

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002362.D
 Acq On : 12 Aug 2015 15:48
 Operator : UM/IZ
 Sample : G3163-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C95

Manual Integrations
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 8/13/2015 10:57:13 AM

Quant Time: Aug 12 18:15:51 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 17:25:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	190193	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	929980	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	507968	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	939045	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	680066	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	658551	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1391453	26.44	ng/ul	0.00
10) Fluorene-d10	16.46	176	925078	25.28	ng/ul	0.00
14) Anthracene-d10	18.29	188	1205091	26.45	ng/ul	0.00
18) Pyrene-d10	20.52	212	1006219	30.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	890723	25.47	ng/ul	0.02
Target Compounds				Ovalue		
3) Naphthalene	11.83	128	57092	1.17	ng/ul	99
4) 2-Methylnaphthalene	13.37	142	41685	1.19	ng/ul	99
13) Phenanthrene	18.24	178	313685	5.80	ng/ul	100
15) Anthracene	18.33	178	70269	1.26	ng/ul	96
16) Fluoranthene	20.19	202	527788	8.82	ng/ul	98
19) Pyrene	20.54	202	415614	9.45	ng/ul	96
20) Benzo(a)anthracene	22.27	228	234975	5.66	ng/ul	96
21) Chrysene	22.33	228	249469m	6.34	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	374185	9.14	ng/ul#	93
24) Benzo(k)fluoranthene	24.20	252	104760m	2.67	ng/ul	
26) Benzo(a)pyrene	24.87	252	213744	5.46	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.85	276	173521	3.87	ng/ul	99
28) Dibenzo(a,h)anthracene	27.86	278	50579	1.33	ng/ul#	62
29) Benzo(a,h,i)perylene	28.74	276	168497	4.45	ng/ul	93

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

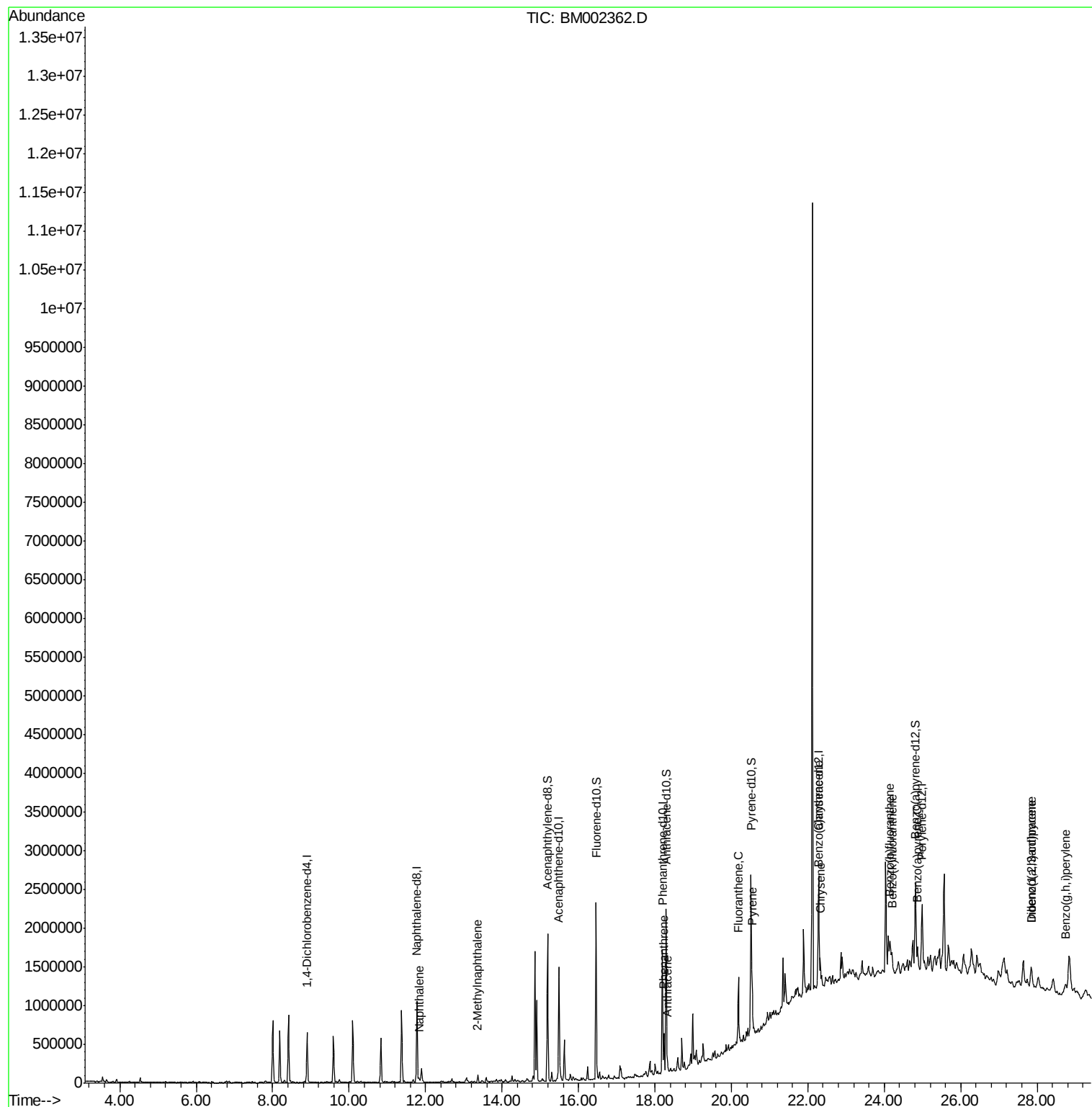
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002362.D
Acq On : 12 Aug 2015 15:48
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Sample : G3163-08
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ALS Vial : 12 Sample Multiplier: 1

