

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
 Data File : BM002578.D
 Acq On : 29 Aug 2015 23:21
 Operator : UM/IZ
 Sample : G3455-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E81

Manual Integrations
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Quant Time: Aug 31 01:40:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 01:34:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	183228	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	793985	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	355687	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	575659	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	498683	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	530972	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	606250	16.67	ng/ul	0.00
10) Fluorene-d10	16.34	176	372198	14.57	ng/ul	0.00
14) Anthracene-d10	18.17	188	439800	15.84	ng/ul	0.00
18) Pyrene-d10	20.40	212	350581	15.86	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	302550	10.85	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.70	128	47188	1.16	ng/ul	97
4) 2-Methylnaphthalene	13.25	142	36051	1.19	ng/ul	99
13) Phenanthrene	18.12	178	98906	2.98	ng/ul	100
16) Fluoranthene	20.07	202	201687	5.36	ng/ul	97
19) Pyrene	20.43	202	182352	6.24	ng/ul	98
20) Benzo(a)anthracene	22.14	228	126657	4.25	ng/ul	96
21) Chrysene	22.20	228	127371m	4.57	ng/ul	
23) Benzo(b)fluoranthene	23.98	252	216335	6.74	ng/ul#	92
24) Benzo(k)fluoranthene	24.03	252	66151m	2.17	ng/ul	
26) Benzo(a)pyrene	24.68	252	185367	6.05	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.57	276	196866	5.58	ng/ul	96
28) Dibenzo(a,h)anthracene	27.55	278	109627	3.72	ng/ul#	78
29) Benzo(g,h,i)perylene	28.44	276	441769	15.05	ng/ul	94

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

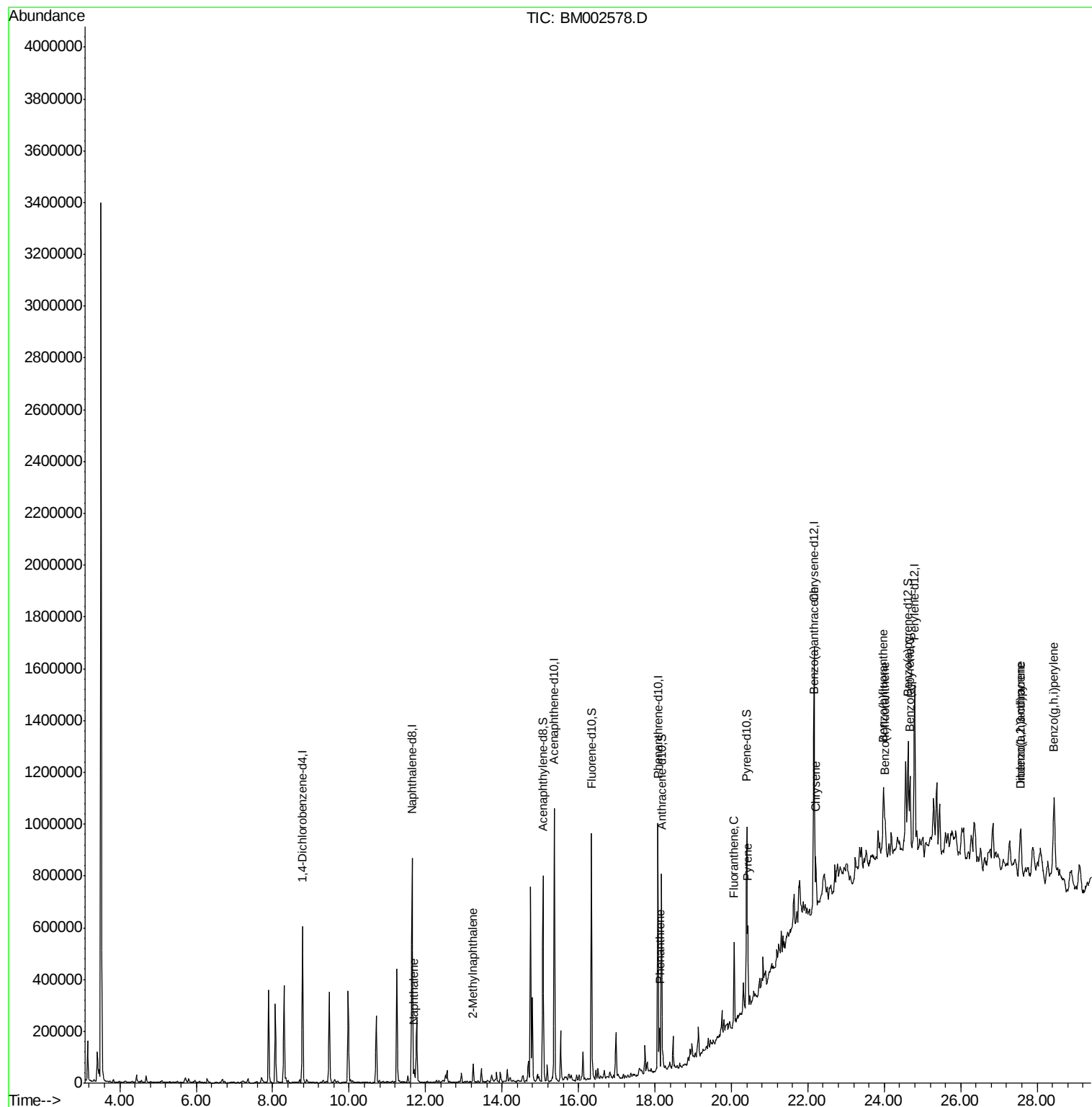
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002578.D
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ALS Vial : 19 Sample Multiplier: 1

