

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111515\
 Data File : BE091171.D
 Acq On : 15 Nov 2015 14:02
 Operator : UM/NP
 Sample : G4322-15DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6DL

Manual Integrations
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Quant Time: Nov 16 11:51:57 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 16 04:54:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	3479	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.59	136	18119	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.38	164	11545	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.10	188	31024	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	57544	0.40	ng/ul	0.00
22) Perylene-d12	22.12	264	53805	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	2121m	0.85	ng/uL	0.07
6) 2-Methylnaphthalene-d10	11.12	152	658	0.03	ng/ul	0.03
16) Fluoranthene-d10	18.08	212	1968	0.02	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthene	13.44	153	2183	0.06	ng/ul	88
11) Fluorene	14.42	166	2676	0.05	ng/ul#	93
14) Phenanthrene	16.12	178	198596	0.55	ng/ul	97
15) Anthracene	16.21	178	41954	0.13	ng/ul	98
17) Fluoranthene	18.11	202	292302	0.70	ng/ul	88
19) Pyrene	18.49	202	261436	0.40	ng/ul#	79
20) Benzo(a)anthracene	20.21	228	29813	0.20	ng/ul	96
21) Chrysene	20.27	228	36383	0.21	ng/ul	99
23) Benzo(b)fluoranthene	21.56	252	28579	0.17	ng/ul	98
24) Benzo(k)fluoranthene	21.59	252	28734	0.17	ng/ul	99
25) Benzo(a)pyrene	22.02	252	30205	0.20	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	23.72	276	76150	0.12	ng/ul#	89
28) Benzo(g,h,i)perylene	24.28	276	70027	0.10	ng/ul	98

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

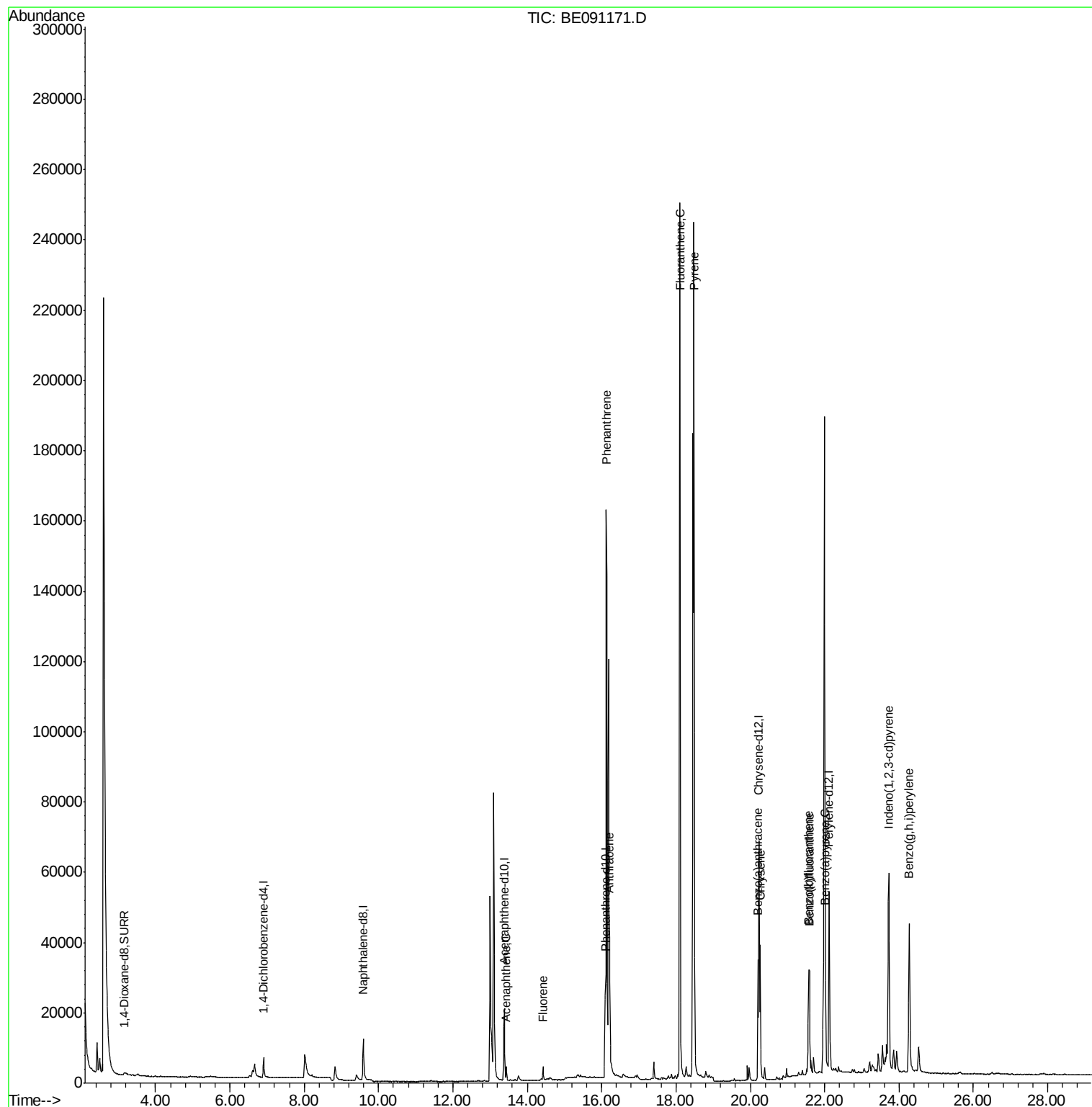
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111515\
Data File : BE091171.D
Acq On : 15 Nov 2015 14:02
Operator : UM/NP
Sample : G4322-15DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

