

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002374.D
 Acq On : 12 Aug 2015 23:11
 Operator : UM/IZ
 Sample : G3163-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D04

Manual Integrations
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 8/13/2015 10:58:19 AM

Quant Time: Aug 13 01:19:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 00:45:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	227825	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	1051741	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	542825	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	966777	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	675980	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	661352	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1077790	19.17	ng/ul	0.00
10) Fluorene-d10	16.46	176	666024	17.03	ng/ul	0.00
14) Anthracene-d10	18.30	188	855368	18.23	ng/ul	0.00
18) Pyrene-d10	20.52	212	850564	25.94	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	797794	22.72	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	15.22	152	94986	1.63	ng/ul	Qvalue 100
13) Phenanthrene	18.24	178	413476	7.43	ng/ul	100
15) Anthracene	18.33	178	92433	1.61	ng/ul	99
16) Fluoranthene	20.19	202	674495	10.95	ng/ul	99
19) Pyrene	20.54	202	556294	12.73	ng/ul	96
20) Benzo(a)anthracene	22.27	228	295102	7.15	ng/ul	97
21) Chrysene	22.33	228	286982m	7.34	ng/ul	
23) Benzo(b)fluoranthene	24.15	252	490572	11.93	ng/ul	98
24) Benzo(k)fluoranthene	24.20	252	169024m	4.28	ng/ul	
26) Benzo(a)pyrene	24.87	252	369486	9.39	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	281289	6.24	ng/ul	94
28) Dibenzo(a,h)anthracene	27.83	278	69690	1.82	ng/ul#	66
29) Benzo(g,h,i)perylene	28.73	276	299791	7.88	ng/ul	96

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

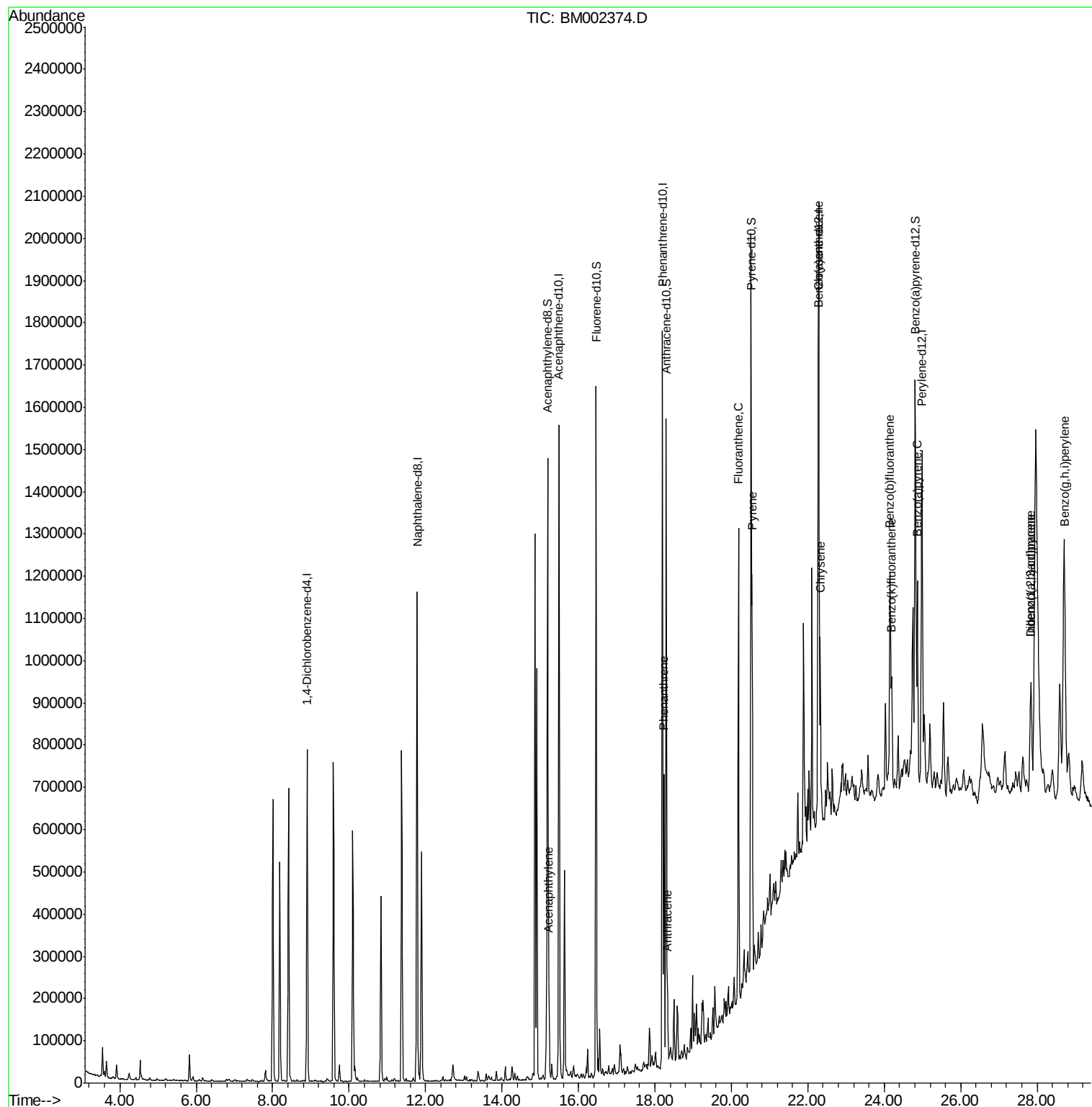
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002374.D
Acq On : 12 Aug 2015 23:11
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Sample : G3163-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

