

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112415\
 Data File : BE091320.D
 Acq On : 24 Nov 2015 11:52
 Operator : UM/NP
 Sample : G4345-22DL2 50X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J67DL2

Manual Integrations
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 11/24/2015 1:36:24 PM

Quant Time: Nov 24 12:32:42 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 : Tue Nov 24 02:51:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	1602	0.40	ng/ul	0.00
4) Naphthalene-d8	9.58	136	7774	0.40	ng/ul	0.02
8) Acenaphthene-d10	13.37	164	3881	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	11124	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	11840	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	10577	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	10.93	152	5	0.00	ng/ul	-0.14
16) Fluoranthene-d10	18.07	212	123	0.00	ng/ul	0.00

Target Compounds				Ovalue		
11) Fluorene	14.42	166	572	0.03	ng/ul#	90
14) Phenanthrene	16.12	178	44564	0.35	ng/ul	99
15) Anthracene	16.21	178	10143m	0.09	ng/ul	
17) Fluoranthene	18.09	202	52511	0.35	ng/ul	90
19) Pyrene	18.48	202	43141	0.32	ng/ul#	79
20) Benzo(a)anthracene	20.20	228	4184	0.14	ng/ul	96
21) Chrysene	20.26	228	6299	0.18	ng/ul	96
23) Benzo(b)fluoranthene	21.55	252	4087	0.12	ng/ul	96
24) Benzo(k)fluoranthene	21.58	252	4536	0.13	ng/ul	97
25) Benzo(a)pyrene	22.01	252	4545	0.15	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	23.71	276	9714	0.08	ng/ul#	90
28) Benzo(g,h,i)perylene	24.26	276	10212	0.08	ng/ul	96

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

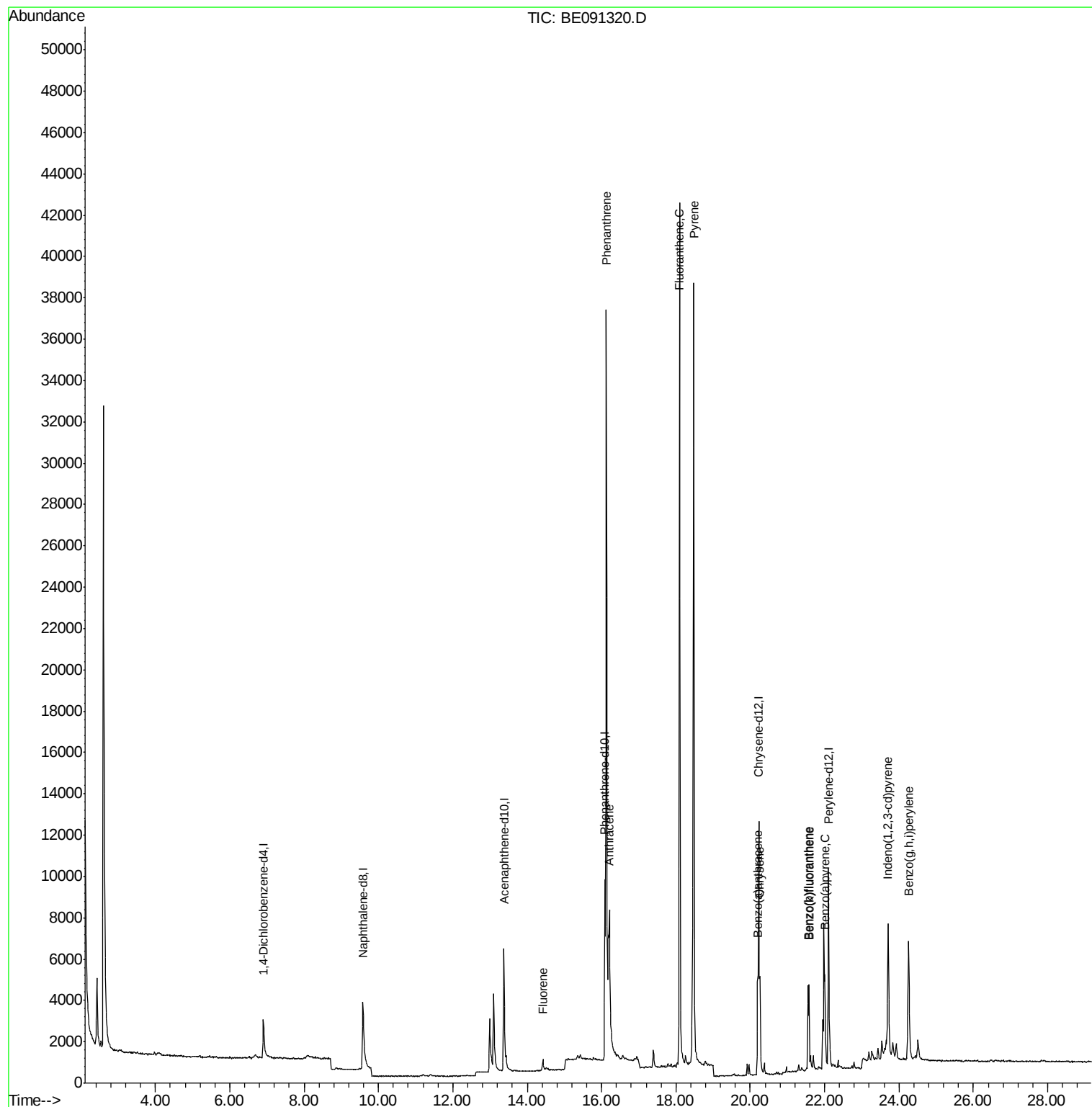
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112415\
Data File : BE091320.D
Acq On : 24 Nov 2015 11:52
Operator : UM/NP
Sample : G4345-22DL2 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

