

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003133.D
 Acq On : 15 Nov 2015 15:34
 Operator : UM/IZ
 Sample : G4401-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC793

Manual Integrations
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 11/16/2015 3:29:33 PM

Quant Time: Nov 16 03:21:19 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 02:34:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	117350	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	513802	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	287108	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	618497	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	629174	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	636671	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8471	3.40	ng/uL	0.00
5) Phenol-d5	6.90	99	161708	17.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	98236	18.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	144458	18.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	136615	18.26	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	68042	21.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	71388	22.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	129630	18.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	174430	18.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	436890	20.23	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	493985	18.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	56682	15.57	ng/ul	0.00
58) Fluorene-d10	15.39	176	366764	19.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	39462	13.78	ng/ul	0.00
71) Anthracene-d10	17.23	188	532629	19.43	ng/ul	0.00
79) Pyrene-d10	19.53	212	541012	17.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	580279	19.18	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.93	94	9934	1.04	ng/ul#	87
45) Dimethylphthalate	13.85	163	330792	15.03	ng/ul	99
70) Phenanthrene	17.18	178	225485	6.44	ng/ul	99
72) Anthracene	17.27	178	107579	3.14	ng/ul	99
77) Fluoranthene	19.20	202	665159	18.78	ng/ul	95
83) Benzo(a)anthracene	21.32	228	369143m	10.68	ng/ul	
85) Chrysene	21.36	228	295269	8.64	ng/ul	97
88) Benzo(b)fluoranthene	22.91	252	373909	10.19	ng/ul	98
89) Benzo(k)fluoranthene	22.95	252	136721m	3.99	ng/ul	
91) Benzo(a)pyrene	23.49	252	292547m	8.43	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.87	276	164814	4.31	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.88	278	45064	1.50	ng/ul	95
94) Benzo(g,h,i)perylene	26.57	276	121140	3.53	ng/ul#	93

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

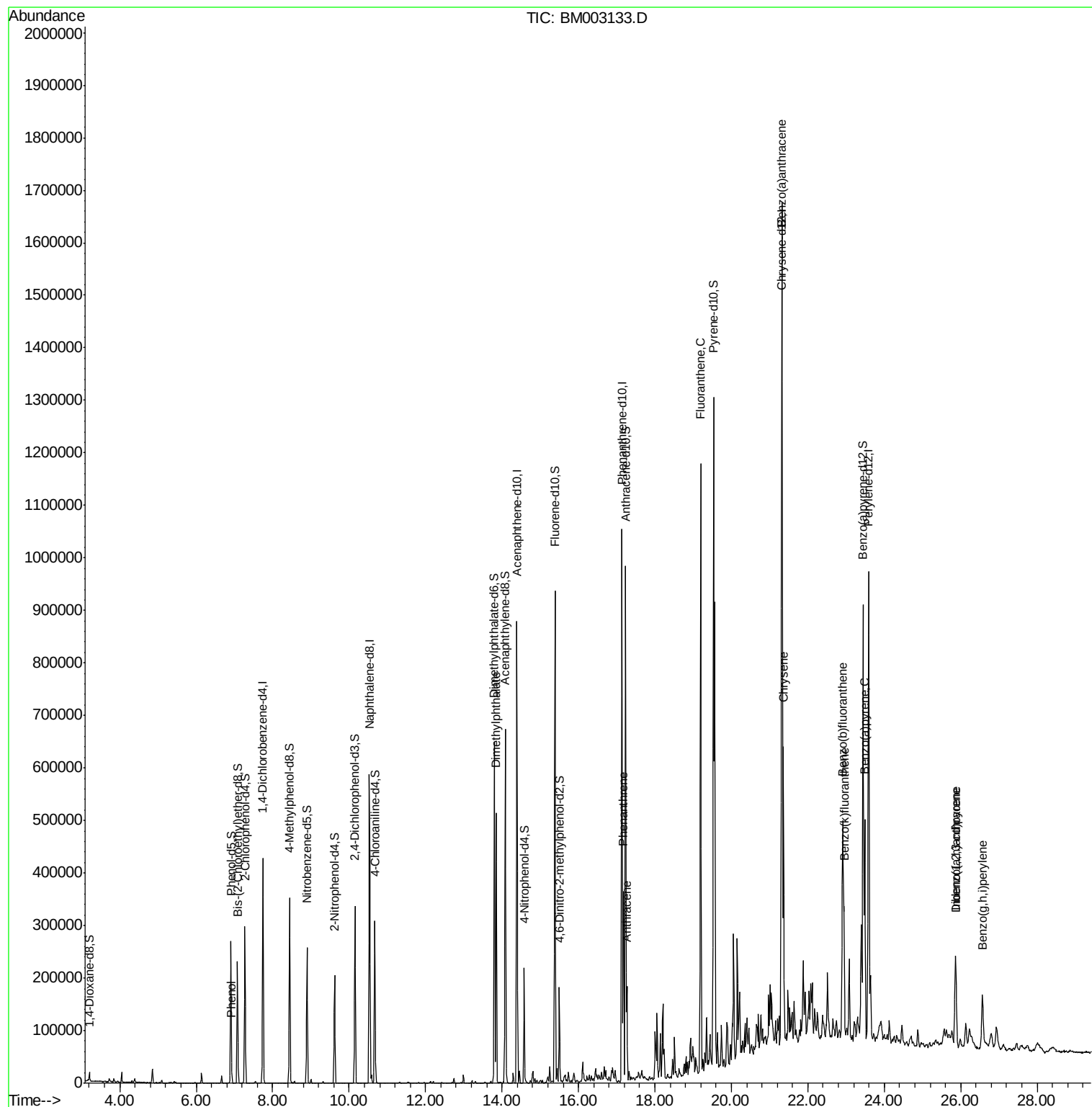
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003133.D
Acq On : 15 Nov 2015 15:34
Operator : UM/IZ
Sample : G4401-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

