

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002439.D
 Acq On : 15 Aug 2015 23:53
 Operator : UM/IZ
 Sample : G3194-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DB8

Manual Integrations
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 8/17/2015 2:47:23 PM

Quant Time: Aug 17 07:12:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 05:12:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	216232	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	949592	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	469458	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	841541	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	557089	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	554219	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	868545	18.10	ng/ul	0.00
10) Fluorene-d10	16.42	176	570438	16.92	ng/ul	0.00
14) Anthracene-d10	18.26	188	739639	18.22	ng/ul	0.00
18) Pyrene-d10	20.47	212	588223	23.82	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	511191	17.56	ng/ul	0.02
Target Compounds						
3) Naphthalene	11.80	128	48797	1.01	ng/ul	Qvalue 98
4) 2-Methylnaphthalene	13.33	142	41893	1.15	ng/ul	100
13) Phenanthrene	18.20	178	211754	4.36	ng/ul	99
16) Fluoranthene	20.14	202	420287	7.64	ng/ul	100
19) Pyrene	20.50	202	367150	11.25	ng/ul	98
20) Benzo(a)anthracene	22.22	228	294662	8.85	ng/ul	98
21) Chrysene	22.28	228	387728	12.44	ng/ul	96
23) Benzo(b)fluoranthene	24.09	252	728511	21.74	ng/ul	98
24) Benzo(k)fluoranthene	24.13	252	190836m	6.01	ng/ul	
26) Benzo(a)pyrene	24.79	252	399800	12.49	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.74	276	381520	10.37	ng/ul	95
28) Dibenzo(a,h)anthracene	27.73	278	124916	4.06	ng/ul#	93
29) Benzo(g,h,i)perylene	28.62	276	365280	11.92	ng/ul	98

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

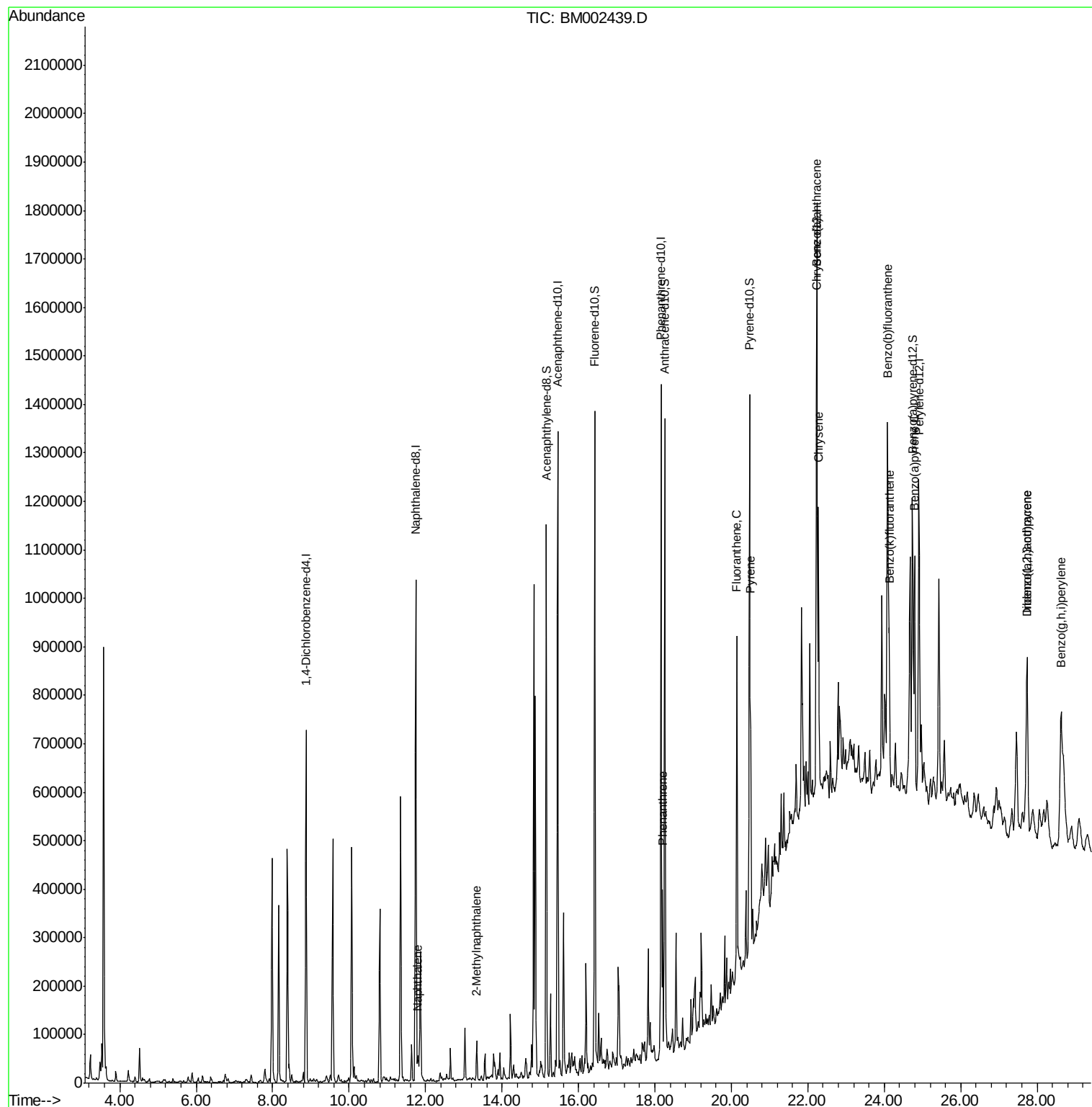
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002439.D
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ALS Vial : 45 Sample Multiplier: 1