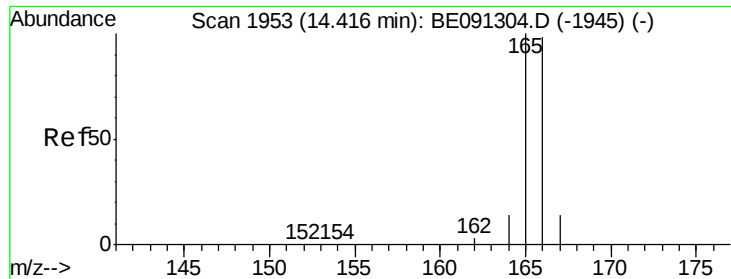
Instrument :
BNA_E
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 02:51:08 2015
Response via : Initial Calibration





#11

Fluorene

Concen: 0.03 ng/ul

RT: 14.42 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BE091320.D

Acq: 24 Nov 2015 11:52

Instrument :

BNA_E

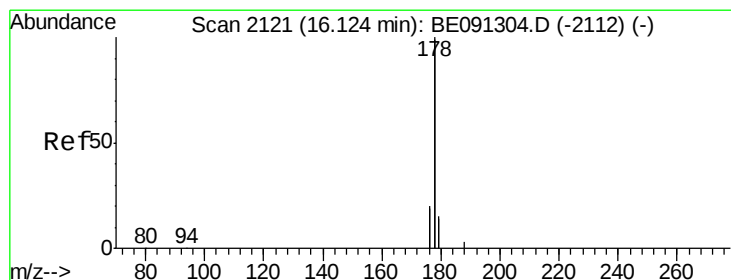
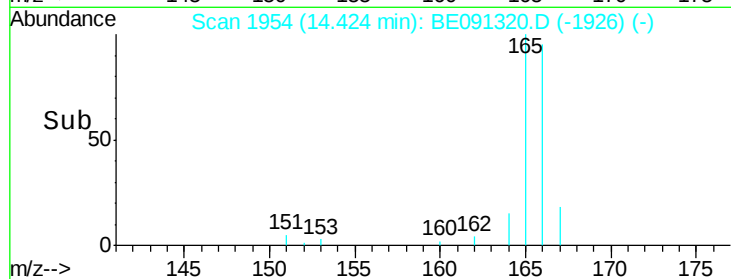
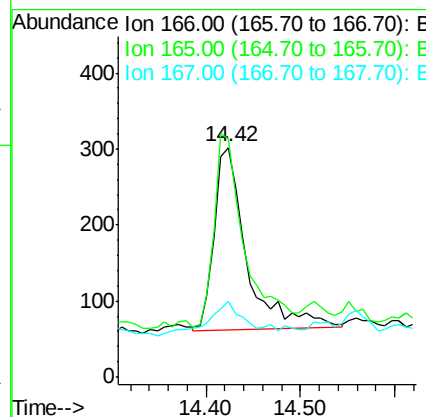
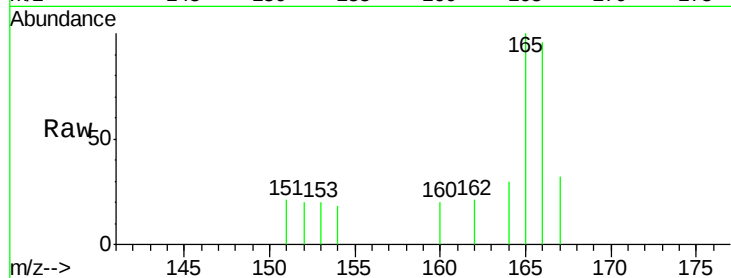
ClientSampleId :

A4J67DL2

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.6	87.6	131.4
167	33.1	11.1	16.7

