

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
 Data File : BM000434.D
 Acq On : 05 Feb 2015 19:37
 Operator : TP/IZ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 4

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC0.4EC

Manual Integrations
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Quant Time: Feb 06 09:06:30 2015

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 05 14:01:48 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2271	1.60	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7477	1.60	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4741	1.60	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9480	1.60	ng/ul	0.00
16) Chrysene-d12	21.31	240	7961	1.60	ng/ul	0.00
20) Perylene-d12	23.55	264	6997	1.60	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.11	152	3869	1.55	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7754	1.51	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	10.56	128	7297	1.54	ng/ul	100
5) 2-Methylnaphthalene	12.18	142	5052	1.52	ng/ul	98
7) Acenaphthylene	14.10	152	7258	1.47	ng/ul	99
8) Acenaphthene	14.43	153	5523	1.50	ng/ul	99
9) Fluorene	15.43	166	6616	1.51	ng/ul	100
11) Pentachlorophenol	16.78	266	509	0.92	ng/ul	97
12) Phenanthrene	17.16	178	10381	1.54	ng/ul	100
13) Anthracene	17.24	178	9354m	1.50	ng/ul	
15) Fluoranthene	19.19	202	11670	1.52	ng/ul	99
17) Pyrene	19.55	202	11810	1.55	ng/ul	98
18) Benzo(a)anthracene	21.29	228	9346	1.49	ng/ul	97
19) Chrysene	21.34	228	10835	1.59	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	9540	1.47	ng/ul	99
22) Benzo(k)fluoranthene	22.92	252	10125	1.62	ng/ul	95
23) Benzo(a)pyrene	23.45	252	9088	1.53	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.82	276	10335	1.55	ng/ul	99
25) Dibenzo(a,h)anthracene	25.83	278	8267	1.54	ng/ul	96
26) Benzo(g,h,i)perylene	26.50	276	9073	1.55	ng/ul	98

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

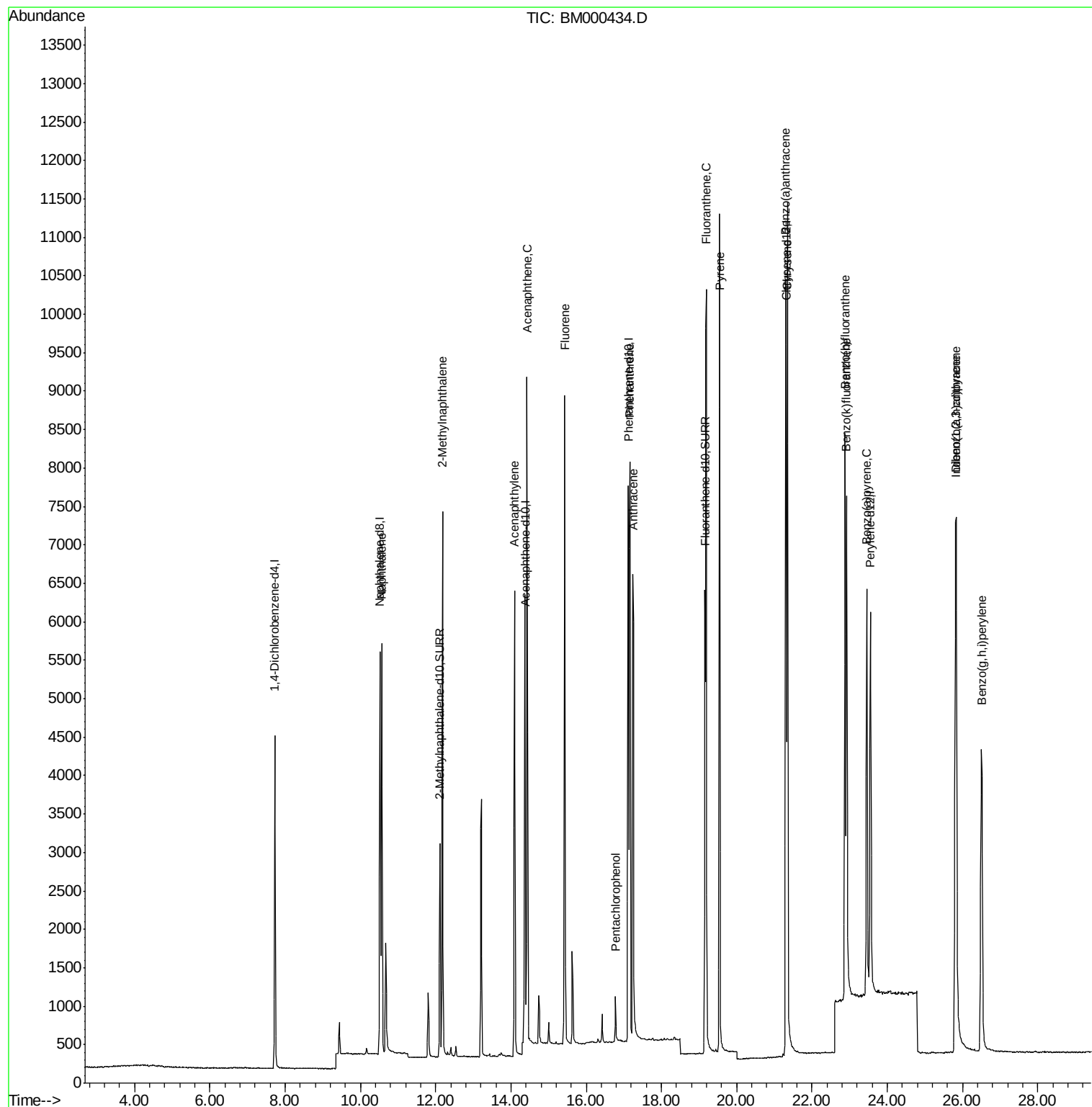
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
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Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 4