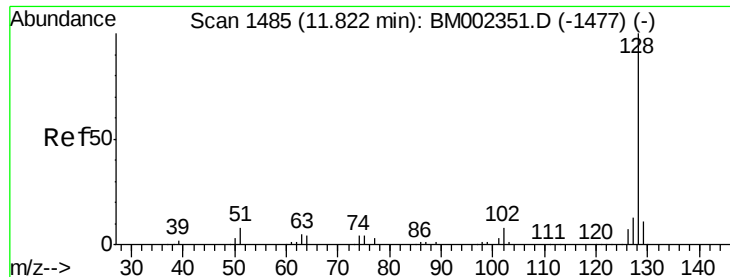
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.17 ng/ul

RT: 11.83 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BM002362.D

Acq: 12 Aug 2015 15:48

Instrument :

BNA_M

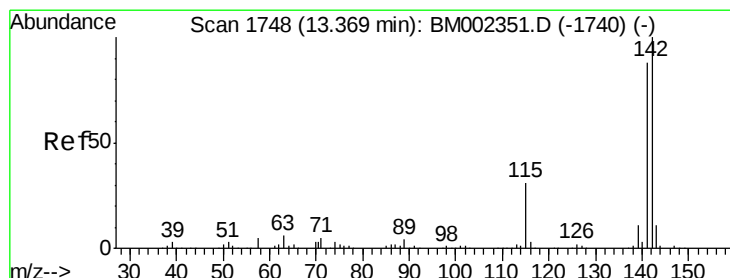
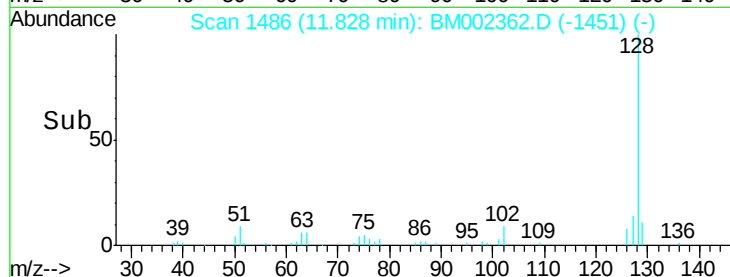
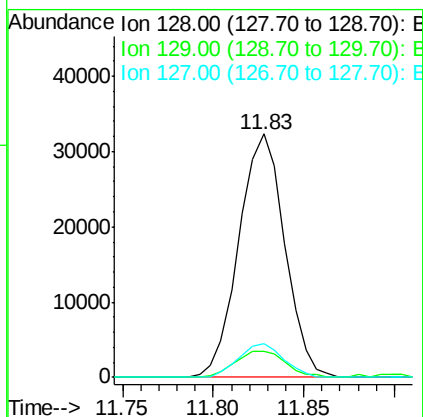
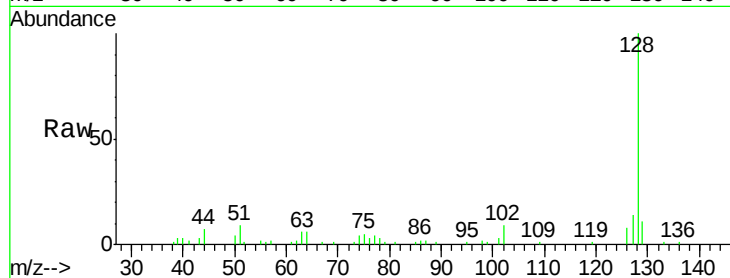
ClientSampleId :

D9C95

Tot Ion:	128	Resp:	57092
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	12.8
127	13.7	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 1.19 ng/ul

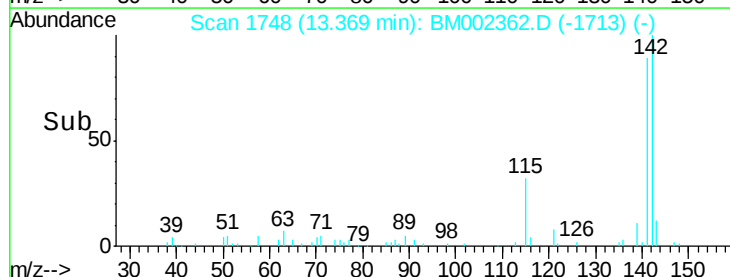
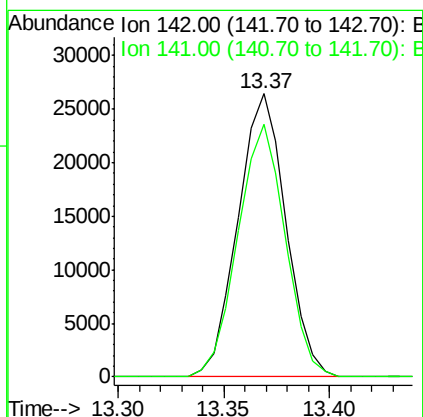
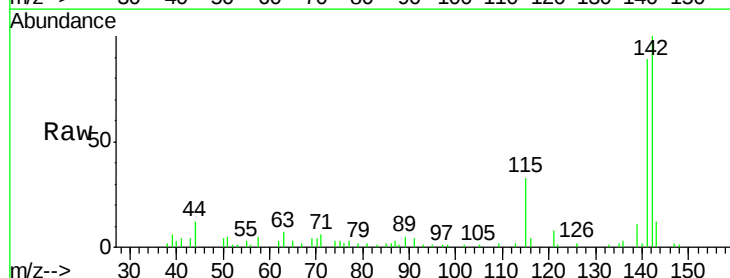
RT: 13.37 min Scan# 1748

