

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111815\
 Data File : BE091233.D
 Acq On : 18 Nov 2015 18:22
 Operator : UM/NP
 Sample : G4273-11DL2 25X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP7DL2

Manual Integrations
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 11/19/2015 6:46:44 PM

Quant Time: Nov 19 06:19:36 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 : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	2509	0.40	ng/ul	0.00
4) Naphthalene-d8	9.59	136	12404	0.40	ng/ul	0.02
8) Acenaphthene-d10	13.38	164	6180	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	21460	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	33612	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	29718	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	0.00	152	0d	0.00	ng/ul	
16) Fluoranthene-d10	18.08	212	300	0.00	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) 2-Methylnaphthalene	11.18	142	788	0.04	ng/ul	94
10) Acenaphthene	13.44	153	3476	0.16	ng/ul#	83
11) Fluorene	14.42	166	4487	0.17	ng/ul	94
14) Phenanthrene	16.12	178	105133	0.42	ng/ul	98
15) Anthracene	16.21	178	39626	0.18	ng/ul	98
17) Fluoranthene	18.10	202	73315	0.25	ng/ul	88
19) Pyrene	18.48	202	60359	0.16	ng/ul#	79
20) Benzo(a)anthracene	20.20	228	4341	0.05	ng/ul	97
21) Chrysene	20.26	228	6114	0.06	ng/ul	97
23) Benzo(b)fluoranthene	21.56	252	3013	0.03	ng/ul	96
24) Benzo(k)fluoranthene	21.58	252	3435m	0.04	ng/ul	
25) Benzo(a)pyrene	22.01	252	3939	0.05	ng/ul	99

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

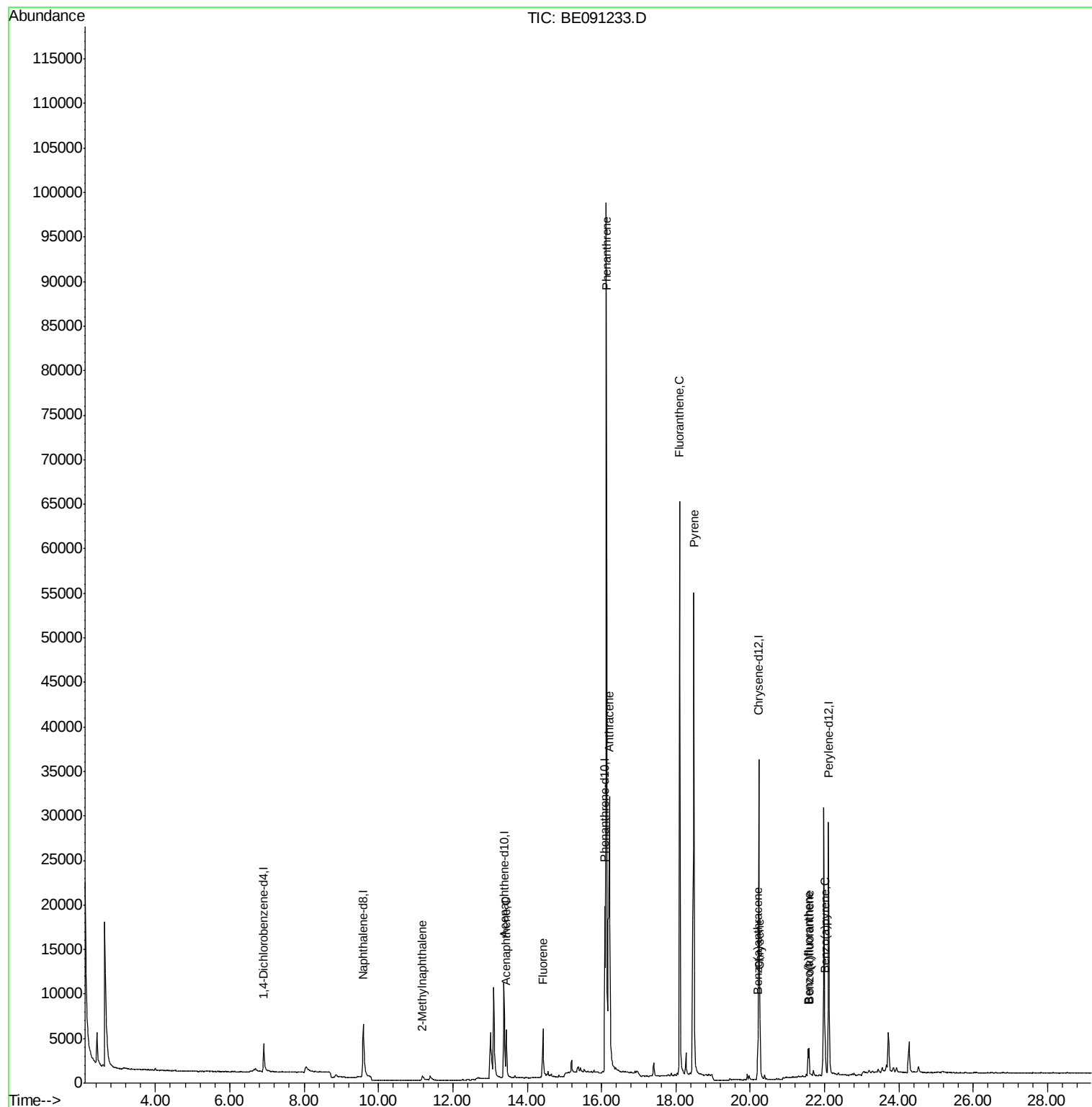
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111815\
Data File : BE091233.D
Acq On : 18 Nov 2015 18:22
Operator : UM/NP
Sample : G4273-11DL2 25X
Misc :
ALS Vial : 39 Sample Multiplier: 1