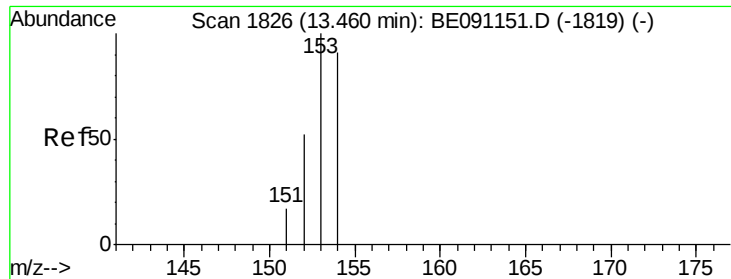
Instrument :
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A4HS6DL

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Quant Time: Nov 16 11:51:57 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 16 04:54:02 2015
Response via : Initial Calibration





#10

Acenaphthene

Concen: 0.06 ng/ul

RT: 13.44 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Instrument :

BNA_E

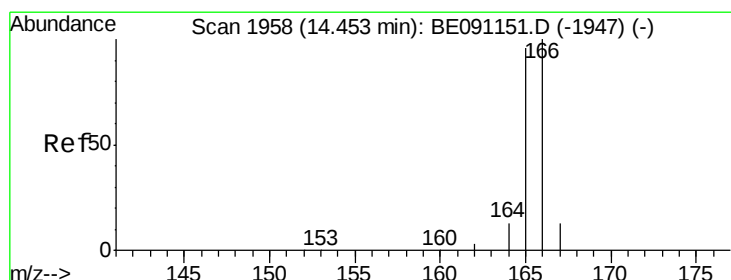
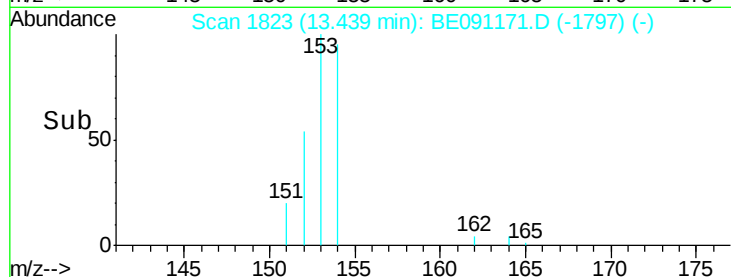
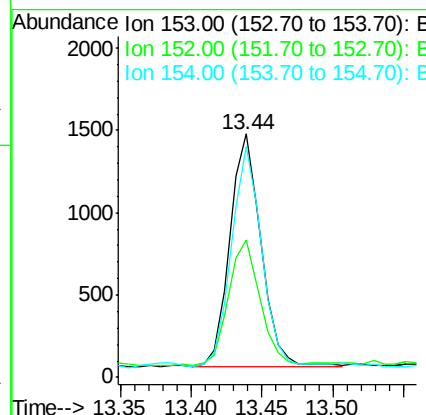
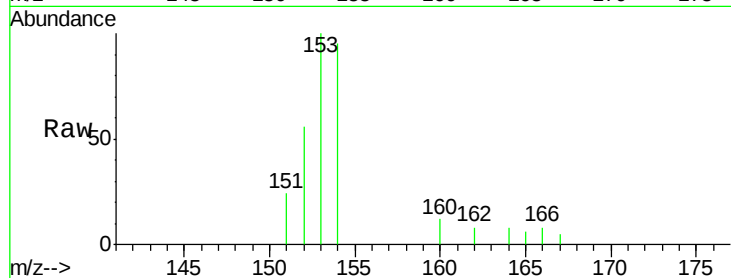
ClientSampleId :

A4HS6DL

Tgt Ion:	153	Resp:	2183
Ion Ratio	Lower	Upper	
153	100		
152	56.5	42.3	63.5
154	95.0	64.7	97.1

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#11

Fluorene

Concen: 0.05 ng/ul

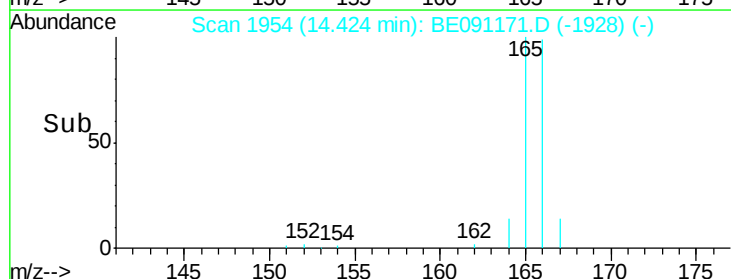
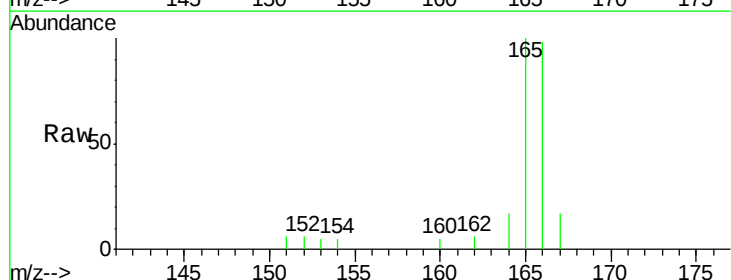
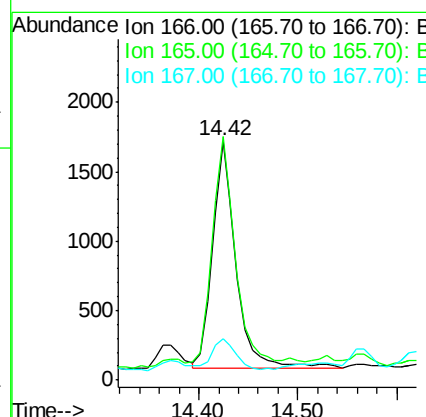
RT: 14.42 min Scan# 1954