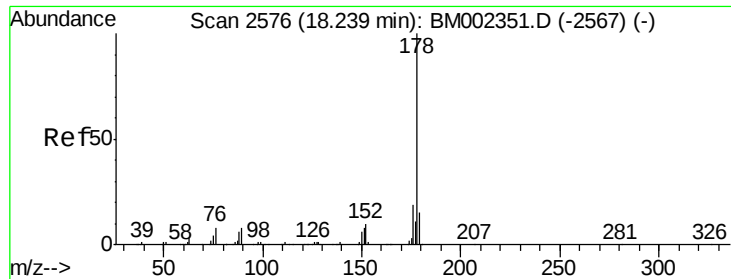
Delta R.T. 0.01 min

Lab File: BM002362.D

Acq: 12 Aug 2015 15:48

Tgt Ion:	142	Resp:	41685
Ion Ratio	Lower	Upper	
142	100		
141	89.4	72.5	108.7





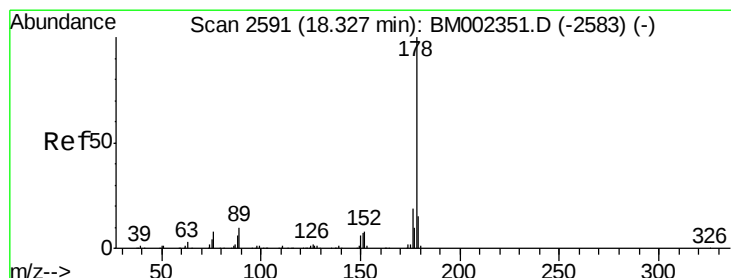
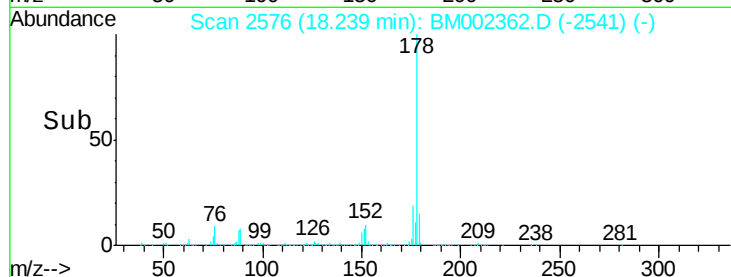
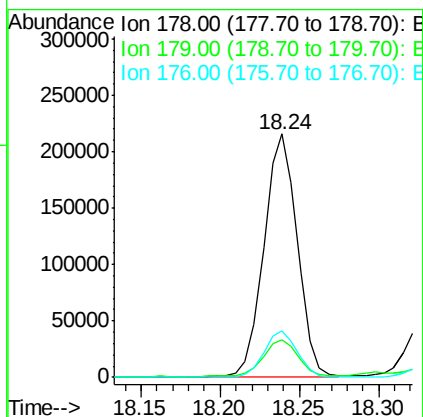
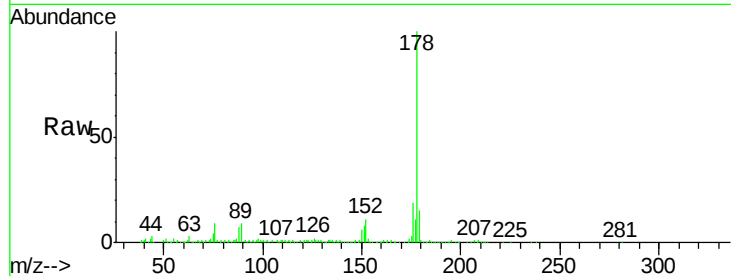
#13
Phenanthrene
Concen: 5.80 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BM002362.D
Acq: 12 Aug 2015 15:48

Instrument :
BNA_M
ClientSampleId :
D9C95

Tot Ion	Ratio	Resp	Lower	Upper
178	100	313685		
179	15.4		12.3	18.5
176	19.3		15.3	22.9

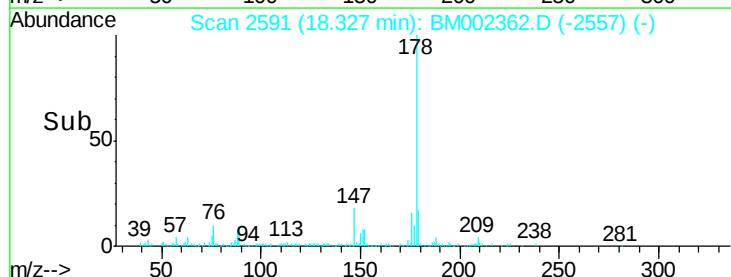
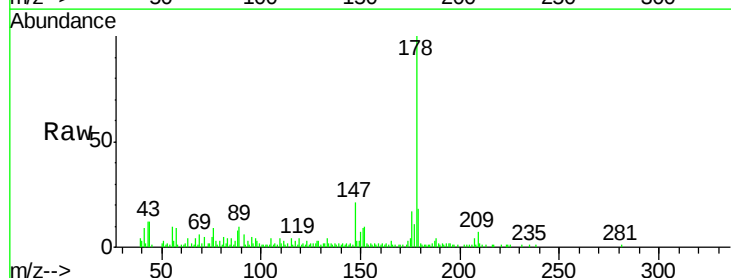
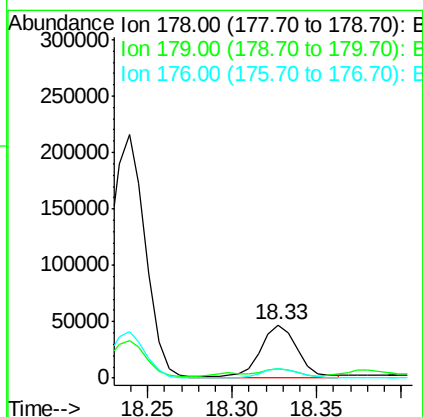
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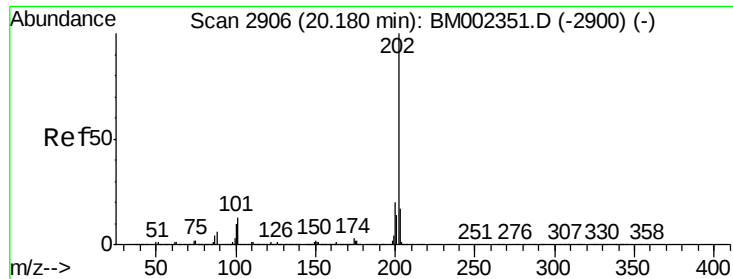
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#15
Anthracene
Concen: 1.26 ng/ul
RT: 18.33 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BM002362.D
Acq: 12 Aug 2015 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	70269		
179	18.3		12.3	18.5
176	17.1		14.5	21.7