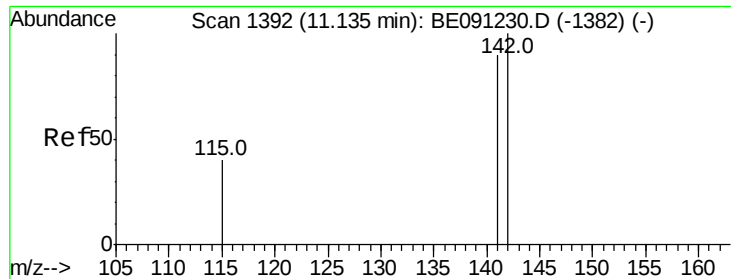
Instrument :
BNA_E
ClientSampleId :
C0AP7DL2

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Quant Time: Nov 19 06:19:36 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 : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration





#7

2-Methylnaphthalene

Concen: 0.04 ng/ul

RT: 11.18 min Scan# 1403

Delta R.T. 0.05 min

Lab File: BE091233.D

Acq: 18 Nov 2015 18:22

Instrument :

BNA_E

ClientSampleId :

C0AP7DL2

Tot Ion:142 Resp: 788

Ion Ratio Lower Upper

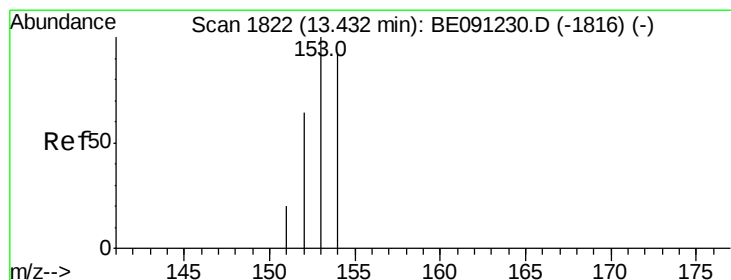
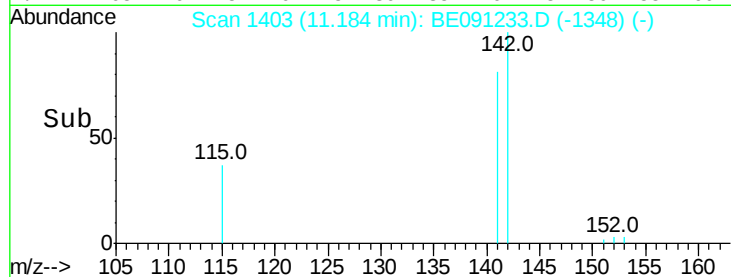
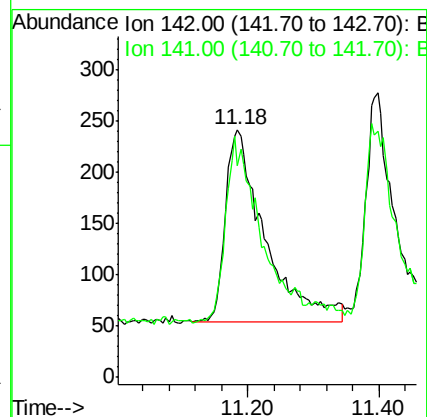
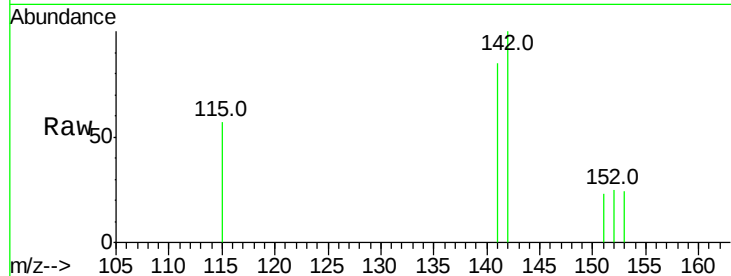
142 100