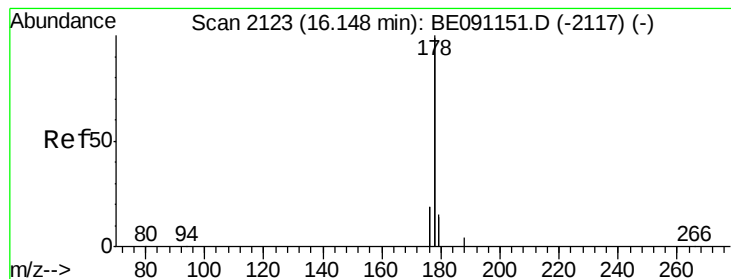
Delta R.T. -0.01 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Tgt Ion:	166	Resp:	2676
Ion Ratio	Lower	Upper	
166	100		
165	101.9	87.6	131.4
167	17.5	11.1	16.7#





#14

Phenanthrene

Concen: 0.55 ng/ul

RT: 16.12 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BE091171.D

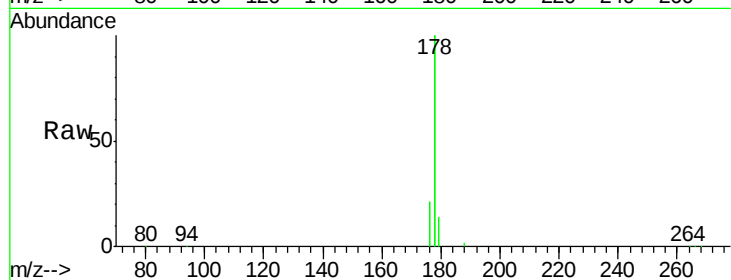
Acq: 15 Nov 2015 14:02

Instrument :

BNA_E

ClientSampleId :

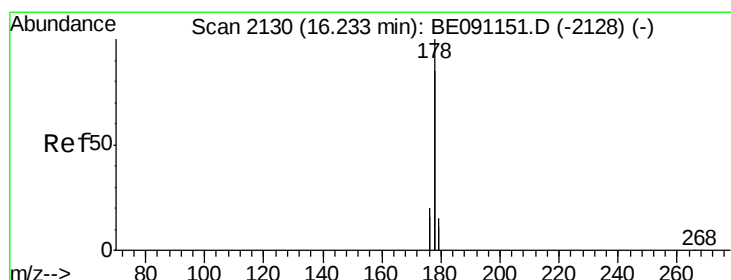
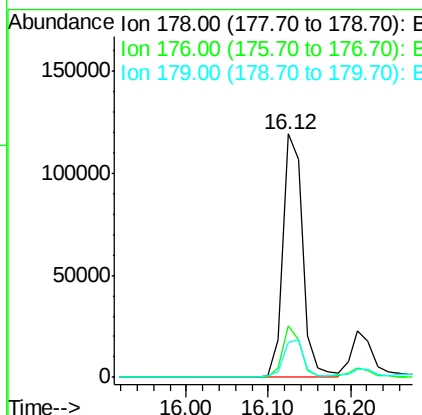
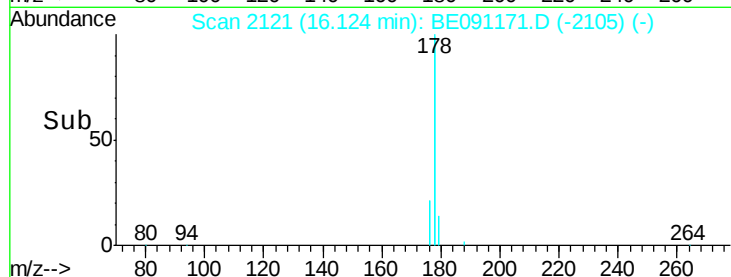
A4HS6DL



Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	14.4	12.8	19.2

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#15

Anthracene

Concen: 0.13 ng/ul

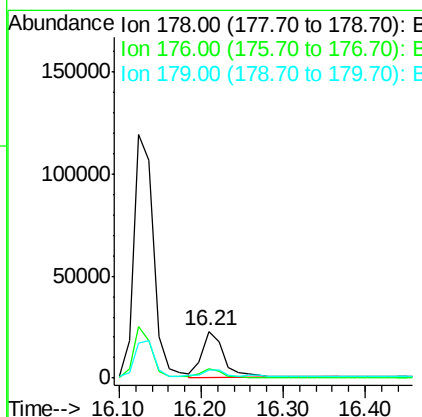
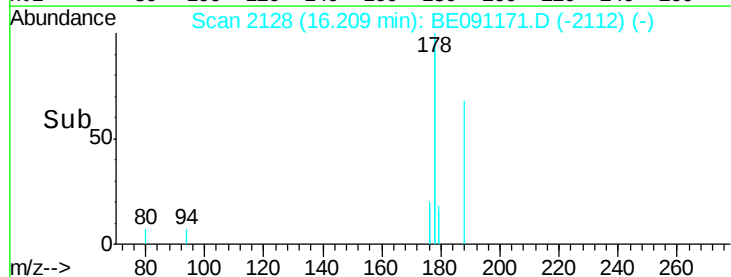
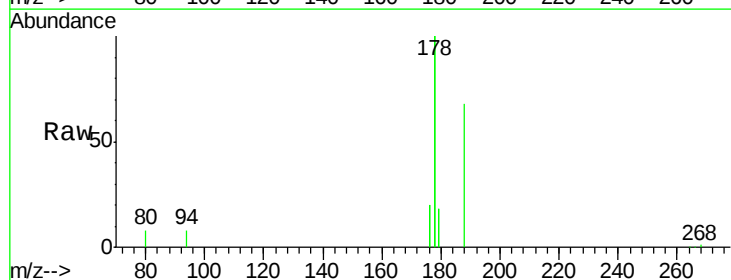
RT: 16.21 min Scan# 2128

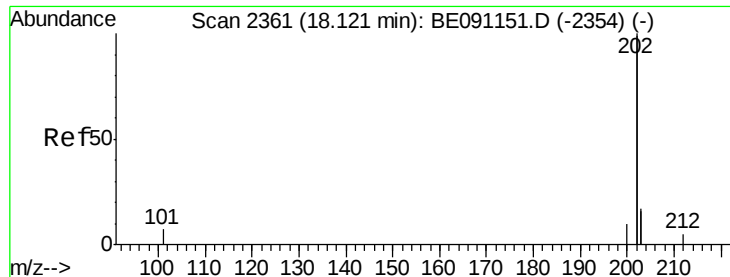
Delta R.T. -0.01 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	17.8	13.3	19.9





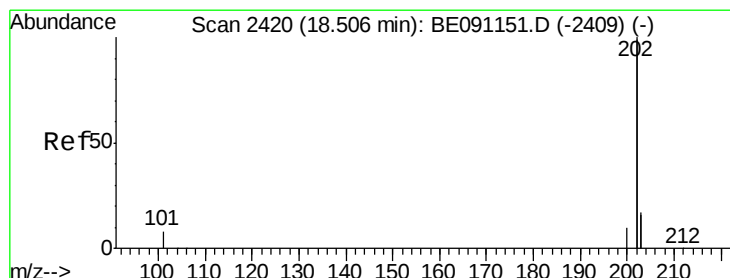
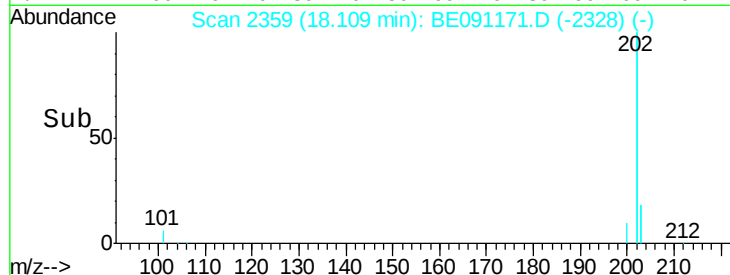
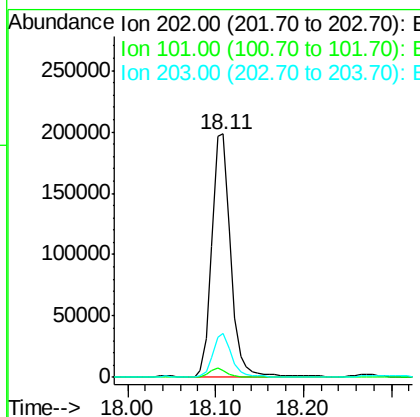
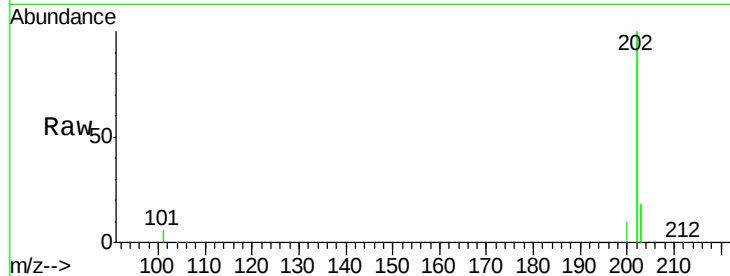
#17
Fluoranthene
Concen: 0.70 ng/ul
RT: 18.11 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BE091171.D
Acq: 15 Nov 2015 14:02

Instrument :
BNA_E
ClientSampleId :
A4HS6DL

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		292302		
101	3.0	0.0	33.1		
203	18.3	0.0	37.2		