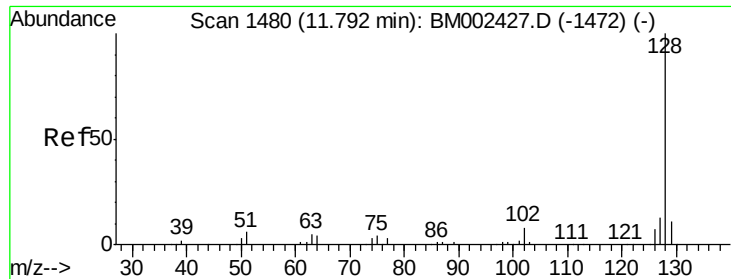
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Quant Time: Aug 17 07:12:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.01 ng/ul

RT: 11.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BM002439.D

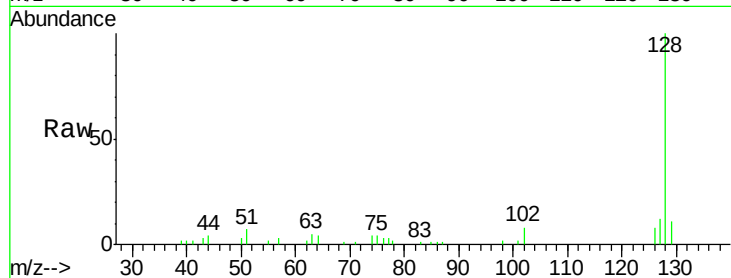
Acq: 15 Aug 2015 23:53

Instrument :

BNA_M

ClientSampleId :

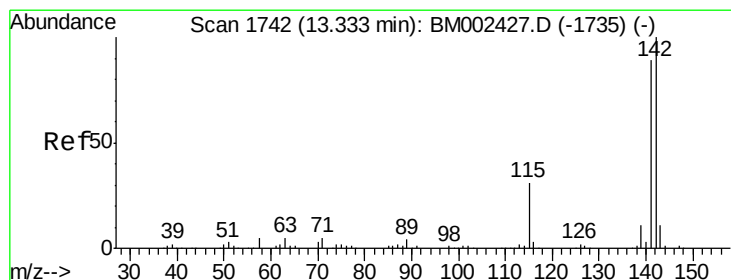
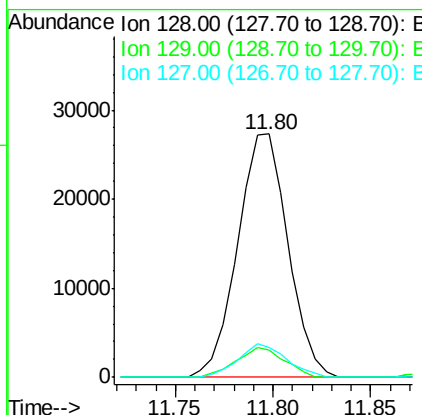
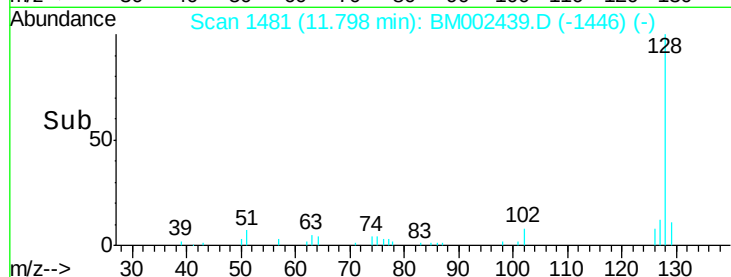
D9DB8



Tgt Ion:	128	Resp:	48797
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	12.4	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 1.15 ng/ul

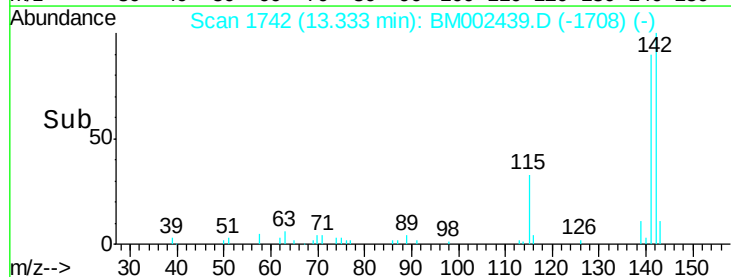
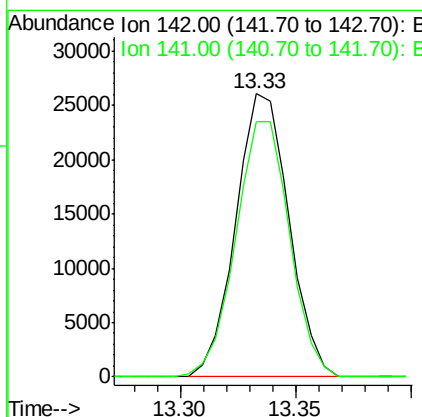
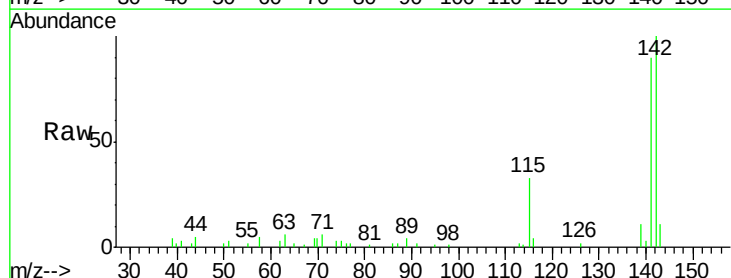
RT: 13.33 min Scan# 1742

