

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002363.D
 Acq On : 12 Aug 2015 16:24
 Operator : UM/IZ
 Sample : G3163-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C96

Manual Integrations
 APPROVED

MMDadoda
 8/13/2015 10:57:18 AM

Quant Time: Aug 12 18:22:30 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	198808	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	957590	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	515139	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	969521	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	693591	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	661747	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1369209	25.66	ng/ul	0.00
10) Fluorene-d10	16.46	176	901451	24.29	ng/ul	0.00
14) Anthracene-d10	18.30	188	1193756	25.37	ng/ul	0.00
18) Pyrene-d10	20.52	212	988242	29.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	837176	23.83	ng/ul	0.02
Target Compounds				Ovalue		
3) Naphthalene	11.83	128	57645	1.14	ng/ul	99
4) 2-Methylnaphthalene	13.37	142	42634	1.18	ng/ul	98
13) Phenanthrene	18.24	178	343691	6.16	ng/ul	100
15) Anthracene	18.33	178	76340	1.32	ng/ul	99
16) Fluoranthene	20.19	202	565834	9.16	ng/ul	99
19) Pyrene	20.54	202	455397	10.16	ng/ul	97
20) Benzo(a)anthracene	22.27	228	249524	5.89	ng/ul	97
21) Chrysene	22.33	228	269064m	6.71	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	380263	9.25	ng/ul#	93
24) Benzo(k)fluoranthene	24.20	252	117011m	2.96	ng/ul	
26) Benzo(a)pyrene	24.87	252	227536	5.78	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	27.84	276	181546	4.02	ng/ul	97
28) Dibenzo(a,h)anthracene	27.85	278	48036	1.26	ng/ul#	62
29) Benzo(a,h,i)perylene	28.73	276	171616	4.51	ng/ul#	89

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

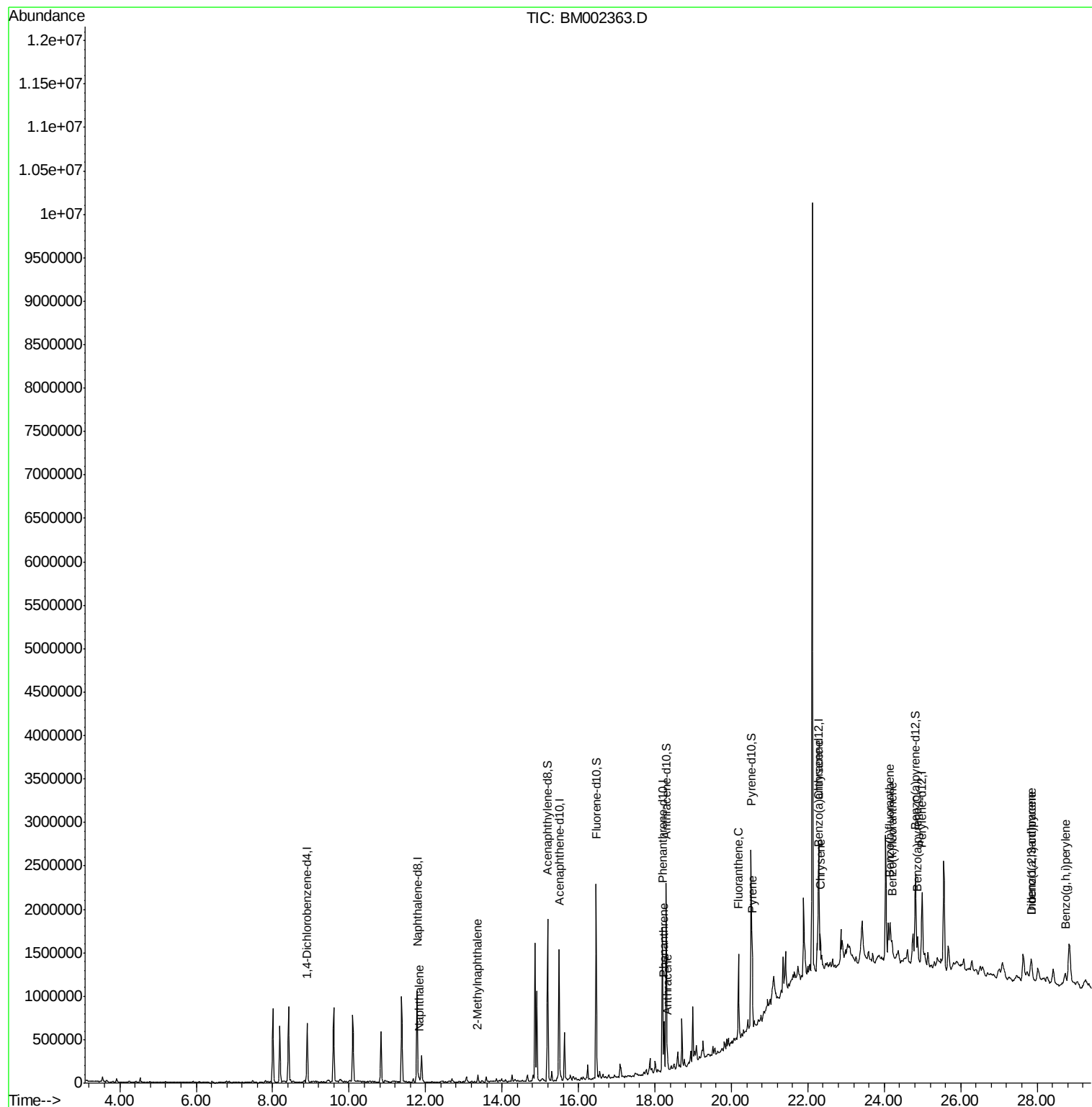
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002363.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