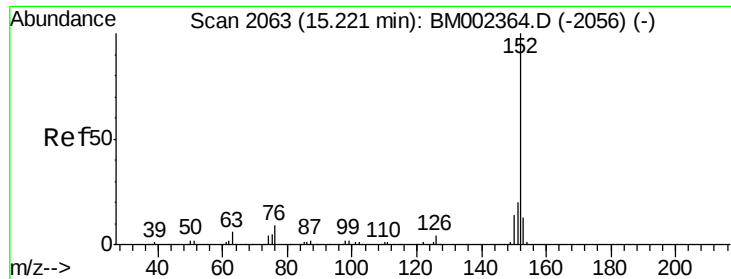
Instrument :
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Quant Time: Aug 13 01:19:46 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.63 ng/ul

RT: 15.22 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BM002374.D

Acq: 12 Aug 2015 23:11

Instrument :

BNA_M

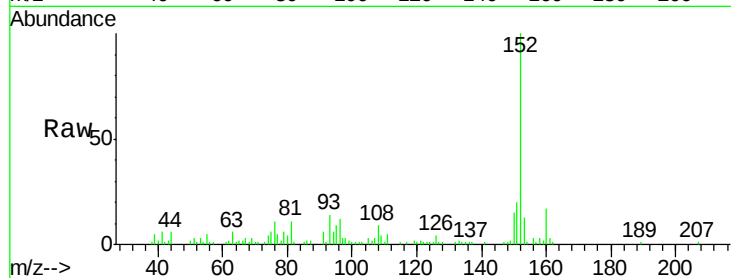
ClientSampleId :

D9D04

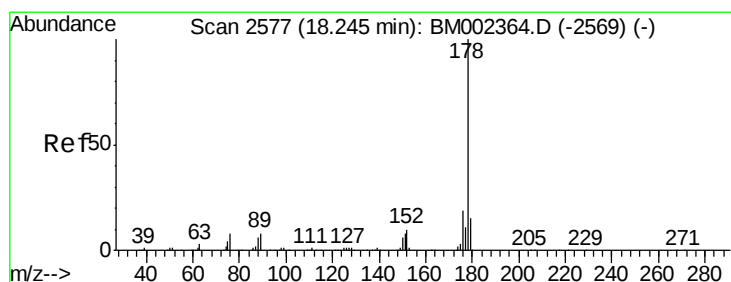
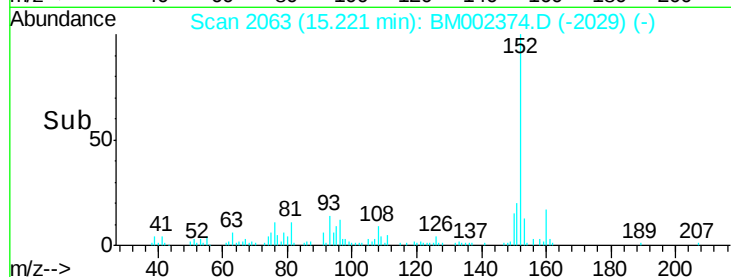
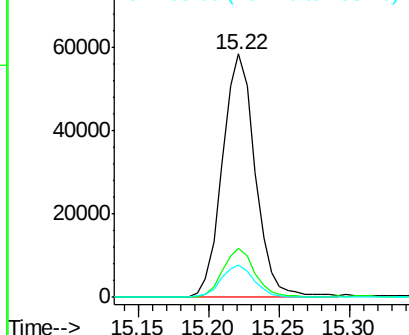
Tgt Ion:	152	Resp:	94986
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.2	10.6	15.8

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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



#13

Phenanthrene

Concen: 7.43 ng/ul

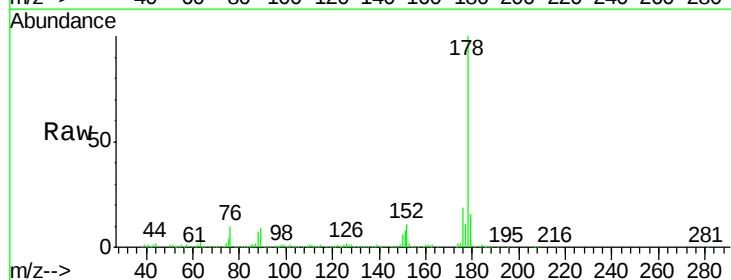
RT: 18.24 min Scan# 2576

Delta R.T. -0.01 min

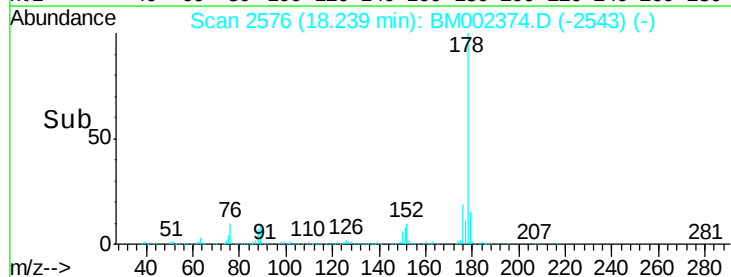
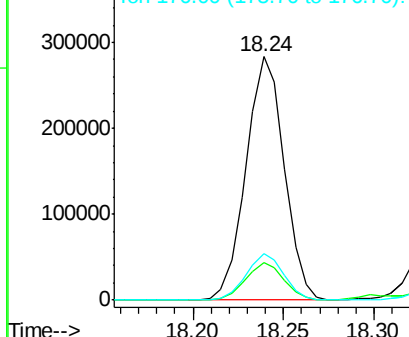
Lab File: BM002374.D

