

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
 Data File : BE091312.D
 Acq On : 23 Nov 2015 22:36
 Operator : UM/NP
 Sample : G4346-02RXDL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J70RXDL

Manual Integrations
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 11/24/2015 1:06:55 PM

Quant Time: Nov 24 03:19:47 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	2086	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.56	136	10060	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	5211	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	13612	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	16445	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	16573	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.96	96	3818	2.54	ng/uL	0.00
6) 2-Methylnaphthalene-d10	11.06	152	880	0.06	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	2335	0.06	ng/ul	0.00
Target Compounds						
5) Naphthalene	9.60	128	766	0.03	ng/ul#	68
9) Acenaphthylene	13.11	152	5162	0.20	ng/ul	98
14) Phenanthrene	16.11	178	82915	0.53	ng/ul	99
15) Anthracene	16.20	178	22915m	0.16	ng/ul	
17) Fluoranthene	18.09	202	184520	1.00	ng/ul	90
19) Pyrene	18.47	202	222520	1.19	ng/ul#	79
20) Benzo(a)anthracene	20.19	228	21360m	0.51	ng/ul	
21) Chrysene	20.26	228	33598	0.69	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	22290	0.43	ng/ul	97
24) Benzo(k)fluoranthene	21.58	252	24458	0.46	ng/ul	95
25) Benzo(a)pyrene	22.01	252	25143	0.53	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	23.70	276	63611	0.32	ng/ul#	91
28) Benzo(g,h,i)perylene	24.26	276	68294	0.32	ng/ul	97

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

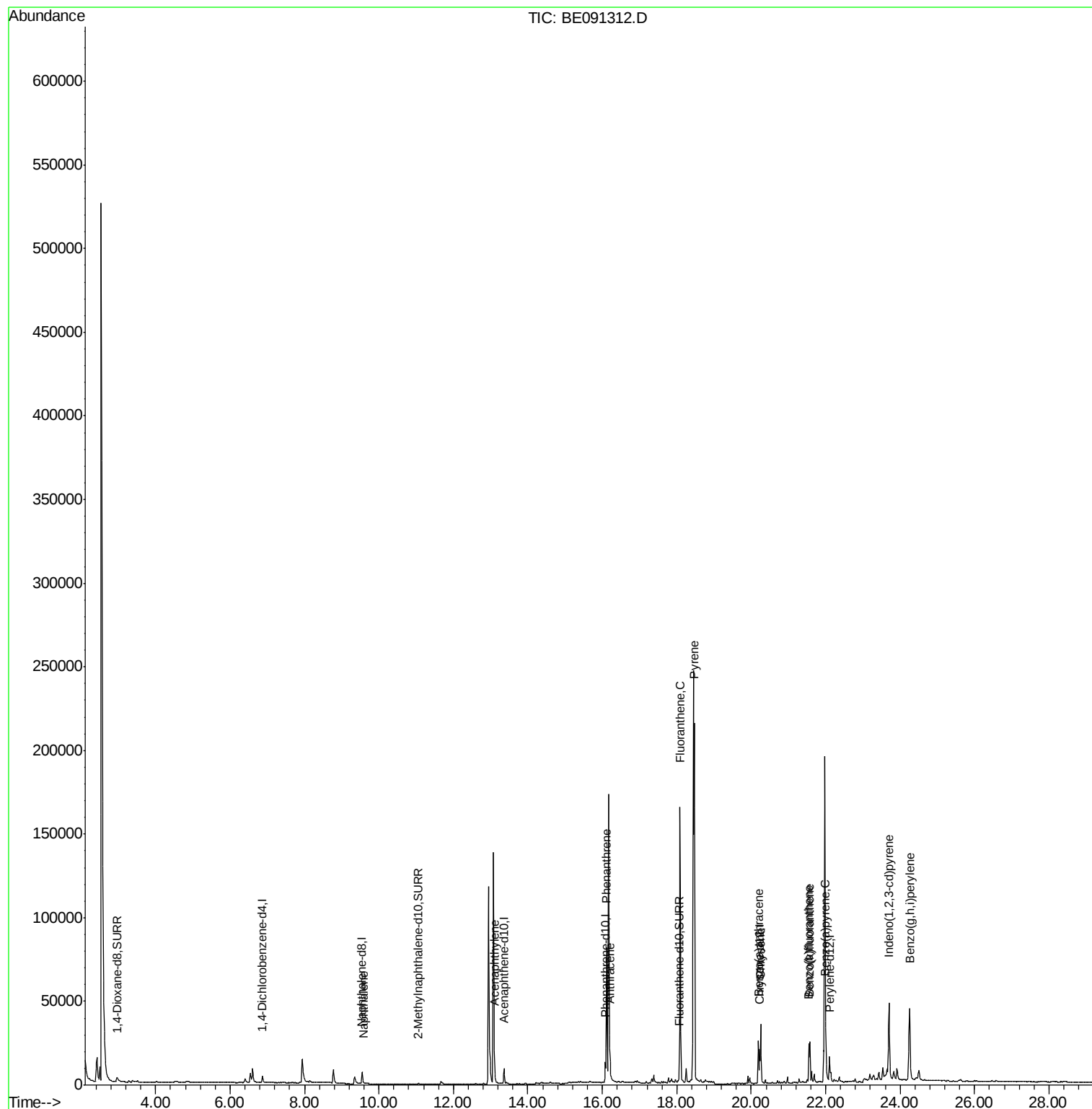
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
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Operator : UM/NP
Sample : G4346-02RXDL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