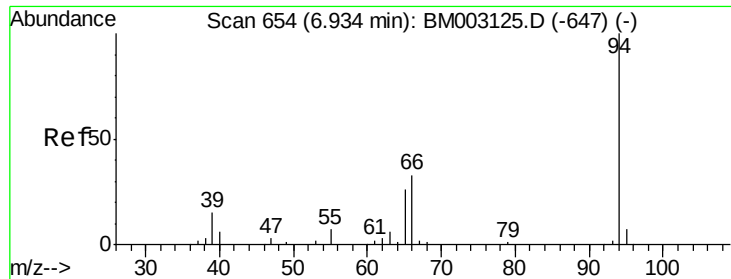
Instrument :
BNA_M
ClientSampleId :
BC793

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Quant Time: Nov 16 03:21:19 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 02:34:54 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.04 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM003133.D

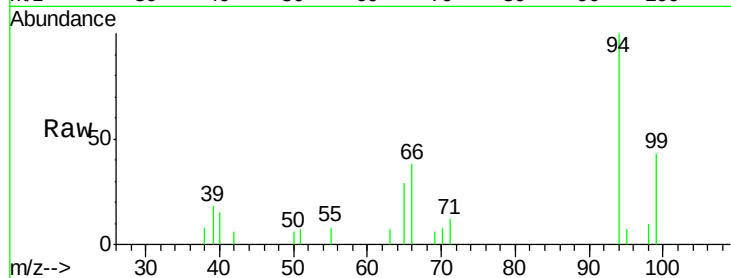
Acq: 15 Nov 2015 15:34

Instrument :

BNA_M

ClientSampleId :

BC793



Tgt Ion: 94 Resp: 9934

Ion Ratio Lower Upper

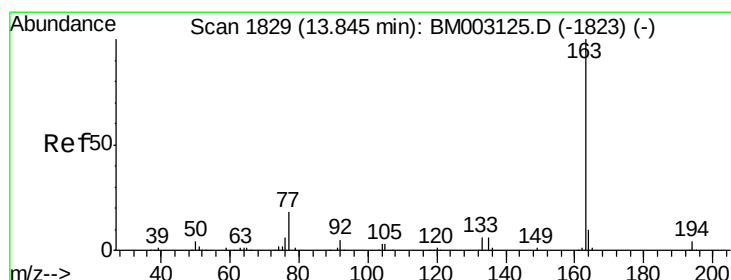
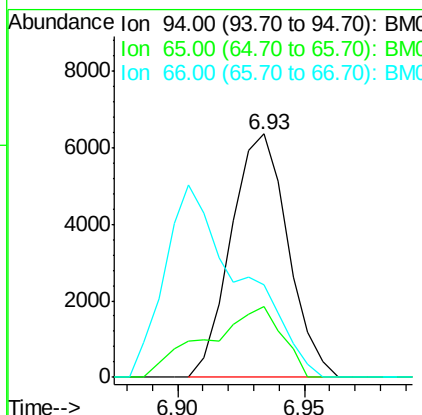
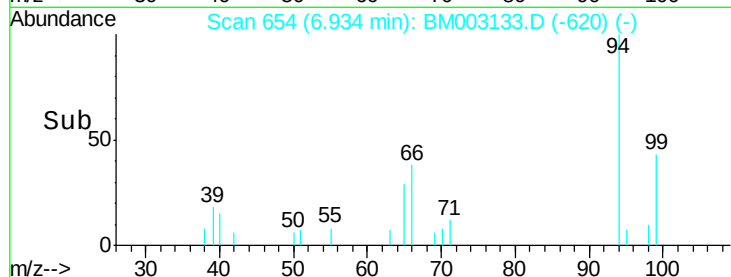
94 100

