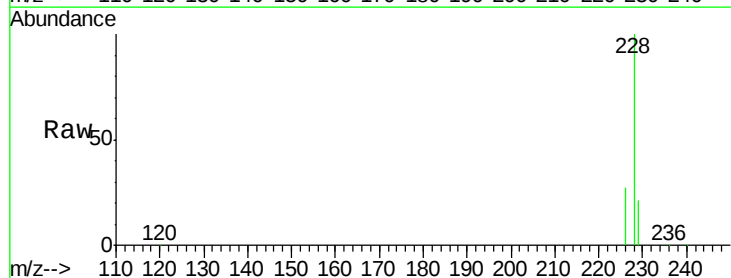
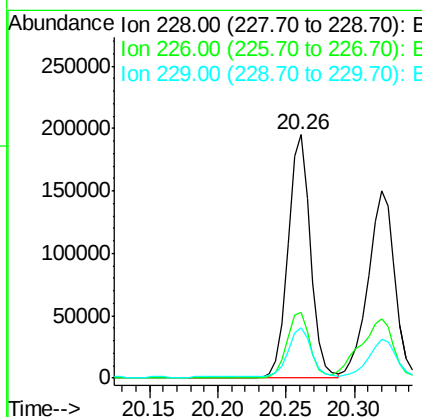
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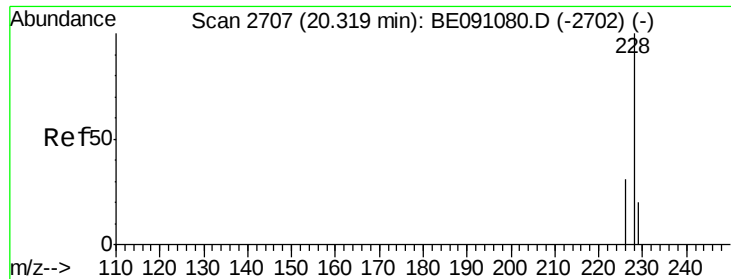
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#20
Benzo(a)anthracene
Concen: 3.37 ng/ul
RT: 20.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: BE091089.D
Acq: 6 Nov 2015 14:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.0	34.4
229	20.8	15.2	22.8





#21

Chrysene

Concen: 2.72 ng/ul

RT: 20.32 min Scan# 2708

Delta R.T. 0.00 min

Lab File: BE091089.D

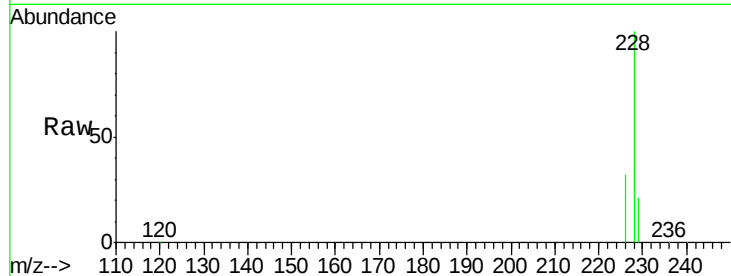
Acq: 6 Nov 2015 14:10

Instrument :

BNA_E

ClientSampleId :

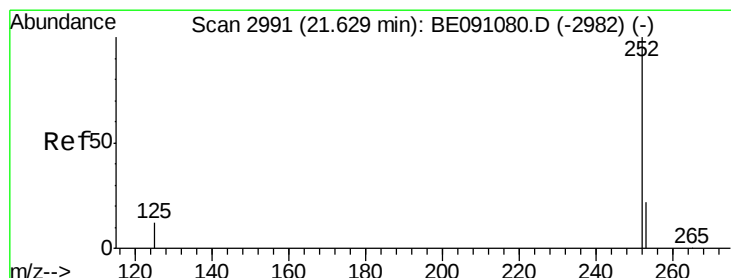
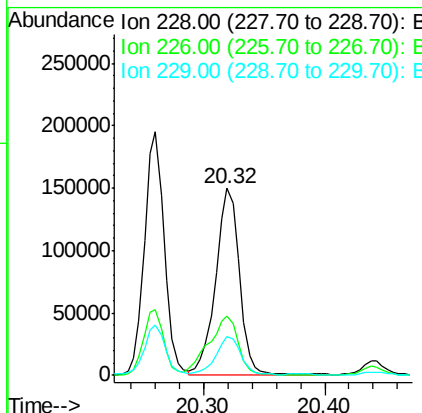
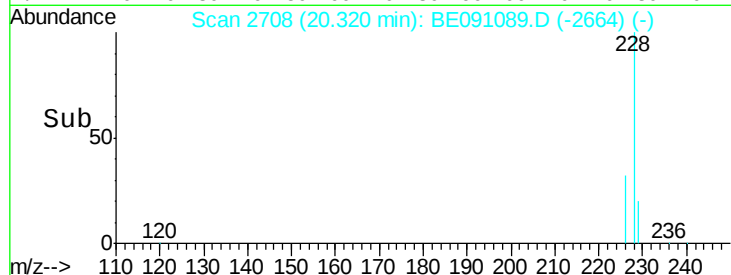
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.7	38.5
229	20.7	15.2	22.8