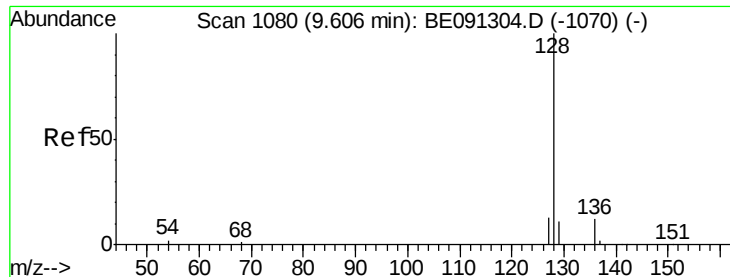
Instrument :
BNA_E
ClientSampleId :
A4J70RXDL

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Quant Time: Nov 24 03:19:47 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





#5

Naphthalene

Concen: 0.03 ng/ul

RT: 9.60 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Instrument :

BNA_E

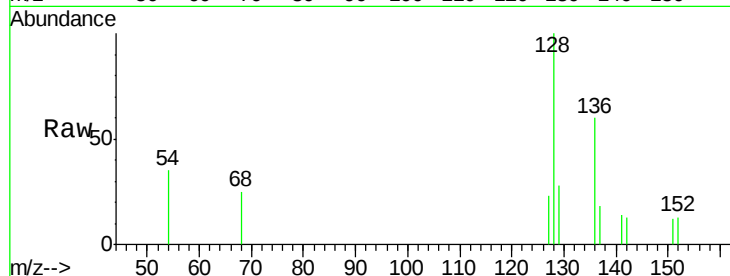
ClientSampleId :

A4J70RXDL

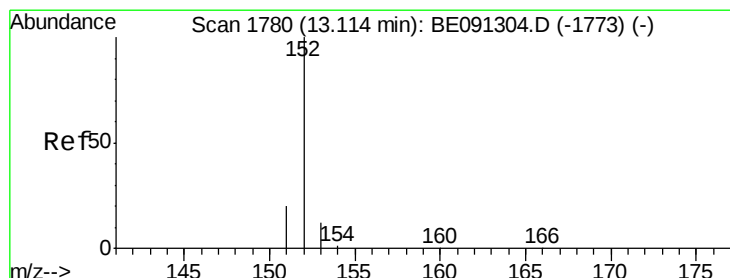
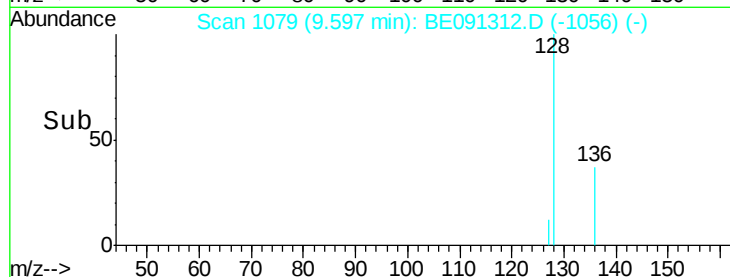
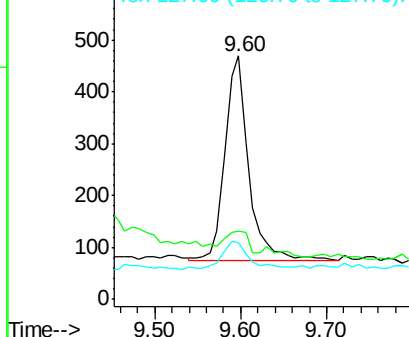
Tot Ion:	128	Resp:	766
Ion Ratio	Lower	Upper	
128	100		
129	27.9	9.8	14.8#
127	23.2	10.7	16.1#

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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



#9

Acenaphthylene

Concen: 0.20 ng/ul

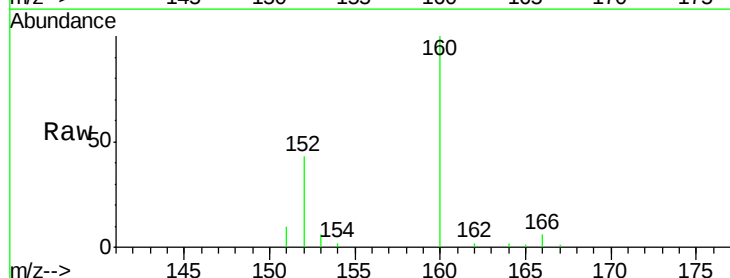
RT: 13.11 min Scan# 1779

Delta R.T. -0.01 min

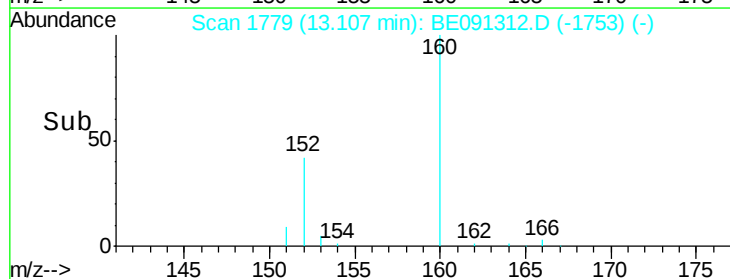
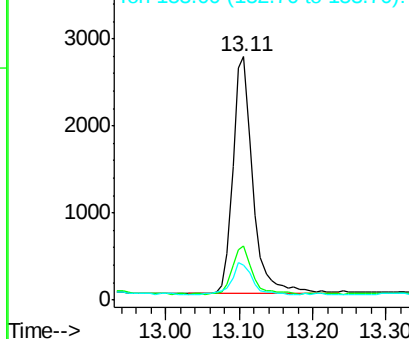
Lab File: BE091312.D