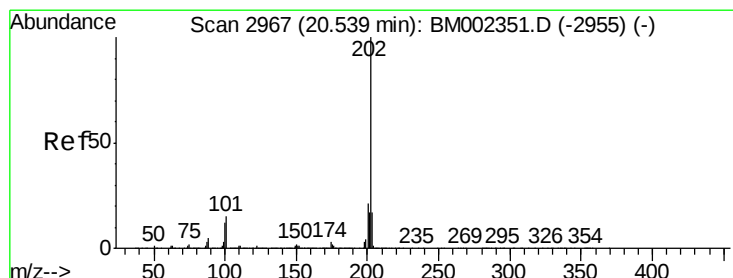
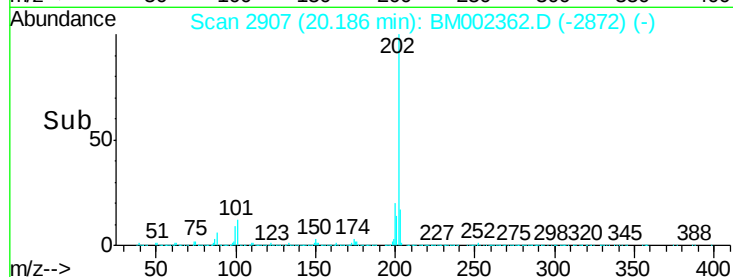
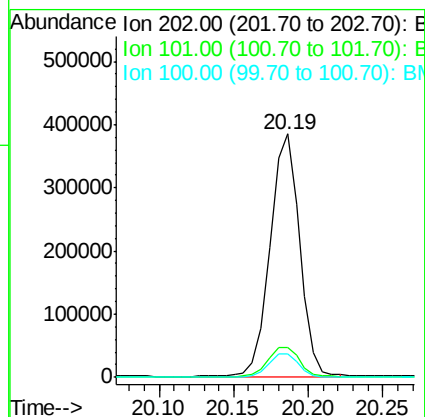
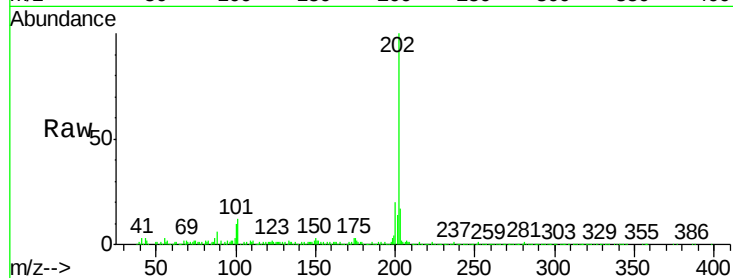
#16
 Fluoranthene
 Concen: 8.82 ng/ul
 RT: 20.19 min Scan# 2907
 Delta R.T. 0.01 min
 Lab File: BM002362.D
 Acq: 12 Aug 2015 15:48

Instrument :
 BNA_M
 ClientSampleId :
 D9C95

Tot Ion:	202	Resp:	527788
Ion Ratio	Lower	Upper	
202	100		
101	12.5	10.6	15.8
100	9.5	8.2	12.4

