

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
 Data File : BE091308.D
 Acq On : 23 Nov 2015 20:13
 Operator : UM/NP
 Sample : G4346-02DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J70DL

Manual Integrations
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 11/24/2015 1:06:58 PM

Quant Time: Nov 24 03:08:48 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	6.87	152	2138	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.56	136	10035	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	5069	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	13571	0.40	ng/ul	0.00
18) Chrysene-d12	20.22	240	16537	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	16722	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.97	96	3737	2.43	ng/uL	0.01
6) 2-Methylnaphthalene-d10	11.07	152	820	0.06	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	2267	0.06	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthylene	13.11	152	5245	0.21	ng/ul	98
14) Phenanthrene	16.11	178	77339	0.49	ng/ul	98
15) Anthracene	16.20	178	20567m	0.14	ng/ul	
17) Fluoranthene	18.09	202	177656	0.97	ng/ul	87
19) Pyrene	18.47	202	221385	1.18	ng/ul#	79
20) Benzo(a)anthracene	20.19	228	19398	0.46	ng/ul	97
21) Chrysene	20.26	228	32978	0.67	ng/ul	98
23) Benzo(b)fluoranthene	21.55	252	21105	0.40	ng/ul	96
24) Benzo(k)fluoranthene	21.58	252	24368	0.45	ng/ul	95
25) Benzo(a)pyrene	22.01	252	24753	0.51	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.70	276	59660	0.29	ng/ul#	90
27) Dibenzo(a,h)anthracene	23.65	278	5616	0.12	ng/ul#	70
28) Benzo(g,h,i)perylene	24.26	276	66507	0.31	ng/ul	98

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

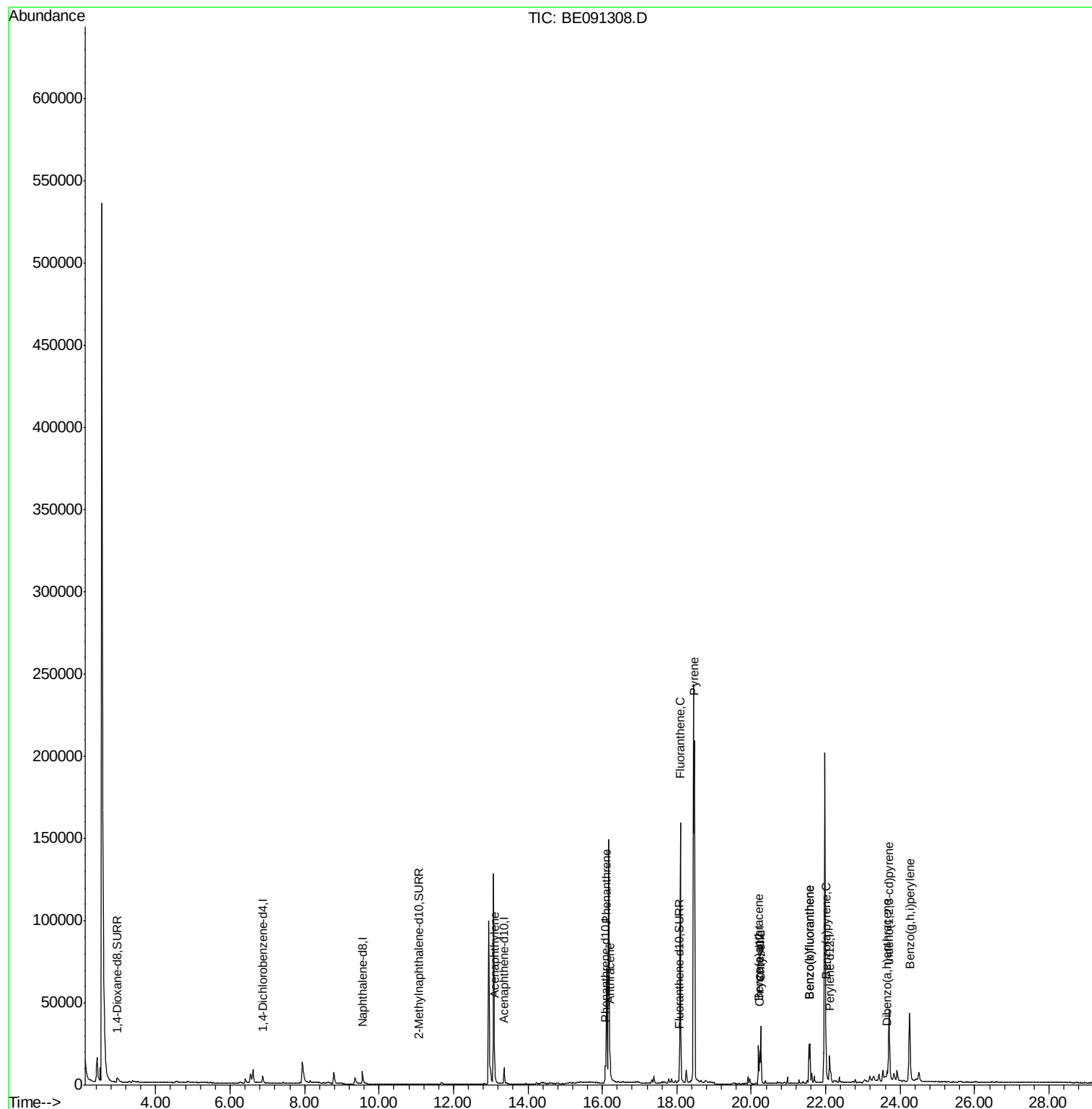
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