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#14

Phenanthrene

Concen: 0.35 ng/ul

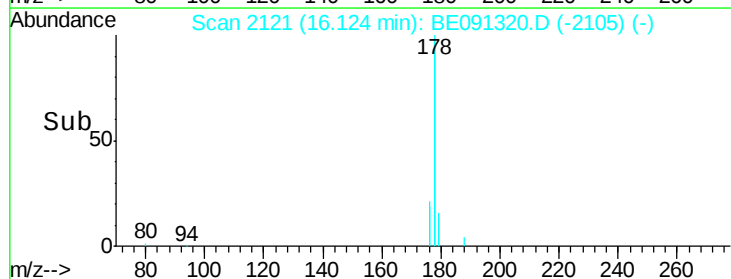
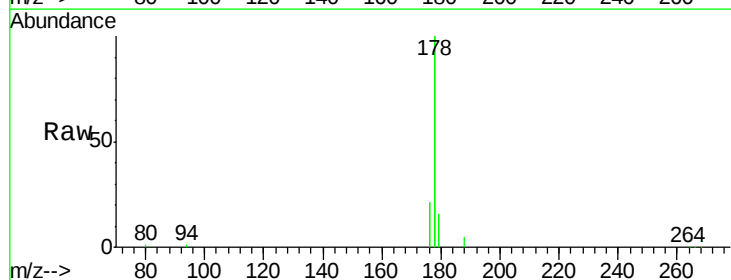
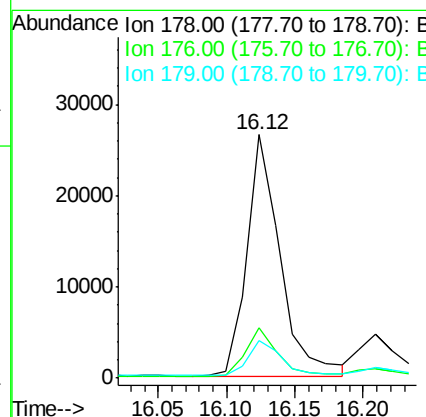
RT: 16.12 min Scan# 2121

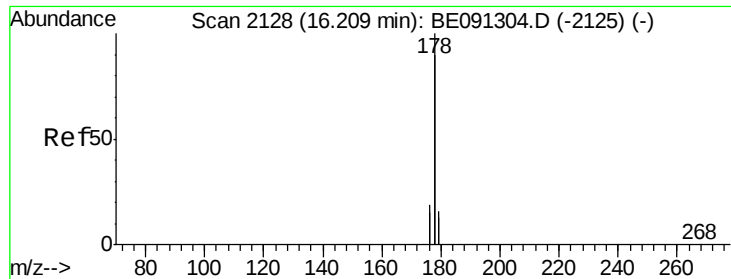
Delta R.T. -0.00 min

Lab File: BE091320.D

Acq: 24 Nov 2015 11:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	15.6	12.8	19.2





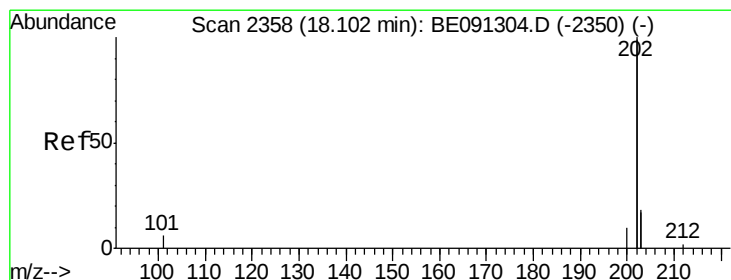
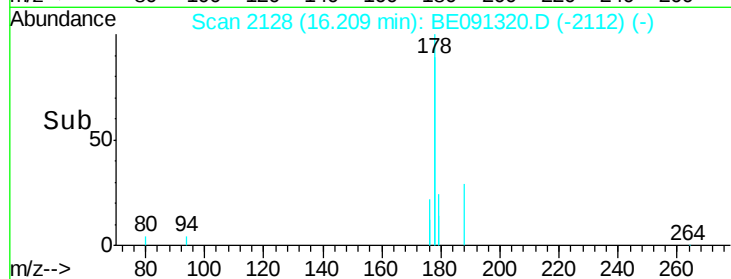
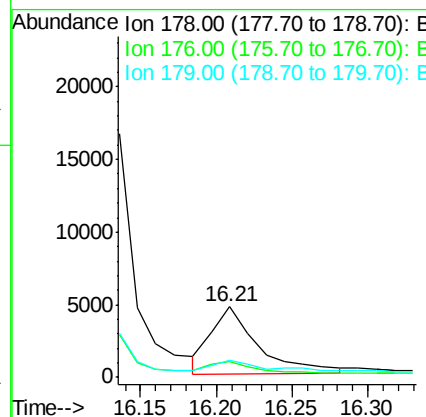
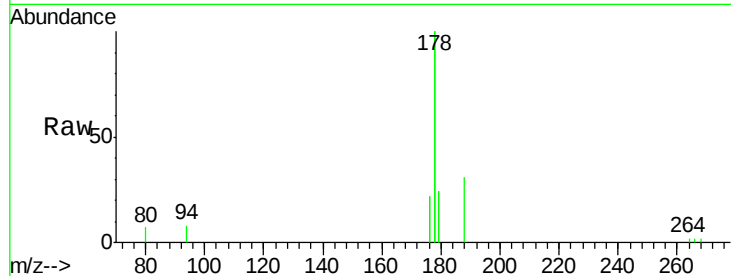
#15
 Anthracene
 Concen: 0.09 ng/ul m
 RT: 16.21 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE091320.D
 Acq: 24 Nov 2015 11:52