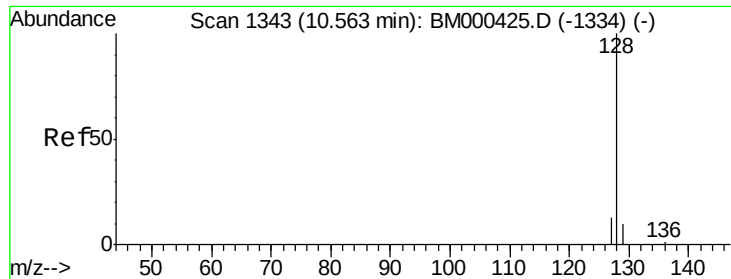
Instrument :
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#3

Naphthalene

Concen: 1.54 ng/ul

RT: 10.56 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

Instrument :

BNA_M

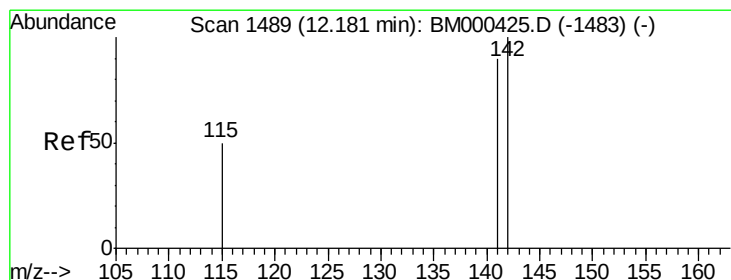
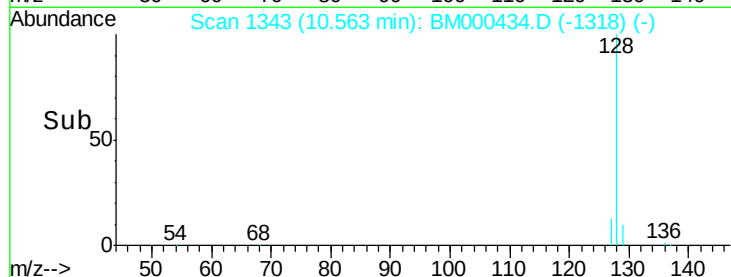
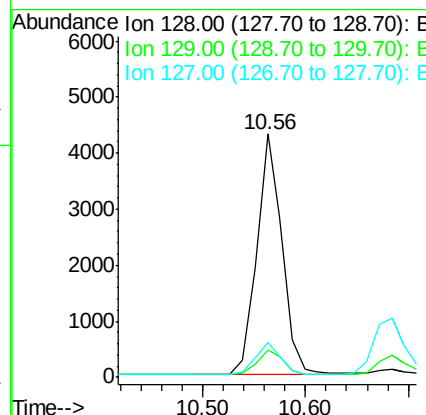
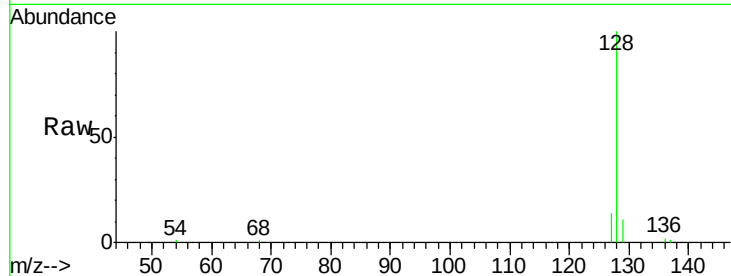
LabSampleId :

SSTDCCC0.4EC

Tgt Ion:	128	Resp:	7297
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.2	13.8
127	14.1	11.4	17.0