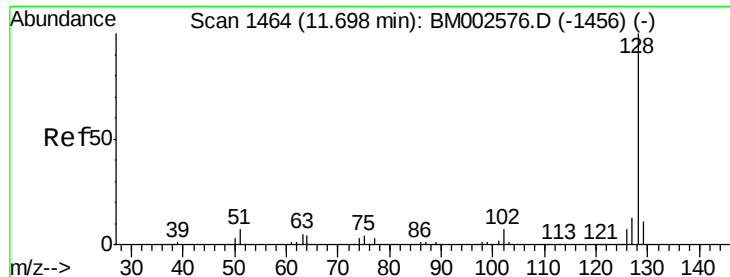
Instrument :
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Quant Time: Aug 31 01:40:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.16 ng/ul

RT: 11.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BM002578.D

Acq: 29 Aug 2015 23:21

Instrument :

BNA_M

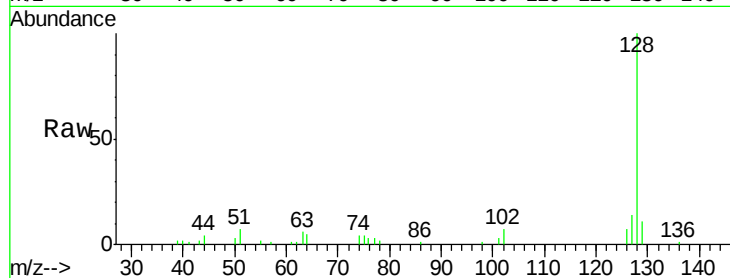
ClientSampleId :

D9E81

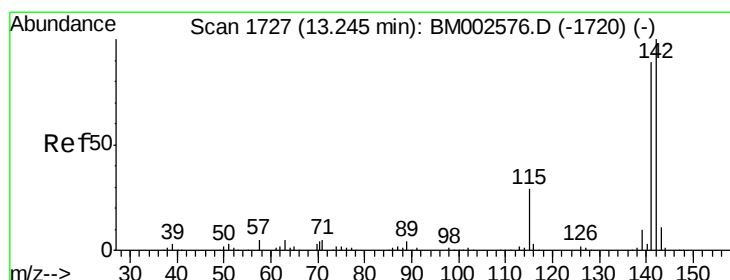
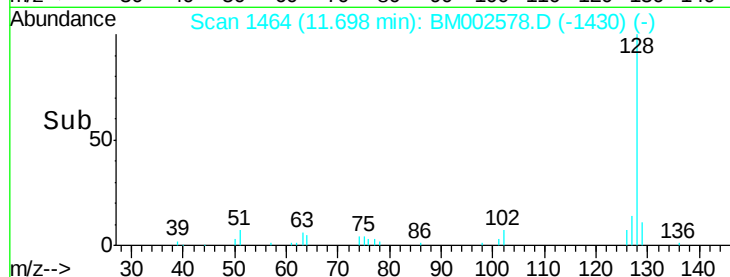
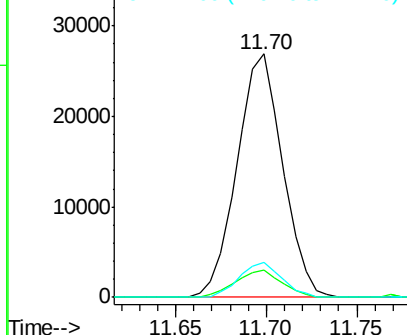
Tgt Ion:	128	Resp:	47188
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	14.4	10.4	15.6

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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