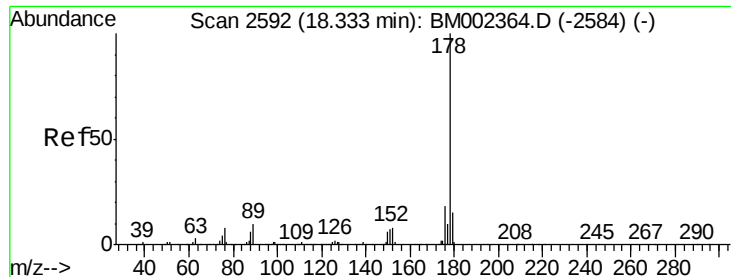
Acq: 12 Aug 2015 23:11

Tgt Ion:	178	Resp:	413476
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	19.0	15.3	22.9



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





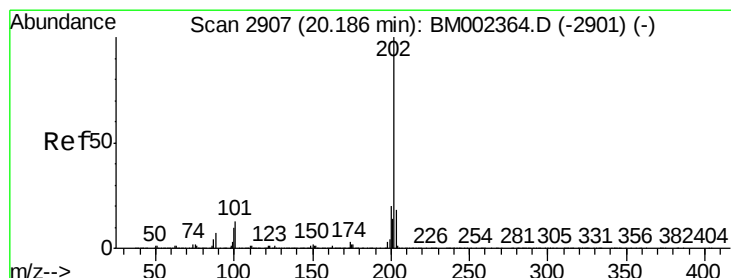
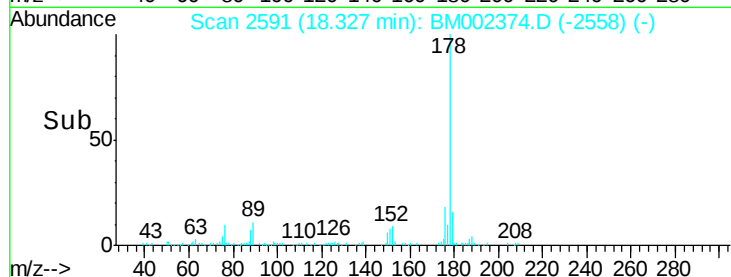
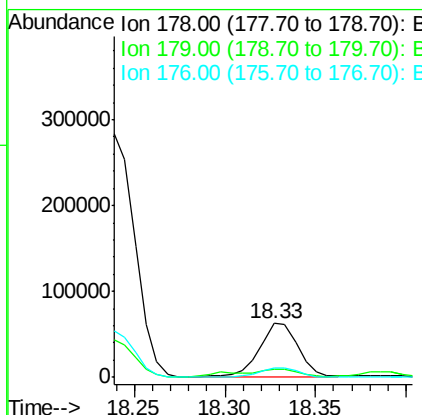
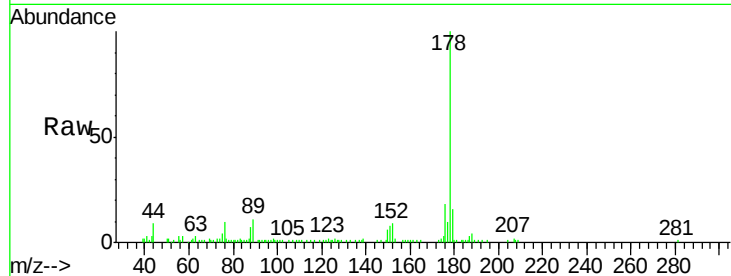
#15
 Anthracene
 Concen: 1.61 ng/ul
 RT: 18.33 min Scan# 2591
 Delta R.T. -0.01 min
 Lab File: BM002374.D
 Acq: 12 Aug 2015 23:11

Instrument :
 BNA_M
 ClientSampleId :
 D9D04

Tgt Ion:	178	Resp:	92433
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	18.3	14.5	21.7