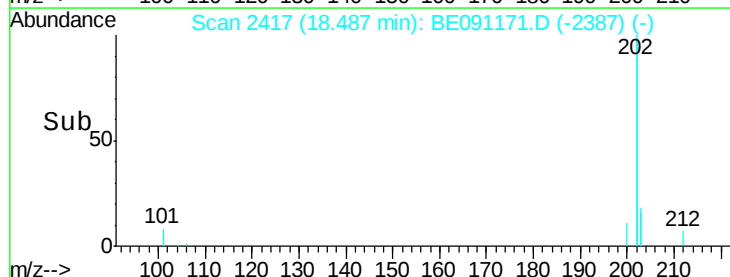
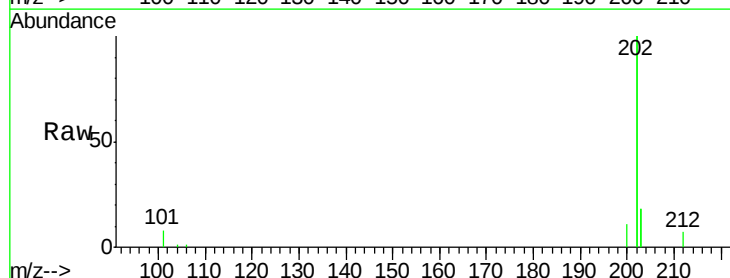
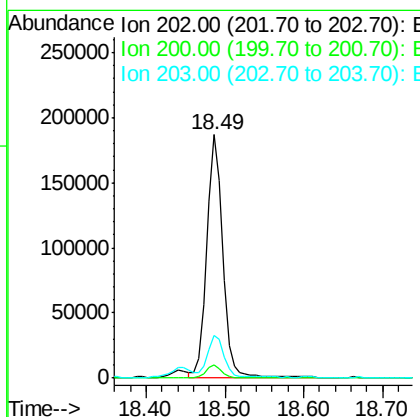
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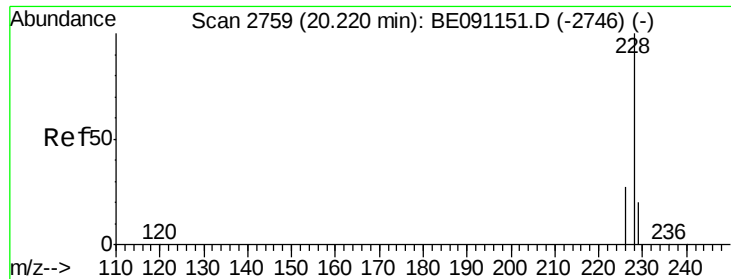
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#19
Pyrene
Concen: 0.40 ng/ul
RT: 18.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BE091171.D
Acq: 15 Nov 2015 14:02

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		261436		
200	5.3	18.0	27.0#		
203	17.6	13.8	20.6		





#20

Benzo(a)anthracene

Concen: 0.20 ng/ul

RT: 20.21 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Instrument :

BNA_E

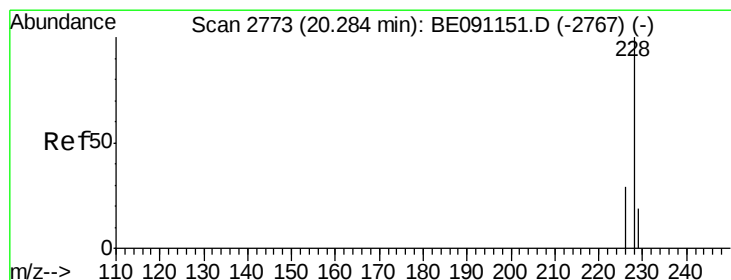
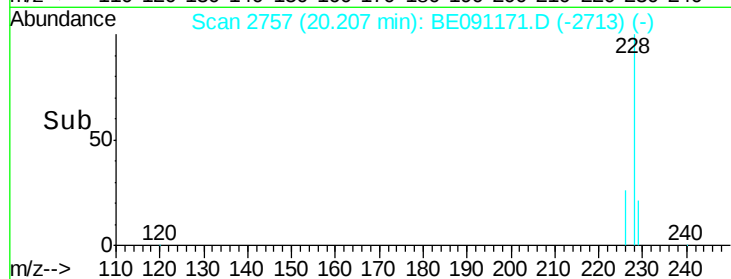
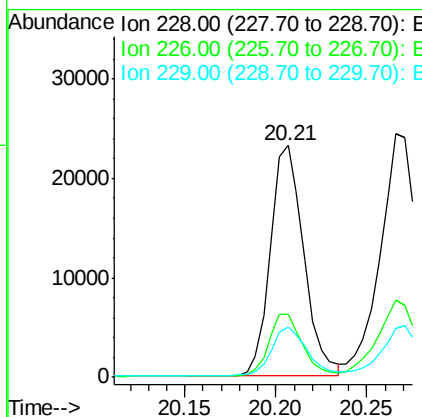
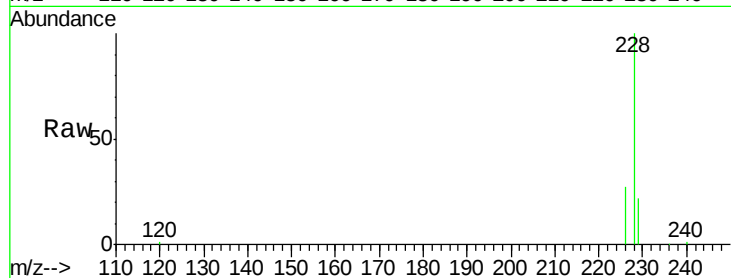
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Tgt Ion:	228	Resp:	29813
Ion Ratio	Lower	Upper	
228	100		
226	27.1	23.0	34.4
229	21.8	15.2	22.8