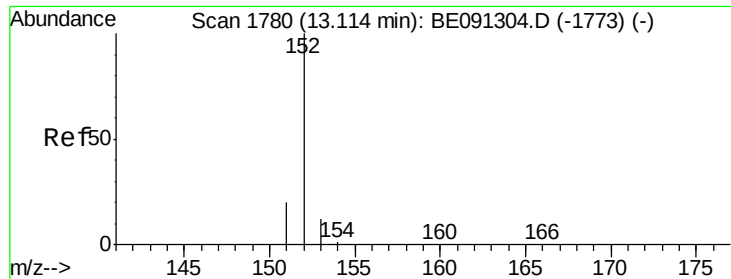
Instrument :
BNA_E
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A4J70DL

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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QLast Update : Tue Nov 24 02:51:08 2015
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#9

Acenaphthylene

Concen: 0.21 ng/ul

RT: 13.11 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

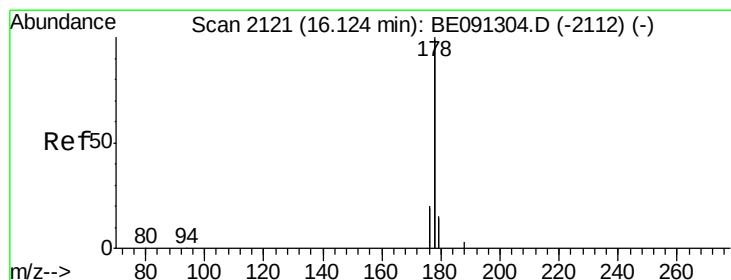
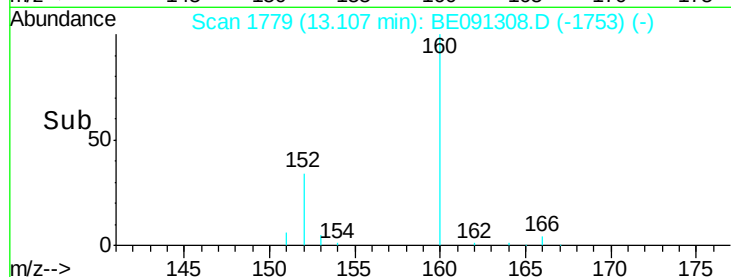
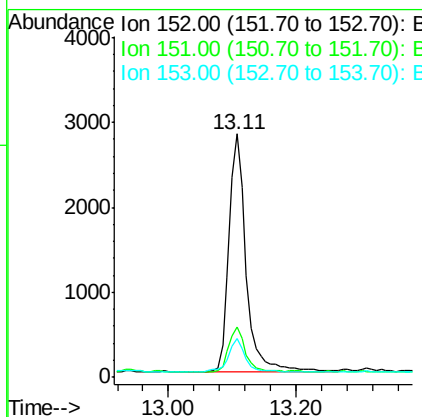
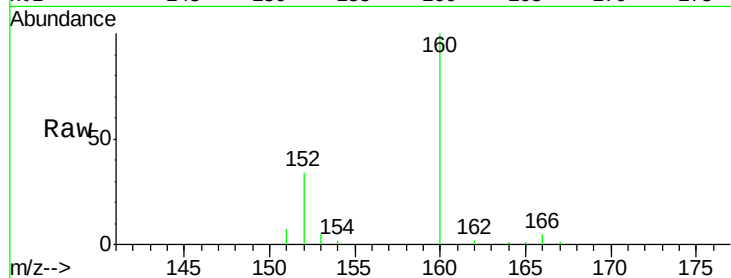
ClientSampleId :

A4J70DL

Tot Ion:	152	Resp:	5245
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	15.7	11.3	16.9

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#14

Phenanthrene

Concen: 0.49 ng/ul

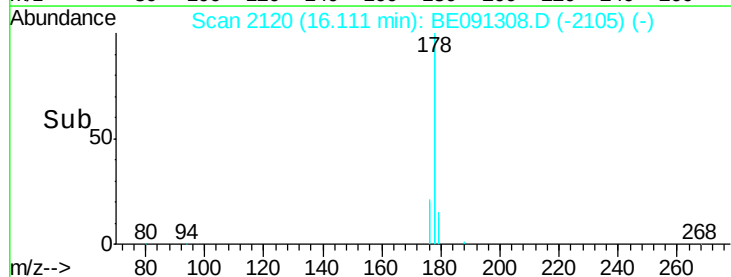
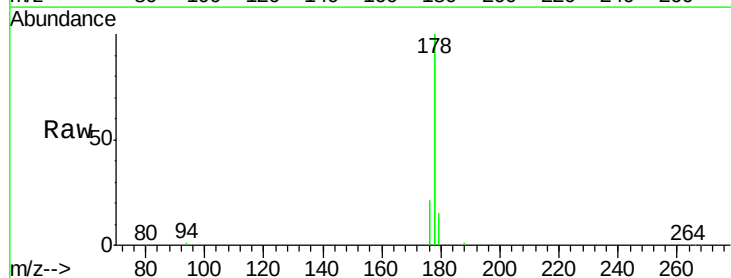
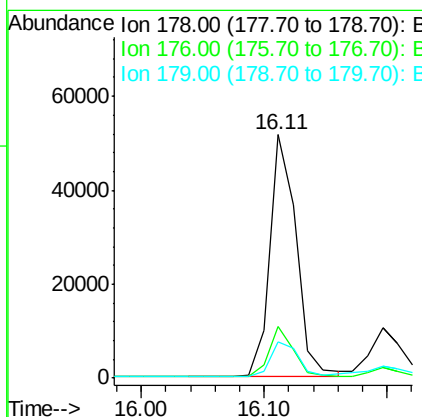
RT: 16.11 min Scan# 2120