Instrument :
 BNA_E
 ClientSampleId :
 A4J67DL2

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.8	23.8
179	24.4	13.3	19.9

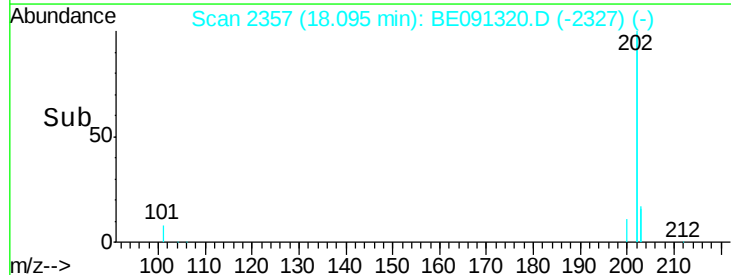
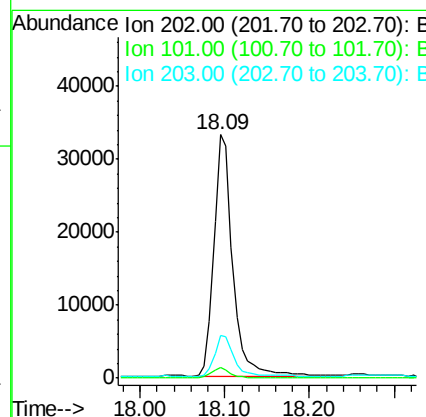
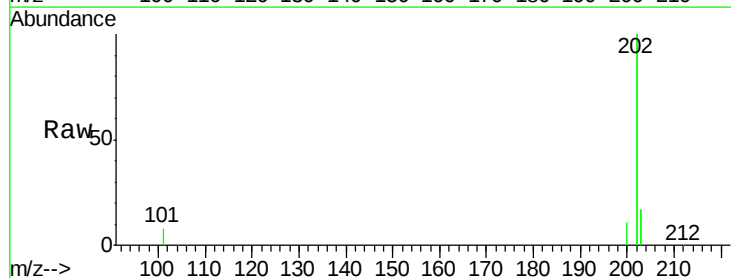
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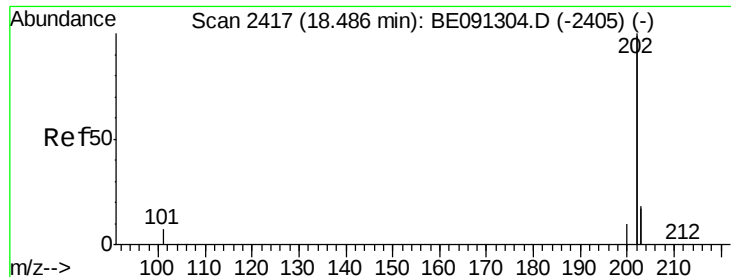
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#17
 Fluoranthene
 Concen: 0.35 ng/ul
 RT: 18.09 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BE091320.D
 Acq: 24 Nov 2015 11:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.1	0.0	33.1
203	17.4	0.0	37.2





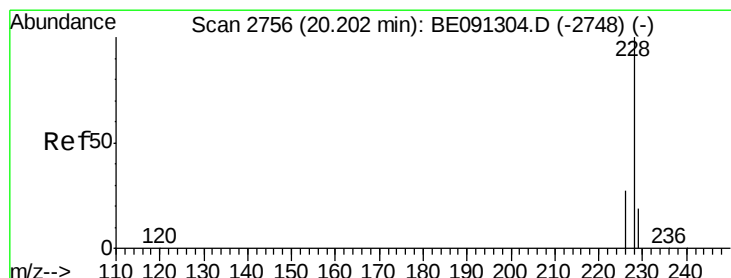
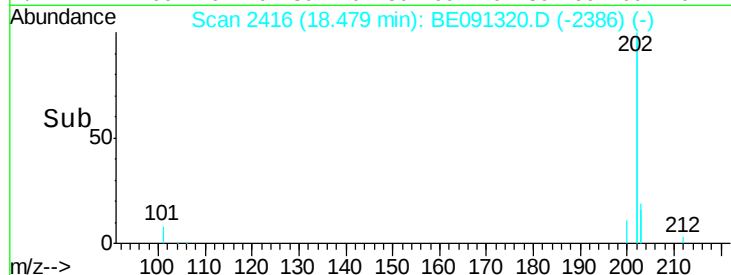
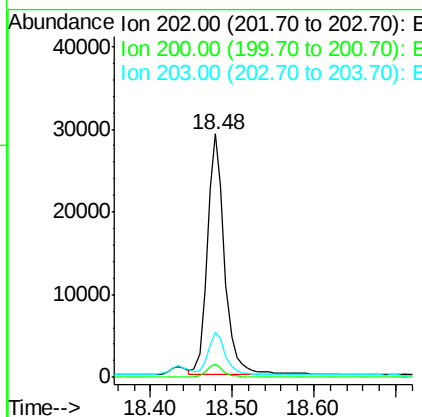
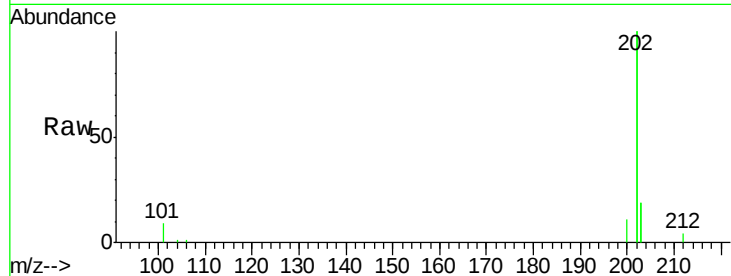
#19
Pvrene
Concen: 0.32 ng/ul
RT: 18.48 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BE091320.D
Acq: 24 Nov 2015 11:52