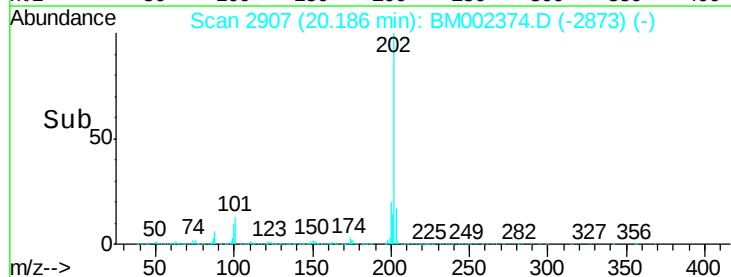
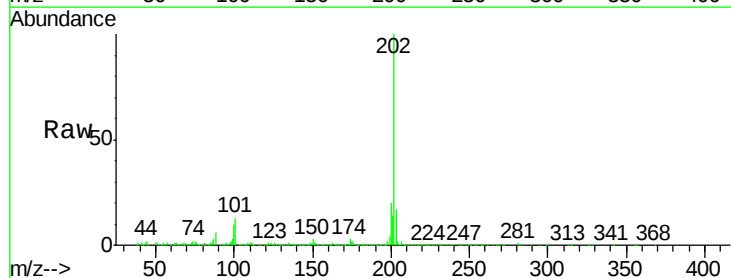
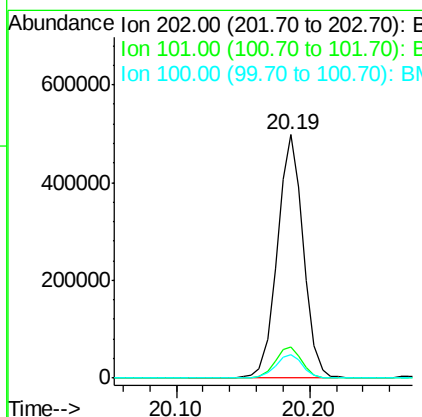
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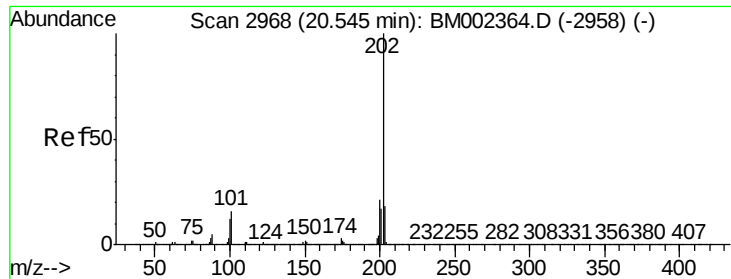
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#16
 Fluoranthene
 Concen: 10.95 ng/ul
 RT: 20.19 min Scan# 2907
 Delta R.T. 0.00 min
 Lab File: BM002374.D
 Acq: 12 Aug 2015 23:11

Tgt Ion:	202	Resp:	674495
Ion Ratio	Lower	Upper	
202	100		
101	12.8	10.6	15.8
100	9.6	8.2	12.4





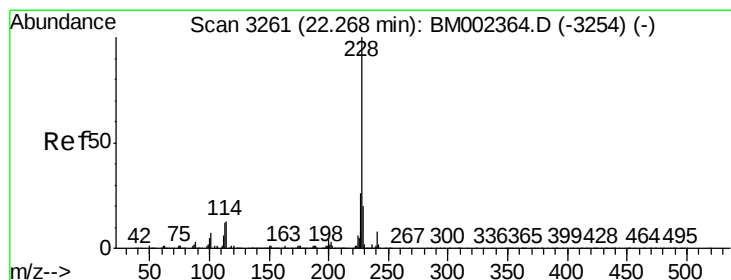
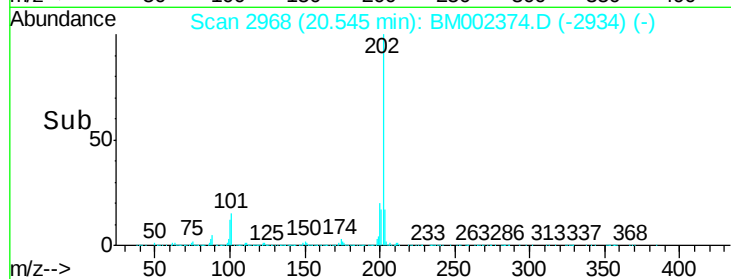
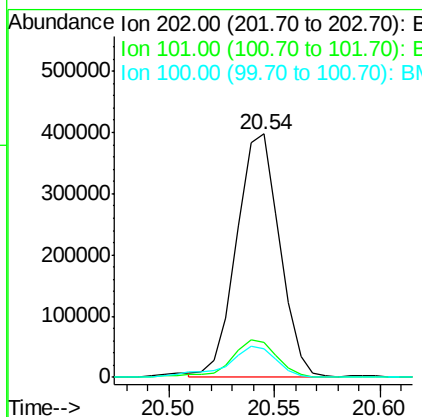
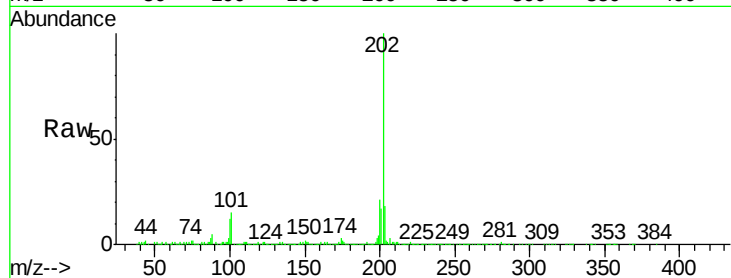
#19
 Pyrene
 Concen: 12.73 ng/ul
 RT: 20.54 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BM002374.D
 Acq: 12 Aug 2015 23:11

Instrument :
 BNA_M
 ClientSampleID :
 D9D04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	556294		
101	14.5	13.0	19.6	
100	11.9	11.0	16.4	