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#5

2-Methylnaphthalene

Concen: 1.52 ng/ul

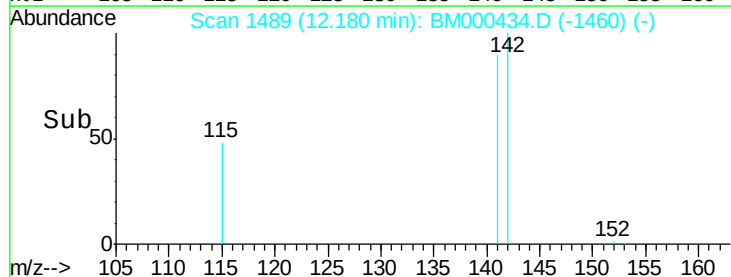
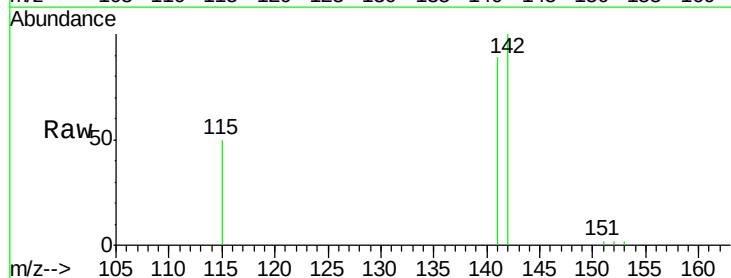
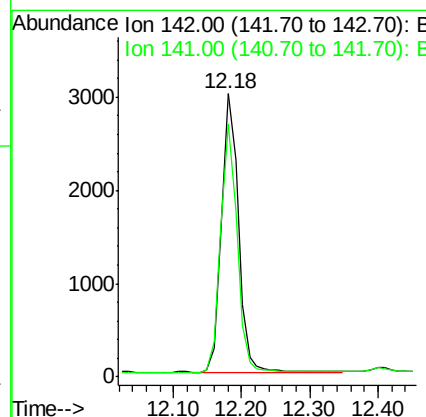
RT: 12.18 min Scan# 1489

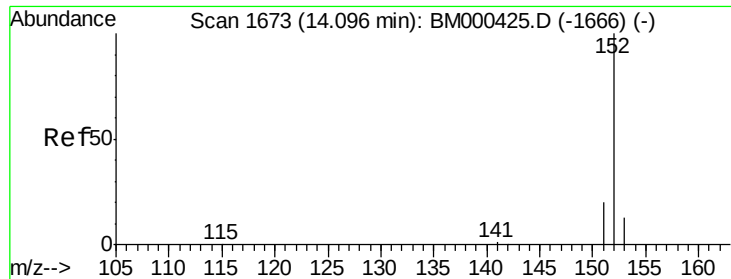
Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

Tgt Ion:	142	Resp:	5052
Ion Ratio	Lower	Upper	
142	100		
141	86.8	71.0	106.6





#7

Acenaphthylene

Concen: 1.47 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BM000434.D

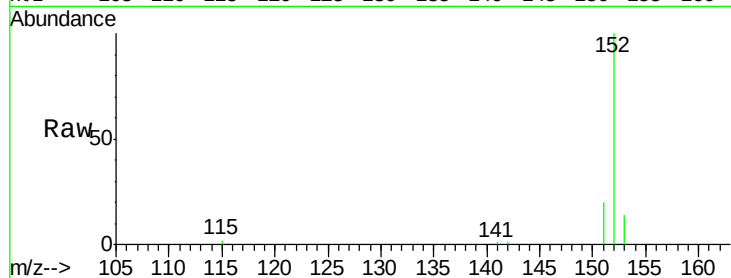
Acq: 05 Feb 2015 19:37

Instrument :

BNA_M

LabSampleId :

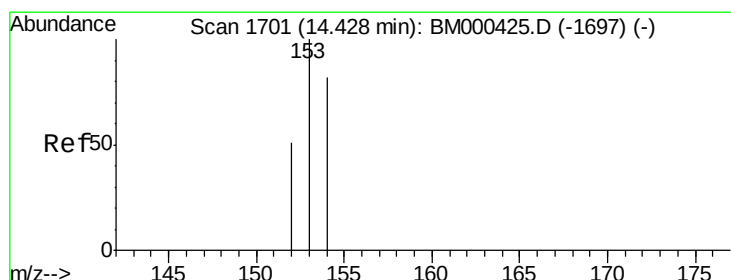
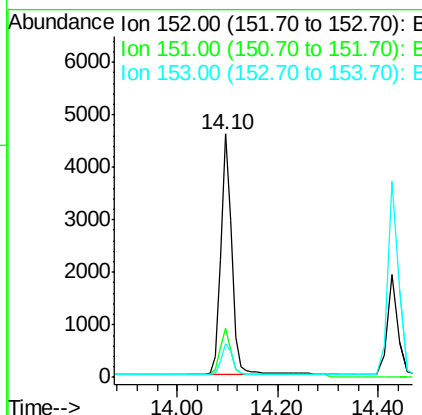
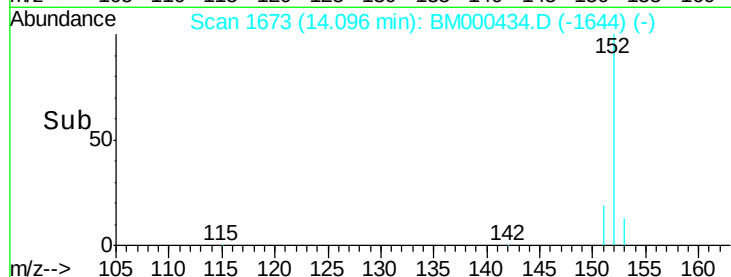
SSTDCCC0.4EC



Tgt Ion:	152	Resp:	7258
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.6	25.0
153	13.6	11.2	16.8