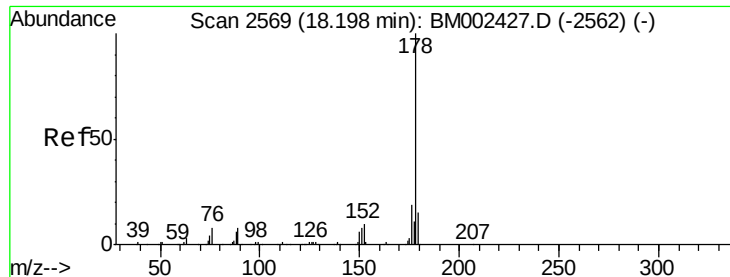
Delta R.T. -0.00 min

Lab File: BM002439.D

Acq: 15 Aug 2015 23:53

Tgt Ion:	142	Resp:	41893
Ion Ratio	Lower	Upper	
142	100		
141	90.1	72.2	108.2





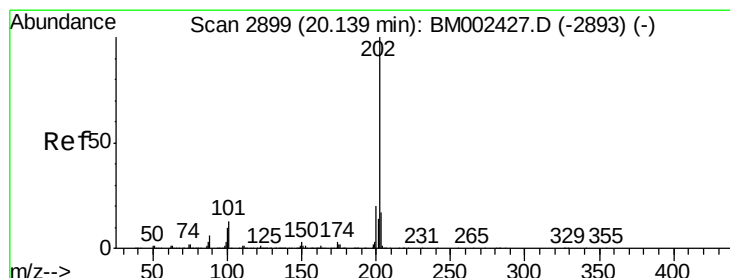
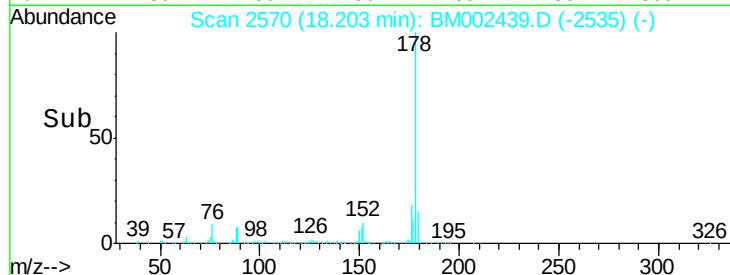
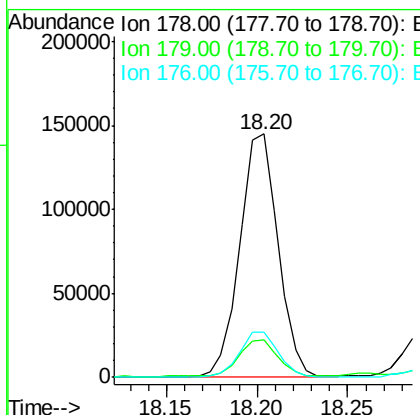
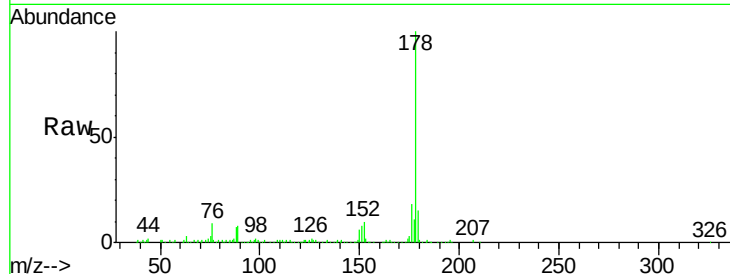
#13
Phenanthrene
Concen: 4.36 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BM002439.D
Acq: 15 Aug 2015 23:53

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	211754		
179	15.3	12.4	18.6	
176	18.3	15.1	22.7	