#4

2-Methylnaphthalene

Concen: 1.19 ng/ul

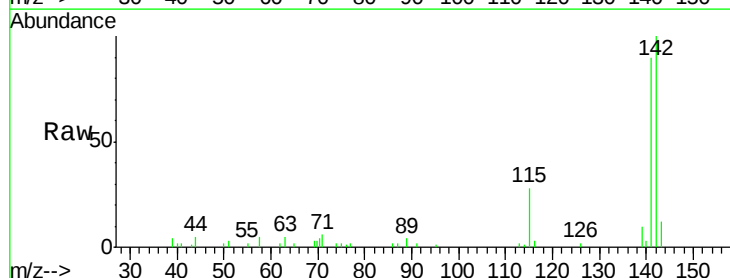
RT: 13.25 min Scan# 1727

Delta R.T. 0.00 min

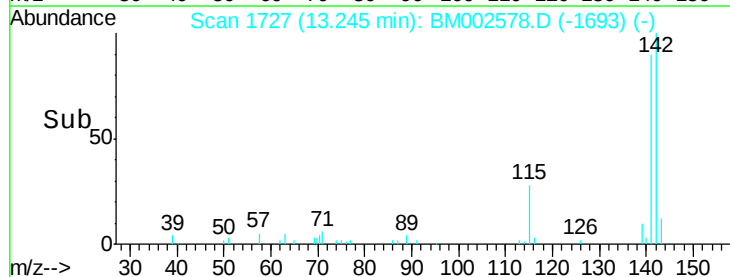
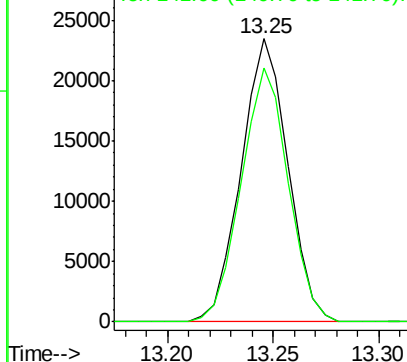
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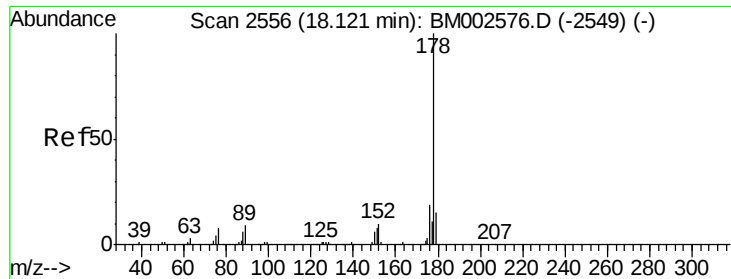
Acq: 29 Aug 2015 23:21

Tgt Ion:	142	Resp:	36051
Ion Ratio	Lower	Upper	
142	100		
141	89.5	72.2	108.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





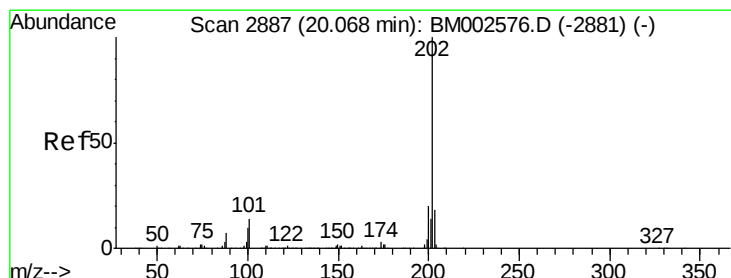
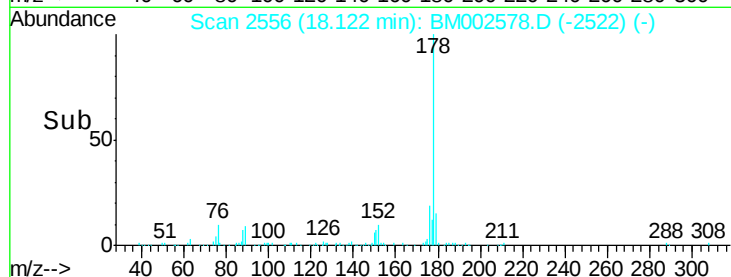
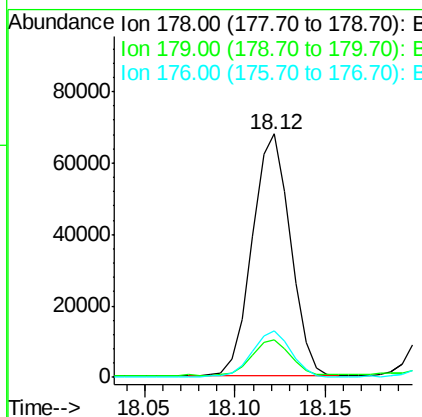
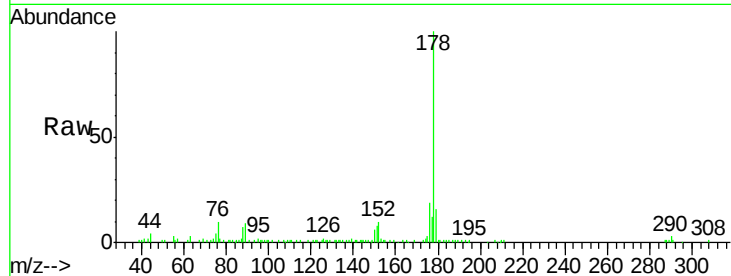
#13
Phenanthrene
Concen: 2.98 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BM002578.D
Acq: 29 Aug 2015 23:21

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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.1	15.1	22.7