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#8

Acenaphthene

Concen: 1.50 ng/ul

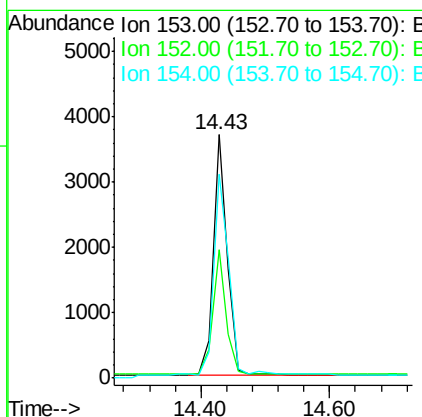
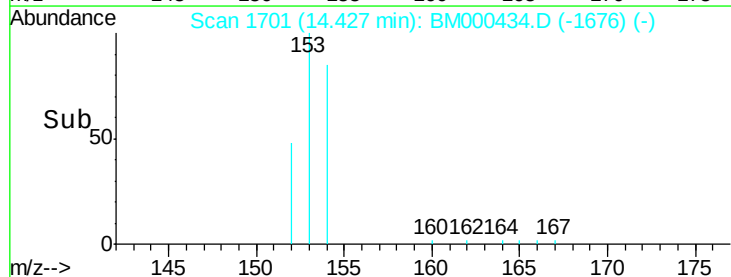
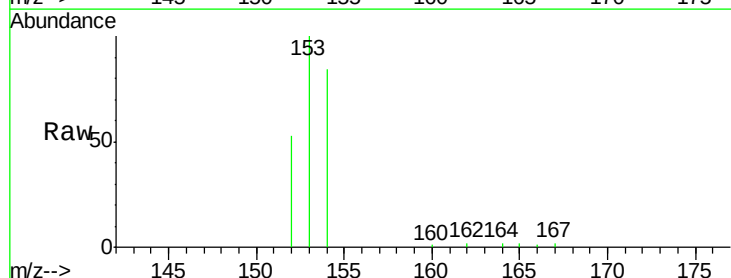
RT: 14.43 min Scan# 1701

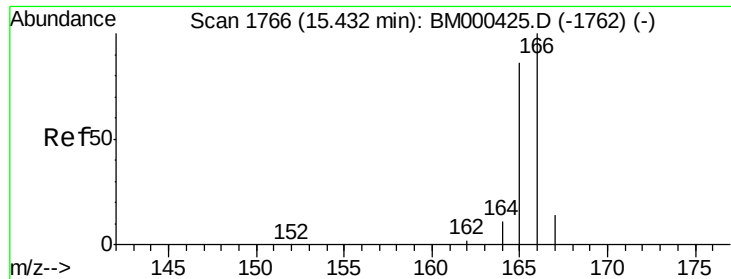
Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

Tgt Ion:	153	Resp:	5523
Ion Ratio	Lower	Upper	
153	100		
152	52.8	41.8	62.8
154	83.7	65.6	98.4





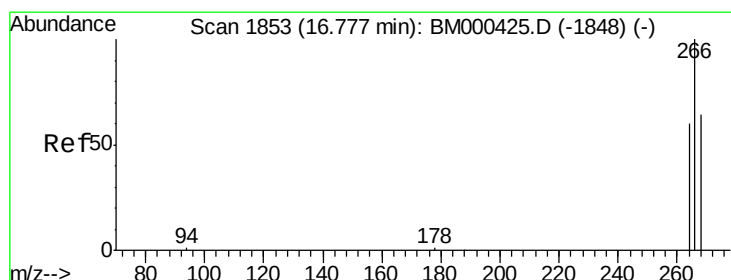
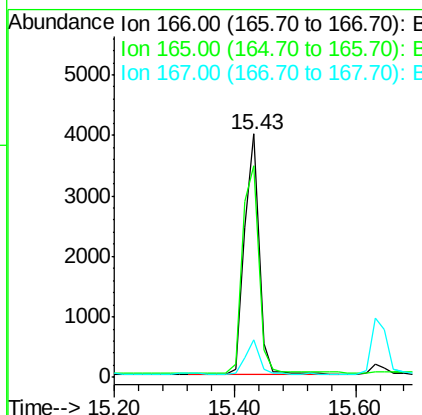
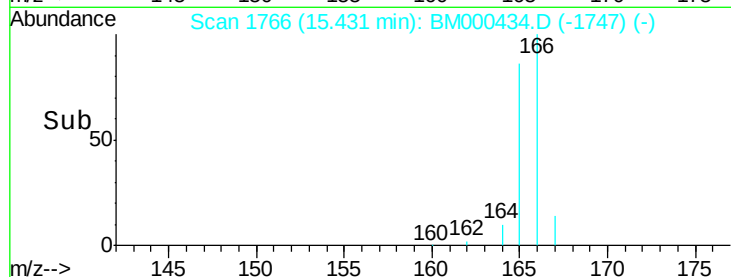
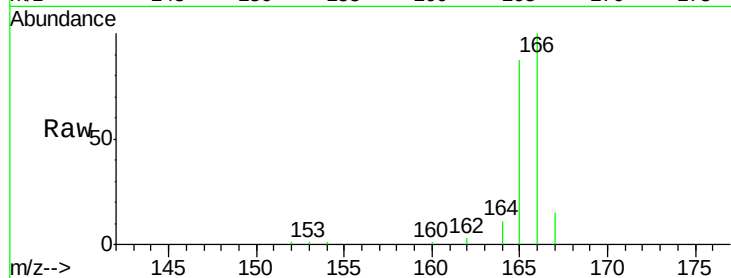
#9
Fluorene
 Concen: 1.51 ng/ul
 RT: 15.43 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BM000434.D
 Acq: 05 Feb 2015 19:37