65 28.9 18.7 28.1#

66 37.9 24.2 36.2#

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#45

Dimethylphthalate

Concen: 15.03 ng/ul

RT: 13.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

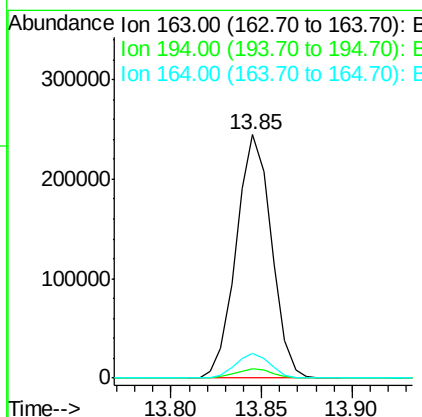
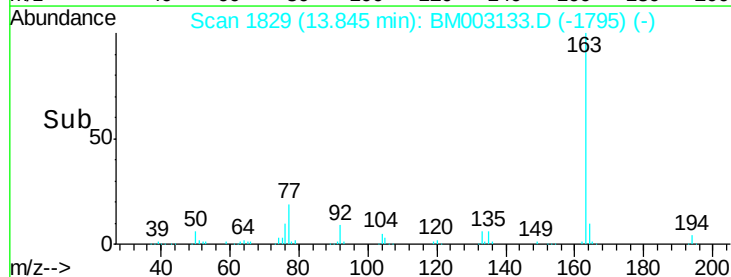
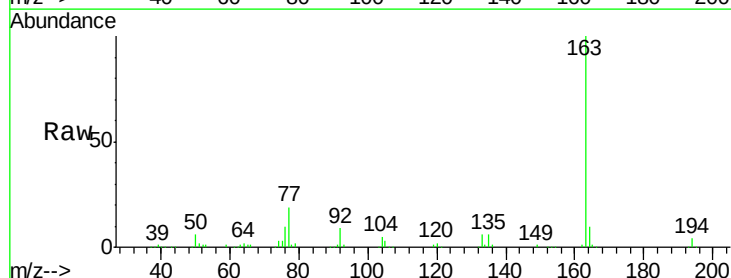
Tgt Ion: 163 Resp: 330792

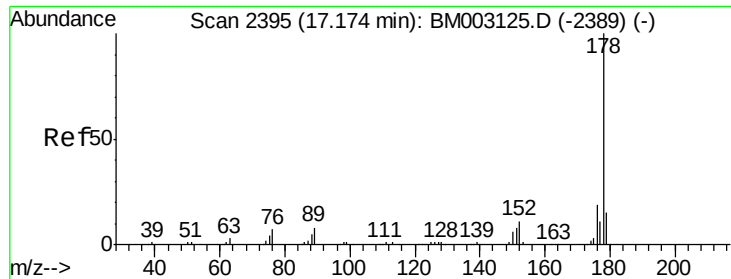
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.1 7.8 11.8





#70

Phenanthrene

Concen: 6.44 ng/ul

RT: 17.18 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

Instrument :

BNA_M

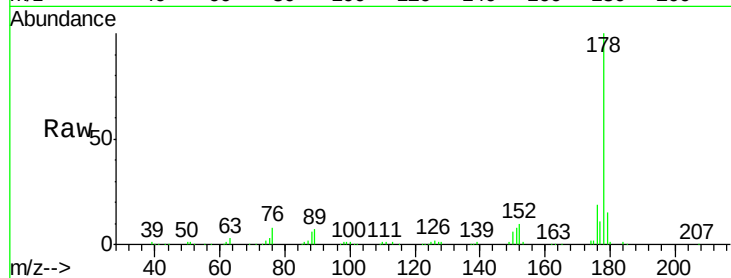
ClientSampleId :

BC793

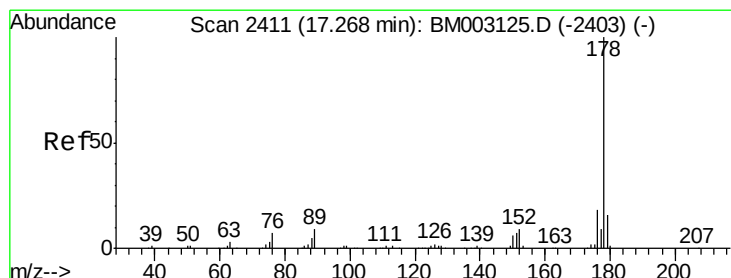
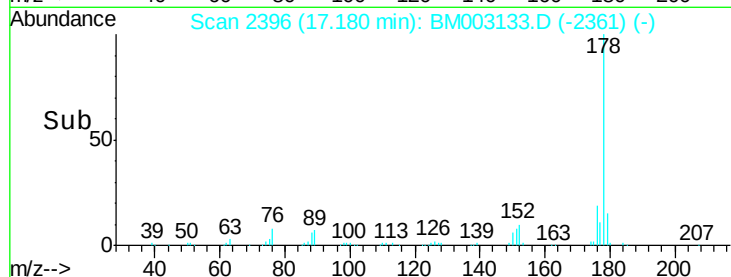
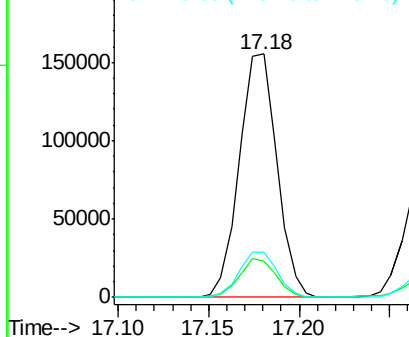
Tgt Ion:	178	Resp:	225485
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.2	18.4
176	18.6	14.7	22.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 3.14 ng/ul