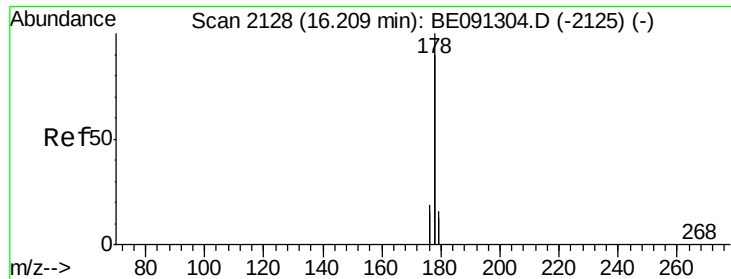
Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Tgt Ion:	178	Resp:	77339
Ion Ratio	Lower	Upper	
178	100		
176	21.1	16.2	24.4
179	14.8	12.8	19.2





#15

Anthracene

Concen: 0.14 ng/ul m

RT: 16.20 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

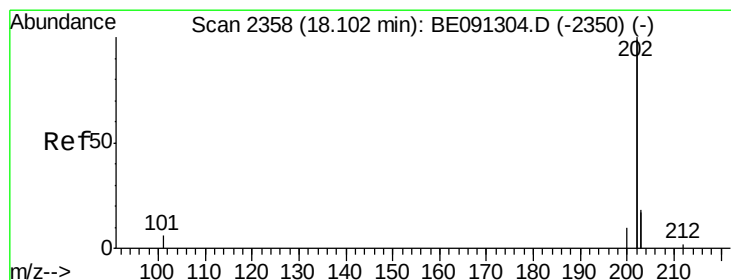
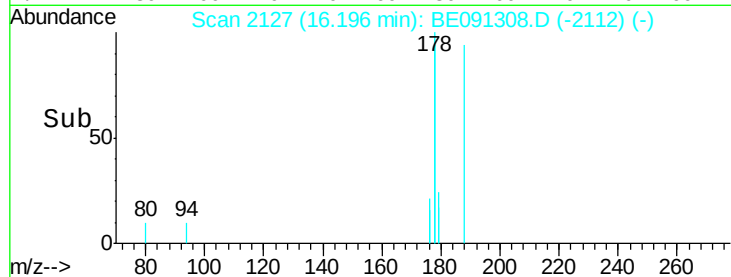
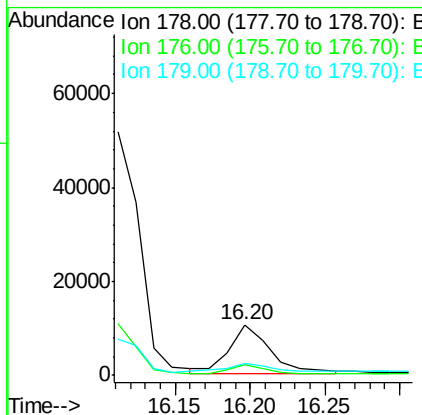
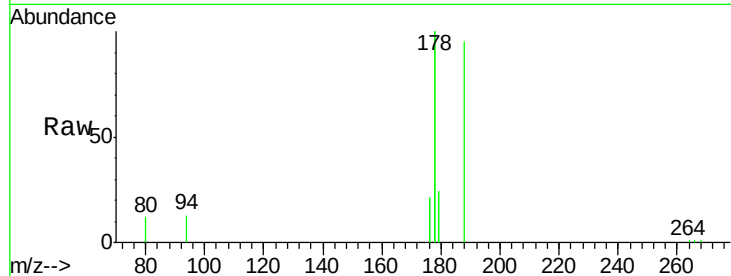
ClientSampleId :

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Tot Ion:178	Resp:	20567
Ion Ratio	Lower	Upper
178	100	
176	21.3	15.8 23.8
179	23.8	13.3 19.9#