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
166	100		
165	87.1	69.4	104.0
167	15.5	12.4	18.6

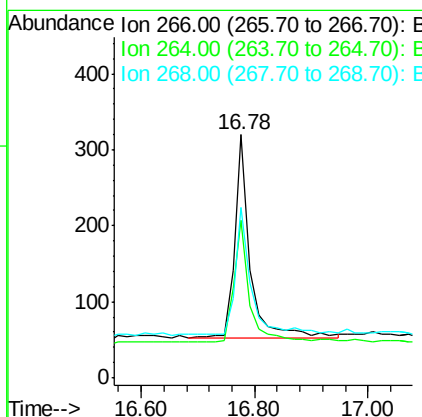
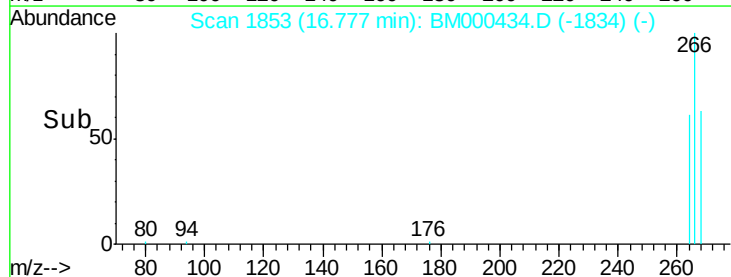
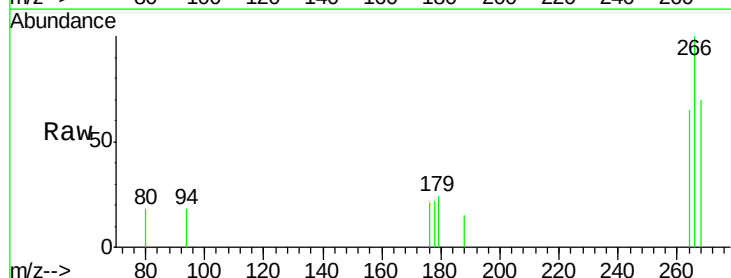
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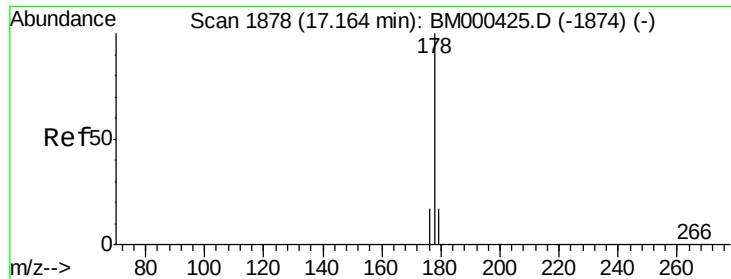
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#11
Pentachlorophenol
 Concen: 0.92 ng/ul
 RT: 16.78 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BM000434.D
 Acq: 05 Feb 2015 19:37

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.7	49.8	74.8
268	64.4	49.4	74.0





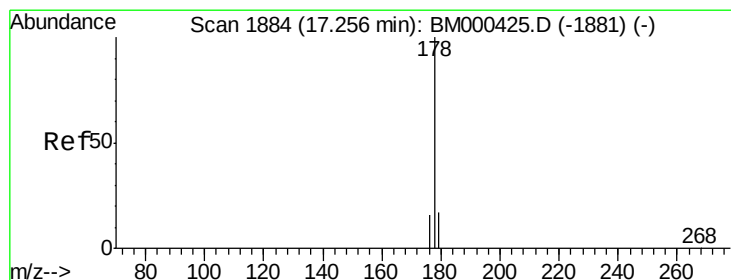
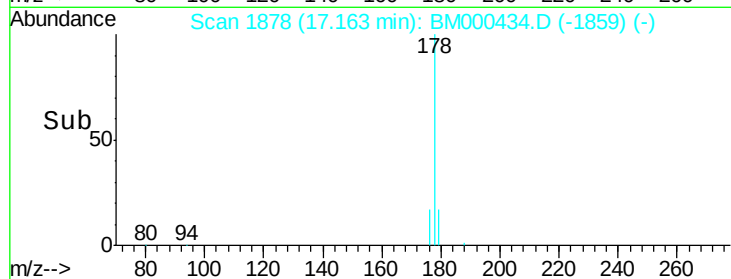
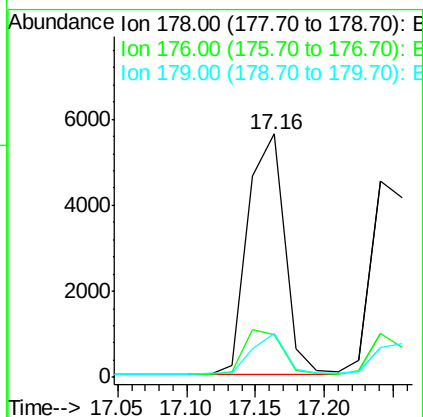
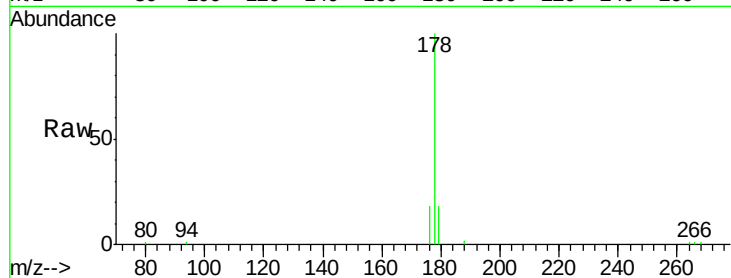
#12
Phenanthrene
Concen: 1.54 ng/ul
RT: 17.16 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM000434.D
Acq: 05 Feb 2015 19:37