141 93.7 70.3 105.5

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#10

Acenaphthene

Concen: 0.16 ng/ul

RT: 13.44 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BE091233.D

Acq: 18 Nov 2015 18:22

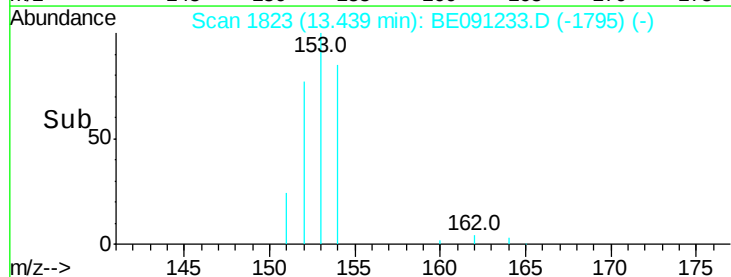
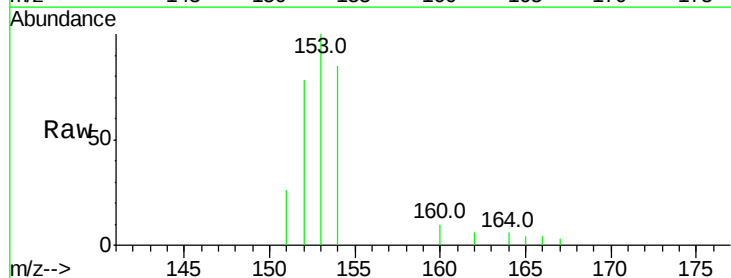
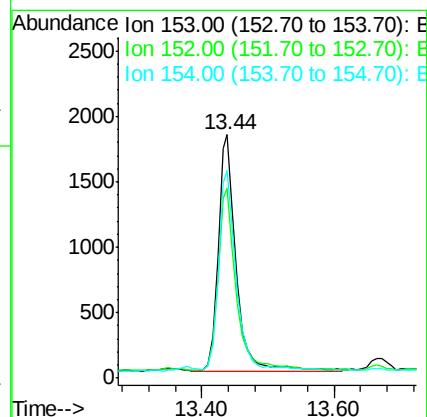
Tgt Ion:153 Resp: 3476

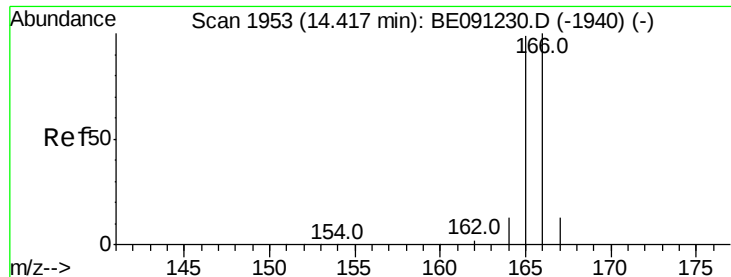
Ion Ratio Lower Upper

153 100

152 77.8 42.3 63.5#

154 85.4 64.7 97.1





#11

Fluorene

Concen: 0.17 ng/ul

RT: 14.42 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BE091233.D

Acq: 18 Nov 2015 18:22

Instrument :

BNA_E

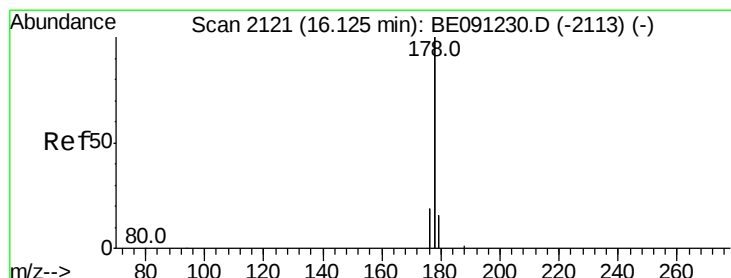
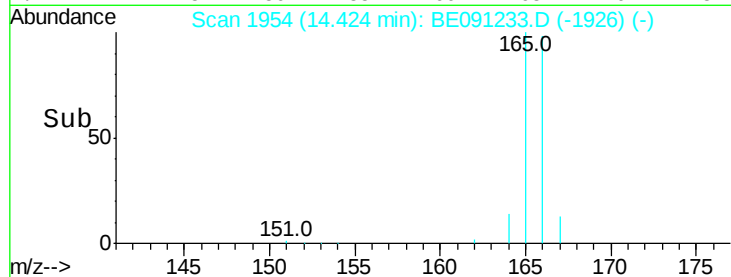
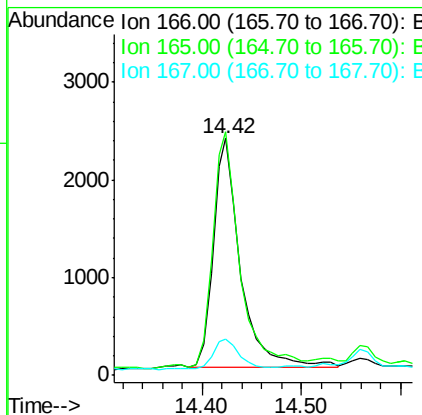
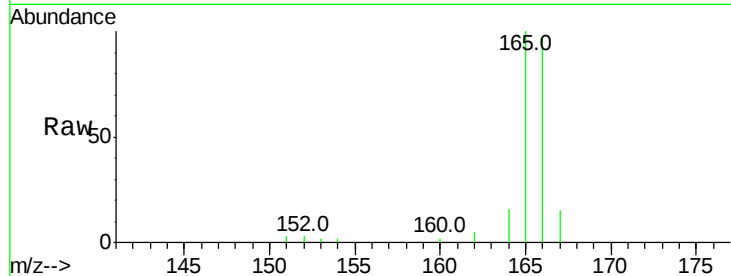
ClientSampleId :