RT: 17.27 min Scan# 2411

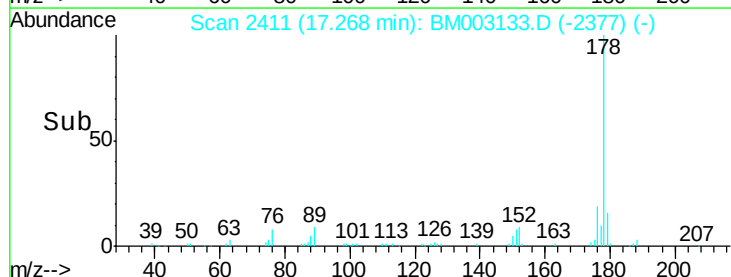
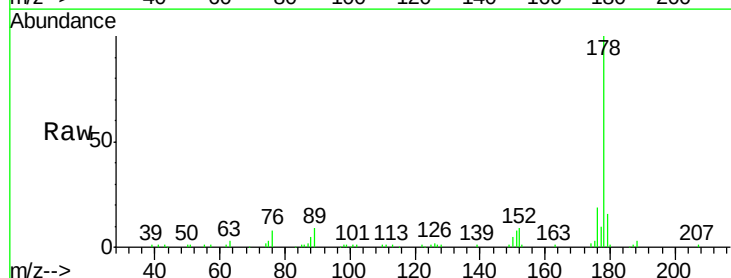
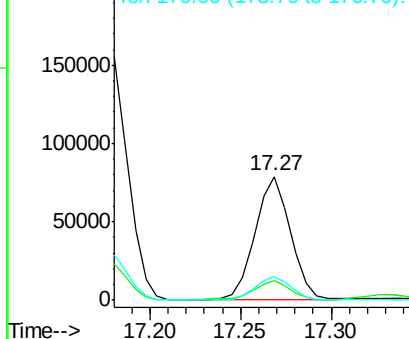
Delta R.T. 0.00 min

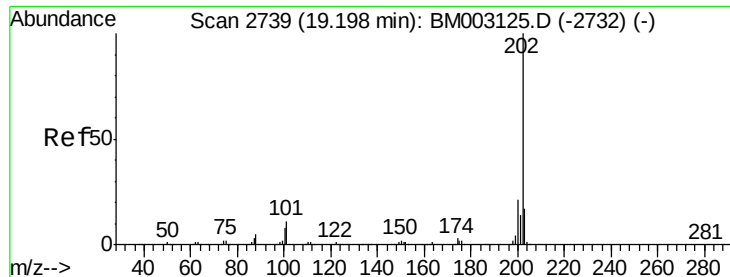
Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

Tgt Ion:	178	Resp:	107579
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	18.7	14.4	21.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





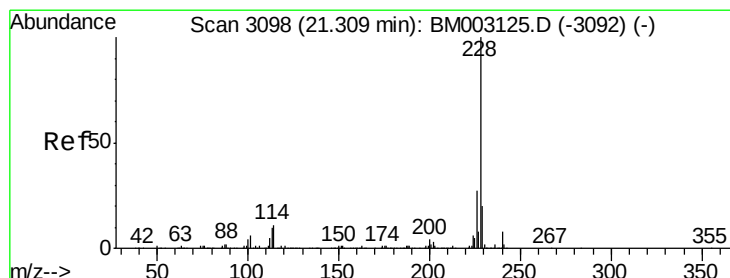
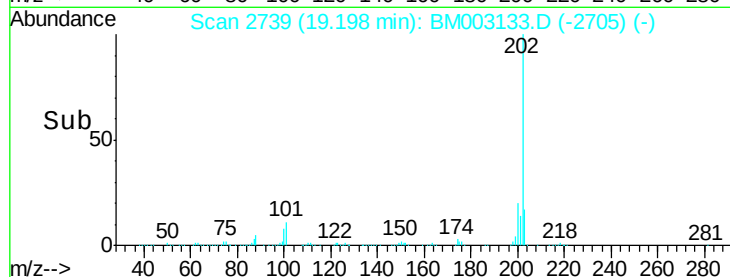
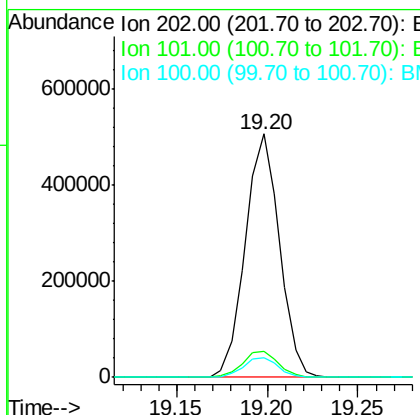
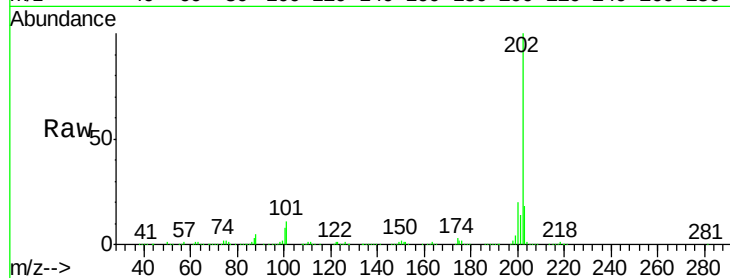
#77
Fluoranthene
Concen: 18.78 ng/ul
RT: 19.20 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BM003133.D
Acq: 15 Nov 2015 15:34