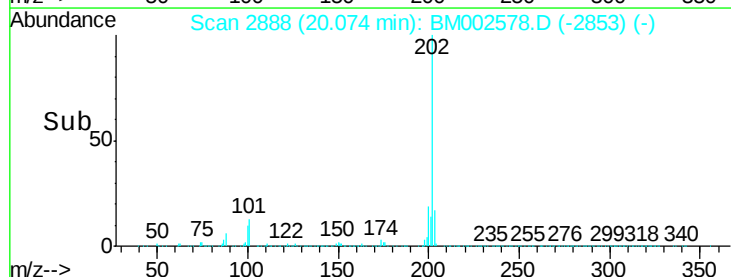
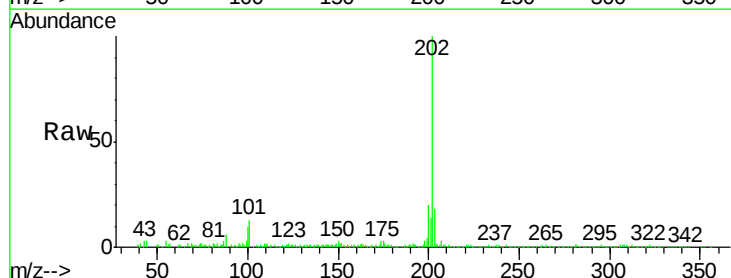
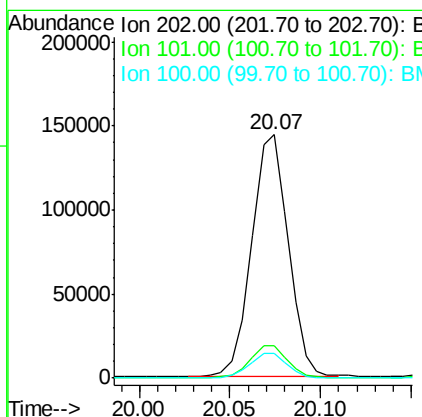
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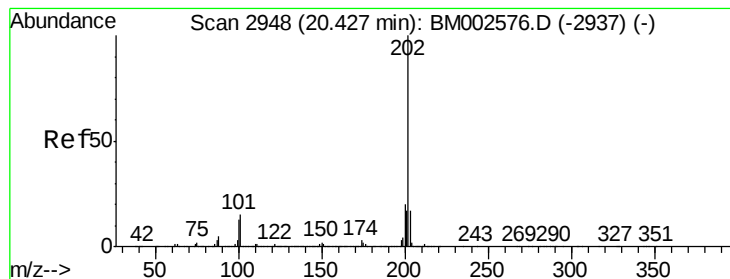
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#16
Fluoranthene
Concen: 5.36 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: BM002578.D
Acq: 29 Aug 2015 23:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.7	14.5
100	10.1	7.4	11.2





#19

Pyrene

Concen: 6.24 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BM002578.D

Acq: 29 Aug 2015 23:21

Instrument :

BNA_M

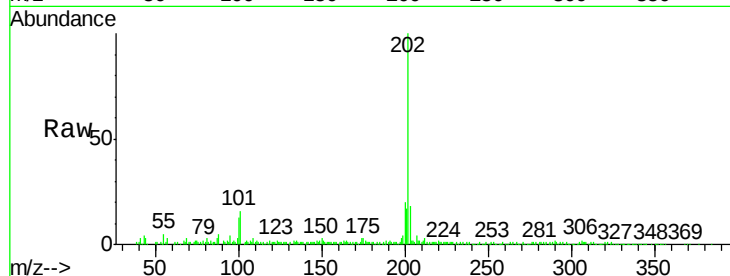
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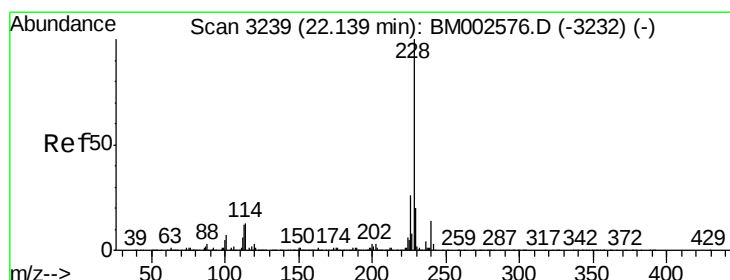
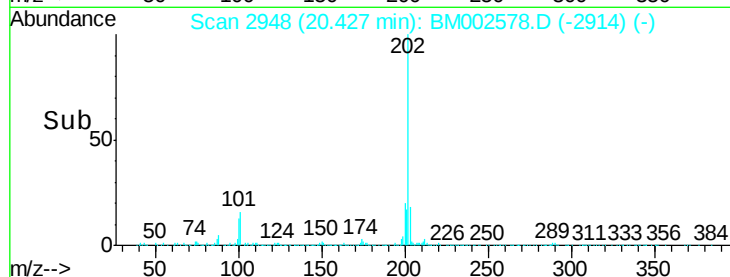
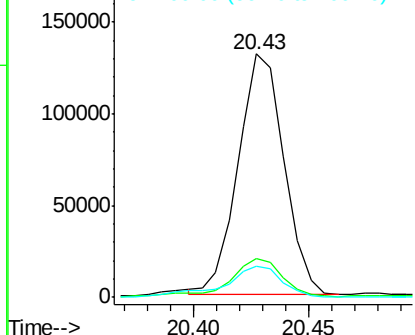
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	182352		
101	15.9	12.0	18.0	
100	13.0	9.7	14.5	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#20