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#23

Benzo(b)fluoranthene

Concen: 1.69 ng/ul

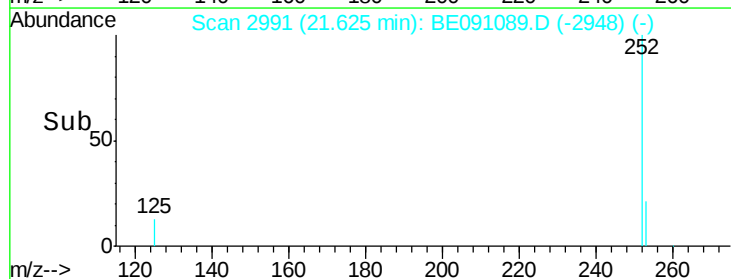
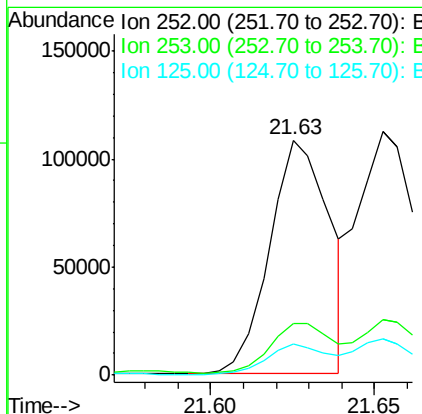
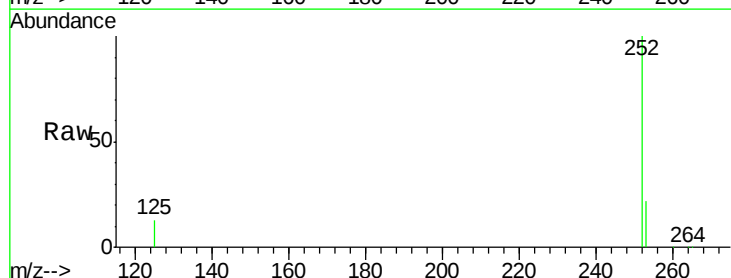
RT: 21.63 min Scan# 2991

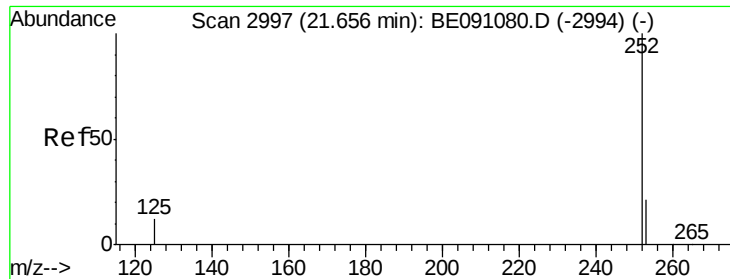
Delta R.T. -0.00 min

Lab File: BE091089.D

Acq: 6 Nov 2015 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	48.0
125	13.1	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 1.74 ng/ul

RT: 21.65 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BE091089.D

Acq: 6 Nov 2015 14:10

Instrument :