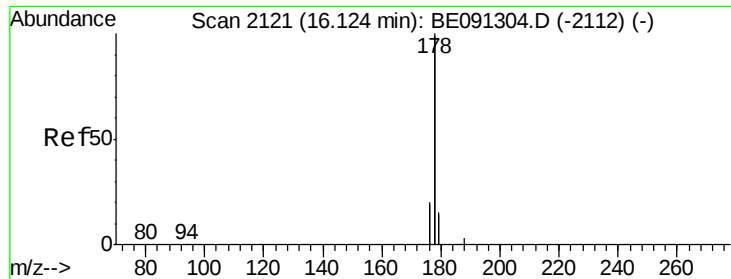
Acq: 23 Nov 2015 22:36

Tgt Ion:	152	Resp:	5162
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.8	25.2
153	14.4	11.3	16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#14

Phenanthrene

Concen: 0.53 ng/ul

RT: 16.11 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Instrument :

BNA_E

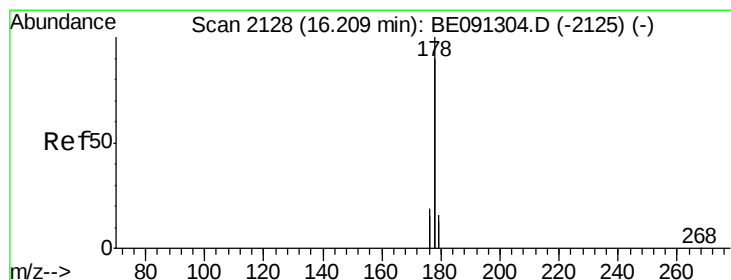
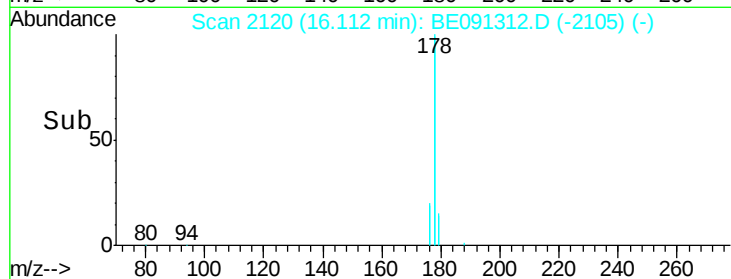
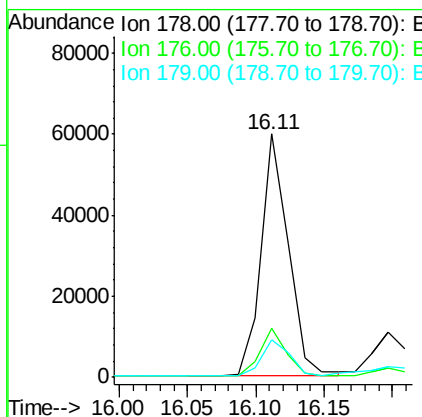
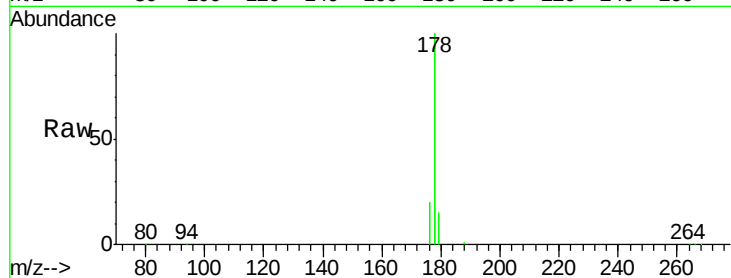
ClientSampleId :

A4J70RXDL

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Tot Ion:178	Resp:	82915
Ion Ratio	Lower	Upper
178	100	
176	20.3	16.2 24.4
179	15.3	12.8 19.2



#15

Anthracene

Concen: 0.16 ng/ul m

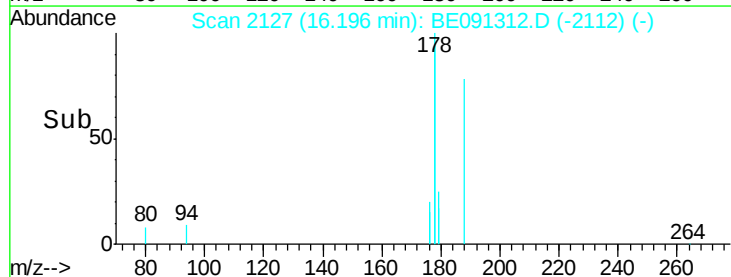
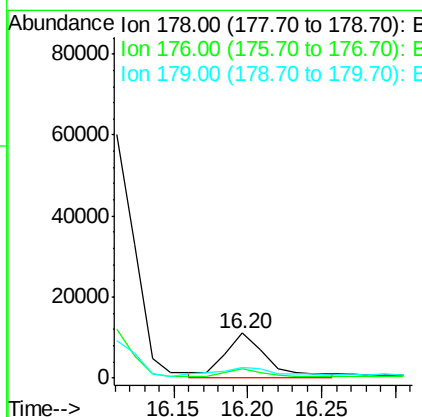
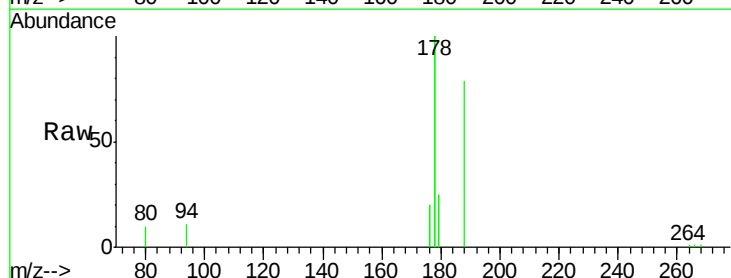
RT: 16.20 min Scan# 2127