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#21

Chrysene

Concen: 0.21 ng/ul

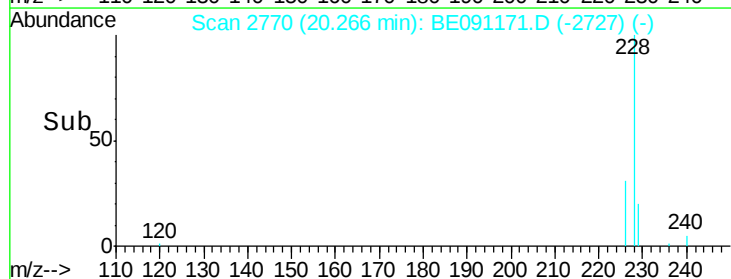
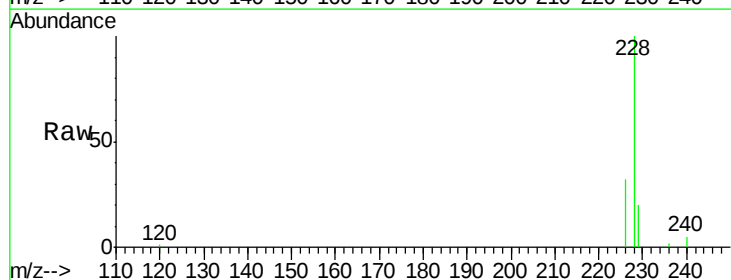
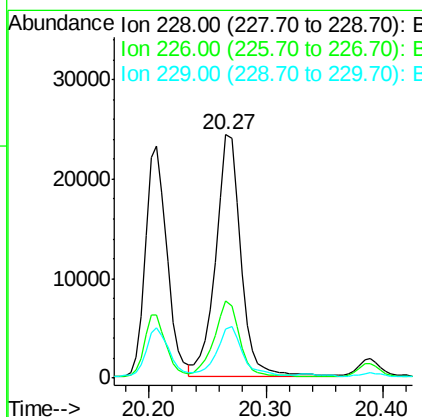
RT: 20.27 min Scan# 2770

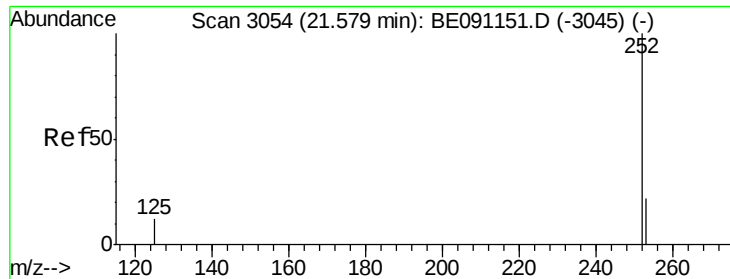
Delta R.T. -0.00 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Tgt Ion:	228	Resp:	36383
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.7	38.5
229	20.4	15.2	22.8





#23

Benzo(b)fluoranthene

Concen: 0.17 ng/u1

RT: 21.56 min Scan# 3051

Delta R.T. -0.00 min

Lab File: BE091171.D

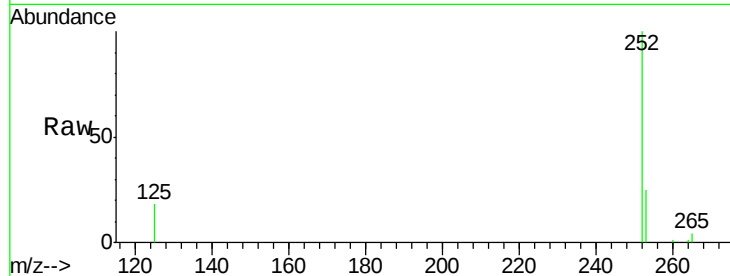
Acq: 15 Nov 2015 14:02

Instrument :

BNA_E

ClientSampleId :

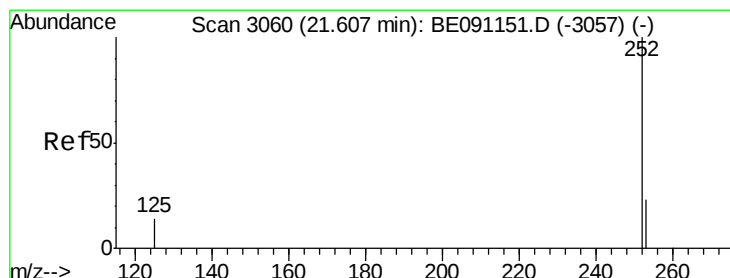
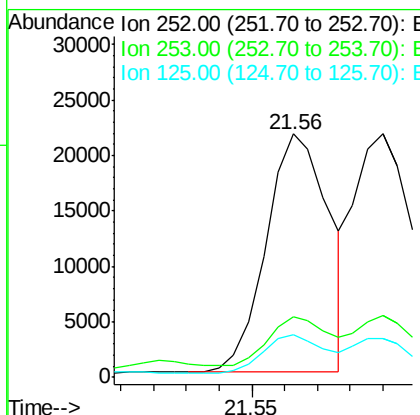
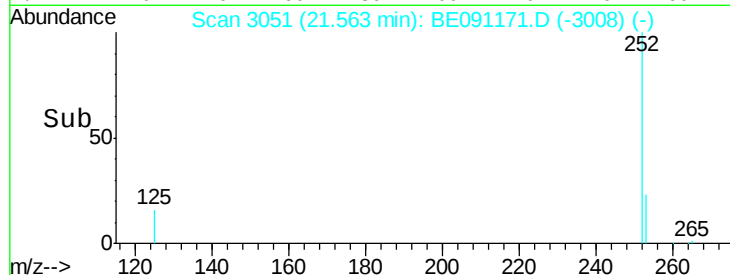
A4HS6DL