BNA_E

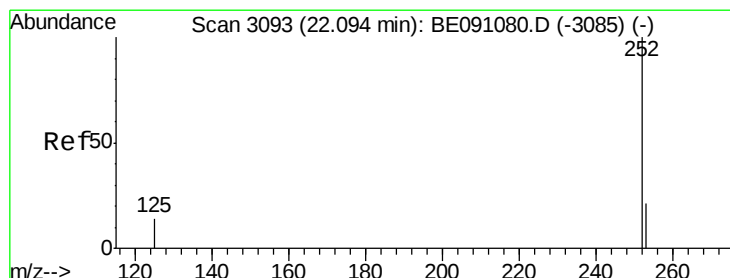
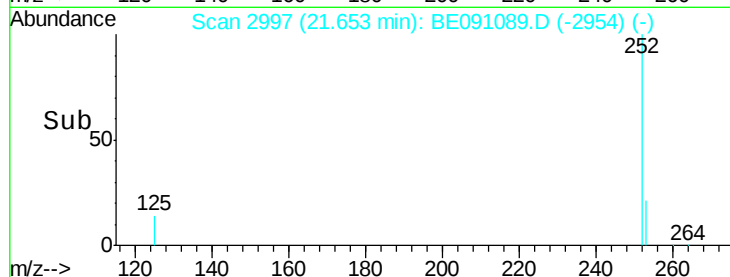
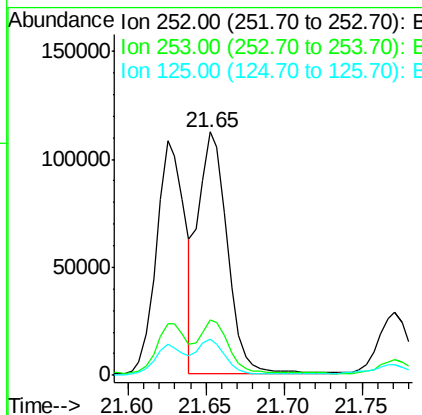
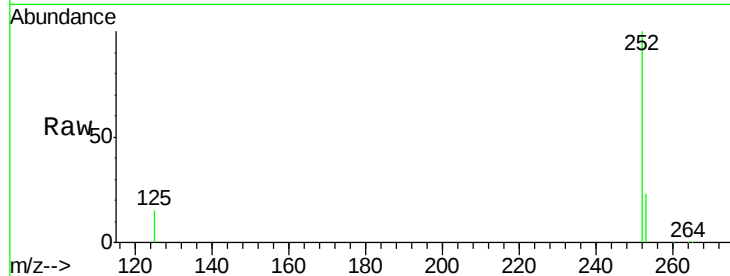
ClientSampleId :

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Tgt Ion:	252	Resp:	145689
Ion Ratio	Lower	Upper	
252	100		
253	22.7	20.8	31.2
125	14.8	12.2	18.4



#25

Benzo(a)pyrene

Concen: 2.00 ng/ul m

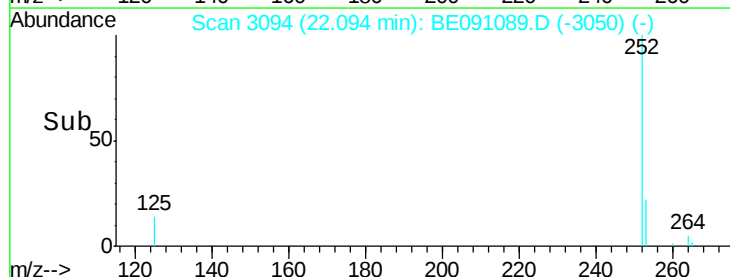
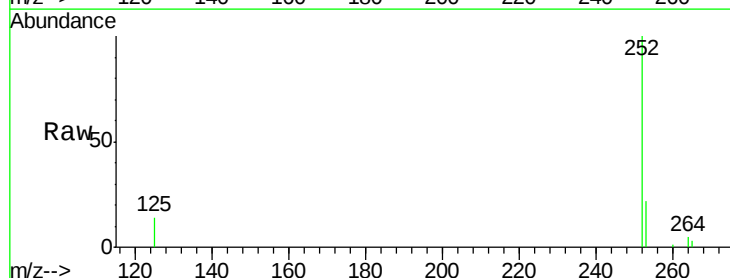
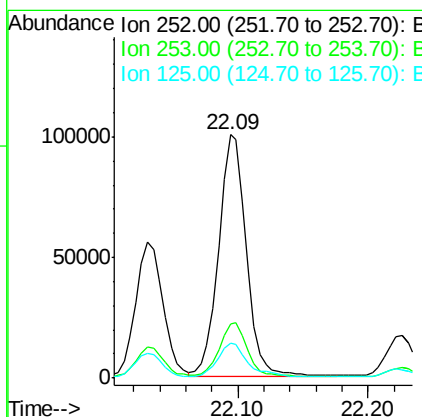
RT: 22.09 min Scan# 3094