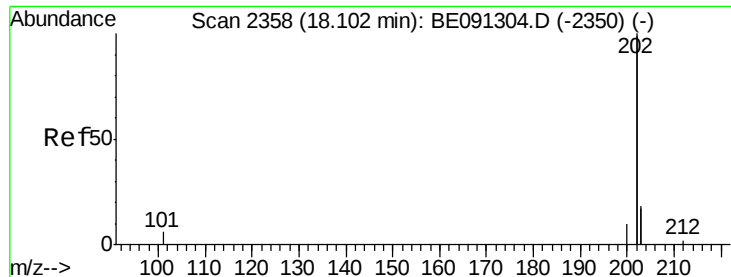
Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Tgt Ion:178	Resp:	22915
Ion Ratio	Lower	Upper
178	100	
176	20.4	15.8 23.8
179	24.6	13.3 19.9#





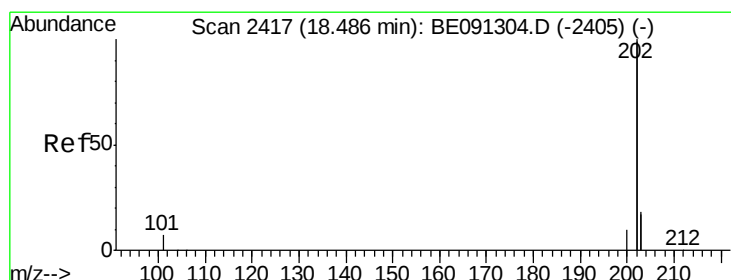
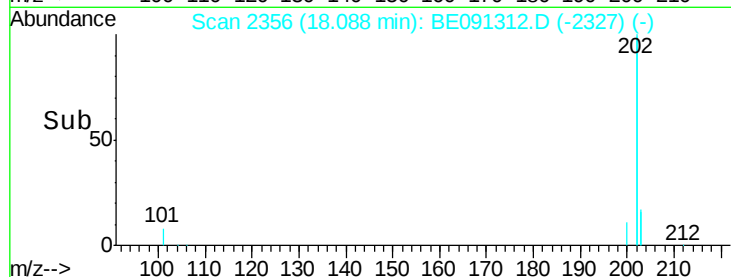
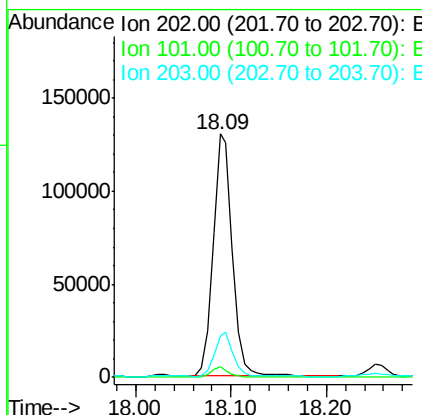
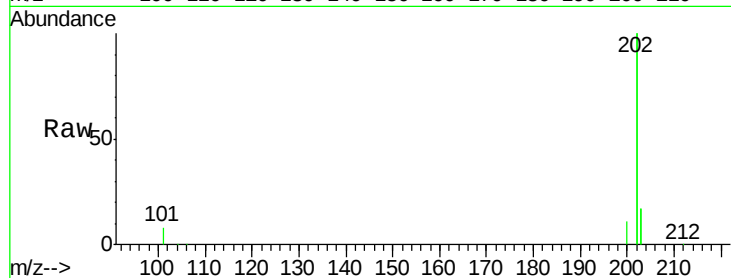
#17
Fluoranthene
Concen: 1.00 ng/ul
RT: 18.09 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BE091312.D
Acq: 23 Nov 2015 22:36

Instrument :
BNA_E
ClientSampleId :
A4J70RXDL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	4.2	0.0	33.1
203	17.0	0.0	37.2