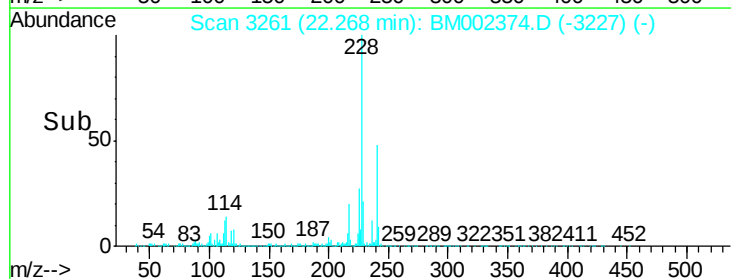
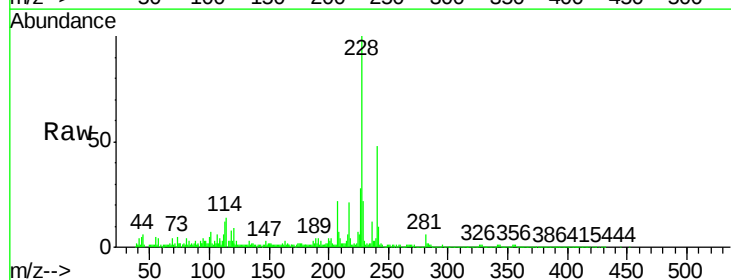
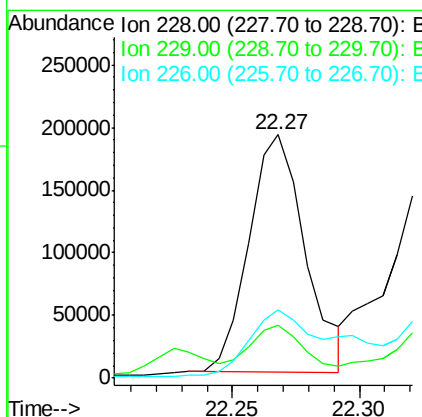
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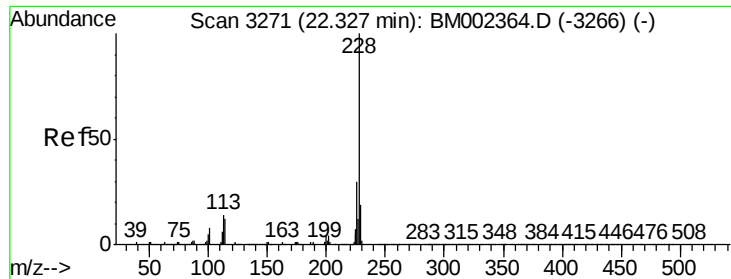
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#20
 Benzo(a)anthracene
 Concen: 7.15 ng/ul
 RT: 22.27 min Scan# 3261
 Delta R.T. 0.00 min
 Lab File: BM002374.D
 Acq: 12 Aug 2015 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	295102		
229	21.8	15.7	23.5	
226	27.8	21.4	32.0	





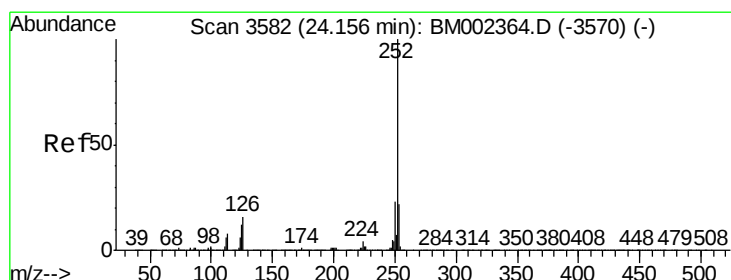
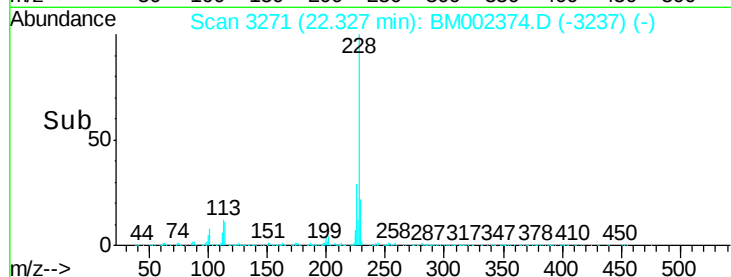
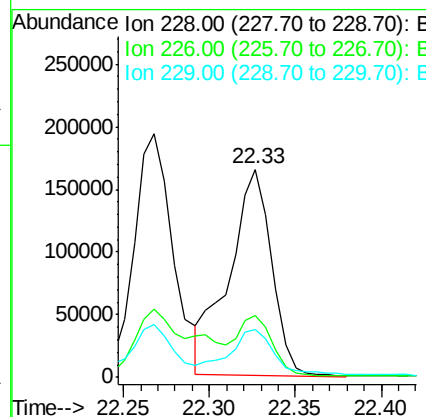
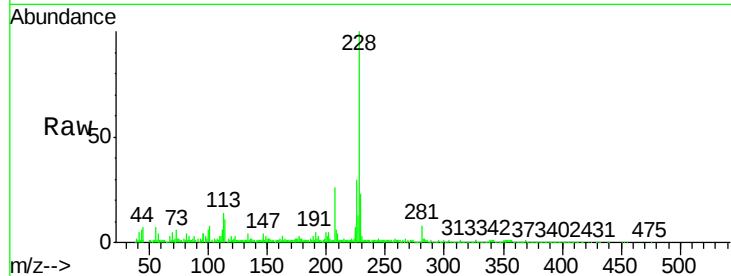
#21
Chrysene
Concen: 7.34 ng/ul m
RT: 22.33 min Scan# 3271
Delta R.T. 0.00 min
Lab File: BM002374.D
Acq: 12 Aug 2015 23:11