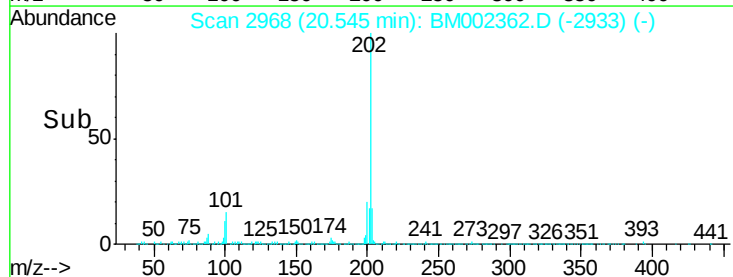
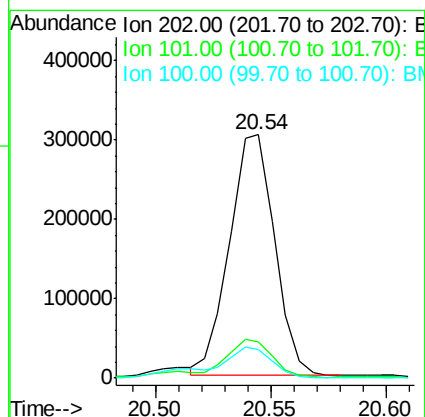
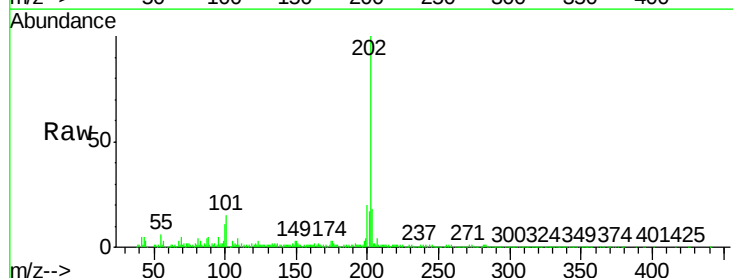
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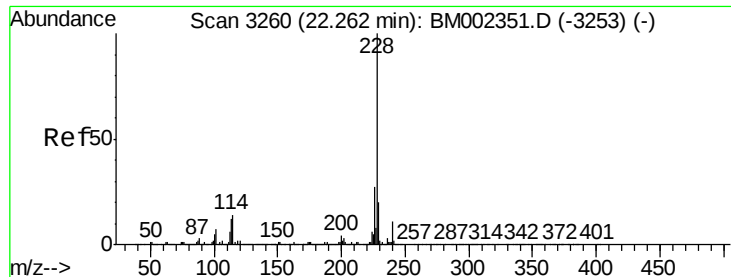
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#19
 Pyrene
 Concen: 9.45 ng/ul
 RT: 20.54 min Scan# 2968
 Delta R.T. 0.01 min
 Lab File: BM002362.D
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Tgt Ion:	202	Resp:	415614
Ion Ratio	Lower	Upper	
202	100		
101	15.0	13.0	19.6
100	11.5	11.0	16.4





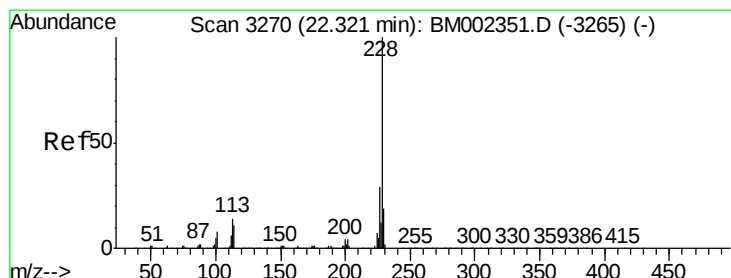
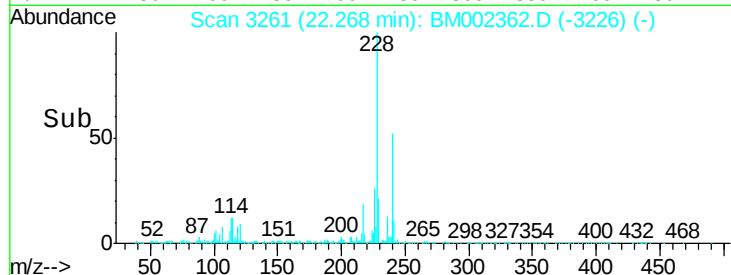
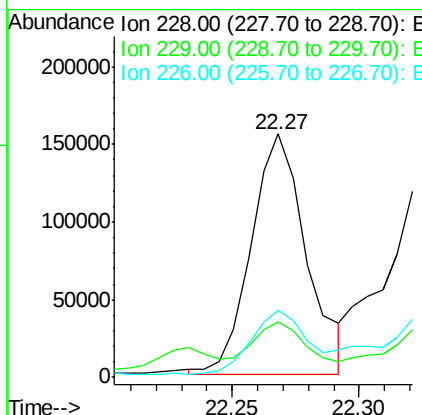
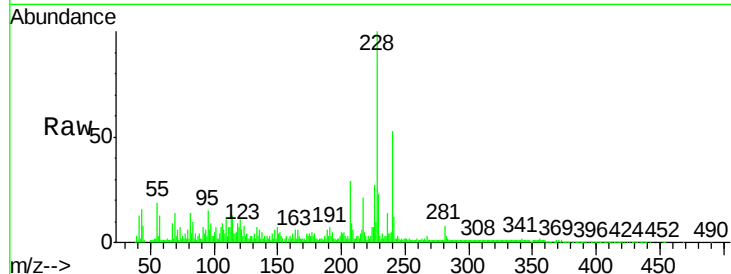
#20
Benzo(a)anthracene
Concen: 5.66 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002362.D
Acq: 12 Aug 2015 15:48