Instrument :
BNA_M
ClientSampleId :
BC793

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	10.4	15.6
100	8.1	7.8	11.6

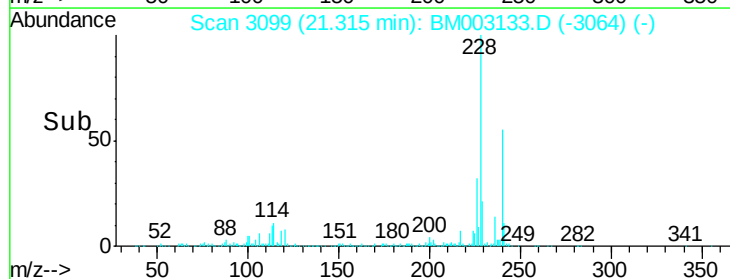
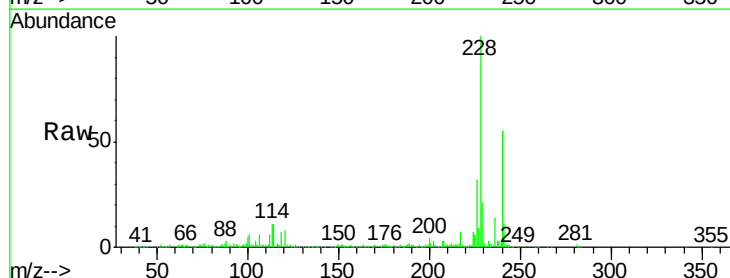
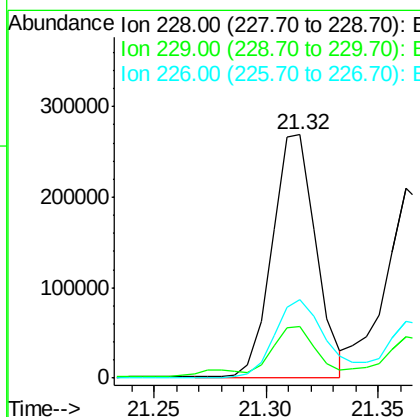
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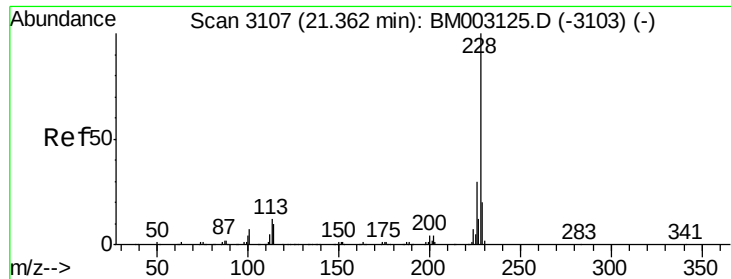
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#83
Benzo(a)anthracene
Concen: 10.68 ng/ul m
RT: 21.32 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM003133.D
Acq: 15 Nov 2015 15:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	15.6	23.4
226	32.4	21.0	31.6#





#85

Chrysene

Concen: 8.64 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

Instrument :

BNA_M

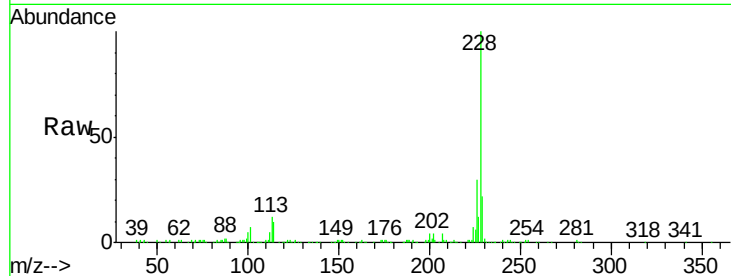
ClientSampleId :

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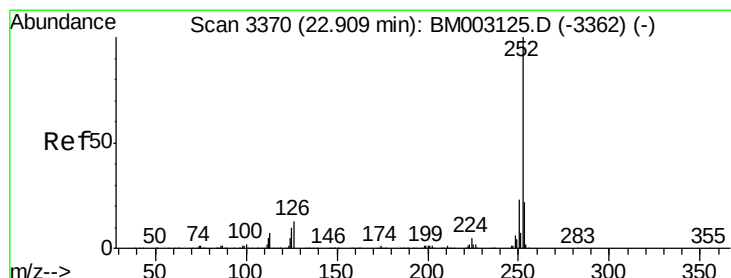
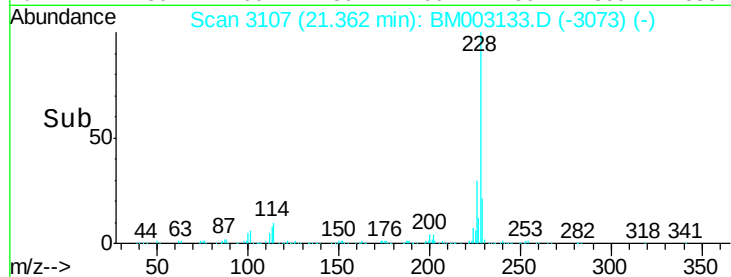
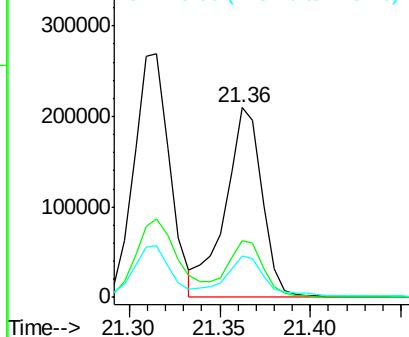
Tgt Ion:	228	Resp:	295269
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.3	34.9
229	22.0	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 10.19 ng/ul