Instrument :
BNA_M
ClientSampleId :
D9D04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.7	23.4	35.0
229	23.3	15.5	23.3#

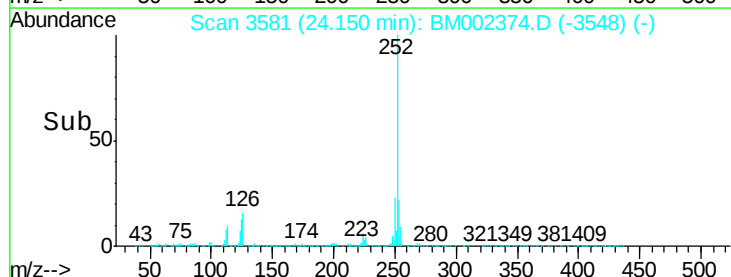
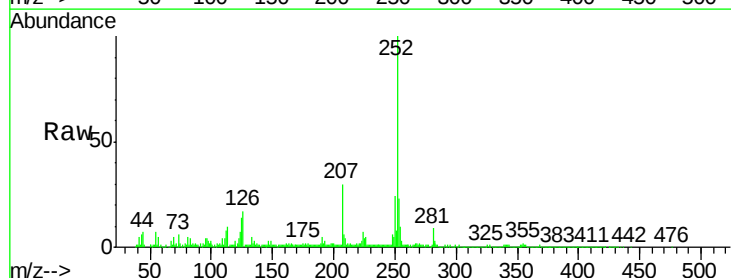
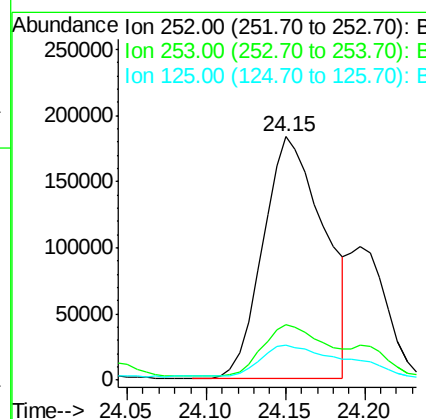
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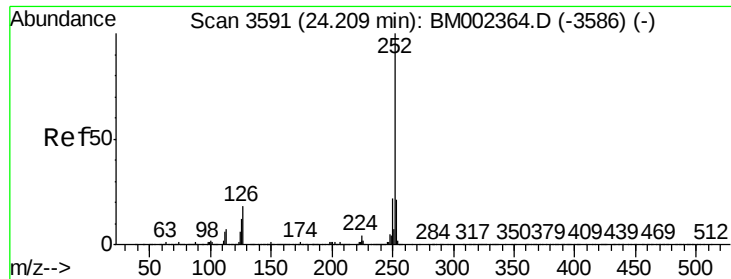
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#23
Benzo(b)fluoranthene
Concen: 11.93 ng/ul
RT: 24.15 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BM002374.D
Acq: 12 Aug 2015 23:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.9	17.9	26.9
125	14.2	10.3	15.5





#24

Benzo(k)fluoranthene

Concen: 4.28 ng/ul m

RT: 24.20 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BM002374.D

Acq: 12 Aug 2015 23:11

Instrument :

BNA_M

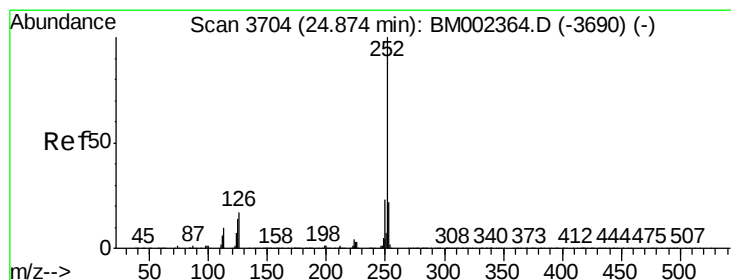
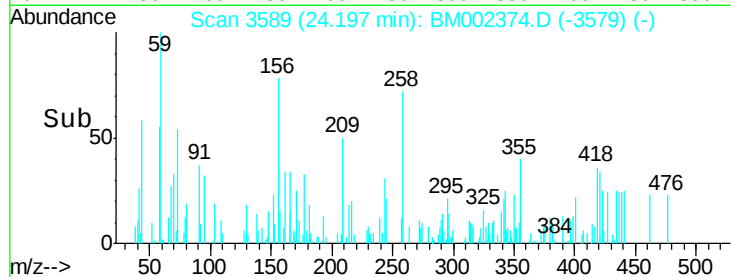
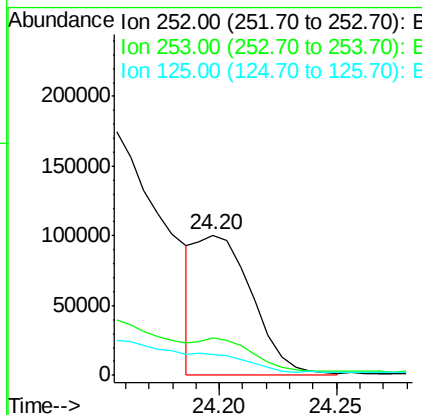
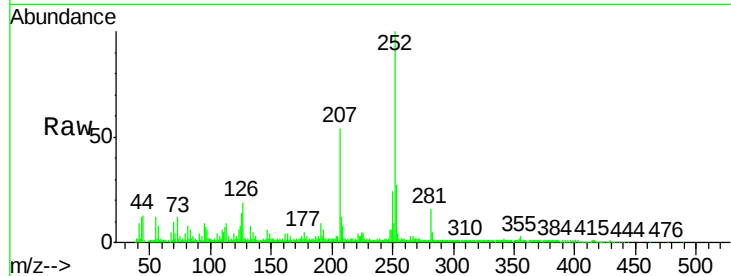
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.3	25.9#
125	14.4	10.2	15.4