Instrument :
BNA_M
ClientSampleId :
D9C95

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.7	23.5
226	27.3	21.4	32.0

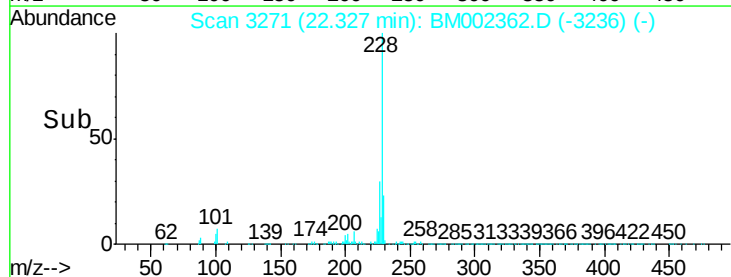
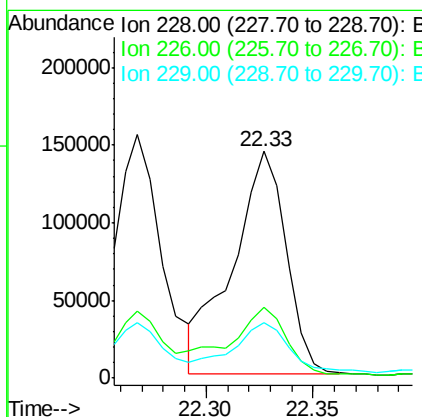
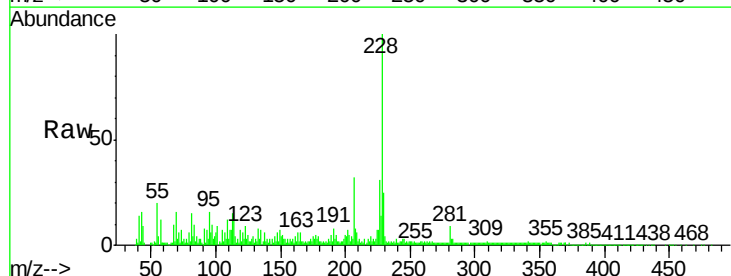
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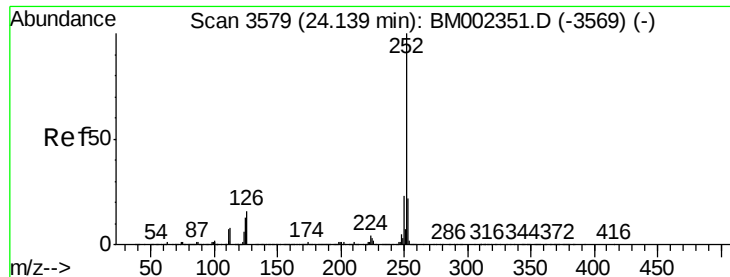
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#21
Chrysene
Concen: 6.34 ng/ul m
RT: 22.33 min Scan# 3271
Delta R.T. 0.01 min
Lab File: BM002362.D
Acq: 12 Aug 2015 15:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	24.7	15.5	23.3#





#23

Benzo(b)fluoranthene

Concen: 9.14 ng/ul

RT: 24.16 min Scan# 3582

Delta R.T. 0.02 min

Lab File: BM002362.D

Acq: 12 Aug 2015 15:48

Instrument :

BNA_M

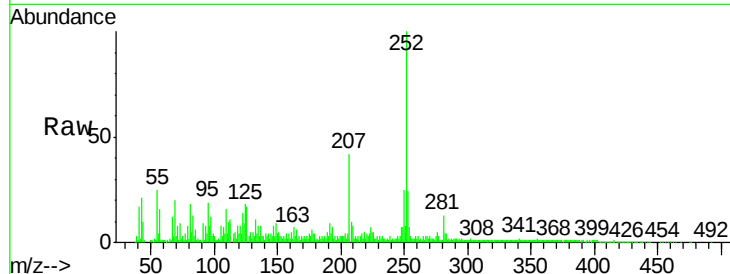
ClientSampleId :

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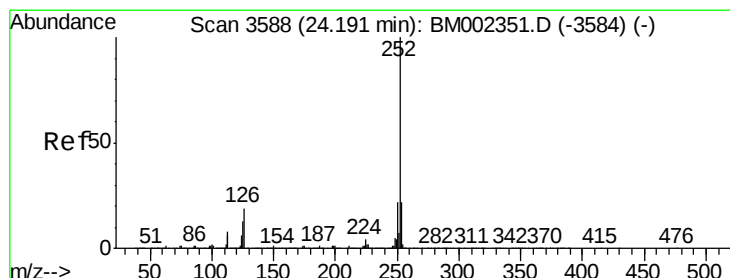
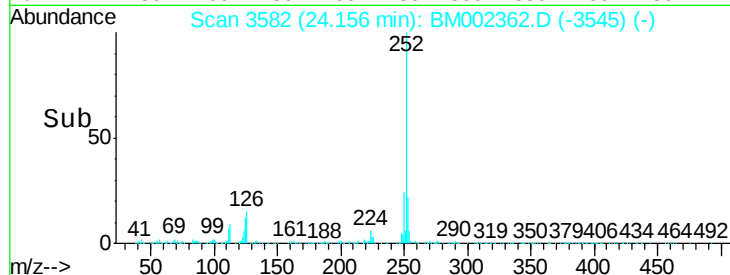
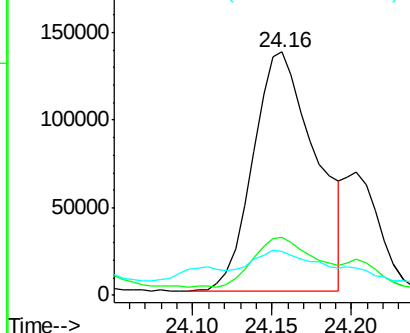
Tot Ion:	252	Resp:	374185
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.9	26.9
125	18.0	10.3	15.5#

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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