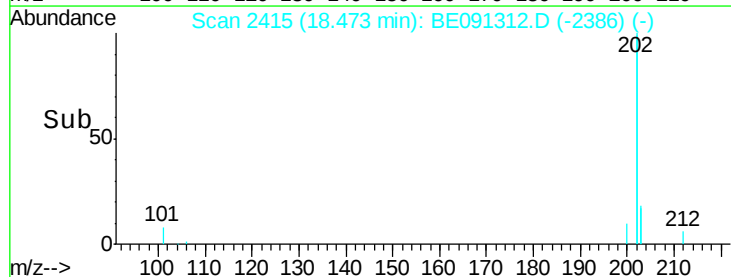
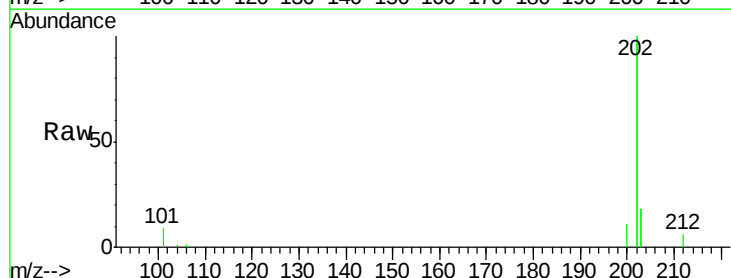
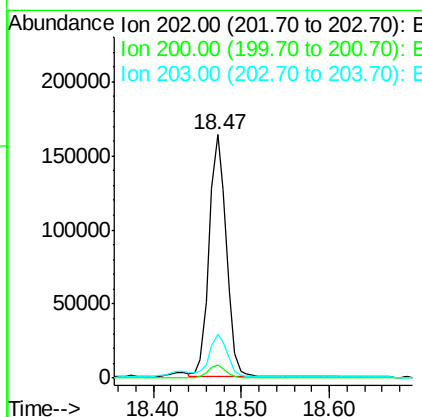
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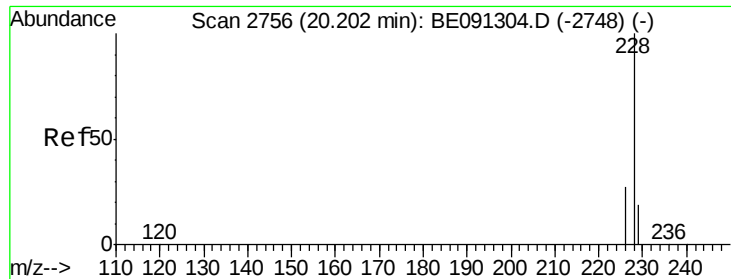
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#19
Pyrene
Concen: 1.19 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091312.D
Acq: 23 Nov 2015 22:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	5.3	18.0	27.0#
203	18.1	13.8	20.6





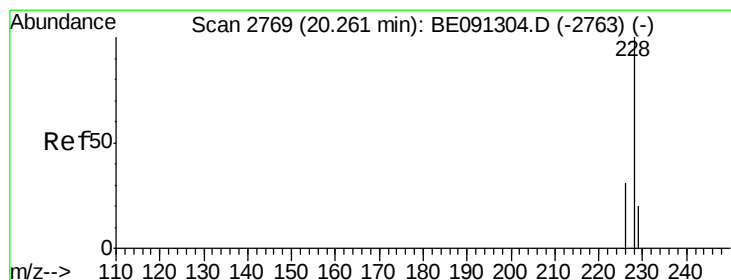
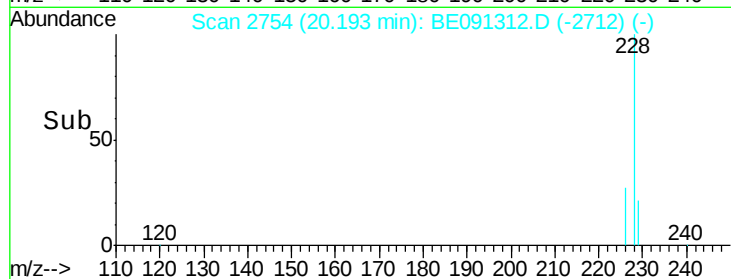
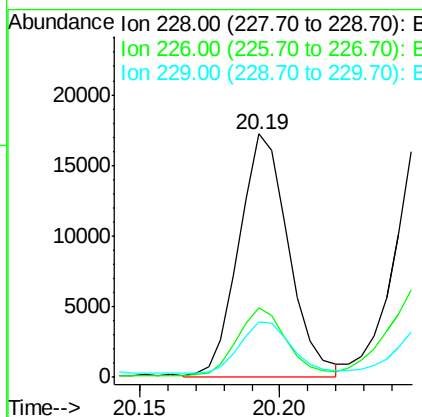
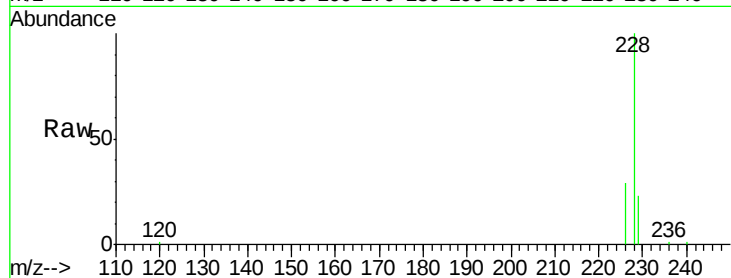
#20
Benzo(a)anthracene
Concen: 0.51 ng/ul m
RT: 20.19 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE091312.D
Acq: 23 Nov 2015 22:36

Instrument :
BNA_E
ClientSampleId :
A4J70RXDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.4
229	23.0	15.2	22.8