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#26

Benzo(a)pyrene

Concen: 9.39 ng/ul

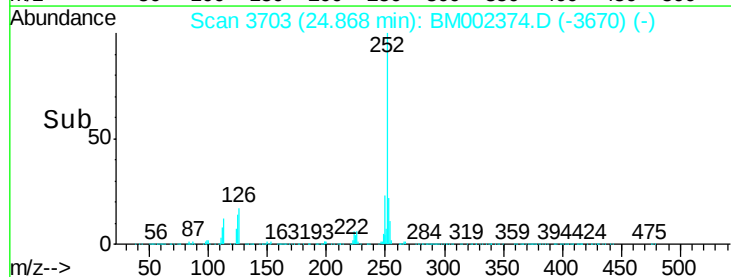
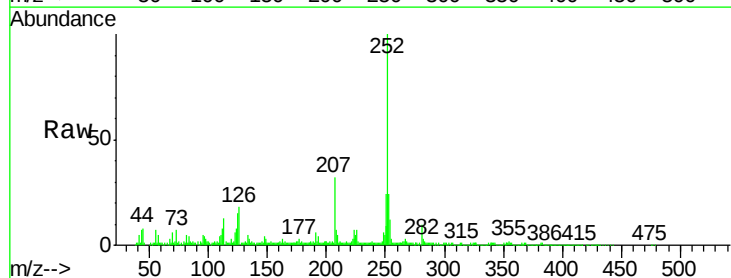
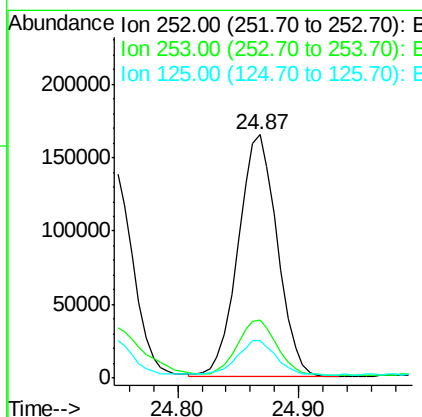
RT: 24.87 min Scan# 3703

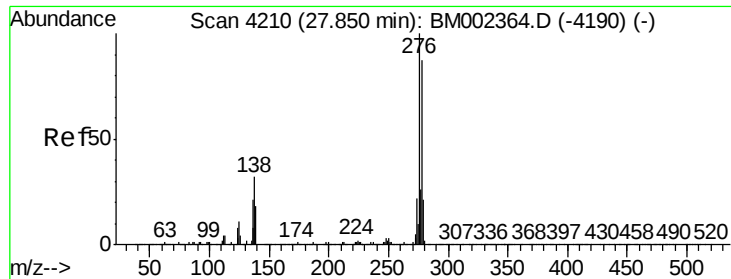
Delta R.T. -0.01 min

Lab File: BM002374.D

Acq: 12 Aug 2015 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	15.4	11.0	16.6





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.24 ng/ul

RT: 27.84 min Scan# 4208

Delta R.T. -0.01 min

Lab File: BM002374.D

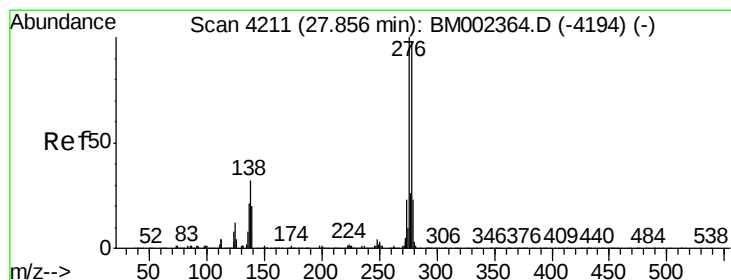
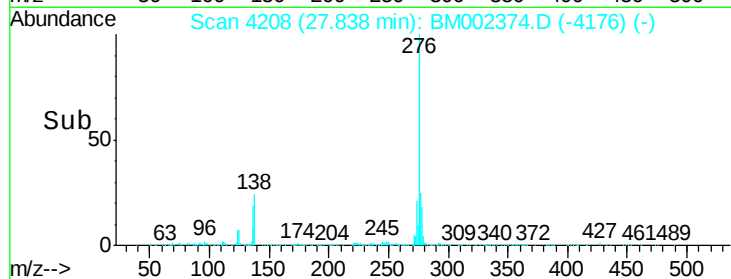
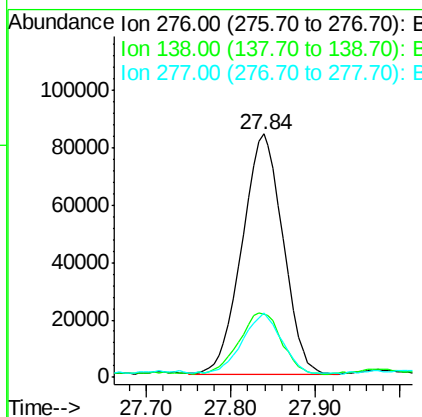
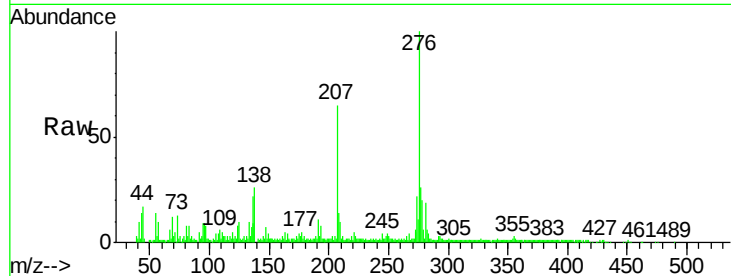
Acq: 12 Aug 2015 23:11