Benzo(a)anthracene

Concen: 4.25 ng/ul

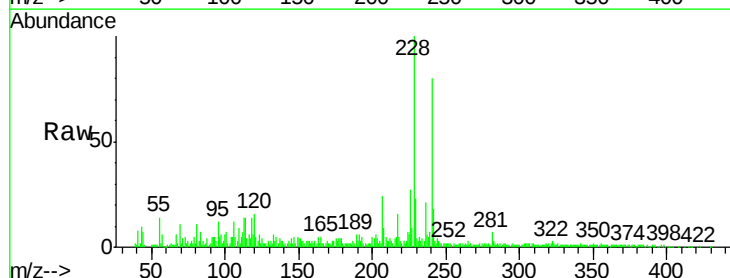
RT: 22.14 min Scan# 3240

Delta R.T. 0.01 min

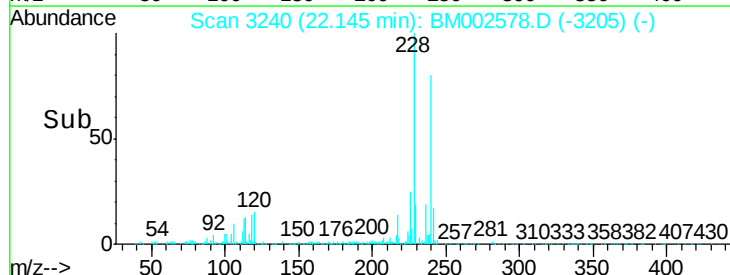
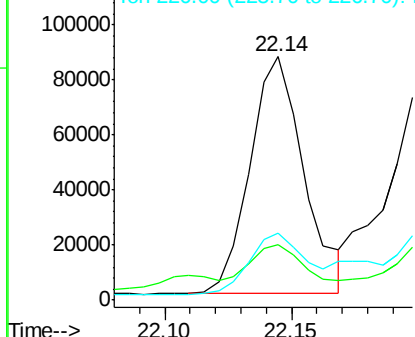
Lab File: BM002578.D

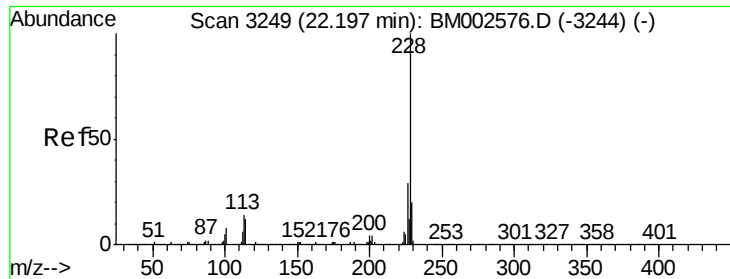
Acq: 29 Aug 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	126657		
229	22.8	15.8	23.6	
226	27.3	21.1	31.7	



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





#21

Chrysene

Concen: 4.57 ng/ul m

RT: 22.20 min Scan# 3250

Delta R.T. 0.01 min

Lab File: BM002578.D

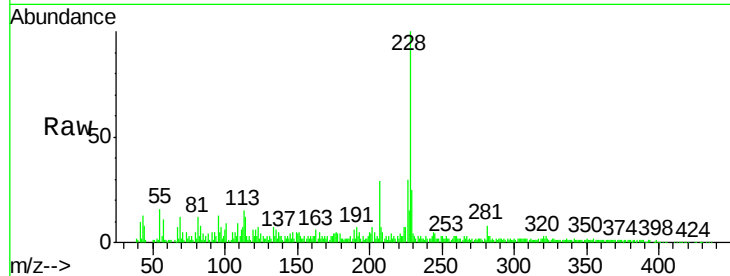
Acq: 29 Aug 2015 23:21

Instrument :

BNA_M

ClientSampleId :

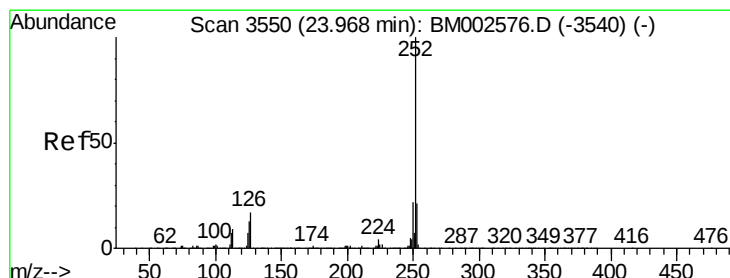
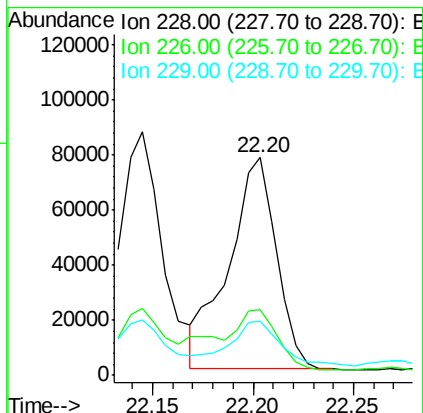
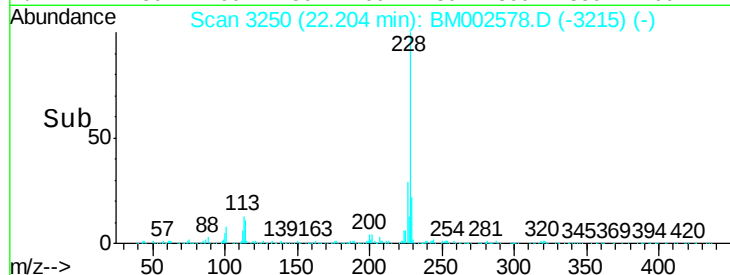
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	127371		
226	30.4	23.4	35.2	
229	24.8	15.7	23.5#	