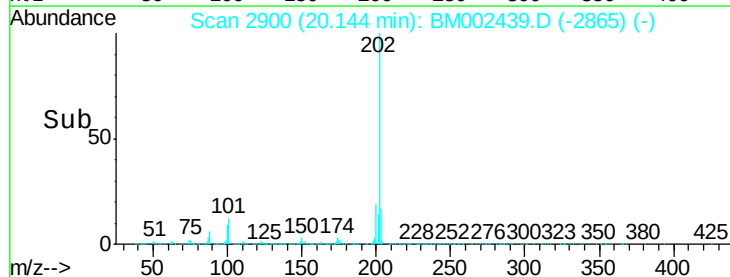
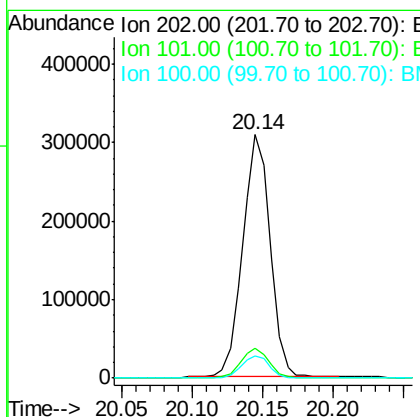
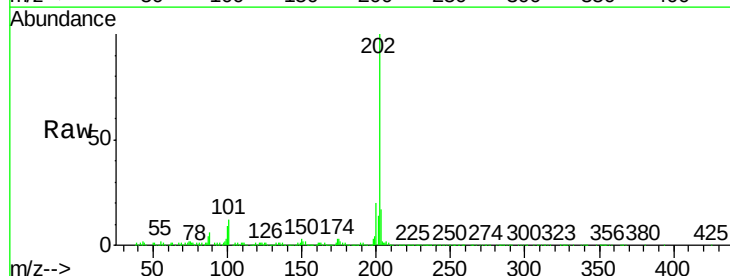
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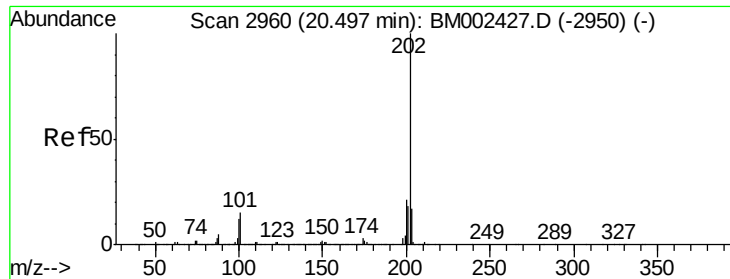
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#16
Fluoranthene
Concen: 7.64 ng/ul
RT: 20.14 min Scan# 2900
Delta R.T. 0.01 min
Lab File: BM002439.D
Acq: 15 Aug 2015 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	420287		
101	12.1	9.7	14.5	
100	9.3	7.4	11.2	





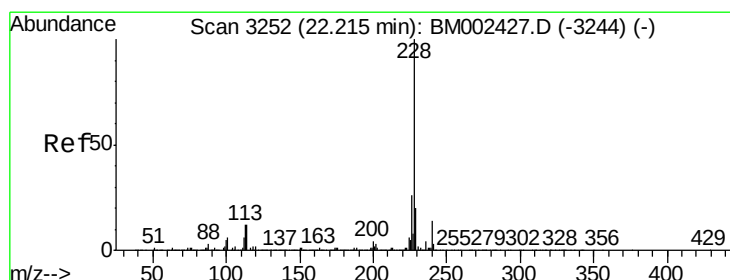
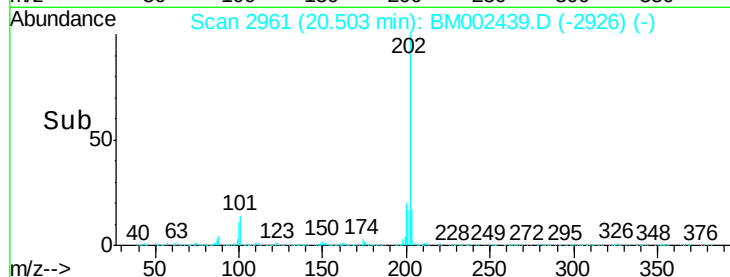
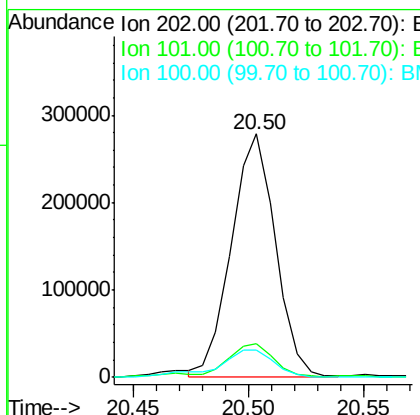
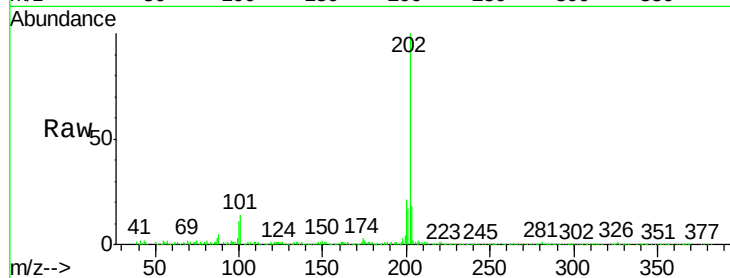
#19
 Pyrene
 Concen: 11.25 ng/ul
 RT: 20.50 min Scan# 2961
 Delta R.T. 0.01 min
 Lab File: BM002439.D
 Acq: 15 Aug 2015 23:53

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	12.0	18.0
100	11.4	9.7	14.5