Instrument :
BNA_E
ClientSampleId :
A4J67DL2

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.6	18.0	27.0#
203	18.8	13.8	20.6

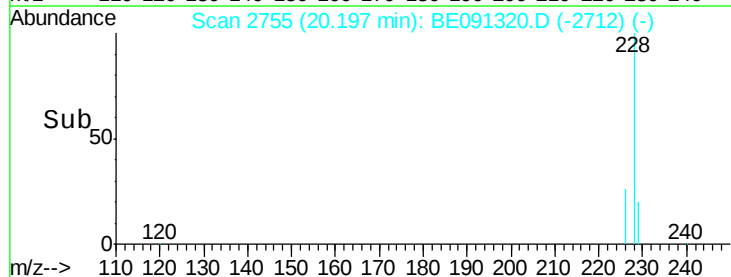
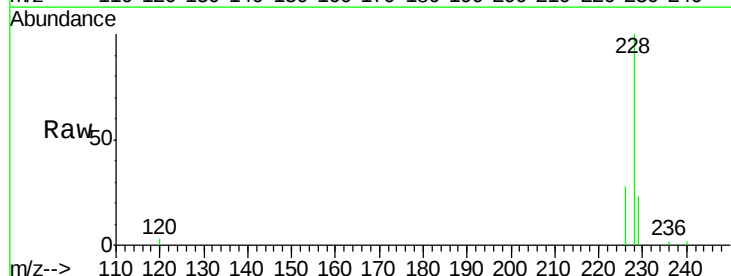
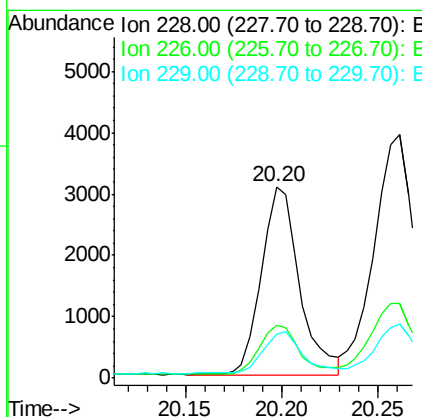
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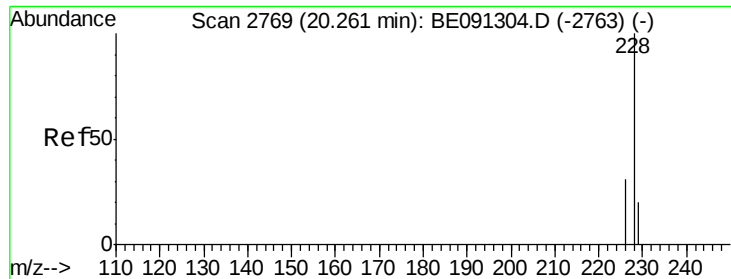
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#20
Benzo(a)anthracene
Concen: 0.14 ng/ul
RT: 20.20 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BE091320.D
Acq: 24 Nov 2015 11:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.4
229	22.8	15.2	22.8





#21

Chrysene

Concen: 0.18 ng/ul

RT: 20.26 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BE091320.D

Acq: 24 Nov 2015 11:52

Instrument :