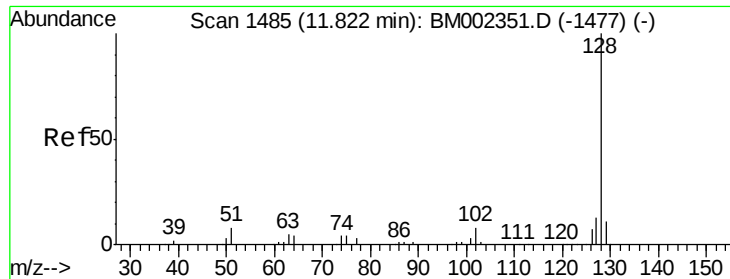
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Quant Time: Aug 12 18:22:30 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.14 ng/ul

RT: 11.83 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BM002363.D

Acq: 12 Aug 2015 16:24

Instrument :

BNA_M

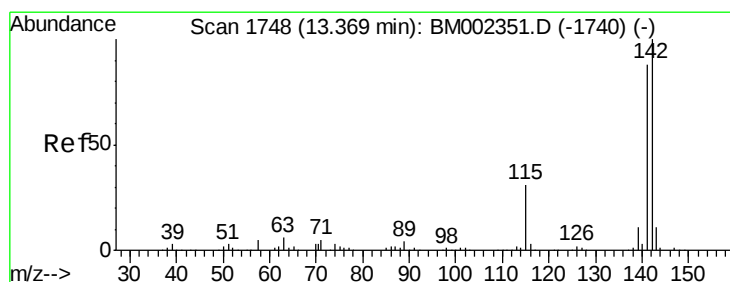
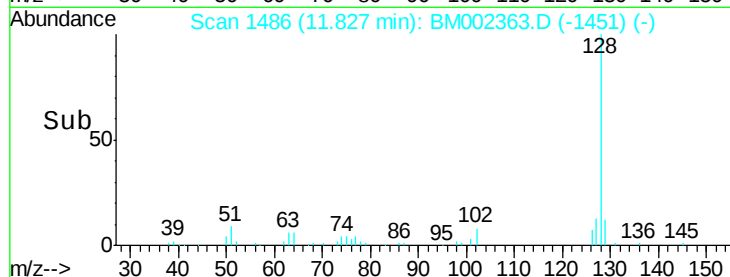
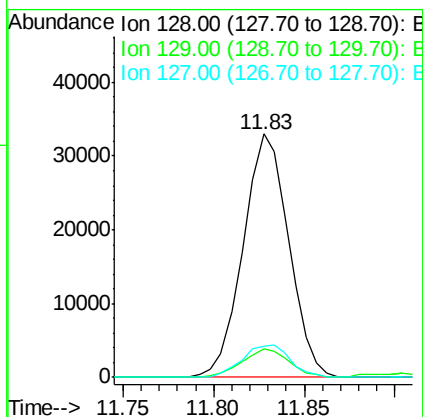
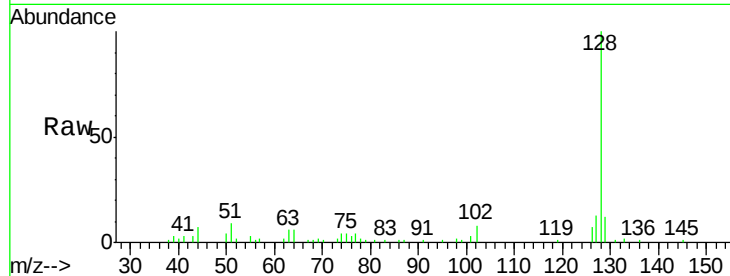
ClientSampleId :

D9C96

Tot Ion:	128	Resp:	57645
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.6	12.8
127	13.0	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 1.18 ng/ul

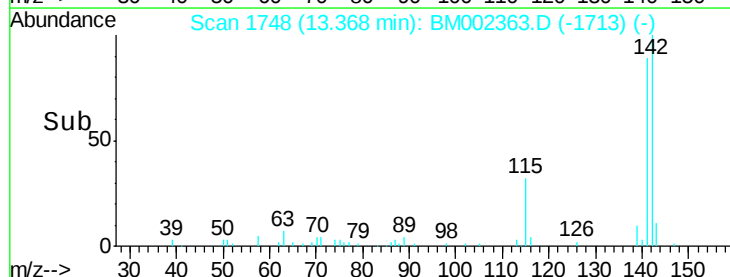
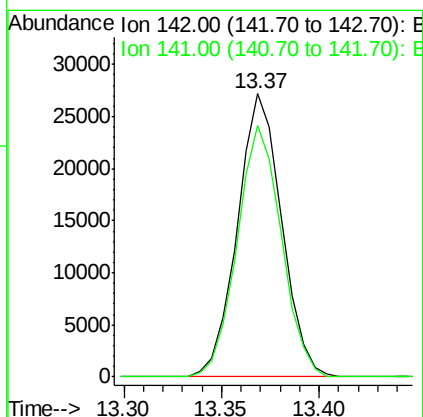
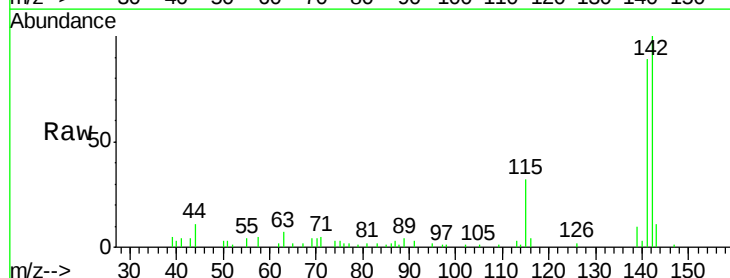
RT: 13.37 min Scan# 1748