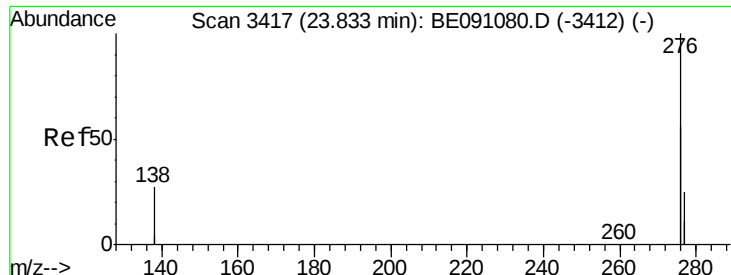
Delta R.T. 0.00 min

Lab File: BE091089.D

Acq: 6 Nov 2015 14:10

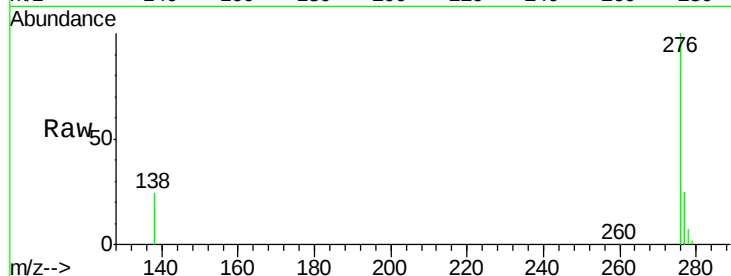
Tgt Ion:	252	Resp:	149652
Ion Ratio	Lower	Upper	
252	100		
253	22.4	21.8	32.8
125	14.5	14.5	21.7#





#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.91 ng/ul m
 RT: 23.84 min Scan# 3419
 Delta R.T. 0.01 min
 Lab File: BE091089.D
 Acq: 6 Nov 2015 14:10

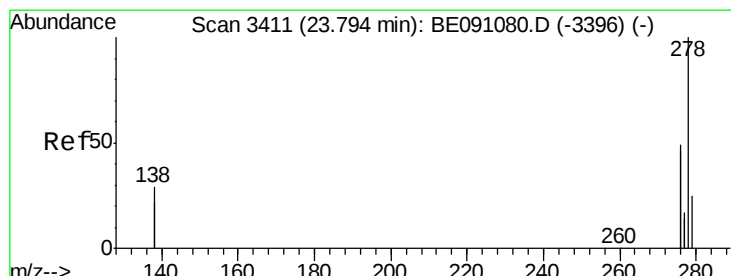
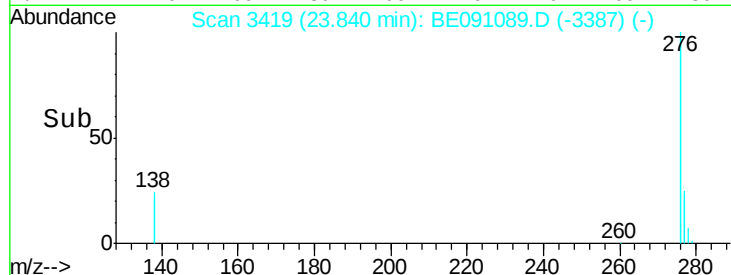
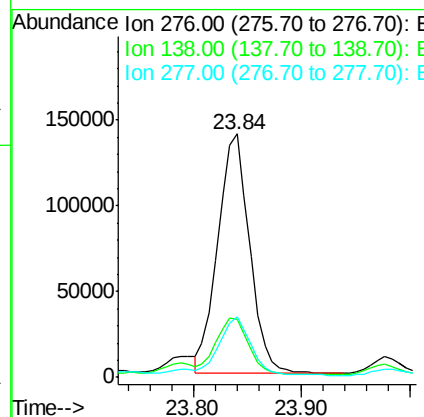
Instrument :
 BNA_E
 ClientSampleId :
 C0AP5DL