BNA_E

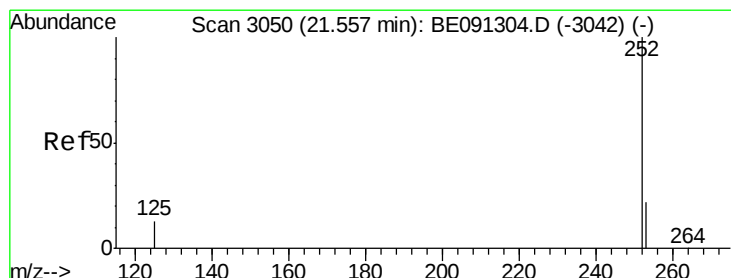
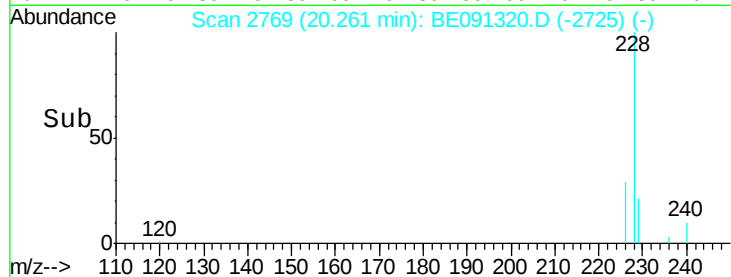
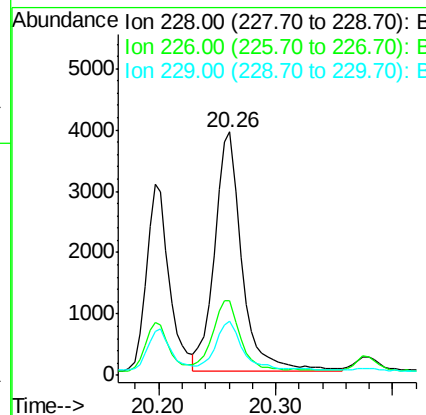
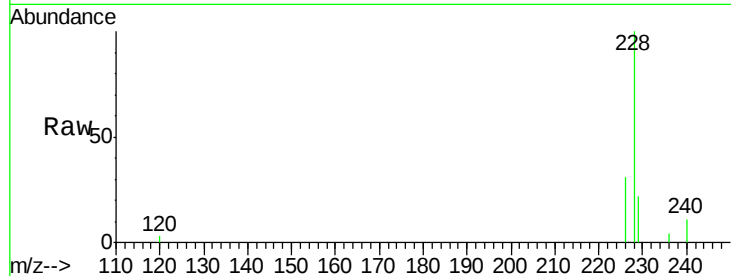
ClientSampleId :

A4J67DL2

Tot Ion:	228	Resp:	6299
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	22.4	15.2	22.8

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#23

Benzo(b)fluoranthene

Concen: 0.12 ng/ul

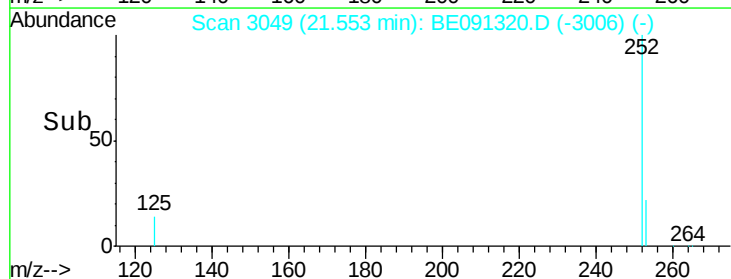
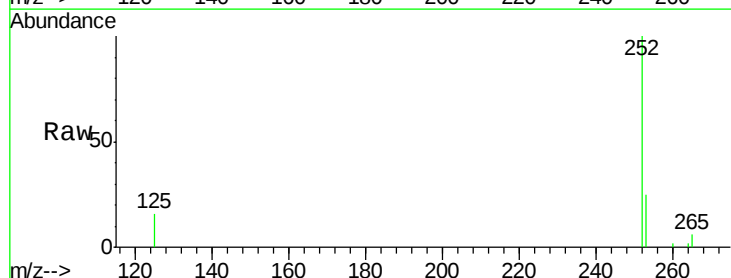
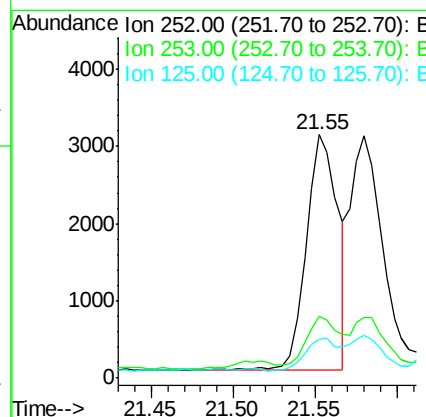
RT: 21.55 min Scan# 3049

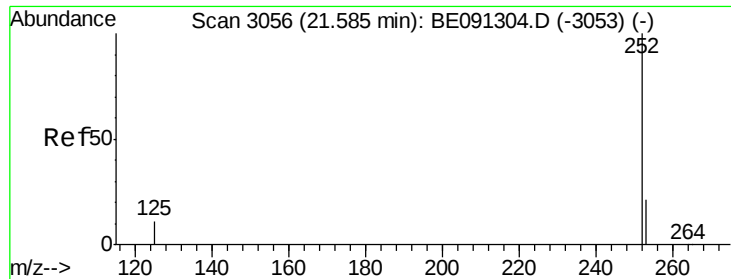
Delta R.T. -0.00 min

Lab File: BE091320.D

Acq: 24 Nov 2015 11:52

Tgt Ion:	252	Resp:	4087
Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	48.0
125	16.1	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 0.13 ng/ul