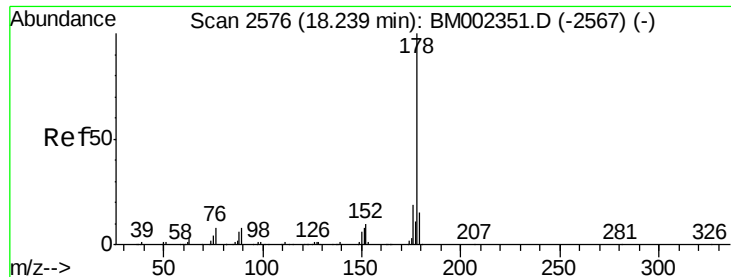
Delta R.T. 0.01 min

Lab File: BM002363.D

Acq: 12 Aug 2015 16:24

Tgt Ion:	142	Resp:	42634
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.5	108.7





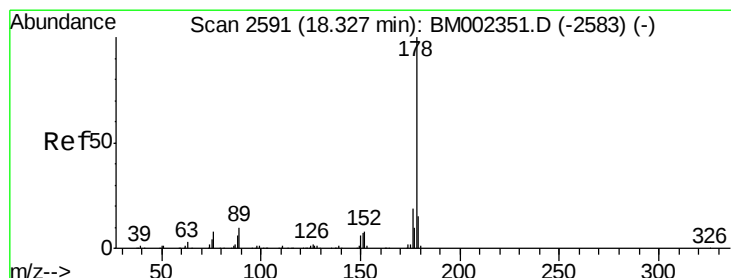
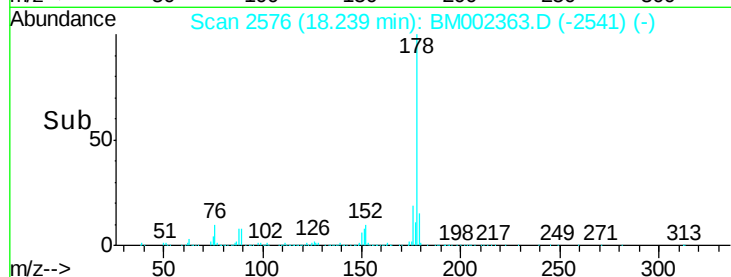
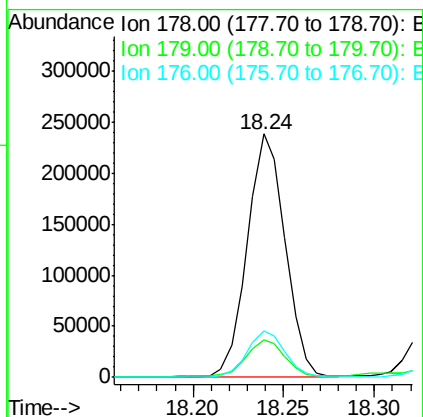
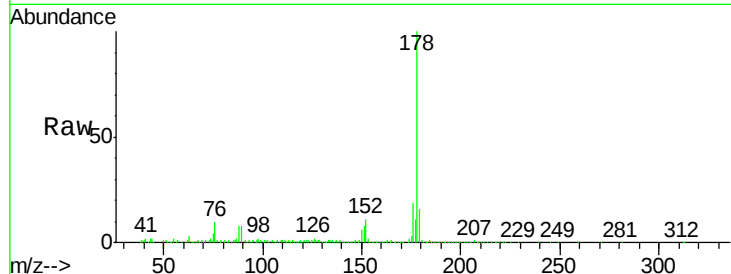
#13
Phenanthrene
Concen: 6.16 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BM002363.D
Acq: 12 Aug 2015 16:24

Instrument :
BNA_M
ClientSampleId :
D9C96

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.9	15.3	22.9

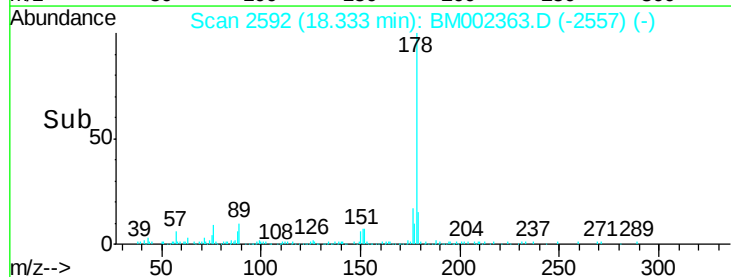
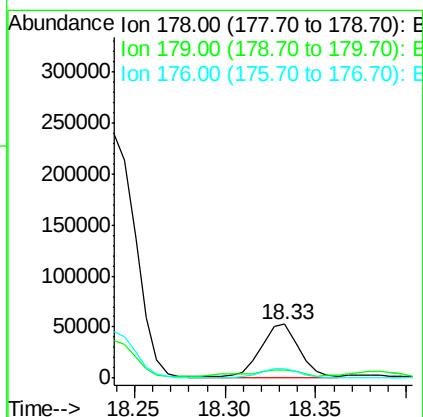
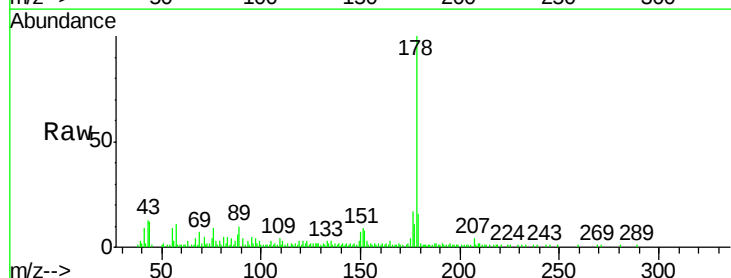
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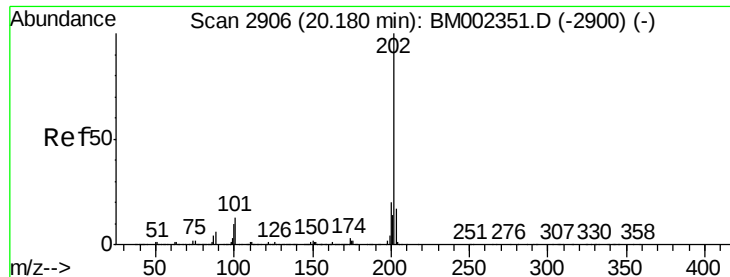
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#15
Anthracene
Concen: 1.32 ng/ul
RT: 18.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BM002363.D
Acq: 12 Aug 2015 16:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	17.4	14.5	21.7