#24

Benzo(k)fluoranthene

Concen: 2.67 ng/ul m

RT: 24.20 min Scan# 3590

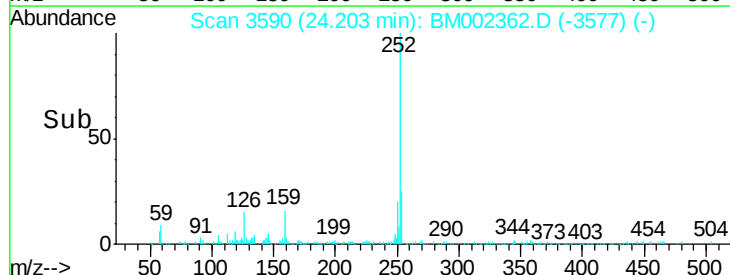
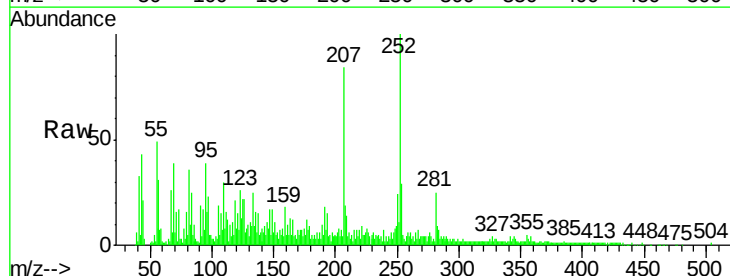
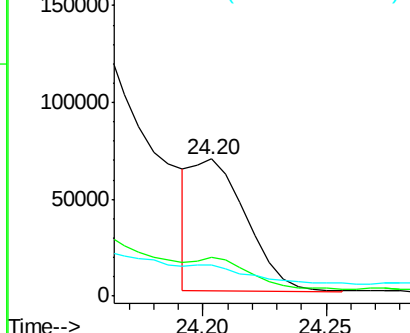
Delta R.T. 0.01 min

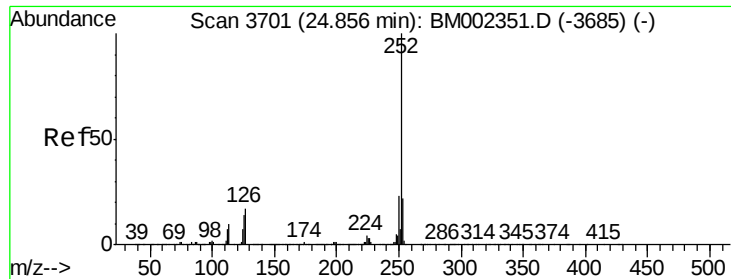
Lab File: BM002362.D

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Tgt Ion:	252	Resp:	104760
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.3	25.9#
125	22.4	10.2	15.4#

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





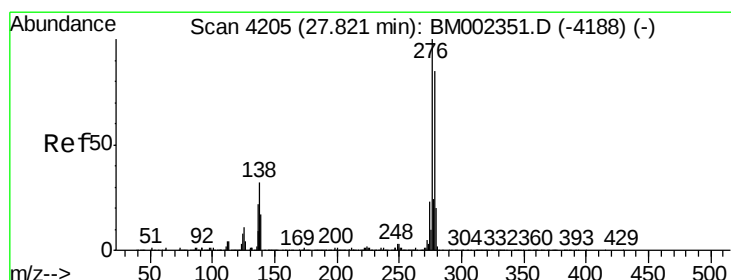
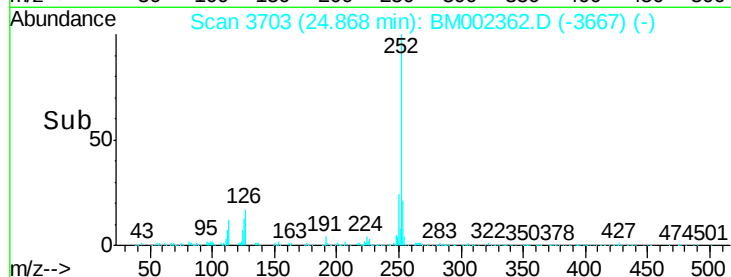
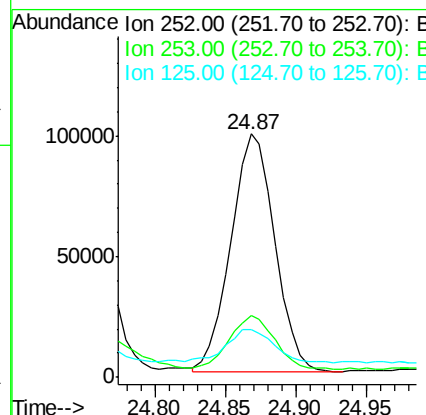
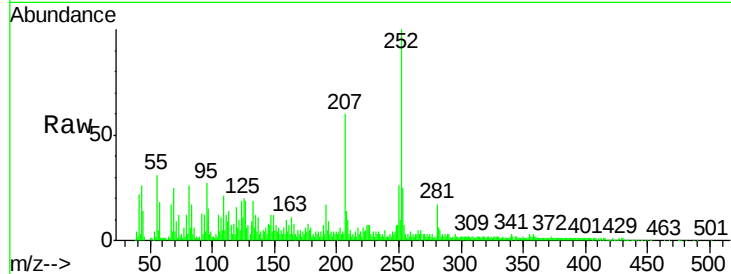
#26
Benzo(a)pyrene
Concen: 5.46 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BM002362.D
Acq: 12 Aug 2015 15:48

Instrument :
BNA_M
ClientSampleId :
D9C95

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.2	17.3	25.9
125	19.6	11.0	16.6