Instrument :
BNA_M
LabSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	18.1	14.4	21.6

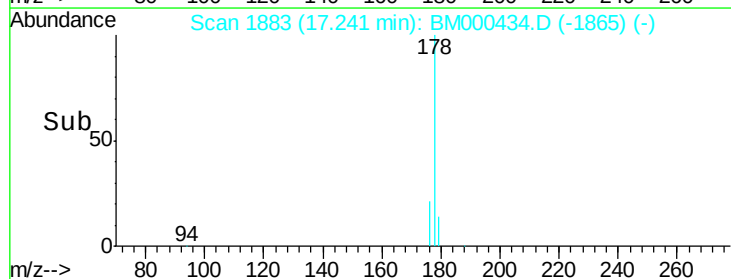
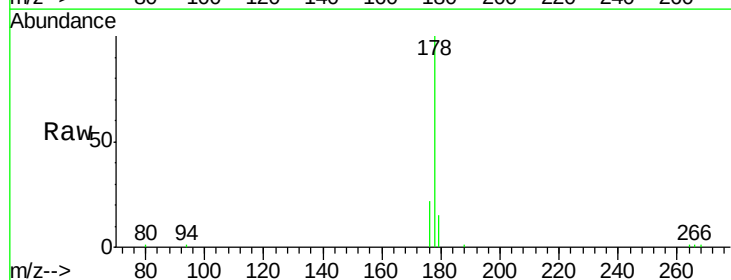
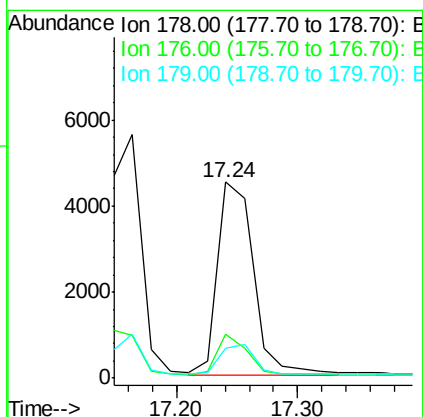
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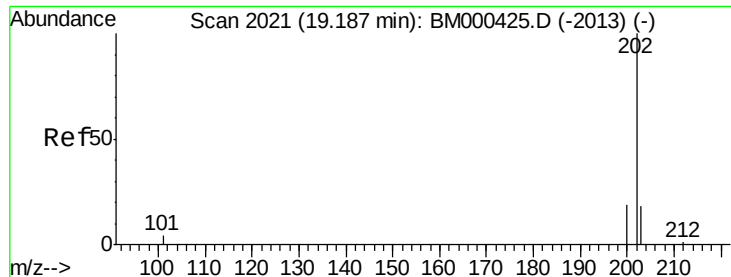
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#13
Anthracene
Concen: 1.50 ng/ul m
RT: 17.24 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BM000434.D
Acq: 05 Feb 2015 19:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.3	13.8	20.8#
179	15.2	14.8	22.2





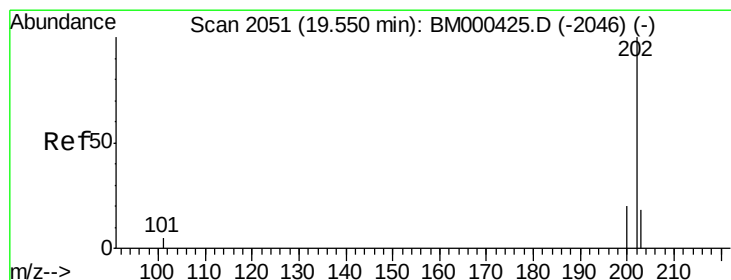
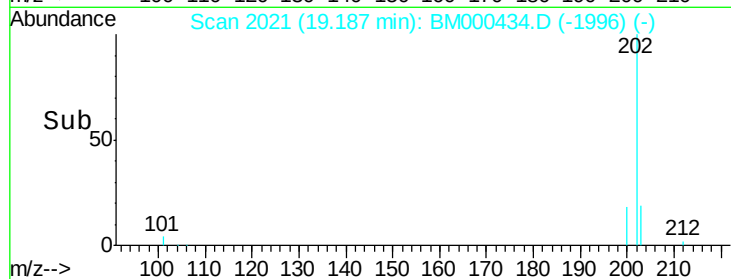
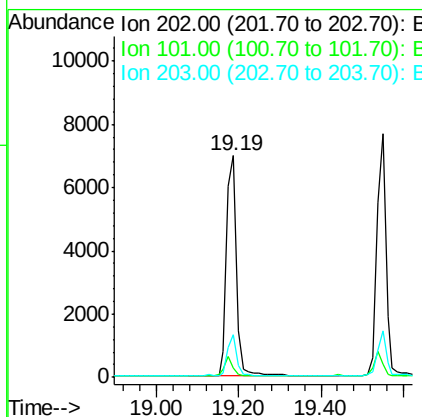
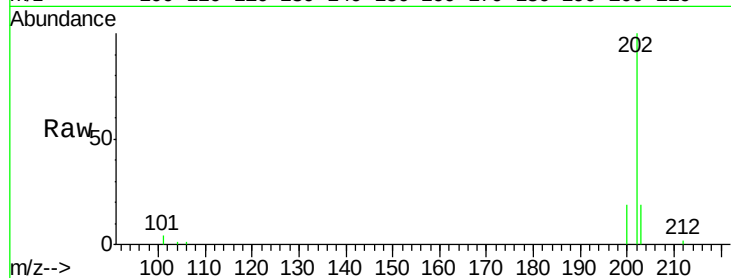
#15
Fluoranthene
Concen: 1.52 ng/ul
RT: 19.19 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BM000434.D
Acq: 05 Feb 2015 19:37