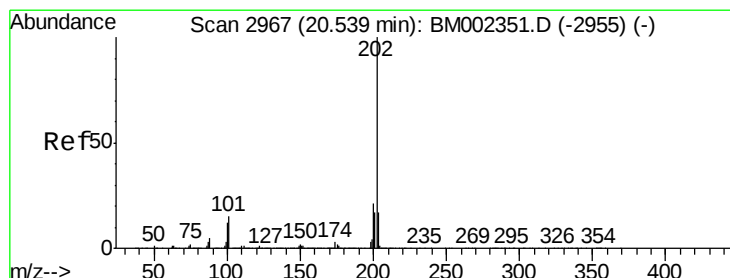
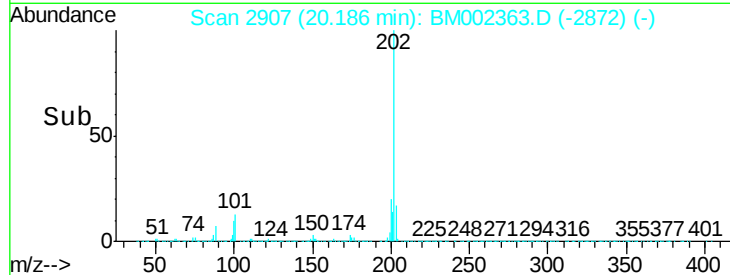
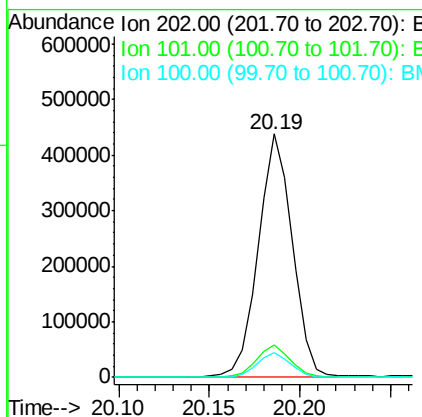
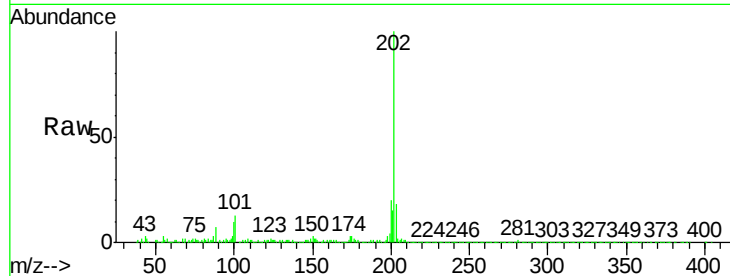
#16
Fluoranthene
 Concen: 9.16 ng/ul
 RT: 20.19 min Scan# 2907
 Delta R.T. 0.01 min
 Lab File: BM002363.D
 Acq: 12 Aug 2015 16:24

Instrument :
 BNA_M
 ClientSampleId :
 D9C96

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		565834		
101	13.4	10.6	15.8		
100	10.0	8.2	12.4		