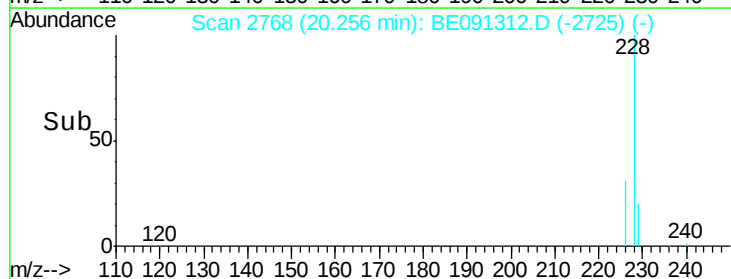
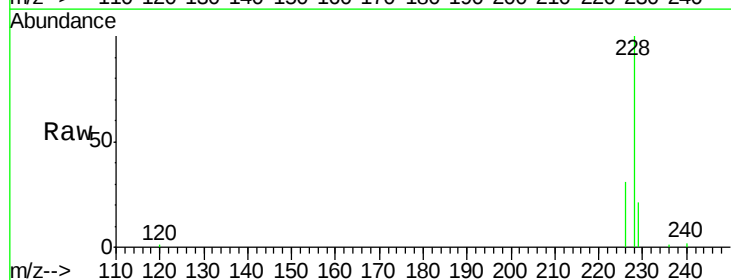
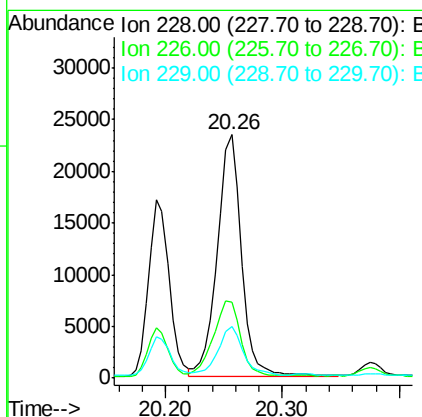
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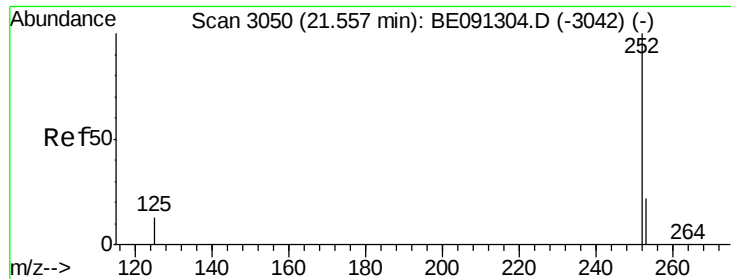
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#21
Chrysene
Concen: 0.69 ng/ul
RT: 20.26 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BE091312.D
Acq: 23 Nov 2015 22:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.7	38.5
229	21.1	15.2	22.8





#23

Benzo(b)fluoranthene

Concen: 0.43 ng/ul

RT: 21.55 min Scan# 3049

Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Instrument :

BNA_E

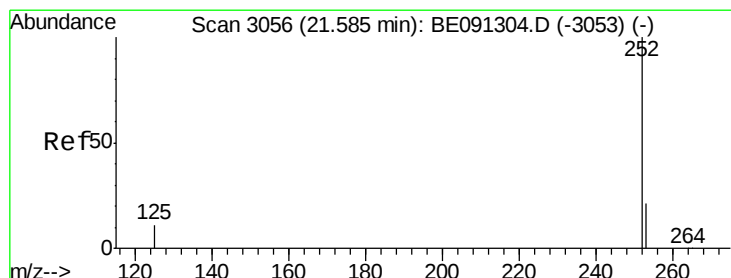
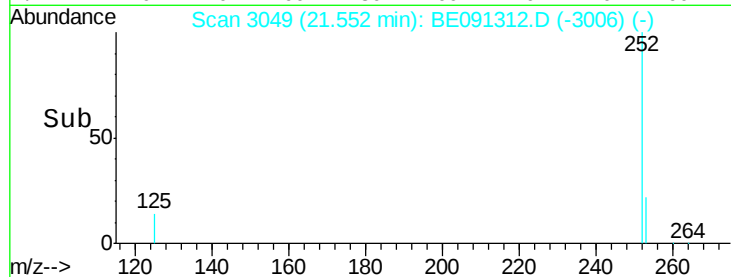
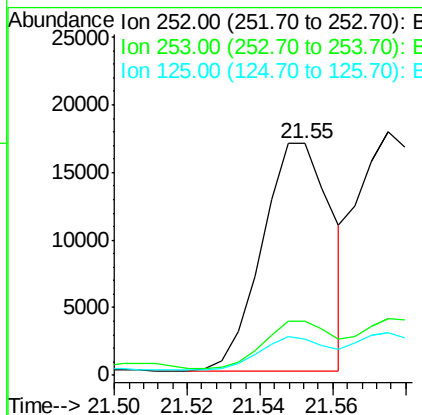
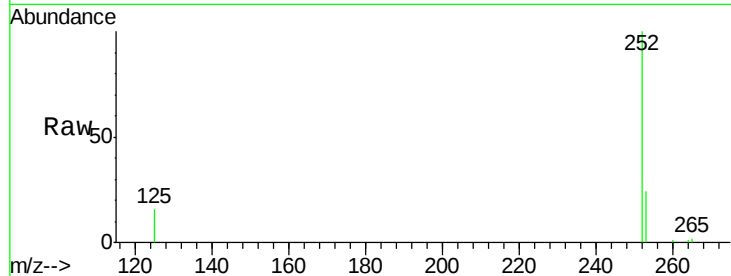
ClientSampleId :