RT: 22.91 min Scan# 3370

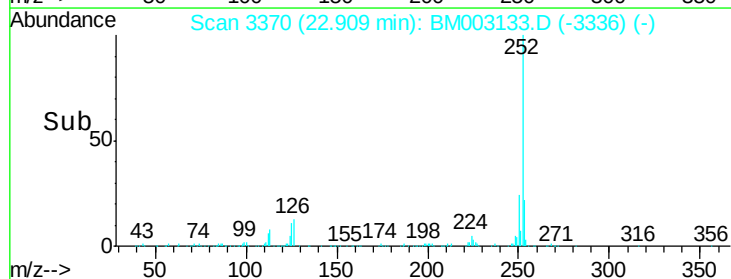
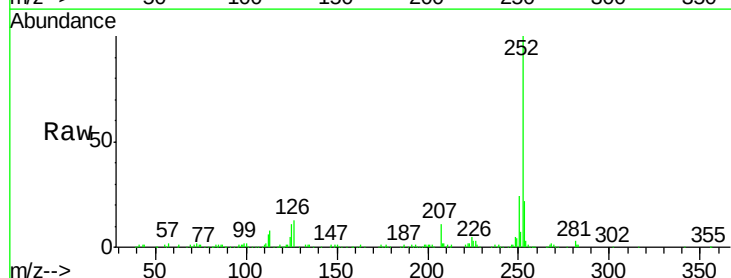
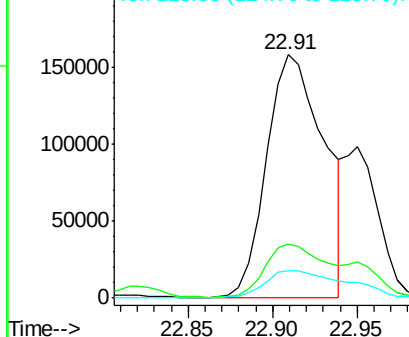
Delta R.T. 0.00 min

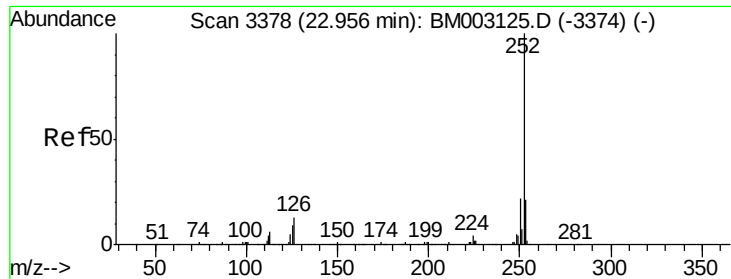
Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

Tgt Ion:	252	Resp:	373909
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	11.4	10.7	16.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





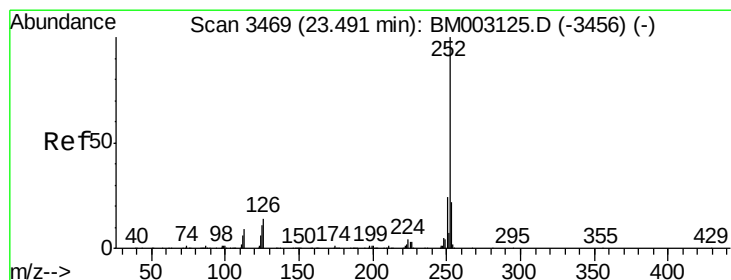
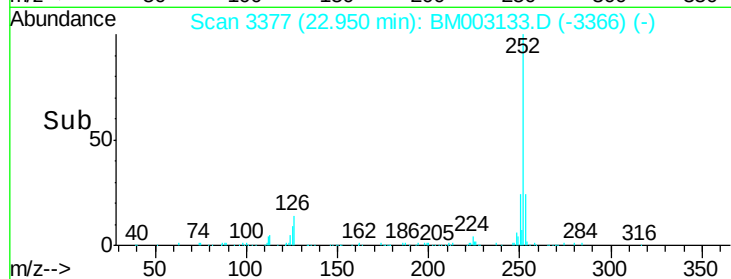
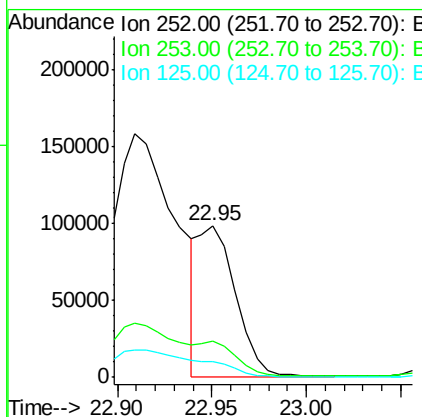
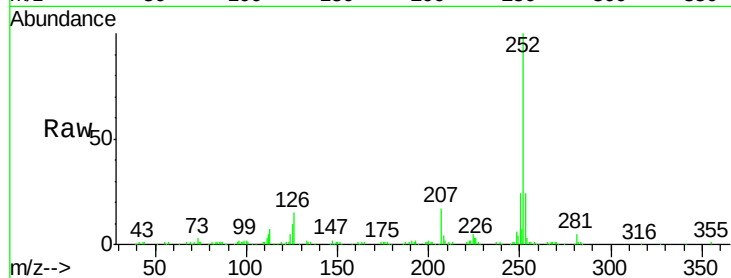
#89
Benzo(k)fluoranthene
Concen: 3.99 ng/ul m
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM003133.D
Acq: 15 Nov 2015 15:34