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#23

Benzo(b)fluoranthene

Concen: 6.74 ng/ul

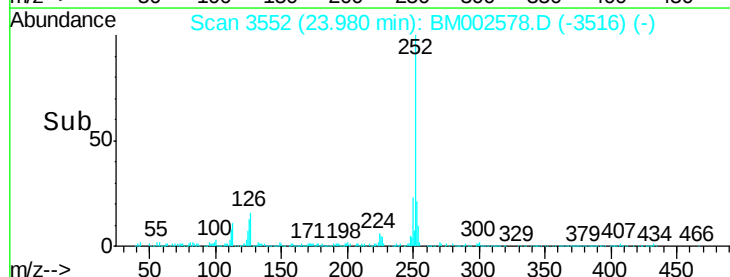
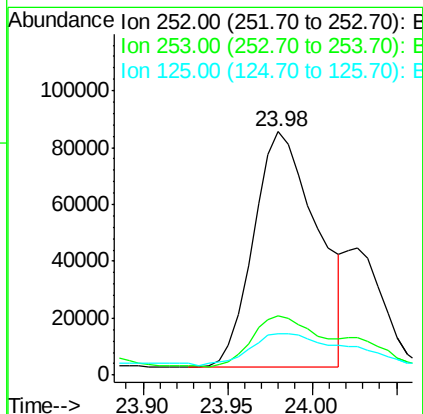
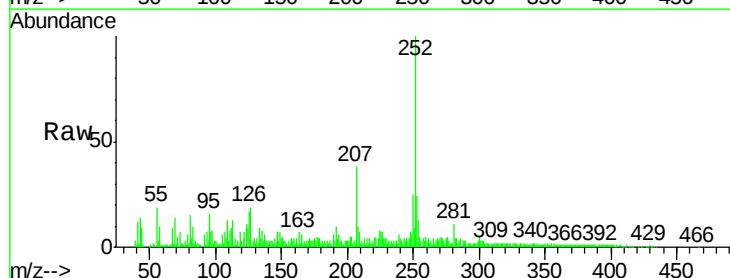
RT: 23.98 min Scan# 3552

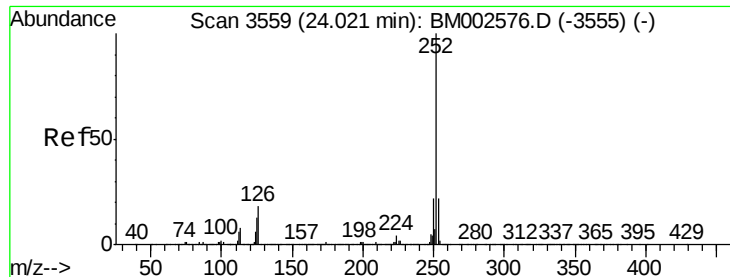
Delta R.T. 0.01 min

Lab File: BM002578.D

Acq: 29 Aug 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	216335		
253	24.2	17.4	26.0	
125	17.0	10.0	15.0#	





#24

Benzo(k)fluoranthene

Concen: 2.17 ng/ul m

RT: 24.03 min Scan# 3560

Delta R.T. 0.01 min

Lab File: BM002578.D

Acq: 29 Aug 2015 23:21

Instrument :

BNA_M

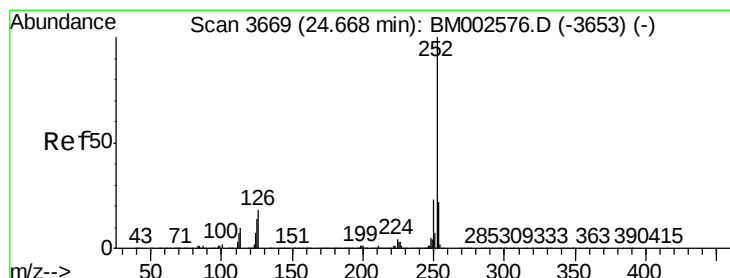
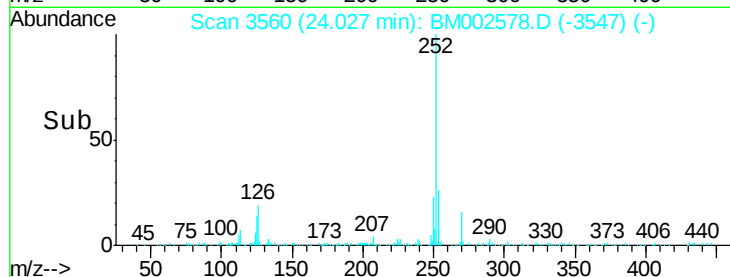
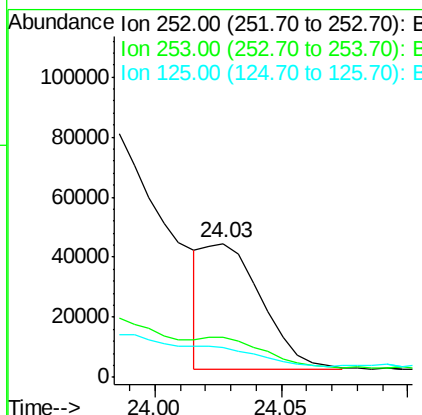
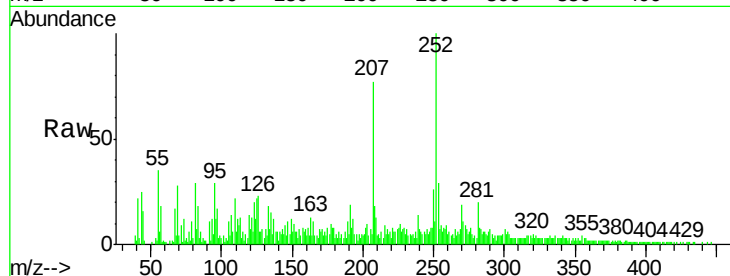
ClientSampleId :