A4J70RXDL

Tot Ion:	252	Resp:	22290
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	48.0
125	15.7	0.0	36.6

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#24

Benzo(k)fluoranthene

Concen: 0.46 ng/ul

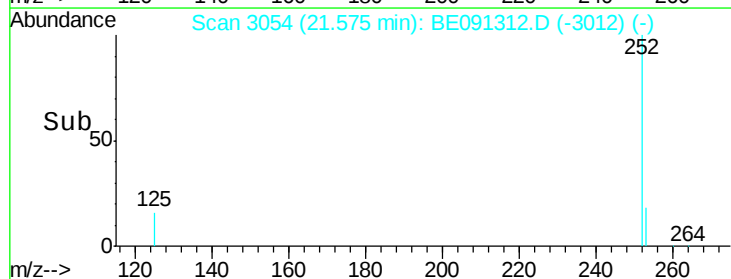
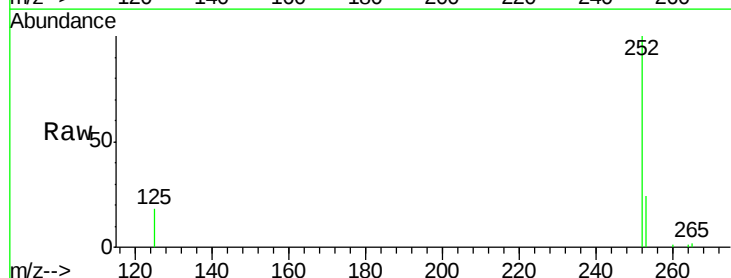
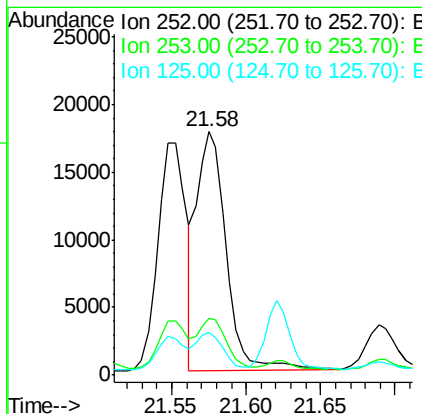
RT: 21.58 min Scan# 3054

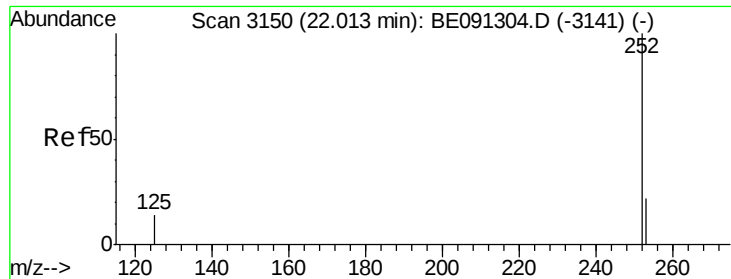
Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Tgt Ion:	252	Resp:	24458
Ion Ratio	Lower	Upper	
252	100		
253	23.5	20.8	31.2
125	17.5	12.2	18.4





#25

Benzo(a)pyrene

Concen: 0.53 ng/ul

RT: 22.01 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BE091312.D

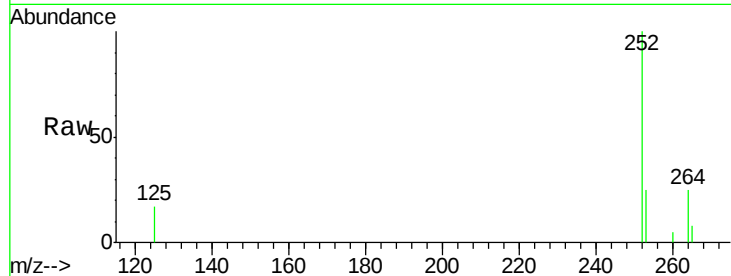
Acq: 23 Nov 2015 22:36

Instrument :

BNA_E

ClientSampleId :

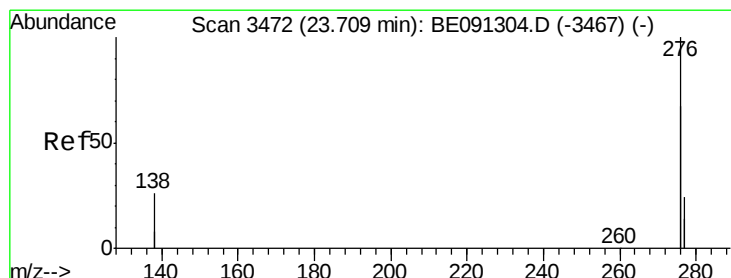
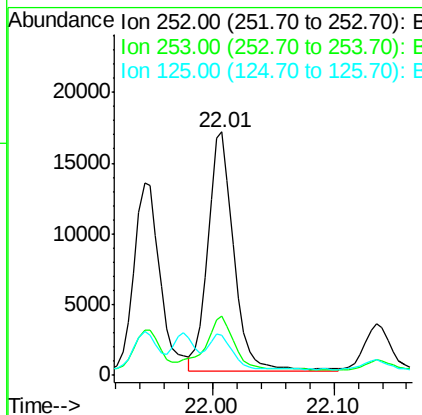
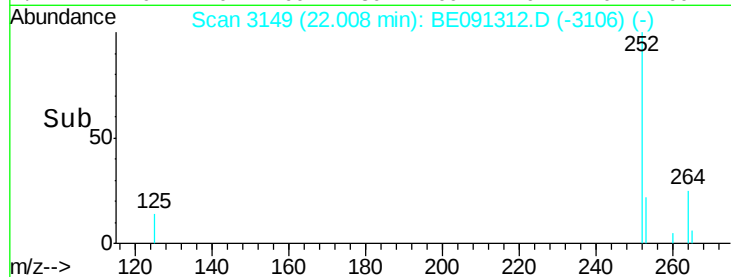
A4J70RXDL