RT: 21.58 min Scan# 3055

Delta R.T. -0.00 min

Lab File: BE091320.D

Acq: 24 Nov 2015 11:52

Instrument :

BNA_E

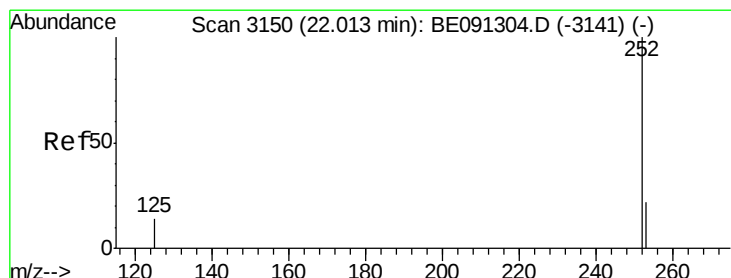
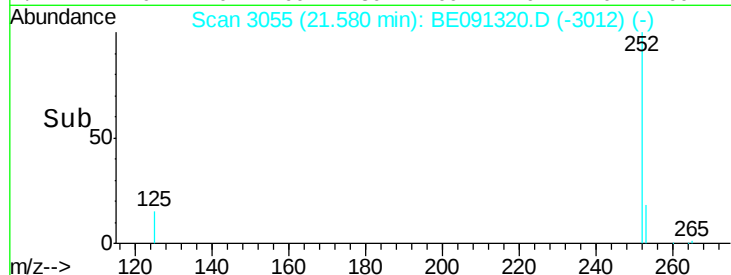
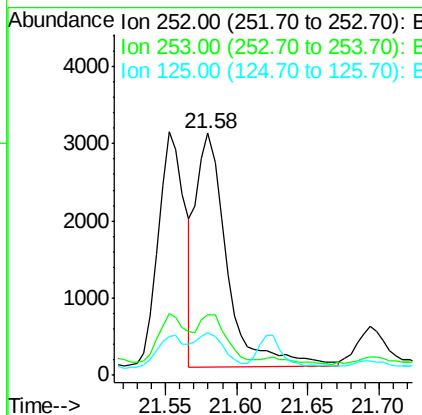
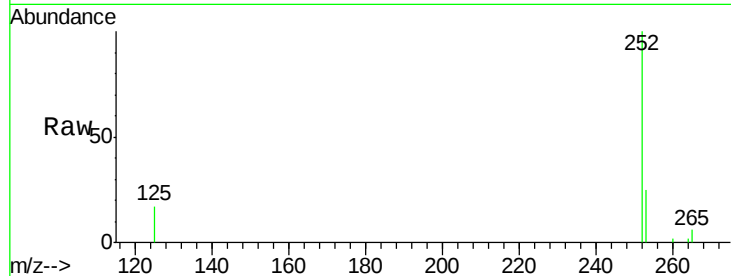
ClientSampleId :

A4J67DL2

Tot Ion:	252	Resp:	4536
Ion Ratio	Lower	Upper	
252	100		
253	25.0	20.8	31.2
125	17.4	12.2	18.4

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#25

Benzo(a)pyrene

Concen: 0.15 ng/ul

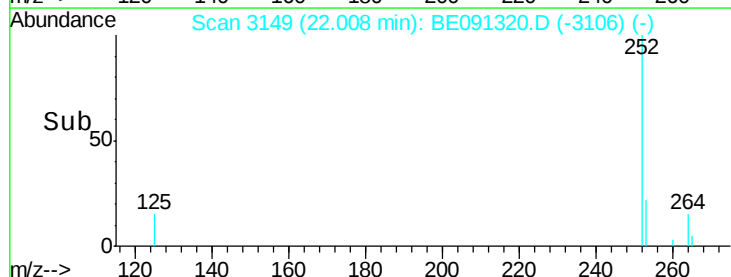
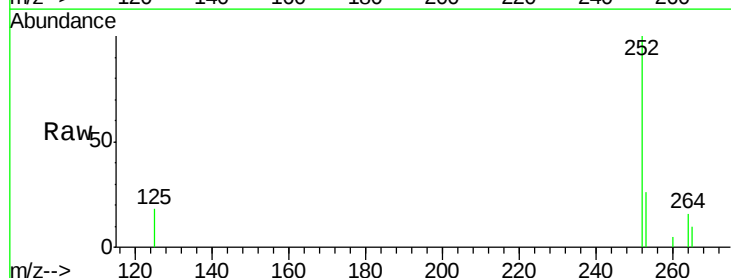
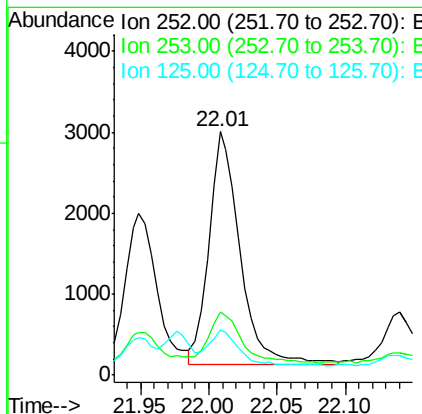
RT: 22.01 min Scan# 3149