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Tgt Ion:	252	Resp:	66151
Ion Ratio	Lower	Upper	
252	100		
253	29.4	17.8	26.6#
125	22.3	9.8	14.8#

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#26

Benzo(a)pyrene

Concen: 6.05 ng/ul

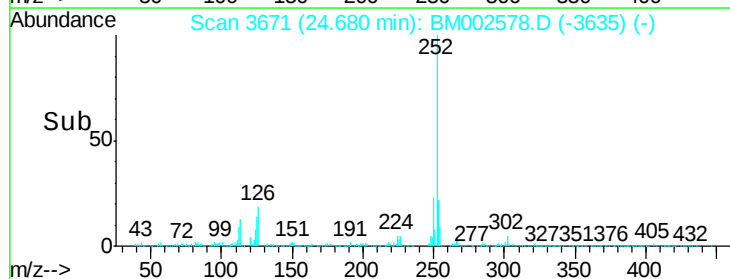
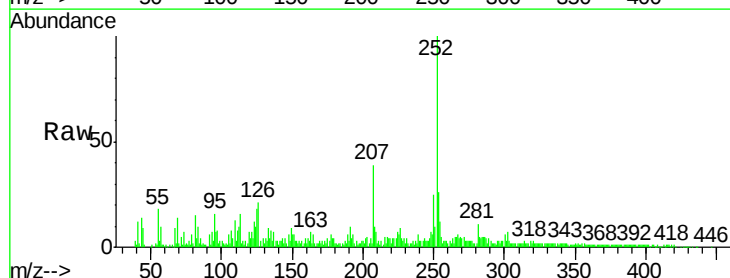
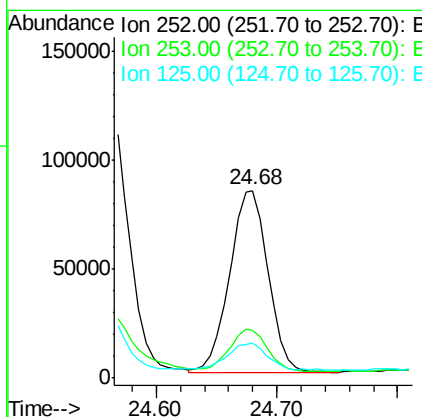
RT: 24.68 min Scan# 3671

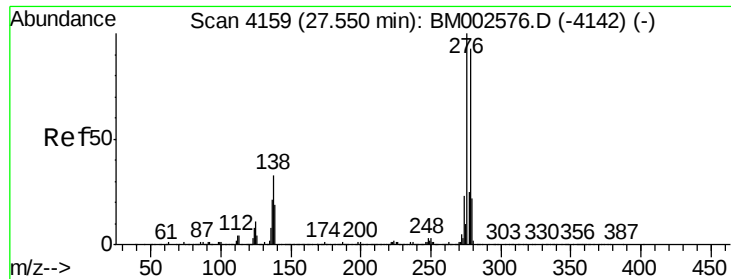
Delta R.T. 0.01 min

Lab File: BM002578.D

Acq: 29 Aug 2015 23:21

Tgt Ion:	252	Resp:	185367
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.6	26.4
125	18.4	10.7	16.1#





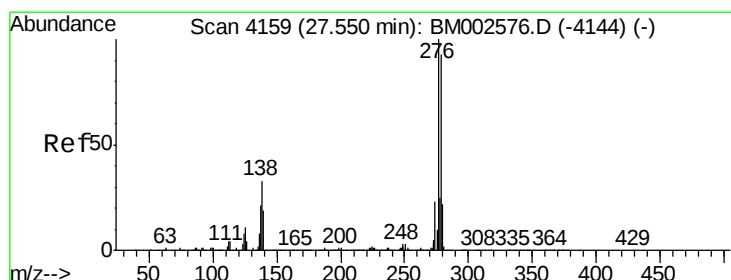
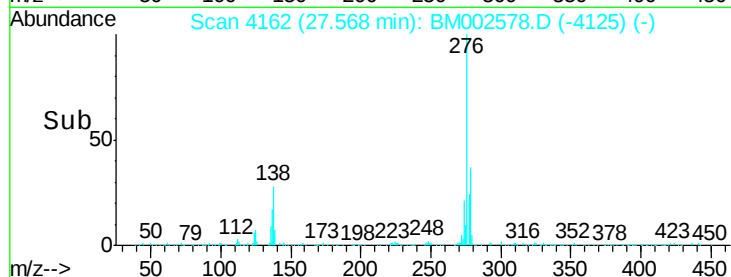
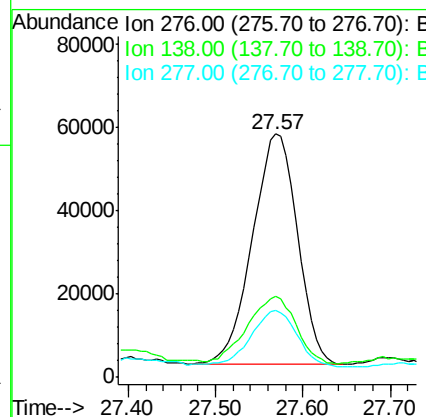
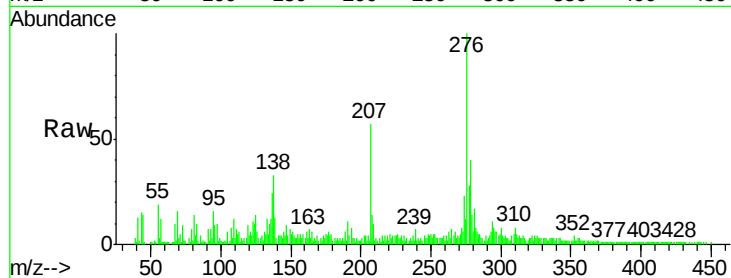
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.58 ng/ul
 RT: 27.57 min Scan# 4162
 Delta R.T. 0.02 min
 Lab File: BM002578.D
 Acq: 29 Aug 2015 23:21