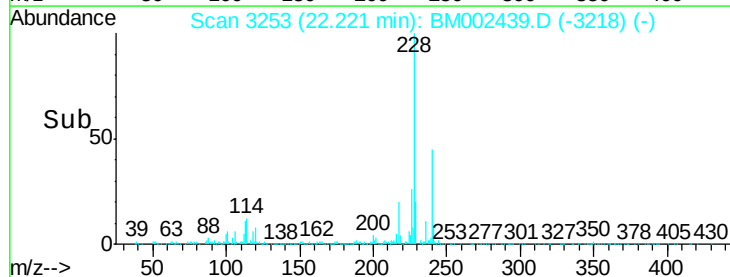
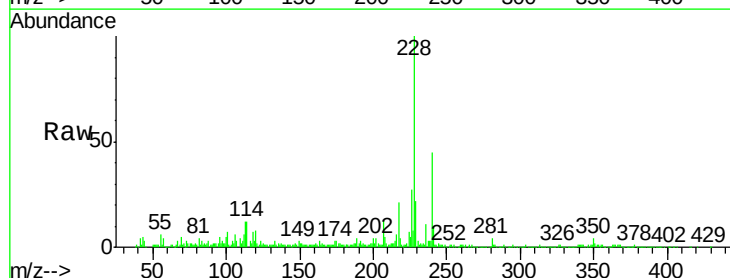
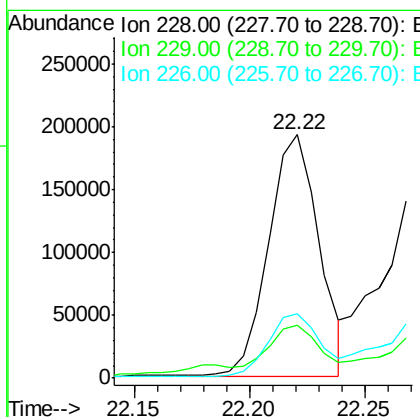
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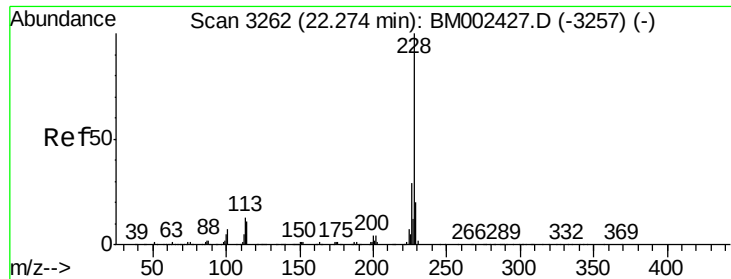
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#20
 Benzo(a)anthracene
 Concen: 8.85 ng/ul
 RT: 22.22 min Scan# 3253
 Delta R.T. 0.01 min
 Lab File: BM002439.D
 Acq: 15 Aug 2015 23:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.6	15.8	23.6
226	26.6	21.1	31.7





#21

Chrysene

Concen: 12.44 ng/ul

RT: 22.28 min Scan# 3263

Delta R.T. 0.01 min

Lab File: BM002439.D

Acq: 15 Aug 2015 23:53

Instrument :

BNA_M

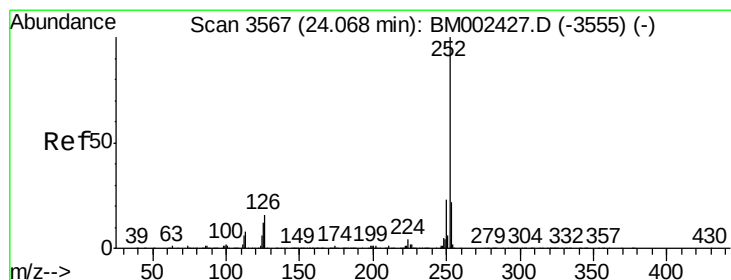
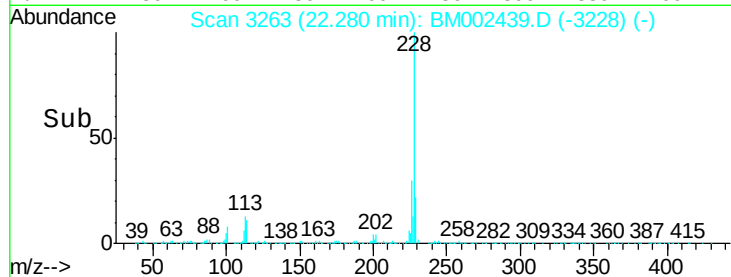
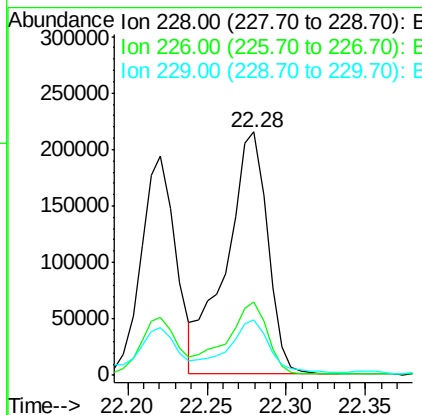
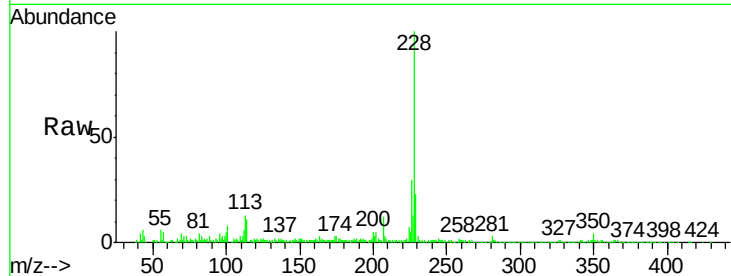
ClientSampleId :