#17

Fluoranthene

Concen: 0.97 ng/ul

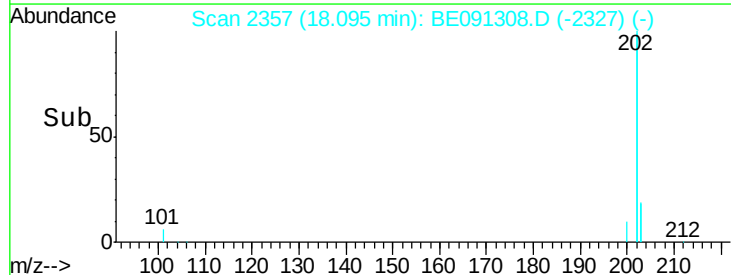
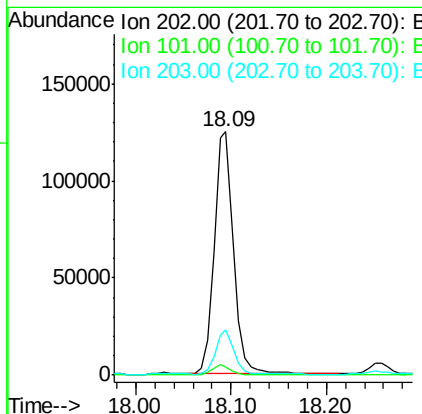
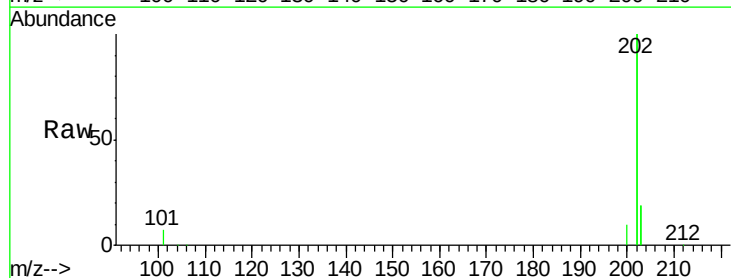
RT: 18.09 min Scan# 2357

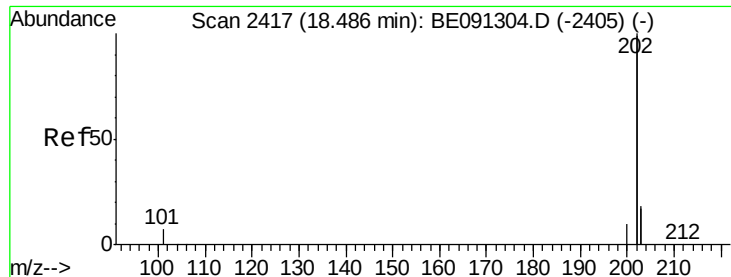
Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Tgt Ion:202	Resp:	177656
Ion Ratio	Lower	Upper
202	100	
101	3.3	0.0 33.1
203	18.7	0.0 37.2





#19

Pyrene

Concen: 1.18 ng/ul

RT: 18.47 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

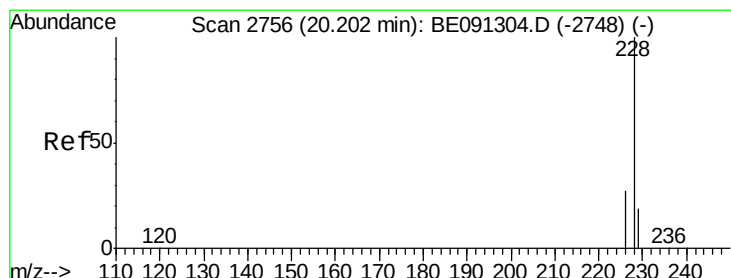
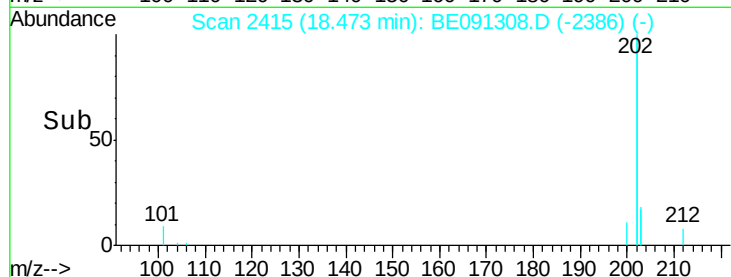
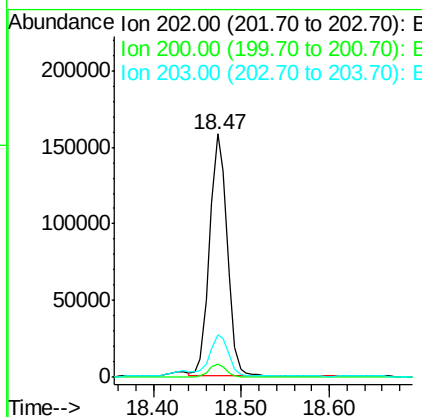
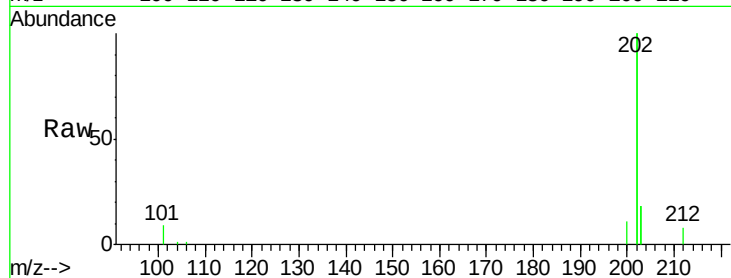
ClientSampleId :

A4J70DL

Tot Ion:	202	Resp:	221385
Ion Ratio		Lower	Upper
202	100		
200	5.4	18.0	27.0#
203	17.7	13.8	20.6