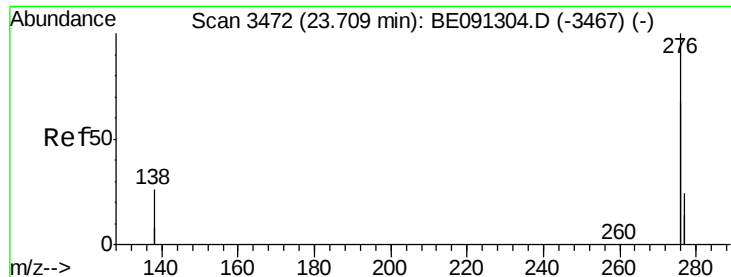
Delta R.T. -0.00 min

Lab File: BE091320.D

Acq: 24 Nov 2015 11:52

Tgt Ion:	252	Resp:	4545
Ion Ratio	Lower	Upper	
252	100		
253	26.1	21.8	32.8
125	18.4	14.5	21.7





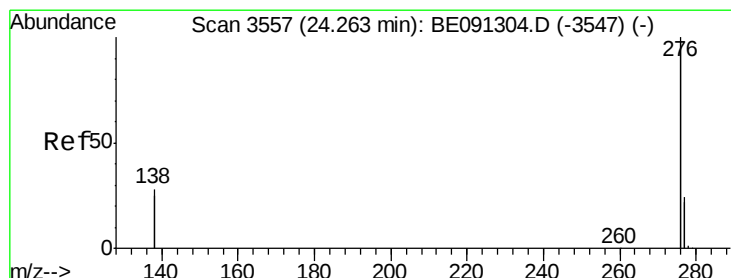
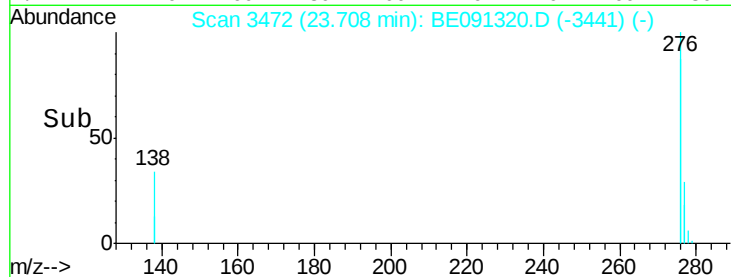
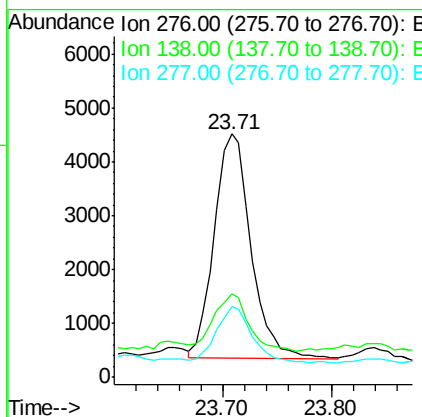
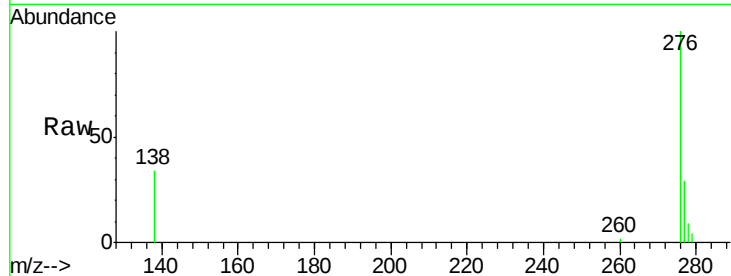
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.08 ng/ul
 RT: 23.71 min Scan# 3472
 Delta R.T. -0.00 min
 Lab File: BE091320.D
 Acq: 24 Nov 2015 11:52

Instrument :
 BNA_E
 ClientSampleId :
 A4J67DL2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	27.5	41.3#
277	24.3	19.3	28.9

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#28
 Benzo(g,h,i)perylene
 Concen: 0.08 ng/ul
 RT: 24.26 min Scan# 3556
 Delta R.T. -0.01 min
 Lab File: BE091320.D
 Acq: 24 Nov 2015 11:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	21.3	31.9
138	34.8	25.5	38.3