Instrument :
BNA_M
LabSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	4.5	0.0	24.6
203	19.4	0.0	38.9

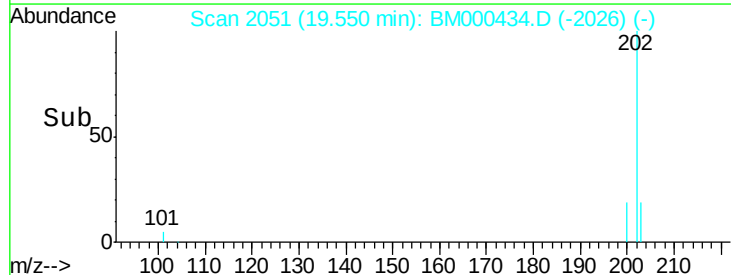
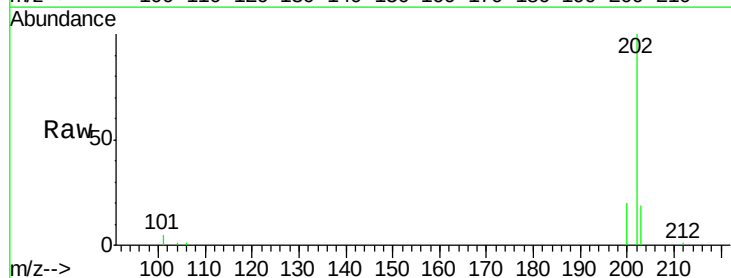
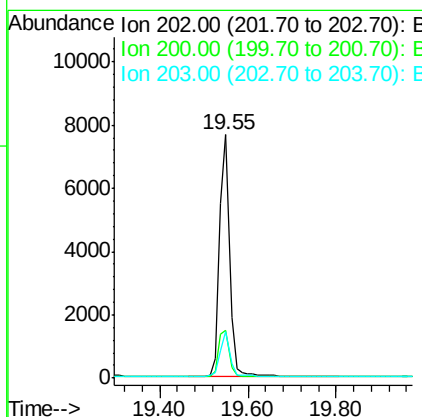
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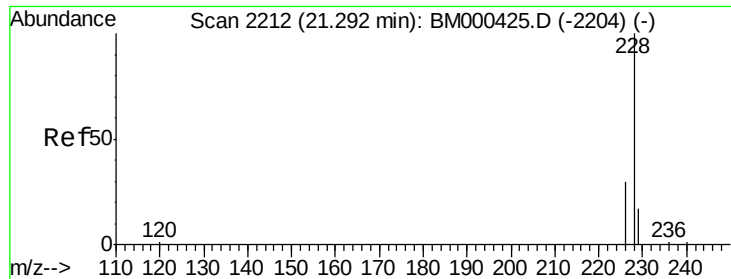
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#17
Pyrene
Concen: 1.55 ng/ul
RT: 19.55 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BM000434.D
Acq: 05 Feb 2015 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.8	16.3	24.5
203	19.1	14.7	22.1





#18

Benzo(a)anthracene

Concen: 1.49 ng/ul

RT: 21.29 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BM000434.D

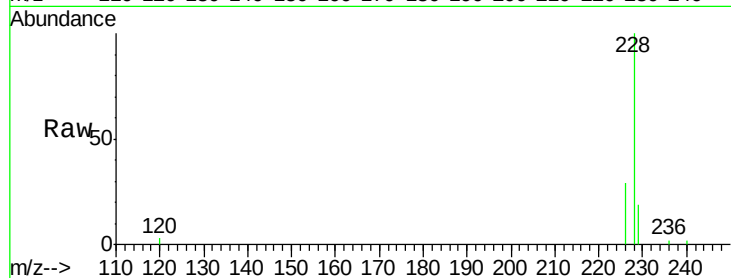
Acq: 05 Feb 2015 19:37

Instrument :

BNA_M

LabSampleId :