Instrument :
 BNA_M
 ClientSampleId :
 D9E81

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	33.1	25.3	37.9
277	27.5	20.2	30.2

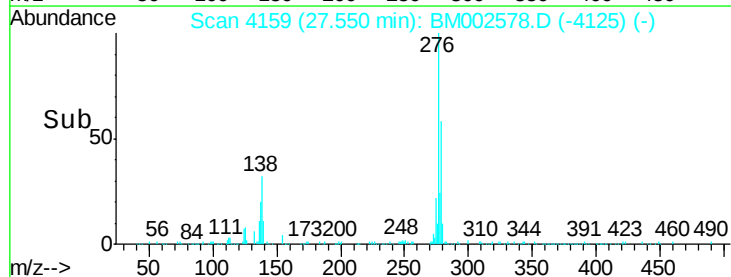
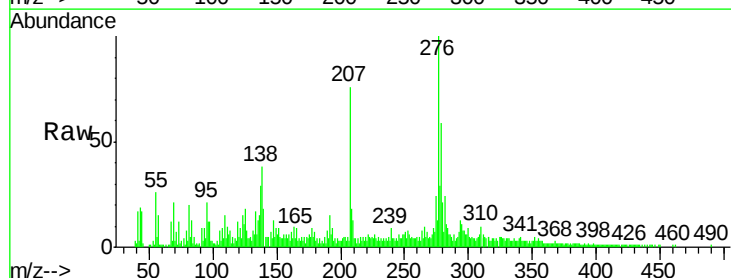
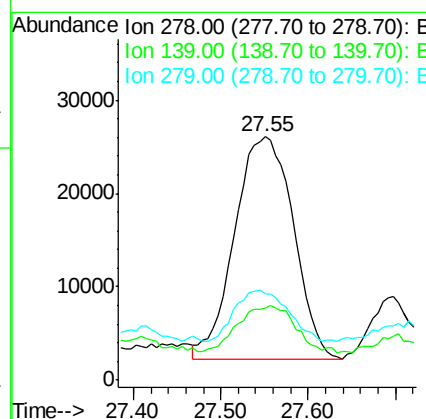
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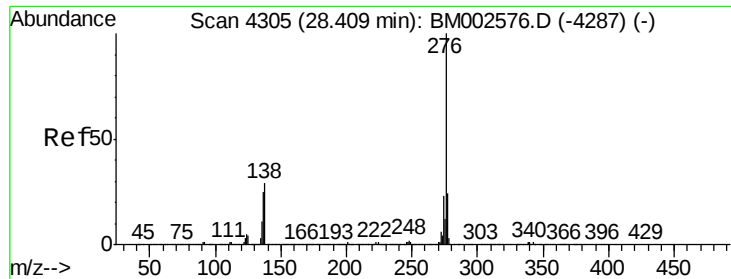
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#28
 Dibenzo(a,h)anthracene
 Concen: 3.72 ng/ul
 RT: 27.55 min Scan# 4159
 Delta R.T. 0.00 min
 Lab File: BM002578.D
 Acq: 29 Aug 2015 23:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	29.5	16.5	24.7#
279	35.3	18.8	28.2#





#29

Benzo(g,h,i)perylene

Concen: 15.05 ng/ul

RT: 28.44 min Scan# 4311

Delta R.T. 0.04 min

Lab File: BM002578.D

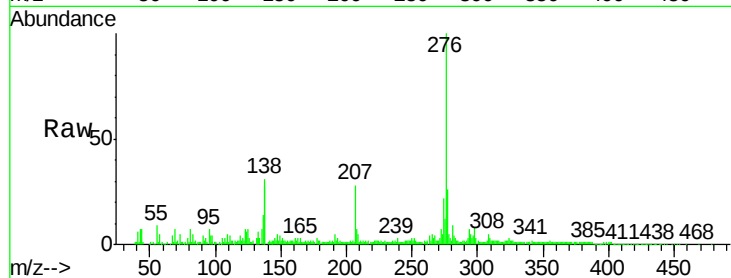
Acq: 29 Aug 2015 23:21

Instrument :

BNA_M

ClientSampleId :

D9E81



Tgt Ion	Ratio	Lower	Upper
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138	30.5	21.0	31.6
277	25.7	19.2	28.8

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