C0AP7DL2

Tot Ion:	166	Resp:	4487
Ion	Ratio	Lower	Upper
166	100		
165	102.7	87.6	131.4
167	15.2	11.1	16.7

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#14

Phenanthrene

Concen: 0.42 ng/ul

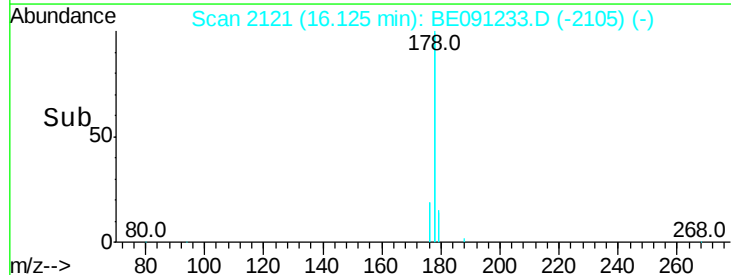
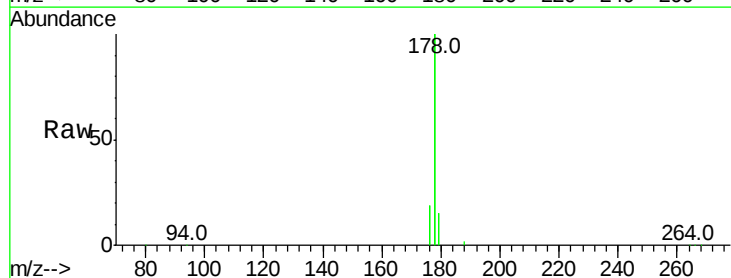
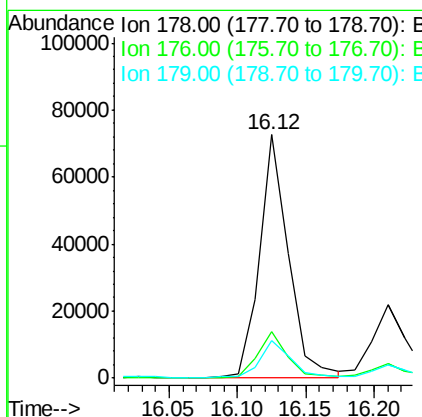
RT: 16.12 min Scan# 2121

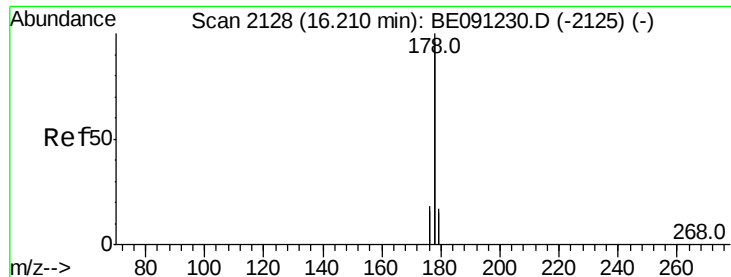
Delta R.T. -0.00 min

Lab File: BE091233.D

Acq: 18 Nov 2015 18:22

Tgt Ion:	178	Resp:	105133
Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.2	12.8	19.2