Tot Ion:	252	Resp:	25143
Ion Ratio	Lower	Upper	
252	100		
253	24.5	21.8	32.8
125	16.7	14.5	21.7

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.32 ng/ul

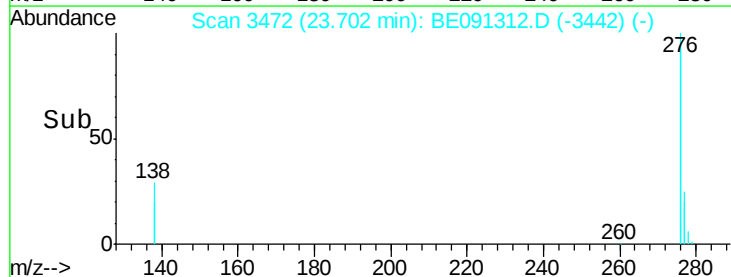
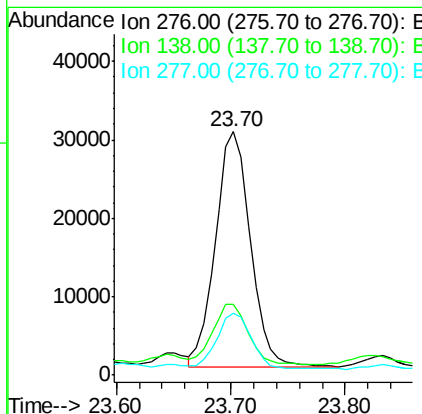
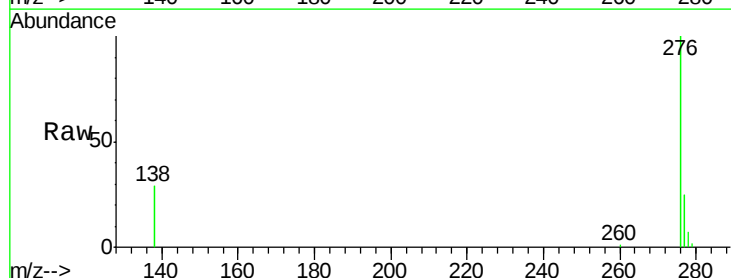
RT: 23.70 min Scan# 3472

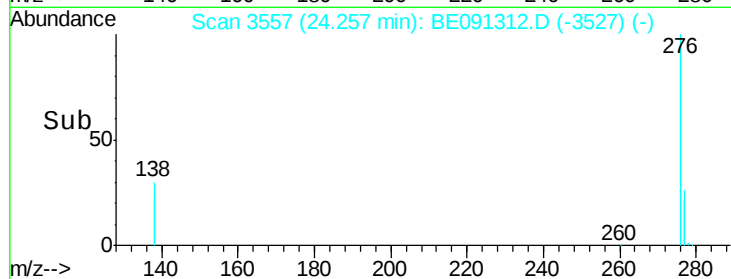
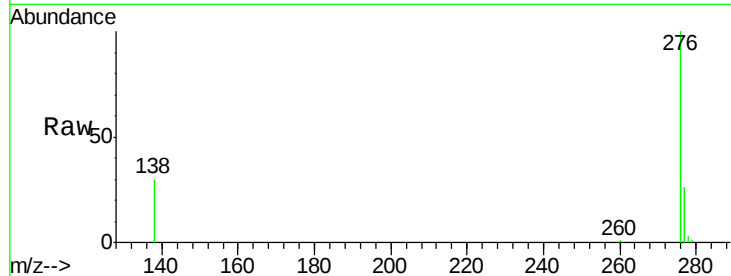
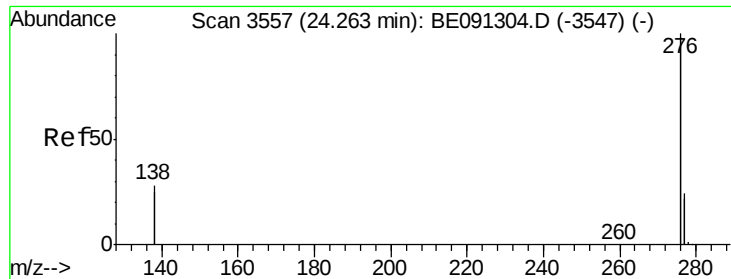
Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Tgt Ion:	276	Resp:	63611
Ion Ratio	Lower	Upper	
276	100		
138	25.6	27.5	41.3#
277	23.8	19.3	28.9





#28

Benzo(a,h,i)perylene

Concen: 0.32 ng/ul

RT: 24.26 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Instrument :

BNA_E

ClientSampleId :

A4J70RXDL

Tot Ion:	276	Resp:	68294
Ion Ratio	Lower	Upper	
276	100		
277	25.9	21.3	31.9
138	29.9	25.5	38.3

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