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#20

Benzo(a)anthracene

Concen: 0.46 ng/ul

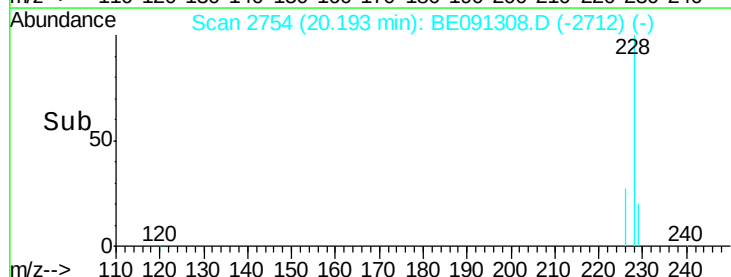
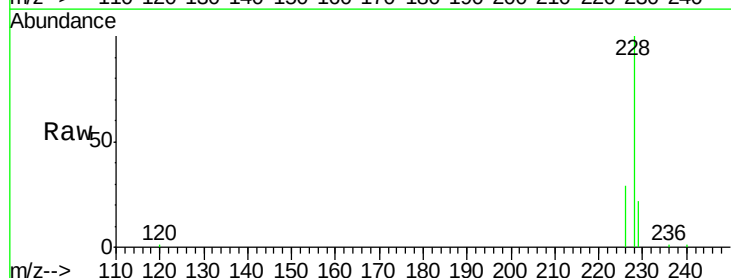
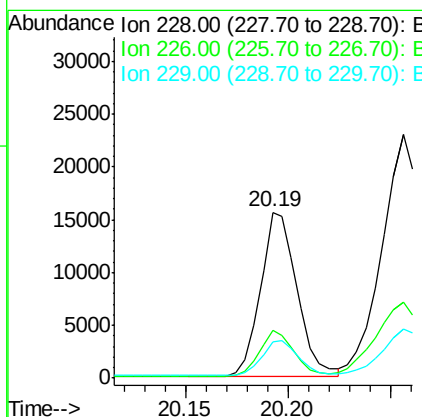
RT: 20.19 min Scan# 2754

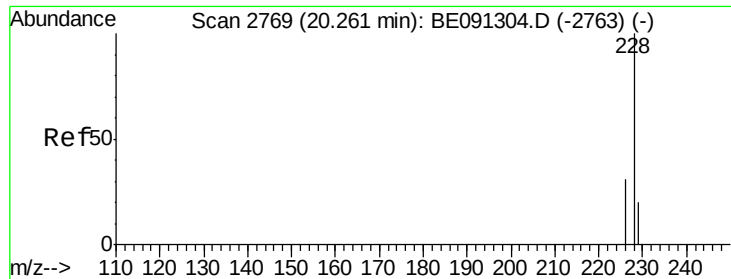
Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Tgt Ion:	228	Resp:	19398
Ion Ratio		Lower	Upper
228	100		
226	28.6	23.0	34.4
229	22.0	15.2	22.8





#21

Chrysene

Concen: 0.67 ng/ul

RT: 20.26 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

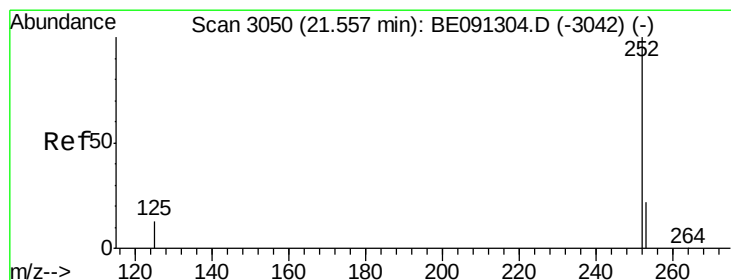
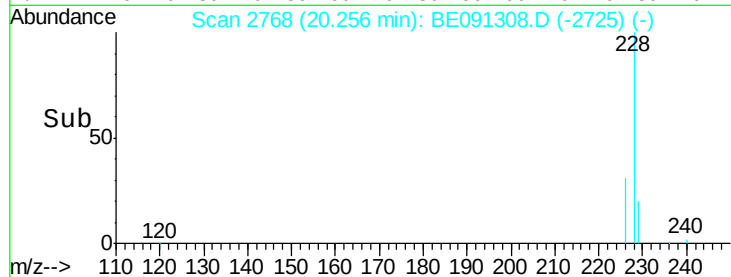
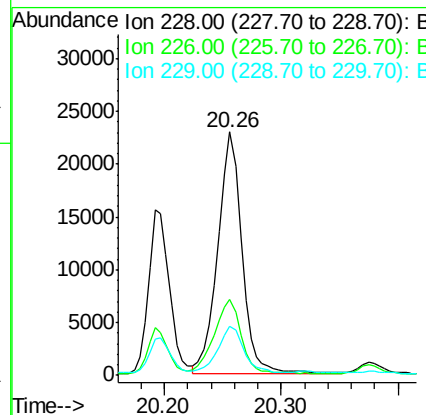
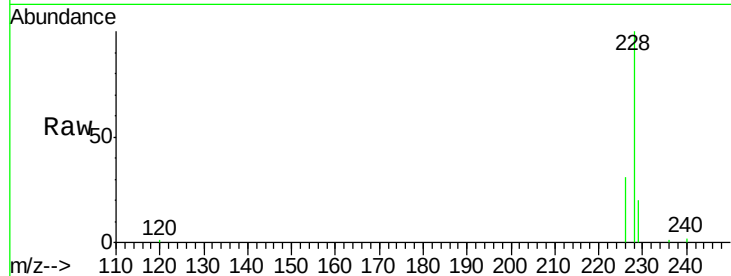
ClientSampleId :