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Tgt Ion:	228	Resp:	387728
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.2
229	22.7	15.7	23.5

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#23

Benzo(b)fluoranthene

Concen: 21.74 ng/ul

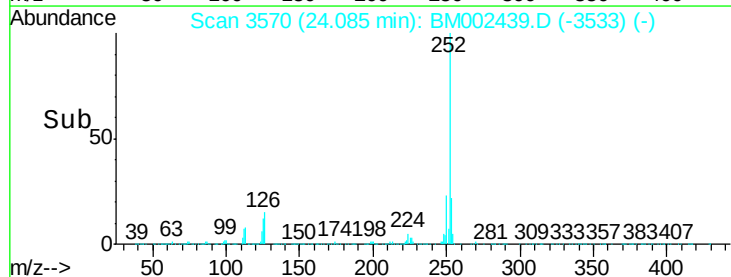
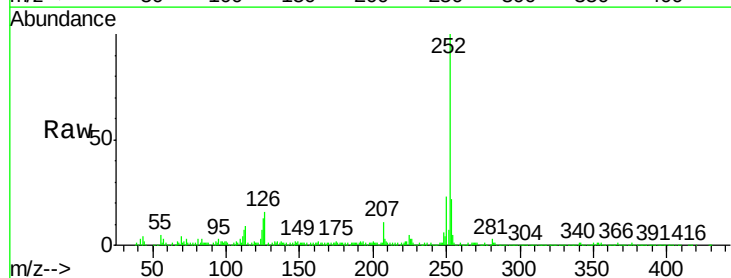
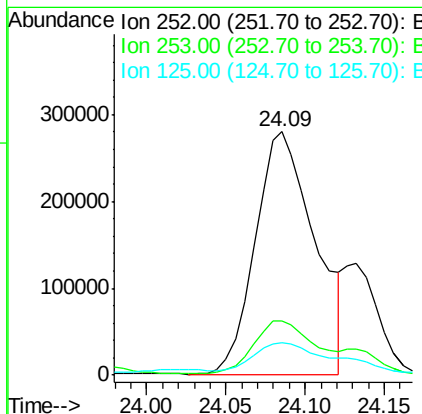
RT: 24.09 min Scan# 3570

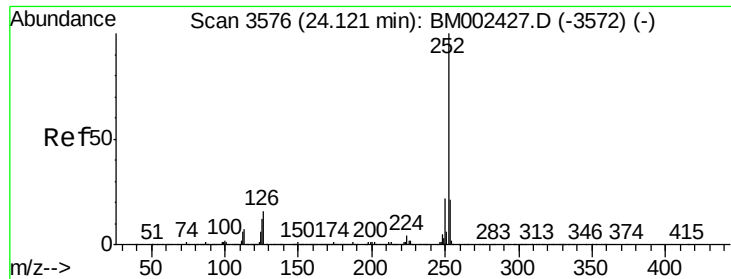
Delta R.T. 0.02 min

Lab File: BM002439.D

Acq: 15 Aug 2015 23:53

Tgt Ion:	252	Resp:	728511
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	13.5	10.0	15.0





#24

Benzo(k)fluoranthene

Concen: 6.01 ng/ul m

RT: 24.13 min Scan# 3578

Delta R.T. 0.01 min

Lab File: BM002439.D

Acq: 15 Aug 2015 23:53

Instrument :

BNA_M

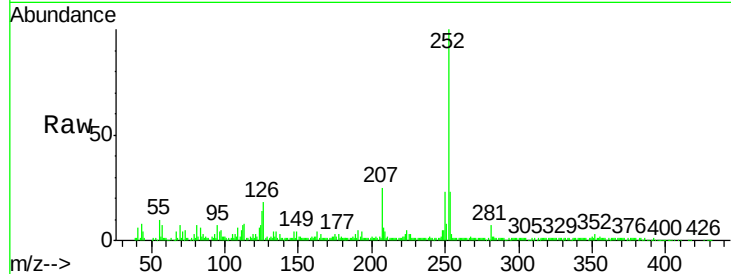
ClientSampleId :

D9DB8

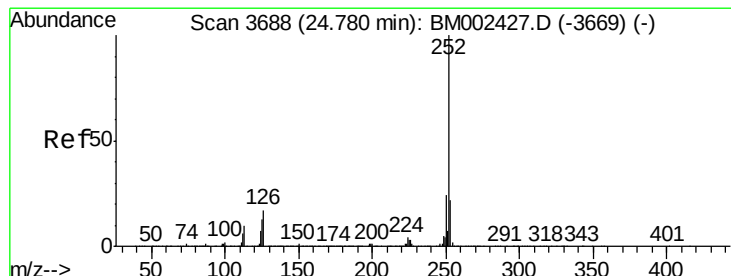
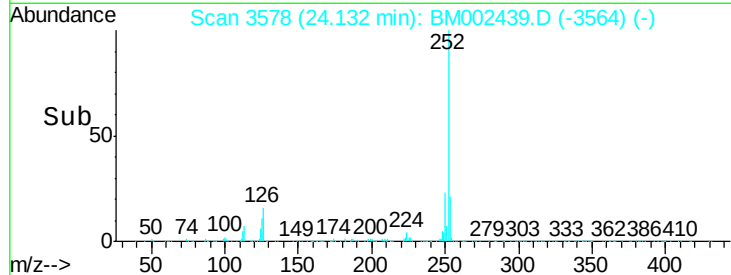
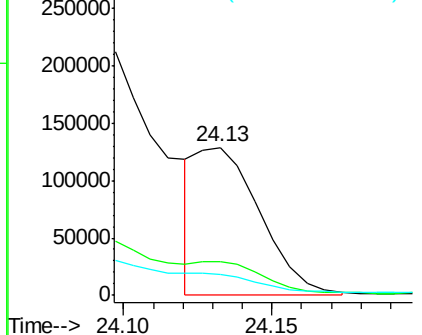
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	190836		
253	22.7	17.8	26.6	
125	14.2	9.8	14.8	