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28579		
253	25.2	0.0	48.0	
125	17.6	0.0	36.6	

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#24

Benzo(k)fluoranthene

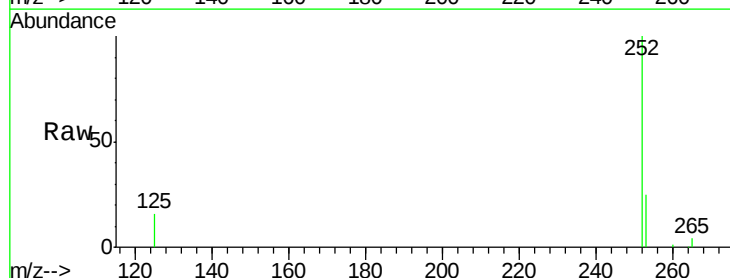
Concen: 0.17 ng/u1

RT: 21.59 min Scan# 3057

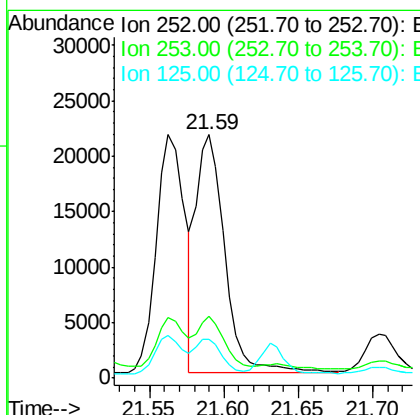
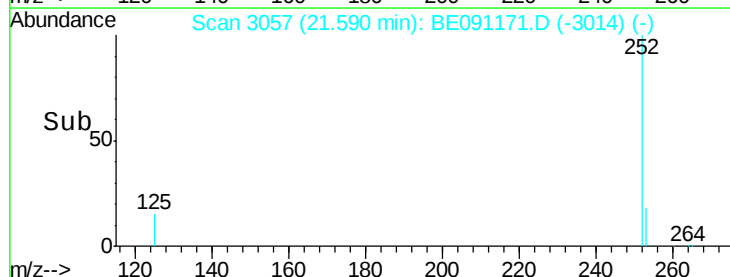
Delta R.T. -0.00 min

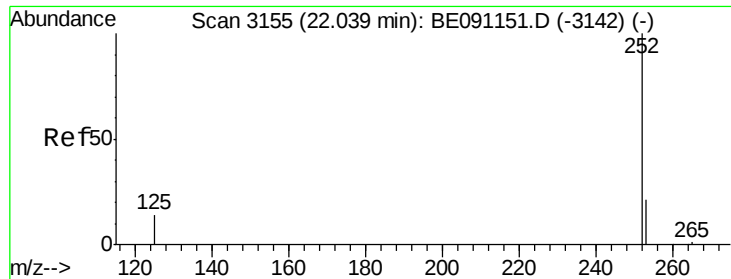
Lab File: BE091171.D

Acq: 15 Nov 2015 14:02



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28734		
253	25.3	20.8	31.2	
125	15.9	12.2	18.4	





#25

Benzo(a)pyrene

Concen: 0.20 ng/ul

RT: 22.02 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Instrument :

BNA_E

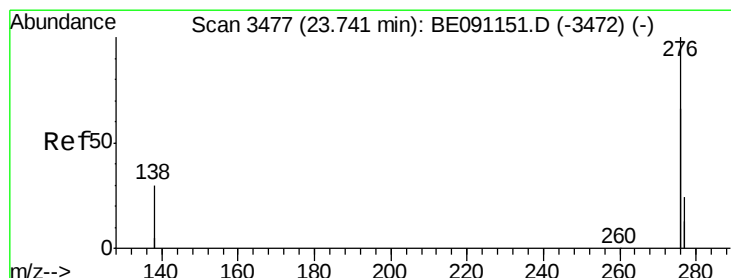
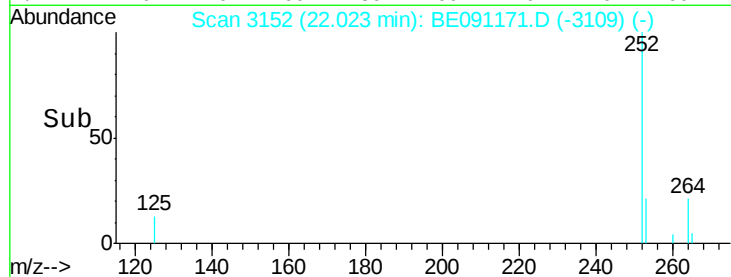
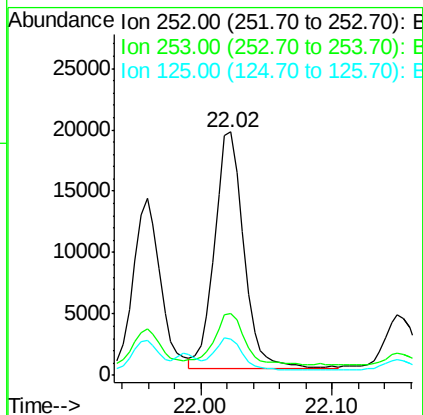
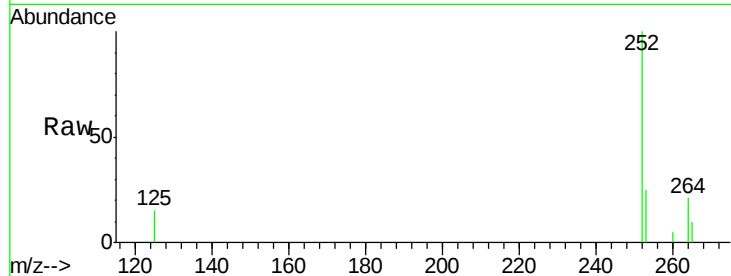
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.8	32.8
125	15.1	14.5	21.7