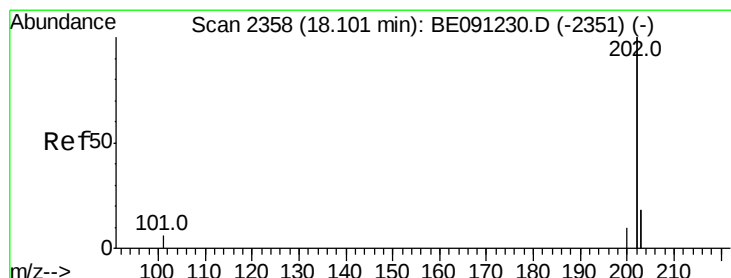
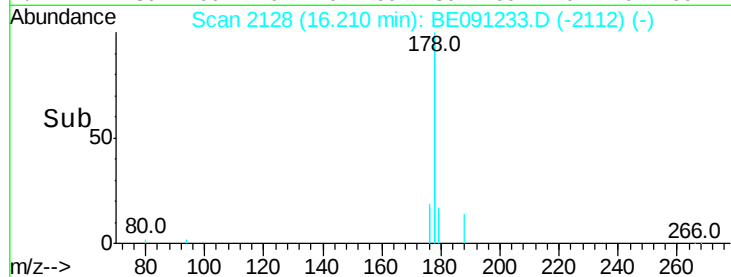
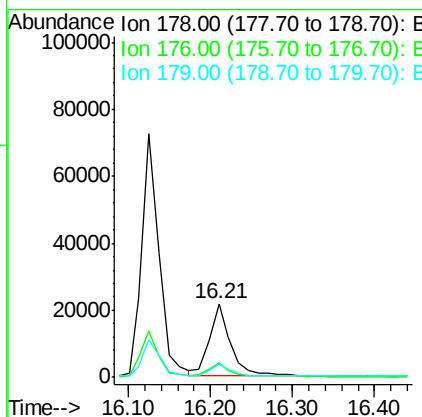
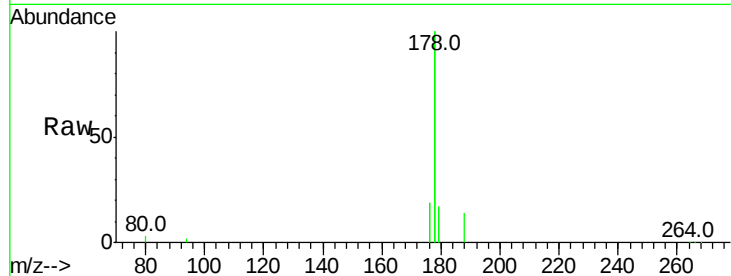
#15
 Anthracene
 Concen: 0.18 ng/ul
 RT: 16.21 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE091233.D
 Acq: 18 Nov 2015 18:22

Instrument :
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 ClientSampleId :
 C0AP7DL2

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	17.2	13.3	19.9

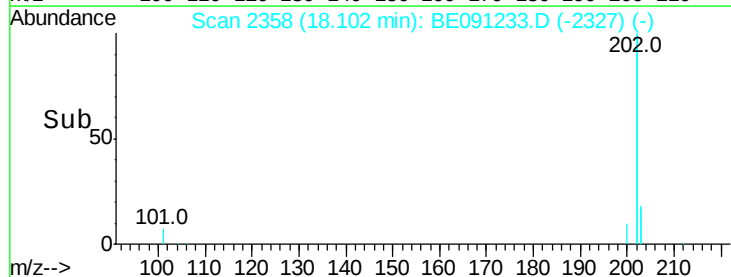
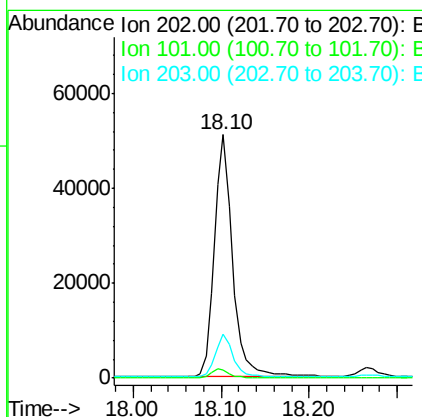
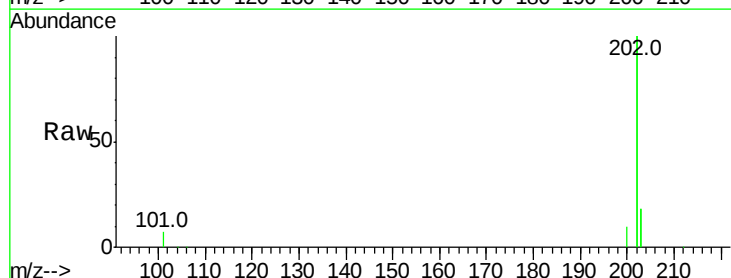
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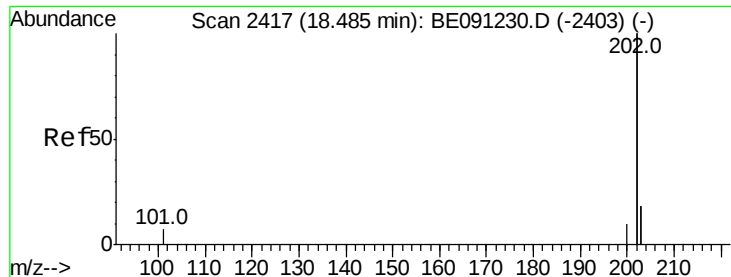
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#17
 Fluoranthene
 Concen: 0.25 ng/ul
 RT: 18.10 min Scan# 2358
 Delta R.T. 0.00 min
 Lab File: BE091233.D
 Acq: 18 Nov 2015 18:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.4	0.0	33.1
203	18.2	0.0	37.2