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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



#26

Benzo(a)pyrene

Concen: 12.49 ng/ul

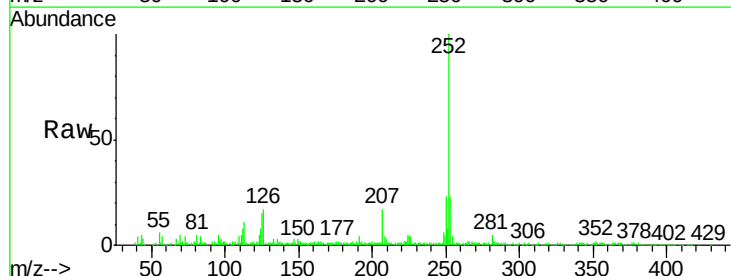
RT: 24.79 min Scan# 3690

Delta R.T. 0.01 min

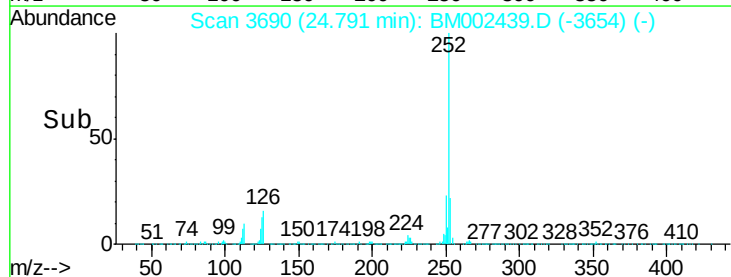
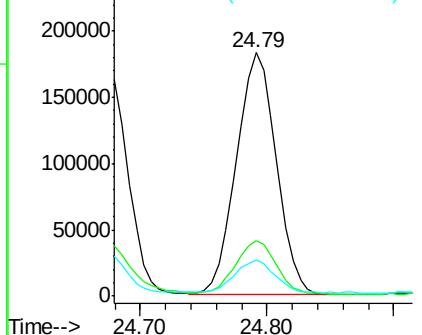
Lab File: BM002439.D

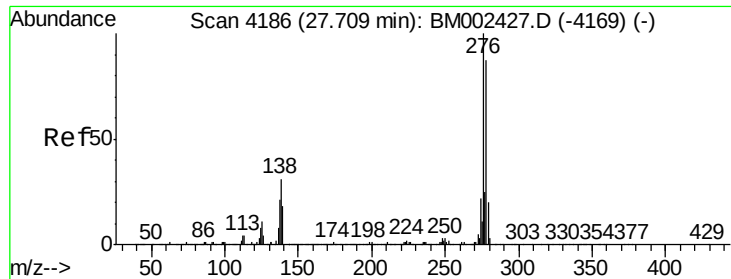
Acq: 15 Aug 2015 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	399800		
253	22.6	17.6	26.4	
125	14.9	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





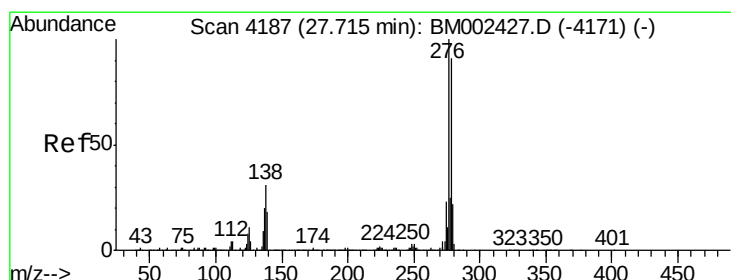
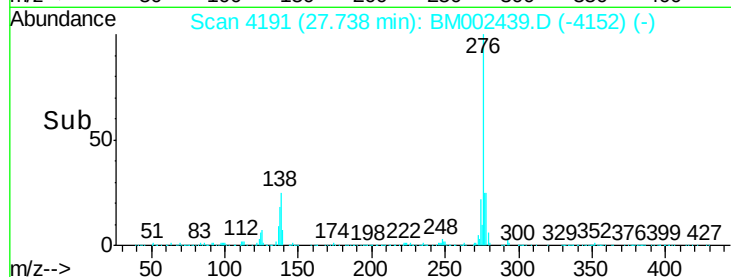
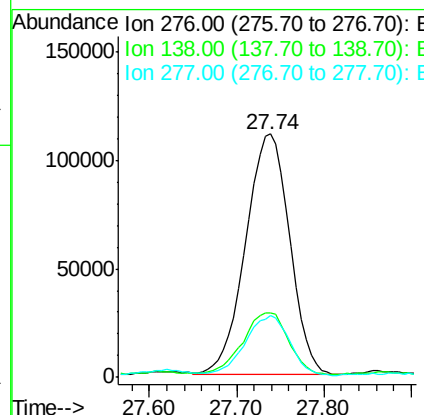
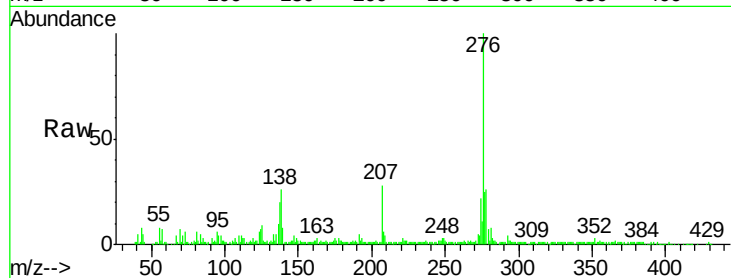
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 10.37 ng/ul
 RT: 27.74 min Scan# 4191
 Delta R.T. 0.03 min
 Lab File: BM002439.D
 Acq: 15 Aug 2015 23:53