Instrument :
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D9D04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.6	38.4
277	26.5	21.0	31.4

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#28

Dibenzo(a,h)anthracene

Concen: 1.82 ng/ul

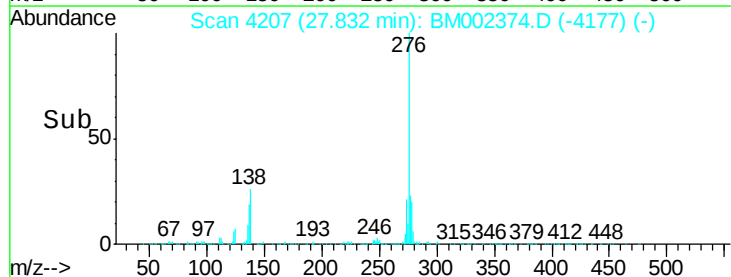
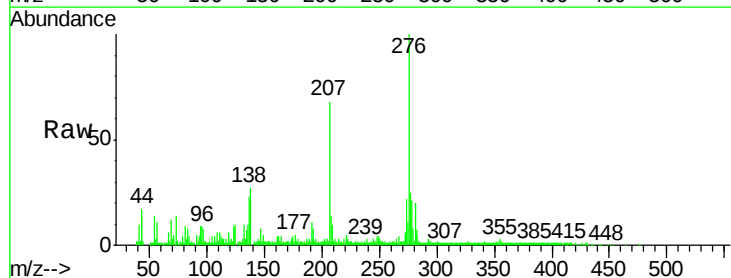
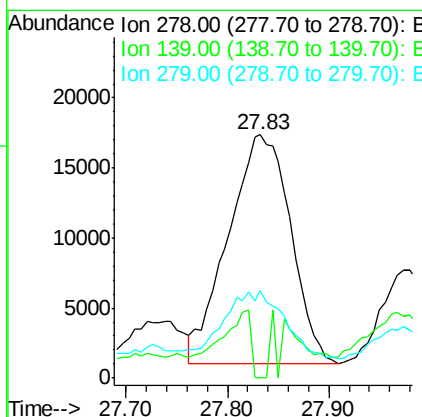
RT: 27.83 min Scan# 4207

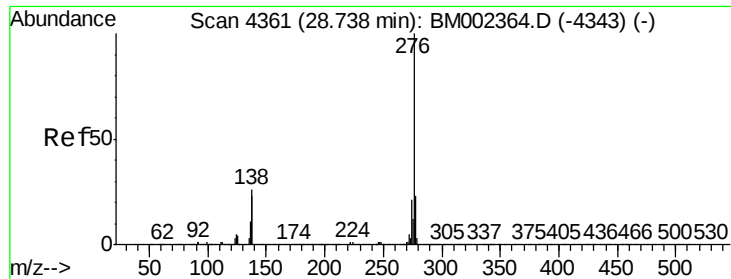
Delta R.T. -0.02 min

Lab File: BM002374.D

Acq: 12 Aug 2015 23:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.4	24.6#
279	36.1	18.8	28.2#





#29

Benzo(g,h,i)perylene

Concen: 7.88 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BM002374.D

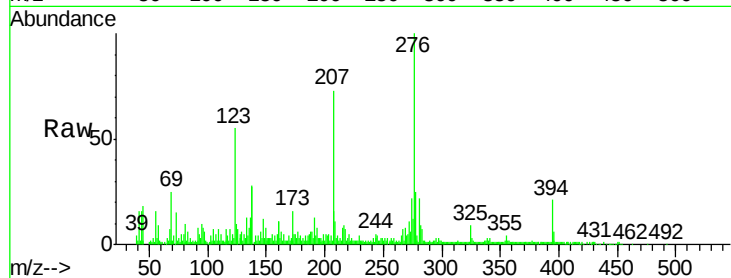
Acq: 12 Aug 2015 23:11

Instrument :

BNA_M

ClientSampleId :

D9D04



Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	20.5	30.7
277	25.4	19.0	28.6

Manual Integrations
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