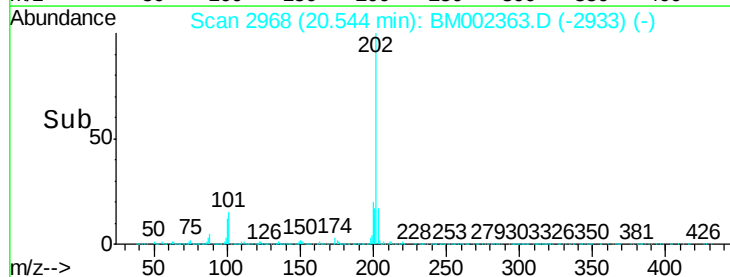
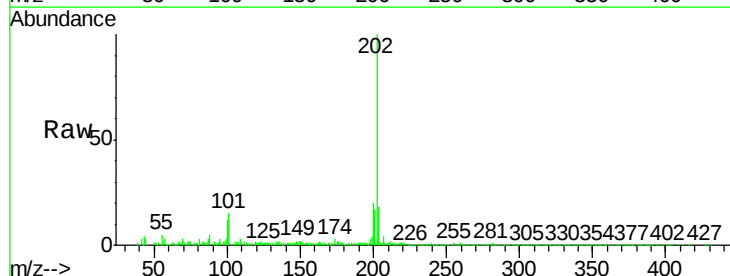
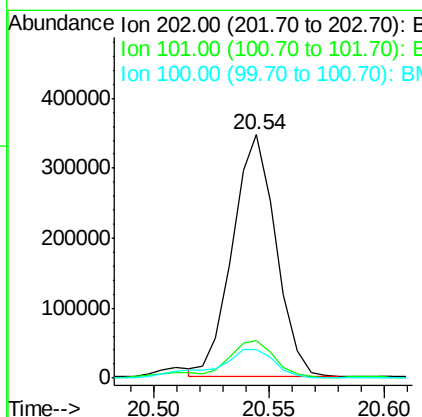
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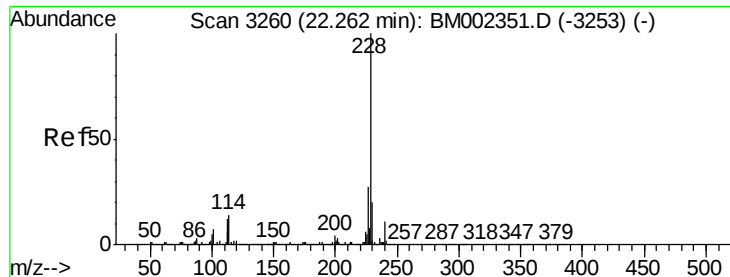
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#19
Pyrene
 Concen: 10.16 ng/ul
 RT: 20.54 min Scan# 2968
 Delta R.T. 0.01 min
 Lab File: BM002363.D
 Acq: 12 Aug 2015 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		455397		
101	15.3	13.0	19.6		
100	11.8	11.0	16.4		





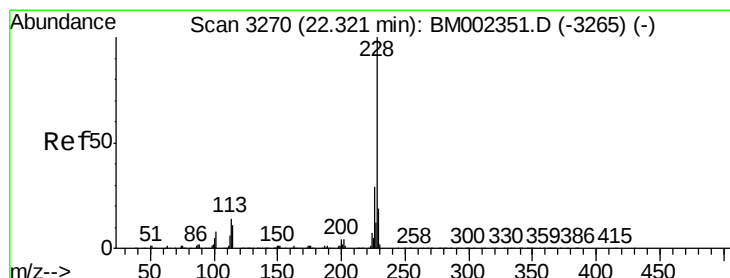
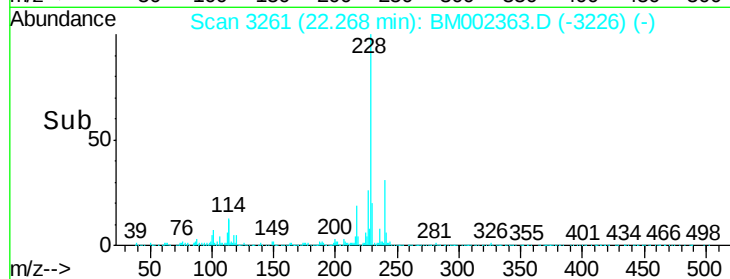
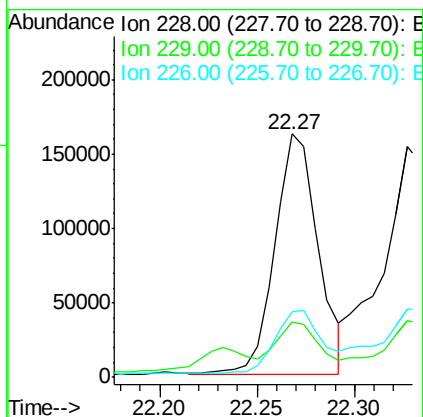
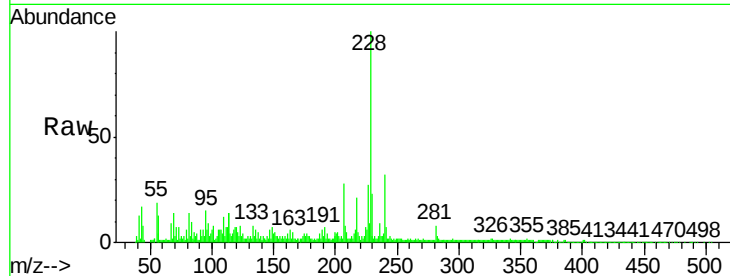
#20
Benzo(a)anthracene
Concen: 5.89 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002363.D
Acq: 12 Aug 2015 16:24