Instrument :
BNA_M
ClientSampleId :
BC793

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	10.5	11.1	16.7#

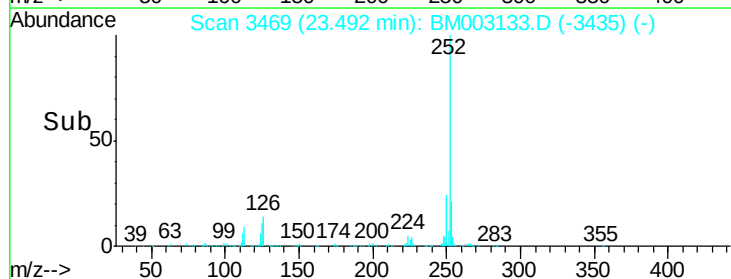
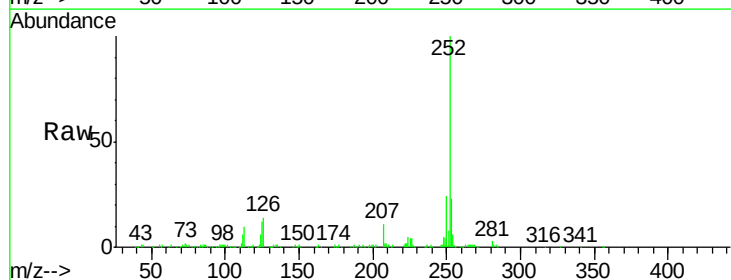
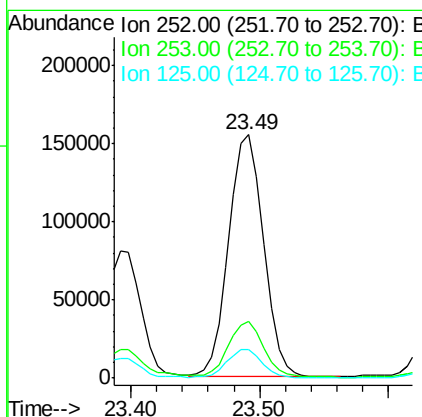
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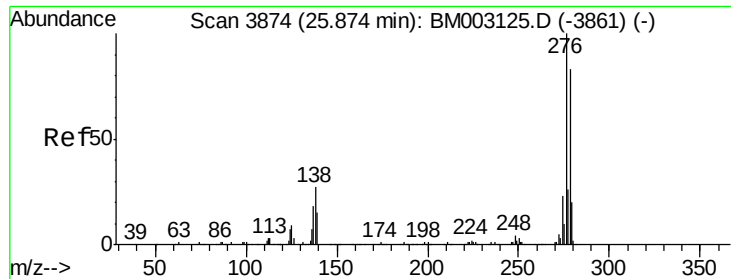
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#91
Benzo(a)pyrene
Concen: 8.43 ng/ul m
RT: 23.49 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BM003133.D
Acq: 15 Nov 2015 15:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.7	11.9	17.9#