A4J70DL

Tot Ion:	228	Resp:	32978
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.7	38.5
229	20.4	15.2	22.8

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#23

Benzo(b)fluoranthene

Concen: 0.40 ng/ul

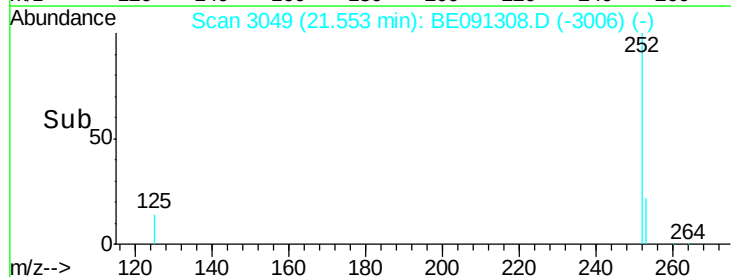
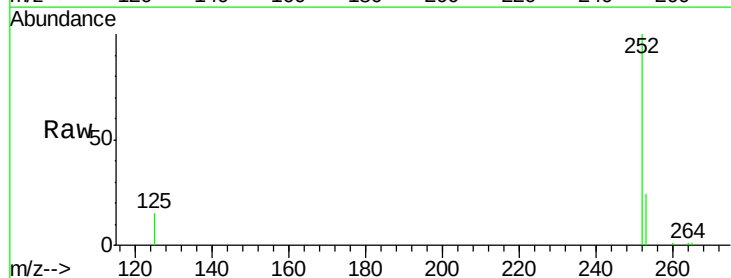
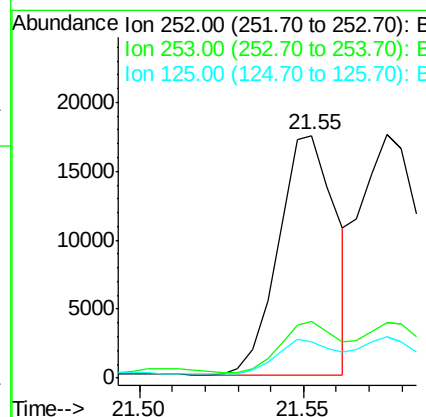
RT: 21.55 min Scan# 3049

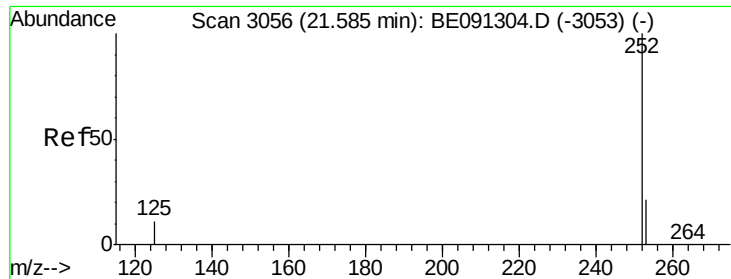
Delta R.T. -0.00 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Tgt Ion:	252	Resp:	21105
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	48.0
125	15.1	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 0.45 ng/ul

RT: 21.58 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BE091308.D

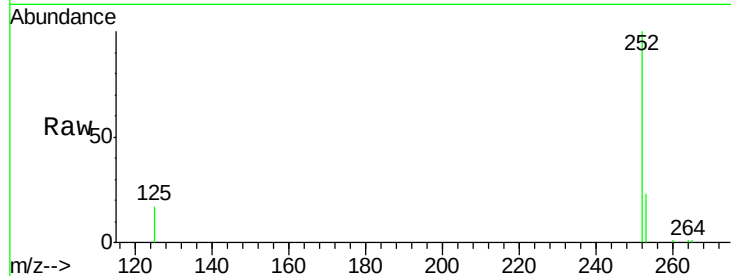
Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

ClientSampleId :

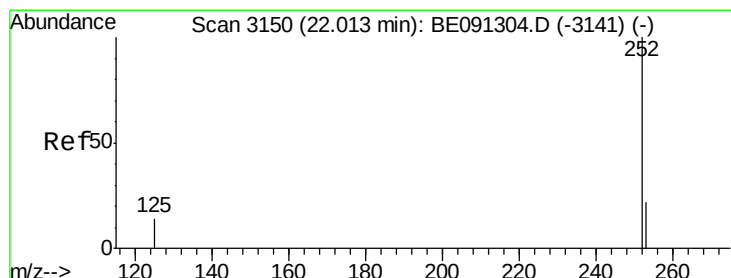
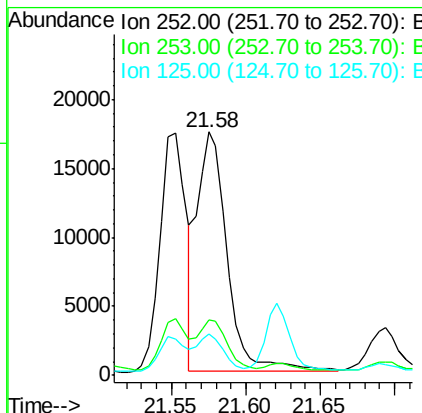
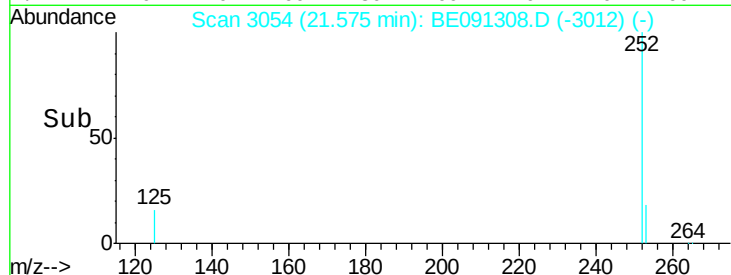
A4J70DL