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng/ul

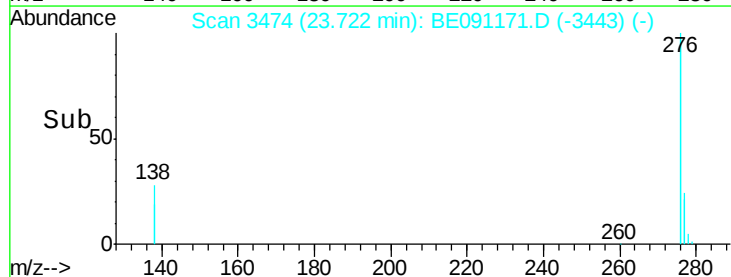
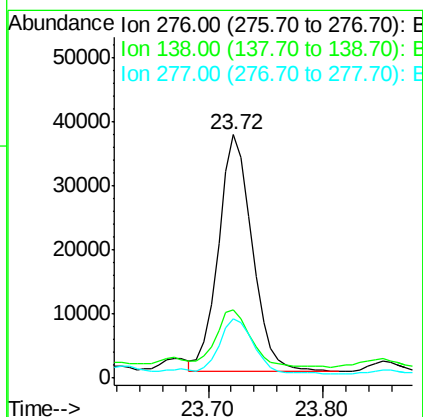
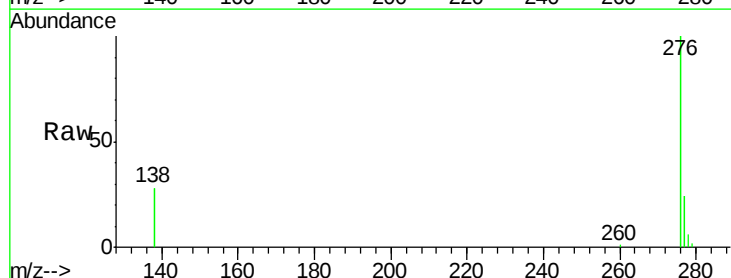
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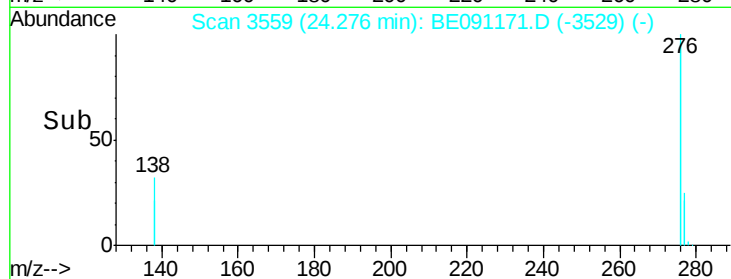
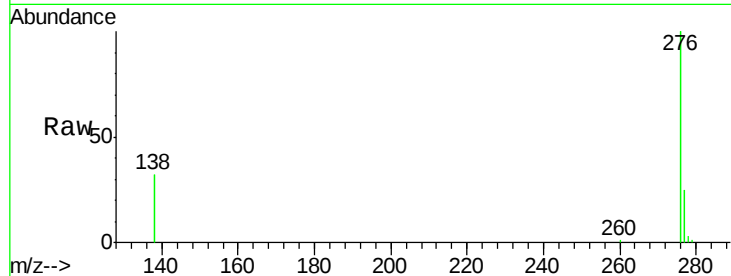
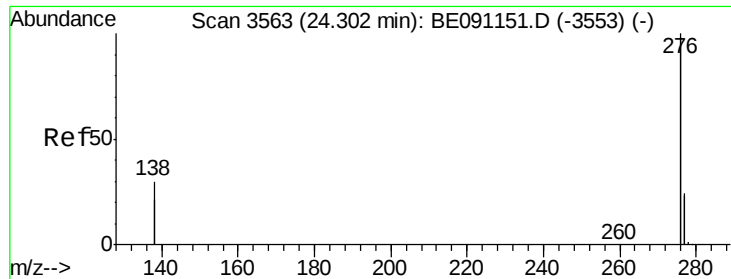
Delta R.T. -0.00 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	27.5	41.3#
277	23.2	19.3	28.9





#28

Benzo(g,h,i)perylene

Concen: 0.10 ng/ul

RT: 24.28 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Tgt Ion:	276	Resp:	70027
Ion Ratio	Lower	Upper	
276	100		
277	25.0	21.3	31.9
138	31.7	25.5	38.3

Instrument :

BNA_E

ClientSampleId :

A4HS6DL

Manual Integrations
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