#19

Pvrene

Concen: 0.16 ng/ul

RT: 18.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BE091233.D

Acq: 18 Nov 2015 18:22

Instrument :

BNA_E

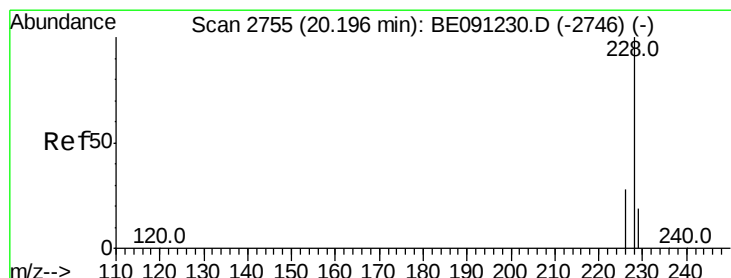
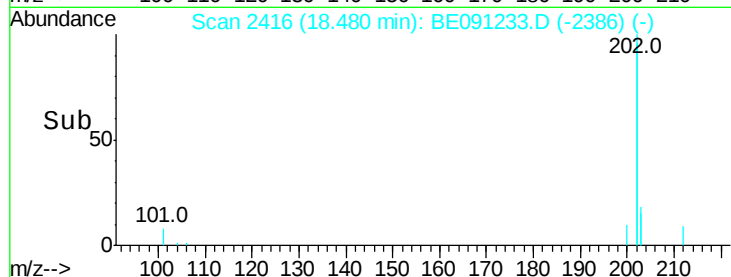
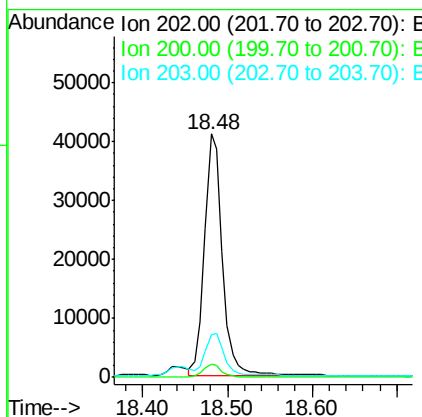
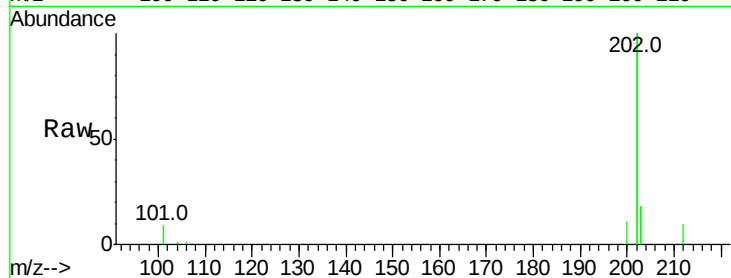
ClientSampleId :

C0AP7DL2

Tot Ion:	202	Resp:	60359
Ion Ratio	Lower	Upper	
202	100		
200	5.4	18.0	27.0#
203	17.6	13.8	20.6

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#20

Benzo(a)anthracene

Concen: 0.05 ng/ul

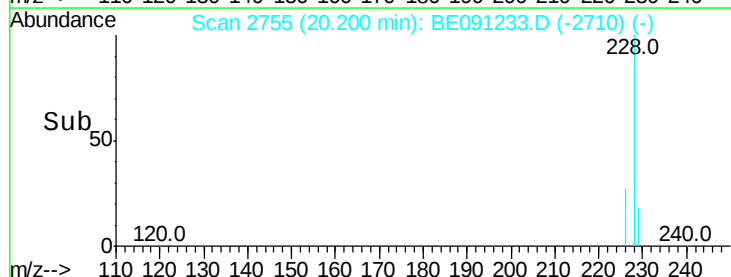
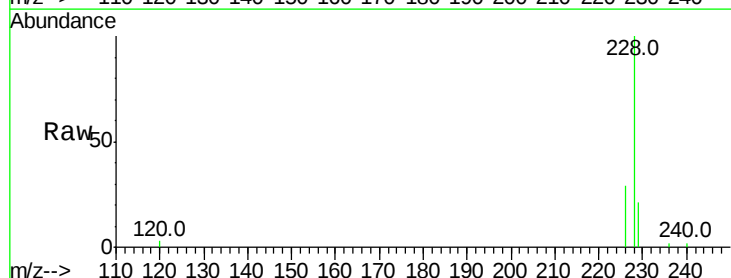
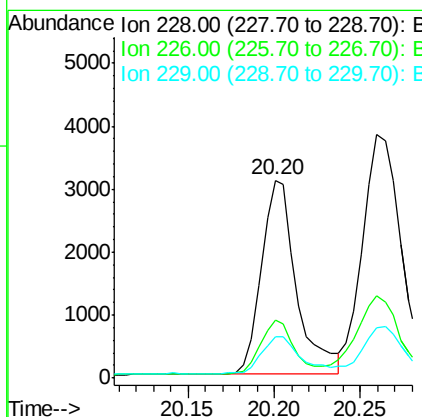
RT: 20.20 min Scan# 2755