Tot Ion:	252	Resp:	24368
Ion Ratio	Lower	Upper	
252	100		
253	22.9	20.8	31.2
125	17.1	12.2	18.4

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#25

Benzo(a)pyrene

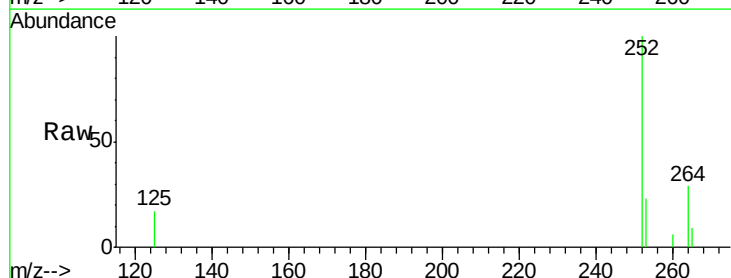
Concen: 0.51 ng/ul

RT: 22.01 min Scan# 3149

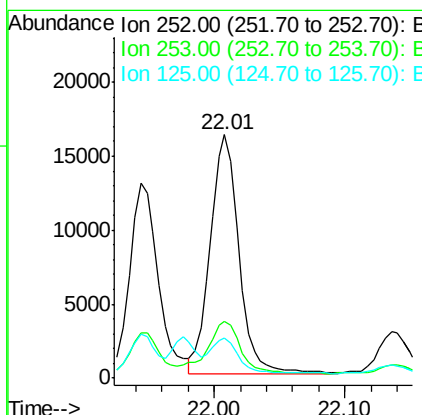
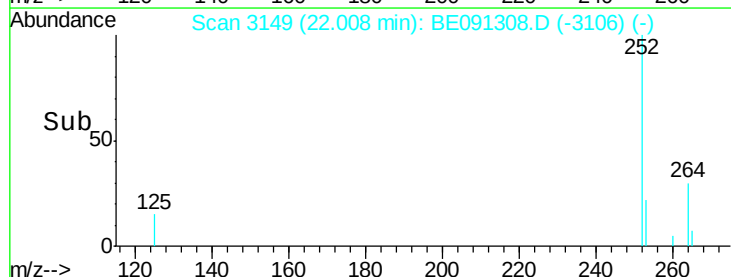
Delta R.T. -0.00 min

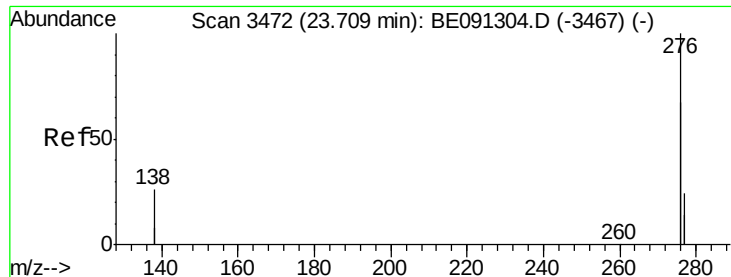
Lab File: BE091308.D

Acq: 23 Nov 2015 20:13



Tgt Ion:	252	Resp:	24753
Ion Ratio	Lower	Upper	
252	100		
253	23.5	21.8	32.8
125	16.5	14.5	21.7





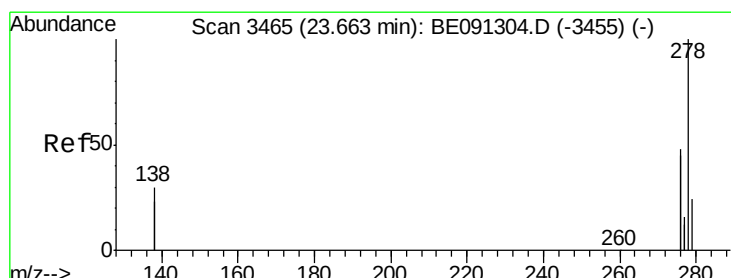
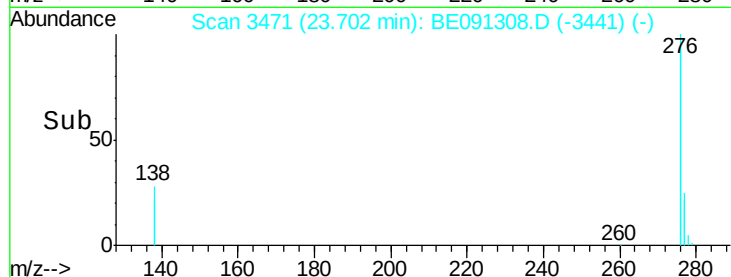
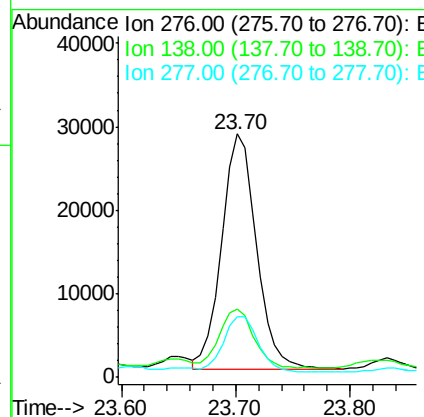
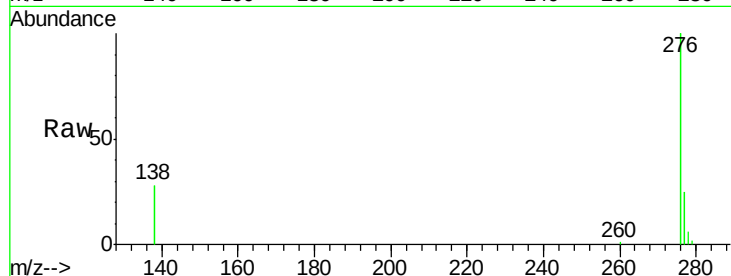
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.29 ng/ul
 RT: 23.70 min Scan# 3471
 Delta R.T. -0.01 min
 Lab File: BE091308.D
 Acq: 23 Nov 2015 20:13