Instrument :
BNA_M
ClientSampled :
D9C96

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.7	23.5
226	26.9	21.4	32.0

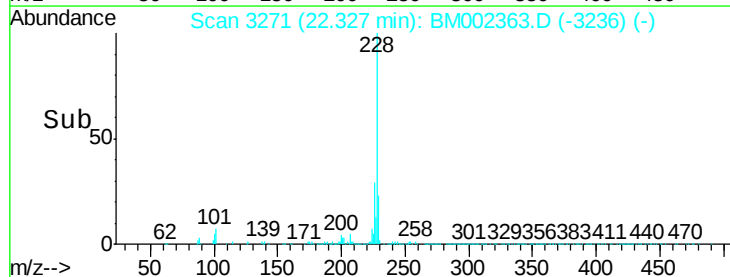
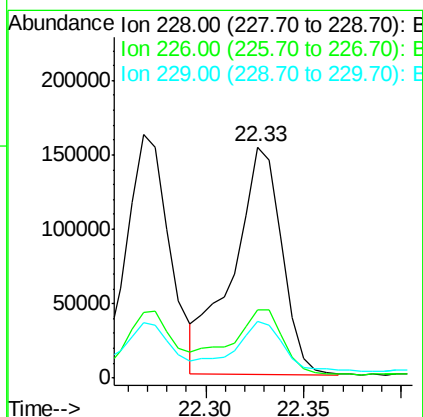
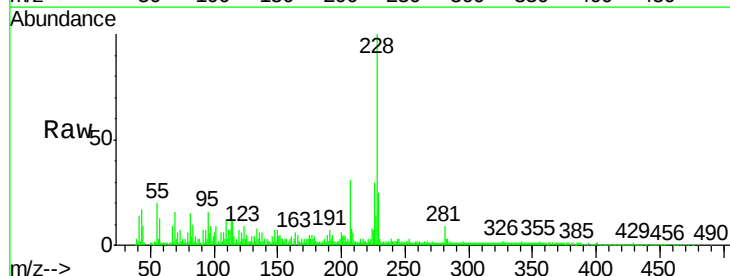
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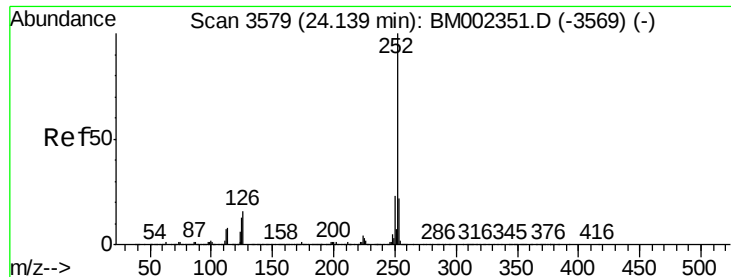
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#21
Chrysene
Concen: 6.71 ng/ul m
RT: 22.33 min Scan# 3271
Delta R.T. 0.01 min
Lab File: BM002363.D
Acq: 12 Aug 2015 16:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	24.6	15.5	23.3#





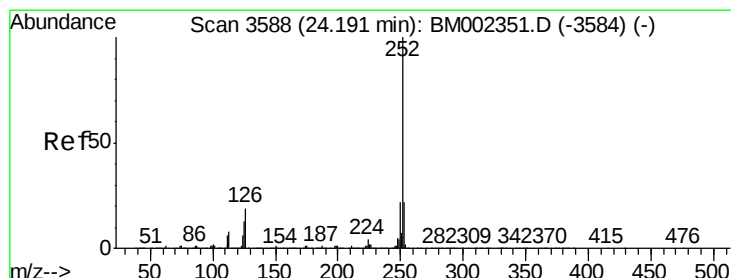
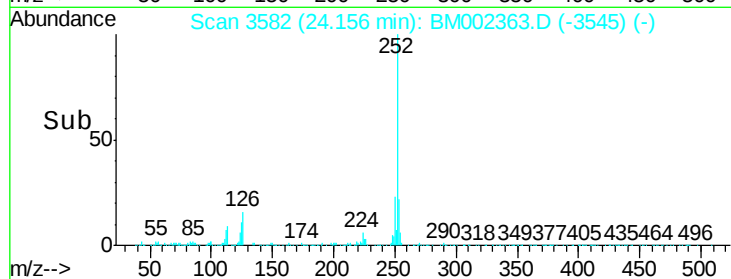
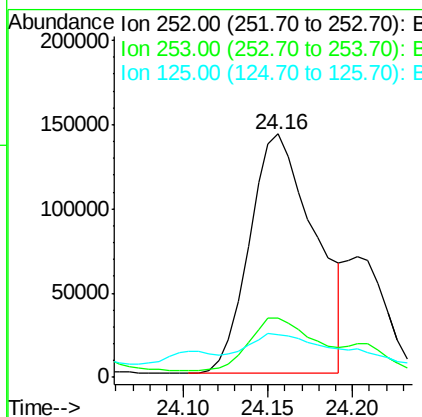
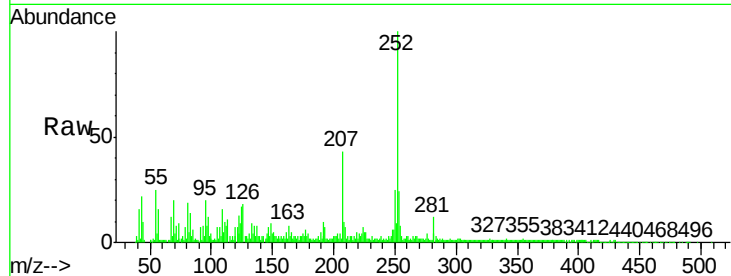
#23
Benzo(b)fluoranthene
Concen: 9.25 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.02 min
Lab File: BM002363.D
Acq: 12 Aug 2015 16:24

Instrument :
BNA_M
ClientSampleId :
D9C96

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	17.9	26.9
125	17.5	10.3	15.5