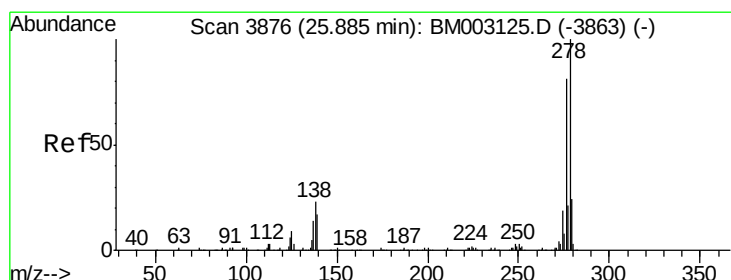
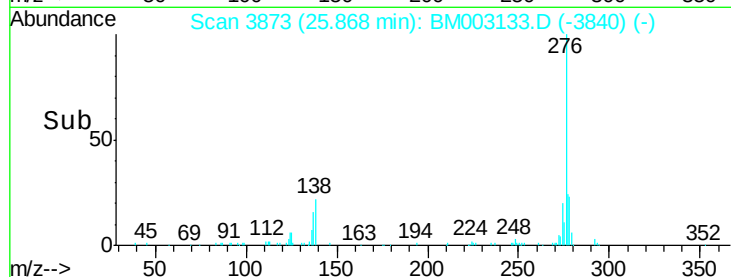
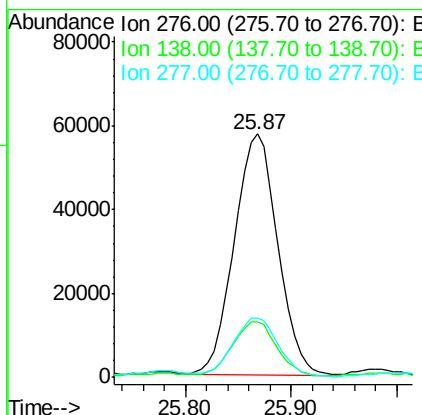
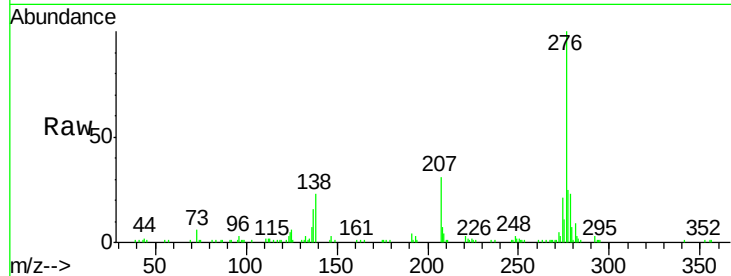
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.31 ng/ul
 RT: 25.87 min Scan# 3873
 Delta R.T. -0.01 min
 Lab File: BM003133.D
 Acq: 15 Nov 2015 15:34

Instrument :
 BNA_M
 ClientSampleId :
 BC793

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	26.6	40.0#
277	24.5	20.2	30.4

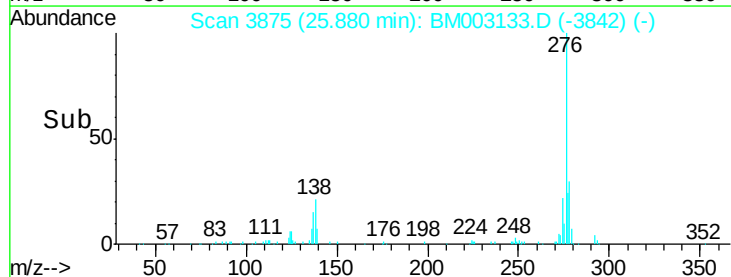
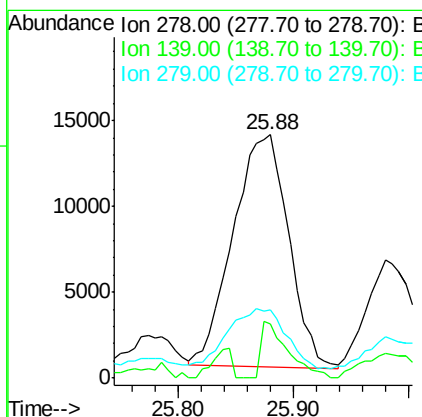
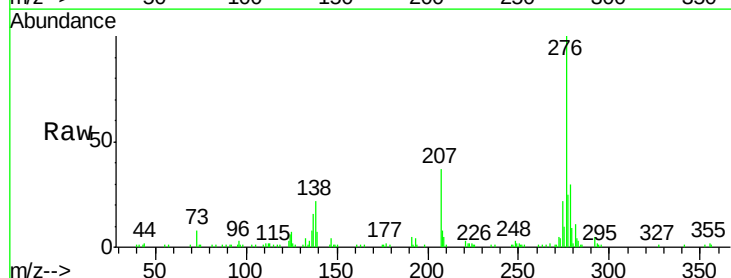
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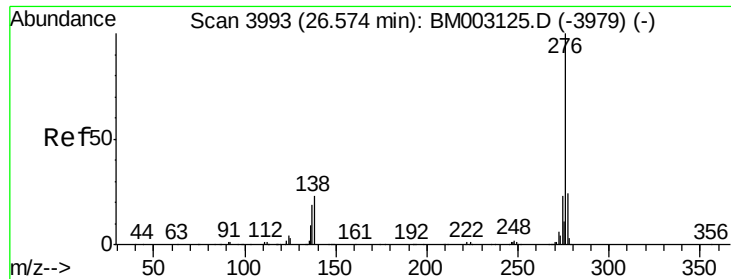
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.50 ng/ul
 RT: 25.88 min Scan# 3875
 Delta R.T. -0.01 min
 Lab File: BM003133.D
 Acq: 15 Nov 2015 15:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	18.8	28.2
279	28.3	19.3	28.9





#94
 Benzo(g,h,i)perylene
 Concen: 3.53 ng/ul
 RT: 26.57 min Scan# 3992
 Delta R.T. -0.01 min
 Lab File: BM003133.D
 Acq: 15 Nov 2015 15:34

Instrument :
 BNA_M
 ClientSampleId :
 BC793

Tgt Ion:	276	Resp:	121140
Ion Ratio		Lower	Upper
276	100		
138	23.3	23.8	35.6#
277	25.1	19.4	29.2

Manual Integrations
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