Instrument :
 BNA_E
 ClientSampleId :
 A4J70DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	27.5	41.3#
277	23.2	19.3	28.9

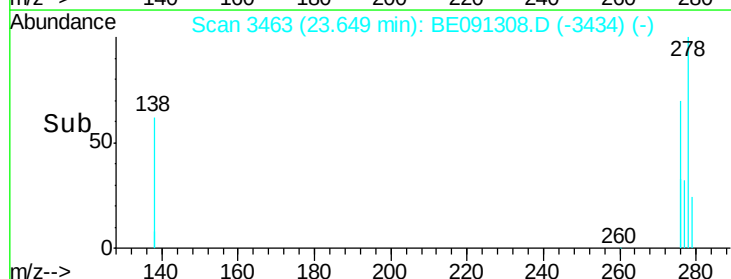
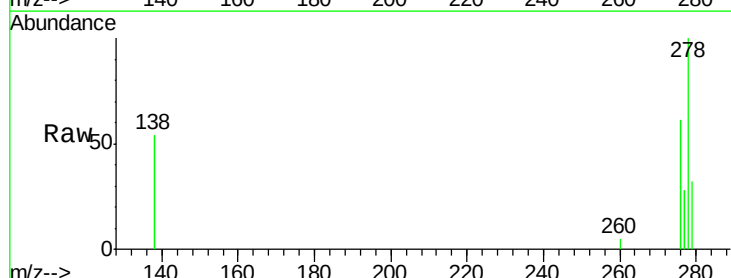
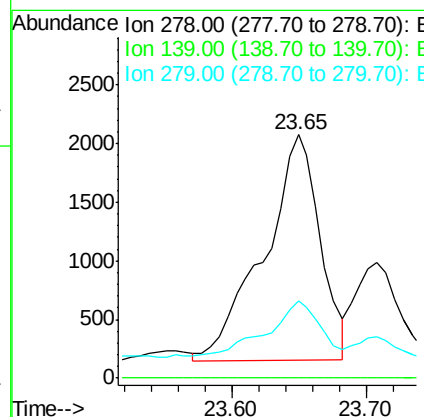
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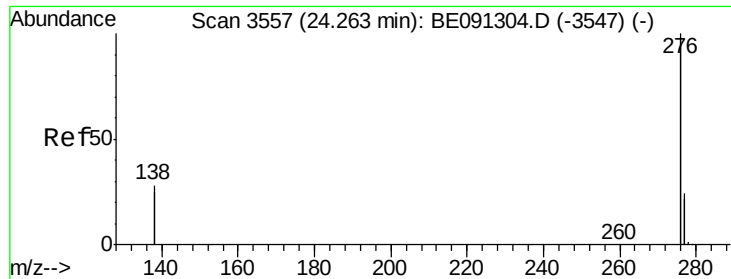
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#27
 Dibenzo(a,h)anthracene
 Concen: 0.12 ng/ul
 RT: 23.65 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BE091308.D
 Acq: 23 Nov 2015 20:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	31.6	21.9	32.9





#28

Benzo(a,h,i)perylene

Concen: 0.31 ng/ul

RT: 24.26 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BE091308.D

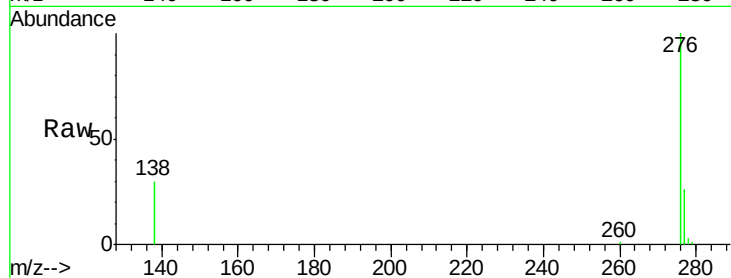
Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

ClientSampleId :

A4J70DL



Tot Ion:	276	Resp:	66507
Ion Ratio	Lower	Upper	
276	100		
277	25.8	21.3	31.9
138	30.2	25.5	38.3

Manual Integrations
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11/24/2015 1:06:58 PM