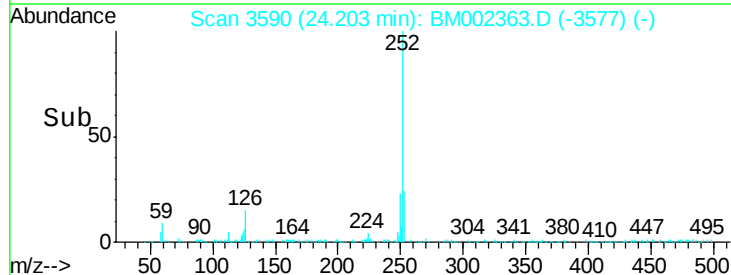
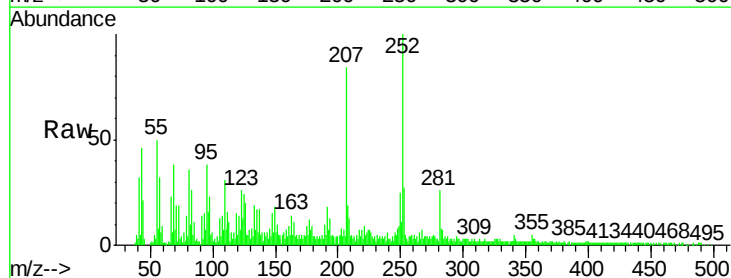
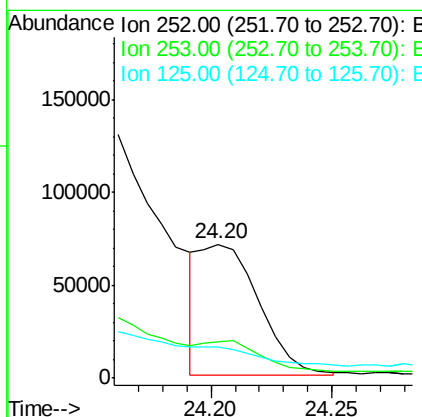
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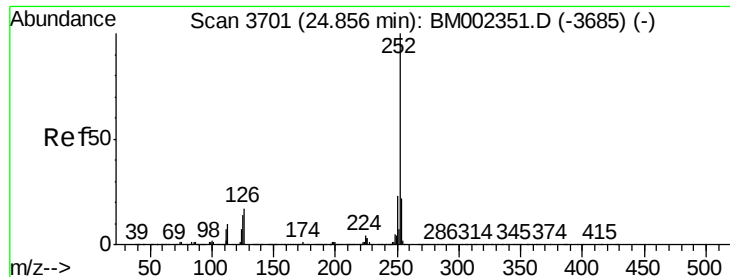
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#24
Benzo(k)fluoranthene
Concen: 2.96 ng/ul m
RT: 24.20 min Scan# 3590
Delta R.T. 0.01 min
Lab File: BM002363.D
Acq: 12 Aug 2015 16:24

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.4	17.3	25.9
125	23.5	10.2	15.4





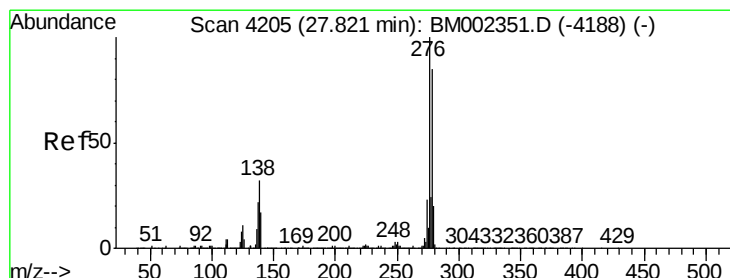
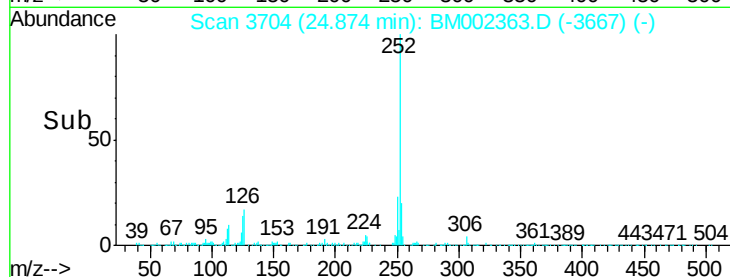
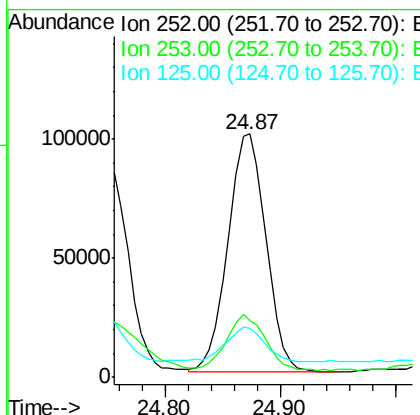
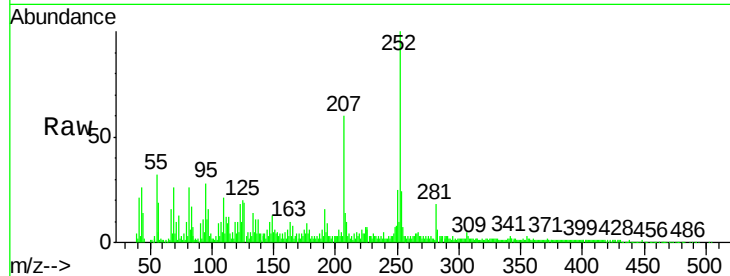
#26
Benzo(a)pyrene
Concen: 5.78 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.02 min
Lab File: BM002363.D
Acq: 12 Aug 2015 16:24

Instrument :
BNA_M
ClientSampleId :
D9C96

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	17.3	25.9
125	20.1	11.0	16.6