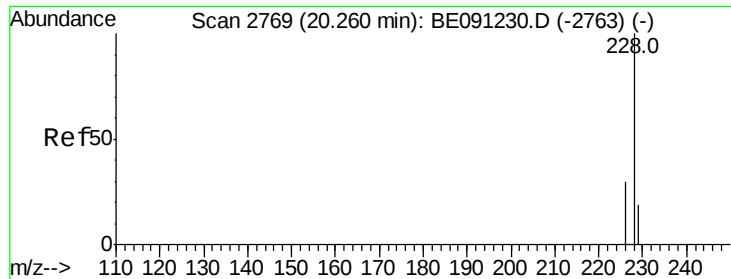
Delta R.T. 0.00 min

Lab File: BE091233.D

Acq: 18 Nov 2015 18:22

Tgt Ion:	228	Resp:	4341
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.0	34.4
229	21.1	15.2	22.8





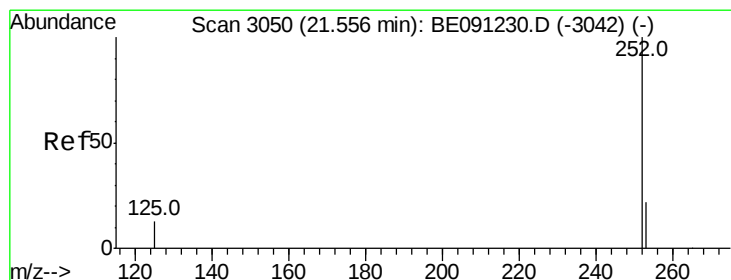
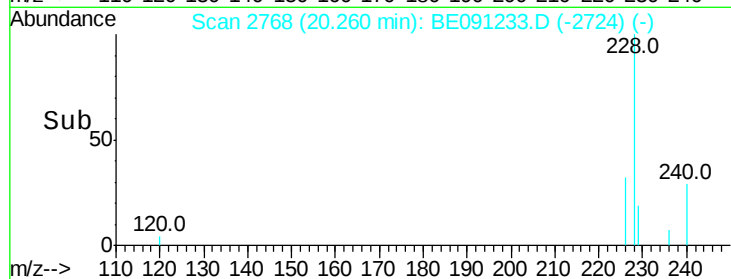
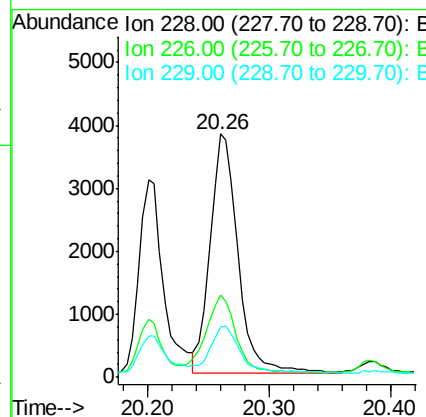
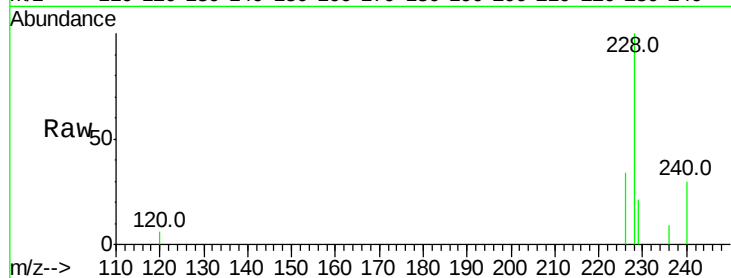
#21
Chrysene
Concen: 0.06 ng/ul
RT: 20.26 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BE091233.D
Acq: 18 Nov 2015 18:22