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	287712		
138	24.0	27.5	41.3#	
277	26.0	19.3	28.9	

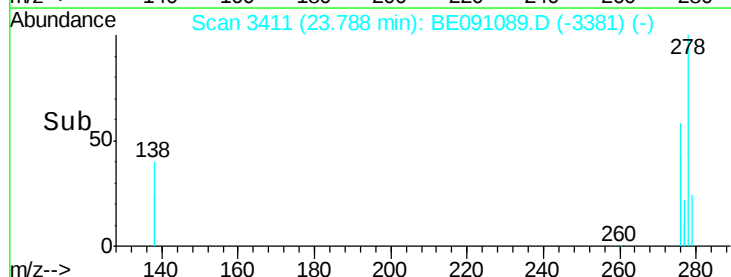
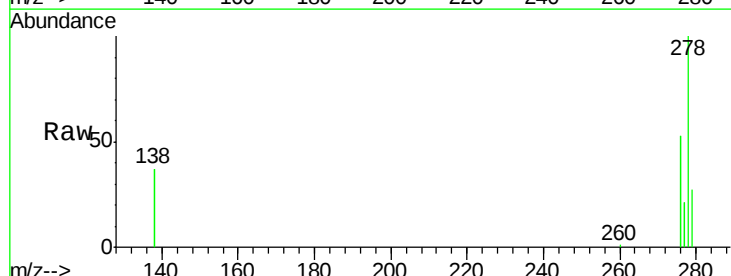
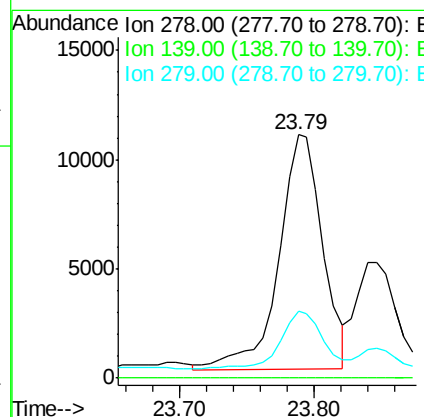
Manual Integrations
 APPROVED

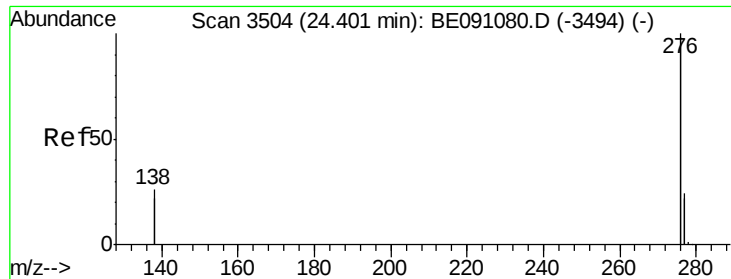
Mmdadoda
 11/9/2015 6:48:20 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.32 ng/ul
 RT: 23.79 min Scan# 3411
 Delta R.T. -0.01 min
 Lab File: BE091089.D
 Acq: 6 Nov 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	24444		
139	0.0	21.7	32.5#	
279	27.3	21.9	32.9	





#28

Benzo(g,h,i)perylene

Concen: 0.68 ng/ul

RT: 24.40 min Scan# 3505

Delta R.T. 0.00 min

Lab File: BE091089.D

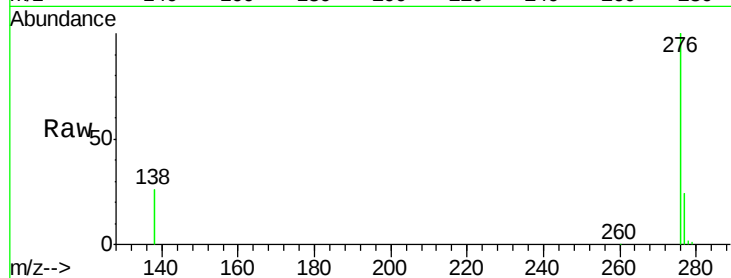
Acq: 6 Nov 2015 14:10

Instrument :

BNA_E

ClientSampleId :

C0AP5DL



Tgt	Ion	276	Resp	225255
Ion	Ratio	Lower	Upper	
276	100			
277	24.3	21.3	31.9	
138	26.2	25.5	38.3	

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 6:48:20 PM