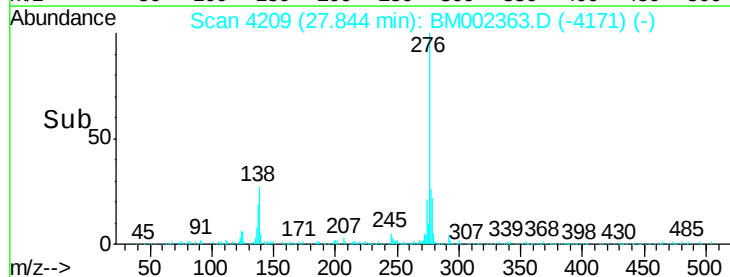
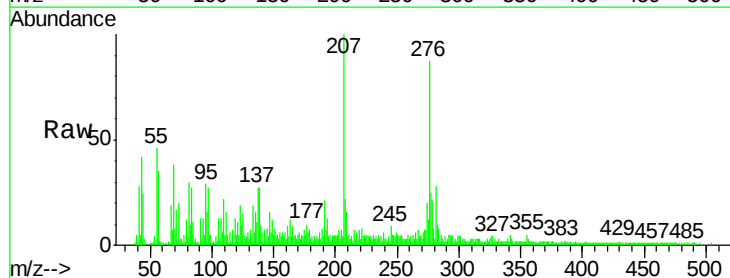
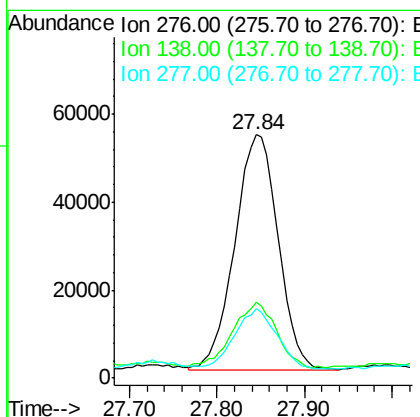
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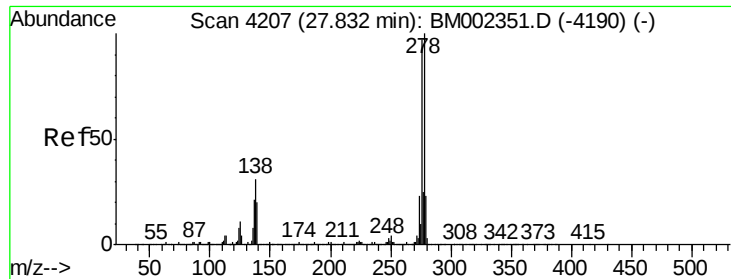
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#27
Indeno(1,2,3-cd)pyrene
Concen: 4.02 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. 0.02 min
Lab File: BM002363.D
Acq: 12 Aug 2015 16:24

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	31.1	25.6	38.4
277	28.7	21.0	31.4





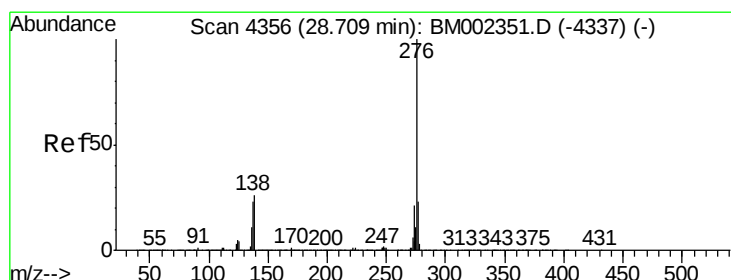
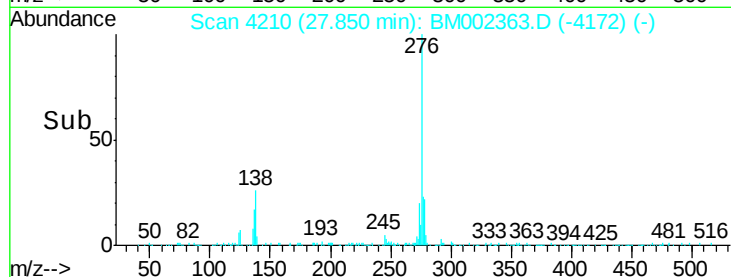
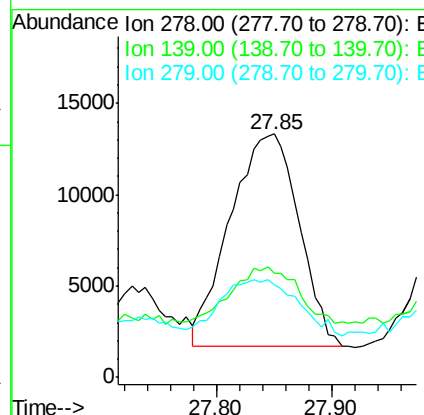
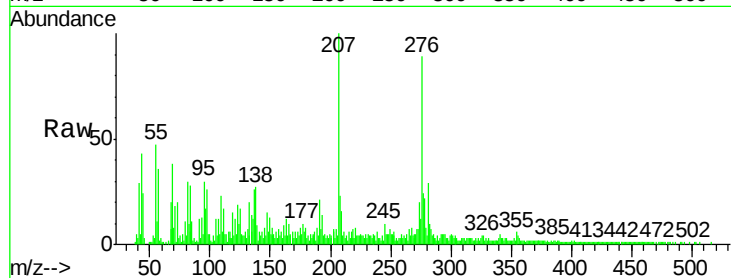
#28
Dibenzo(a,h)anthracene
Concen: 1.26 ng/ul
RT: 27.85 min Scan# 4210
Delta R.T. 0.02 min
Lab File: BM002363.D
Acq: 12 Aug 2015 16:24

Instrument :
BNA_M
ClientSampleId :
D9C96

Tot Ion	Ratio	Lower	Upper
278	100		
139	42.7	16.4	24.6#
279	38.0	18.8	28.2#

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#29
Benzo(g,h,i)perylene
Concen: 4.51 ng/ul
RT: 28.73 min Scan# 4360
Delta R.T. 0.03 min
Lab File: BM002363.D
Acq: 12 Aug 2015 16:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	20.5	30.7#
277	28.3	19.0	28.6