Instrument :
BNA_E
ClientSampleId :
C0AP7DL2

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.7	38.5
229	20.9	15.2	22.8

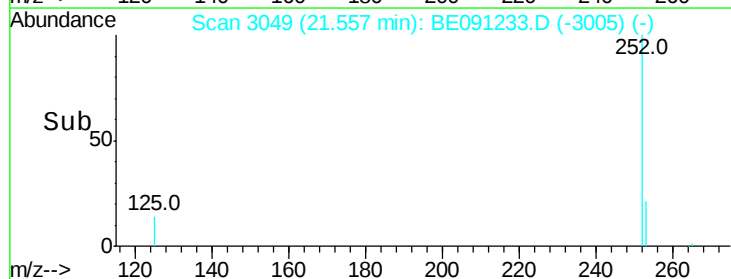
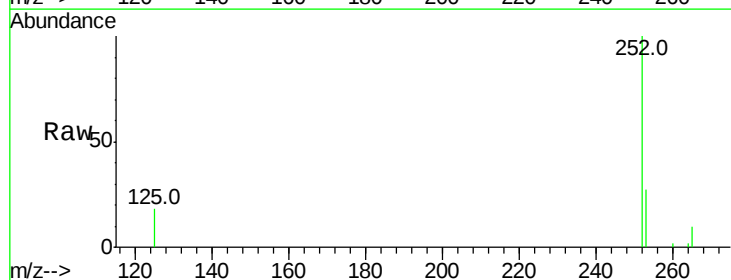
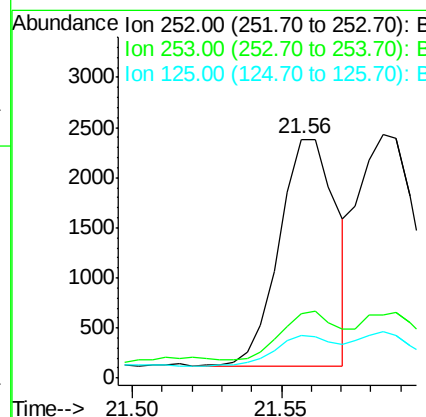
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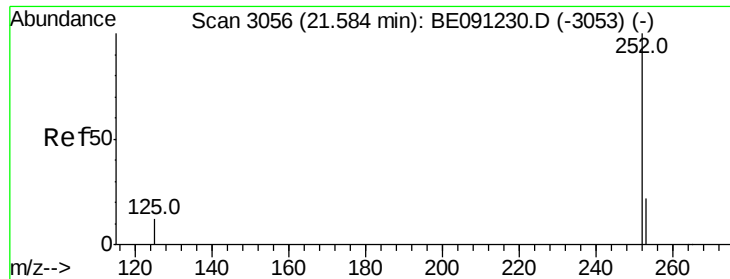
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#23
Benzo(b)fluoranthene
Concen: 0.03 ng/ul
RT: 21.56 min Scan# 3049
Delta R.T. 0.00 min
Lab File: BE091233.D
Acq: 18 Nov 2015 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	48.0
125	18.0	0.0	36.6





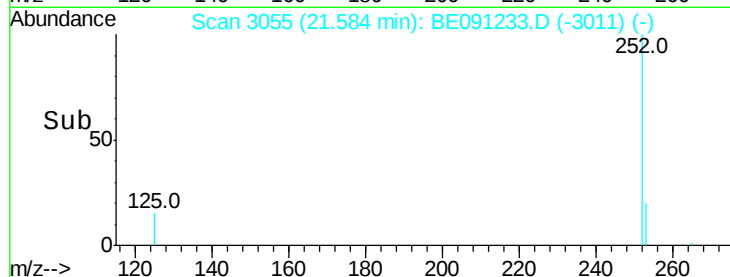
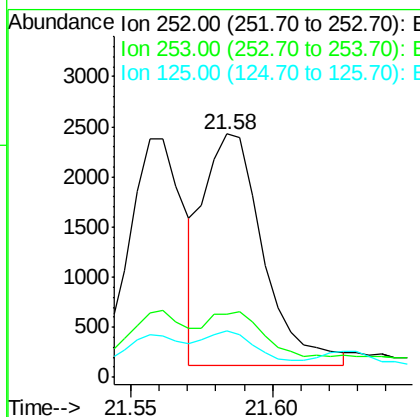
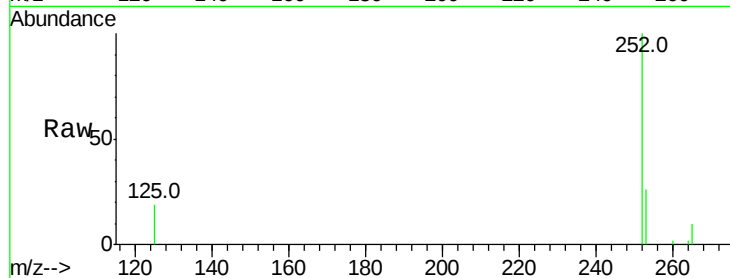
#24
Benzo(k)fluoranthene
Concen: 0.04 ng/ul m
RT: 21.58 min Scan# 3055
Delta R.T. 0.00 min
Lab File: BE091233.D
Acq: 18 Nov 2015 18:22

Instrument :
BNA_E
ClientSampleId :
C0AP7DL2

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.8	31.2
125	19.0	12.2	18.4#

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#25
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 22.01 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BE091233.D
Acq: 18 Nov 2015 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.8	32.8
125	17.9	14.5	21.7