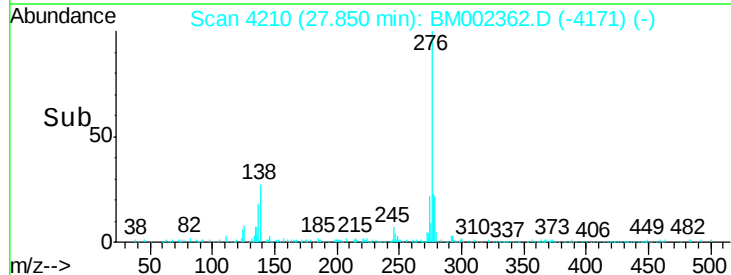
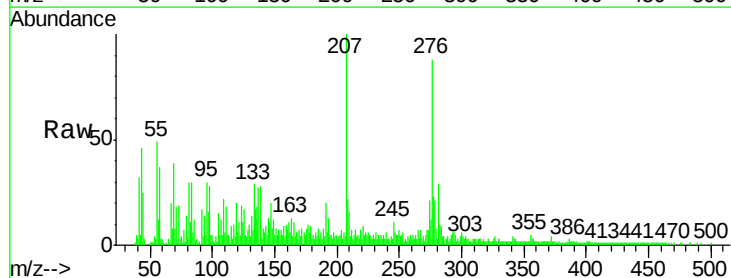
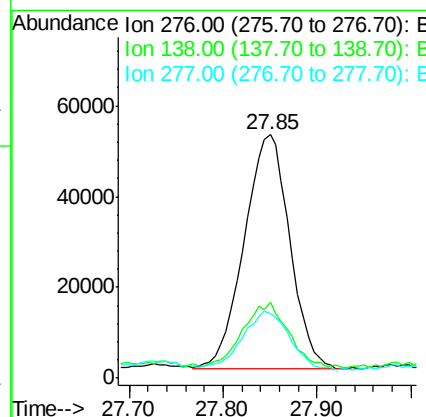
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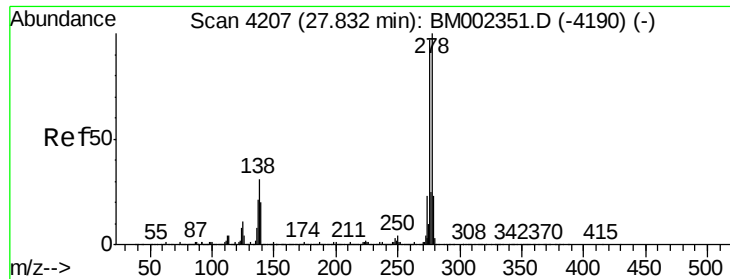
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#27
Indeno(1,2,3-cd)pyrene
Concen: 3.87 ng/ul
RT: 27.85 min Scan# 4210
Delta R.T. 0.03 min
Lab File: BM002362.D
Acq: 12 Aug 2015 15:48

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	31.4	25.6	38.4
277	26.6	21.0	31.4





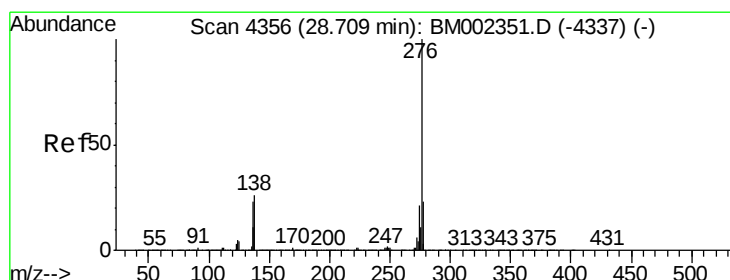
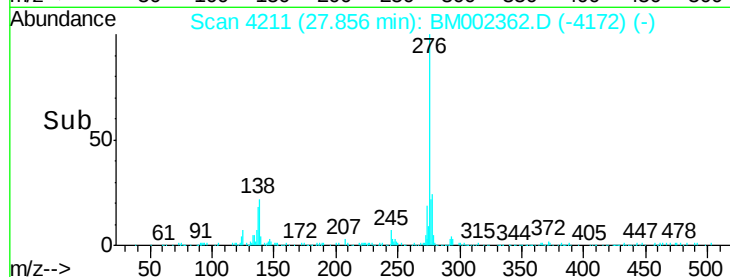
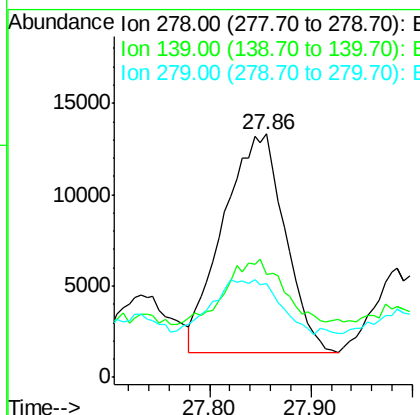
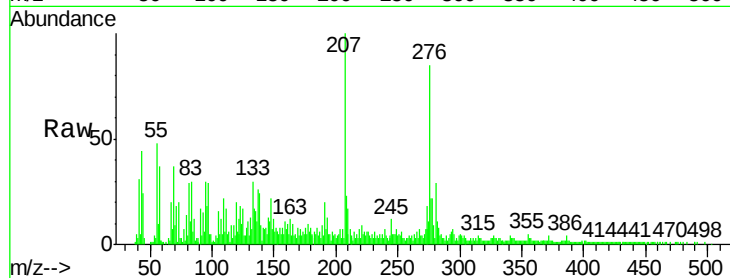
#28
Dibenzo(a,h)anthracene
Concen: 1.33 ng/ul
RT: 27.86 min Scan# 4211
Delta R.T. 0.03 min
Lab File: BM002362.D
Acq: 12 Aug 2015 15:48

Instrument :
BNA_M
ClientSampleId :
D9C95

Tot Ion	Ratio	Lower	Upper
278	100		
139	42.0	16.4	24.6#
279	38.5	18.8	28.2#

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#29
Benzo(g,h,i)perylene
Concen: 4.45 ng/ul
RT: 28.74 min Scan# 4361
Delta R.T. 0.04 min
Lab File: BM002362.D
Acq: 12 Aug 2015 15:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	20.5	30.7
277	26.6	19.0	28.6