Instrument :
 BNA_M
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 D9DB8

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	381520		
138	26.4	25.3	37.9	
277	25.4	20.2	30.2	

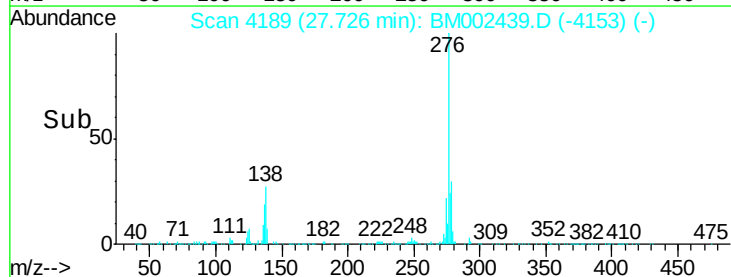
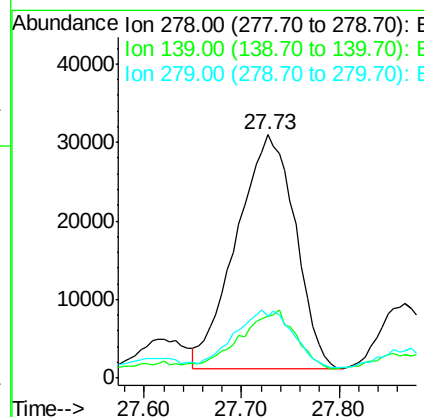
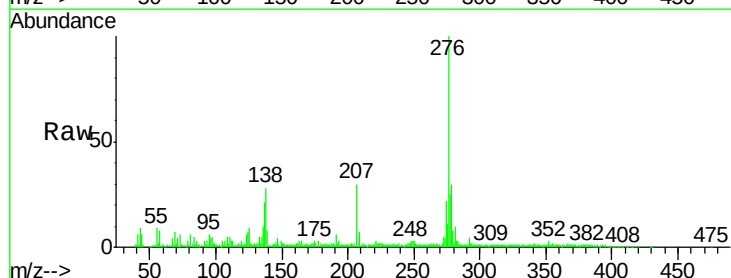
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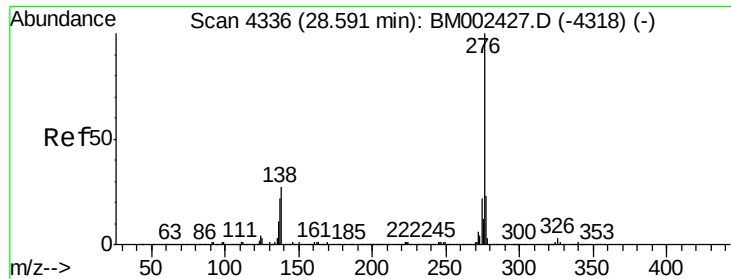
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#28
 Dibenzo(a,h)anthracene
 Concen: 4.06 ng/ul
 RT: 27.73 min Scan# 4189
 Delta R.T. 0.01 min
 Lab File: BM002439.D
 Acq: 15 Aug 2015 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	124916		
139	25.6	16.5	24.7#	
279	25.6	18.8	28.2	





#29

Benzo(g,h,i)perylene

Concen: 11.92 ng/ul

RT: 28.62 min Scan# 4341

Delta R.T. 0.03 min

Lab File: BM002439.D

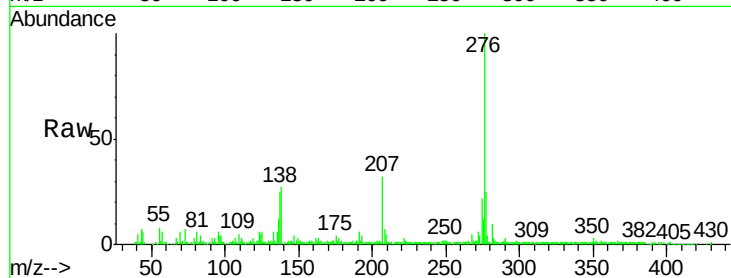
Acq: 15 Aug 2015 23:53

Instrument :

BNA_M

ClientSampleId :

D9DB8



Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.0	31.6
277	24.7	19.2	28.8

Manual Integrations
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