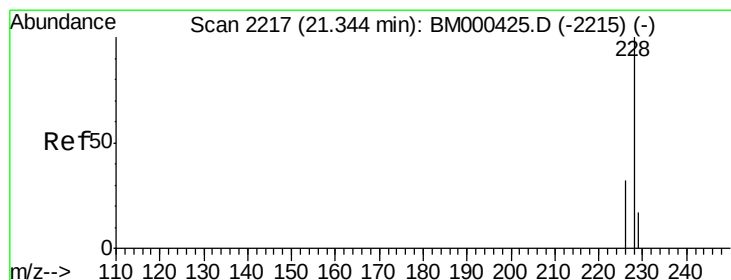
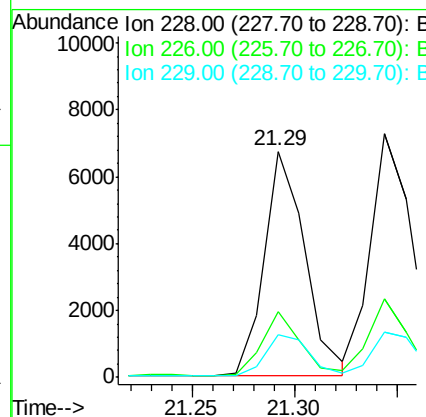
SSTDCCC0.4EC



Tgt Ion:	228	Resp:	9346
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.5	36.7
229	18.8	14.0	21.0

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#19

Chrysene

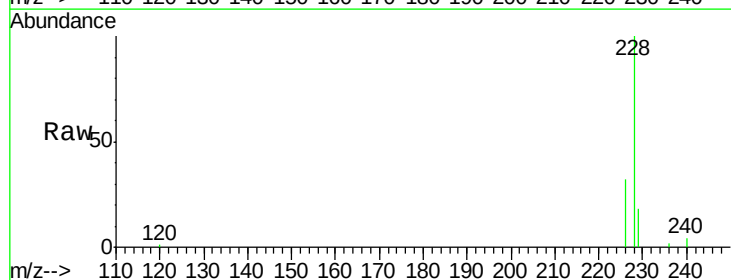
Concen: 1.59 ng/ul

RT: 21.34 min Scan# 2217

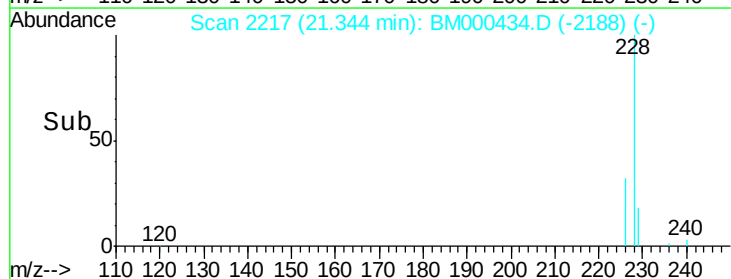
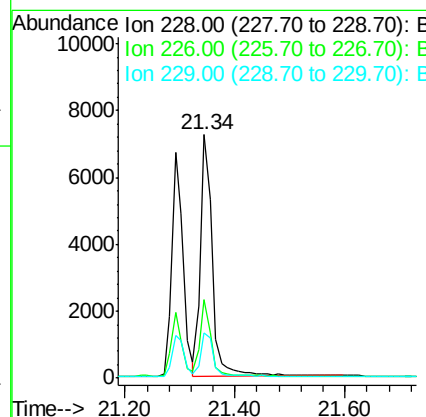
Delta R.T. -0.00 min

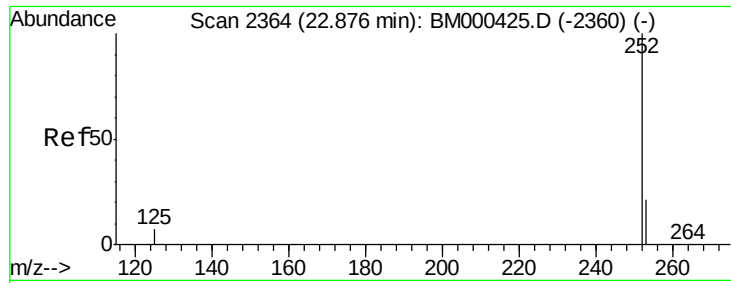
Lab File: BM000434.D

Acq: 05 Feb 2015 19:37



Tgt Ion:	228	Resp:	10835
Ion Ratio	Lower	Upper	
228	100		
226	32.1	26.2	39.4
229	18.4	14.6	22.0





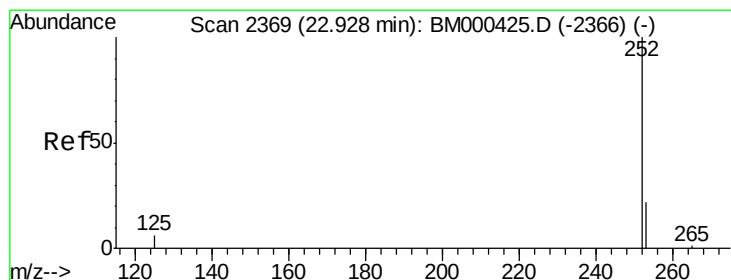
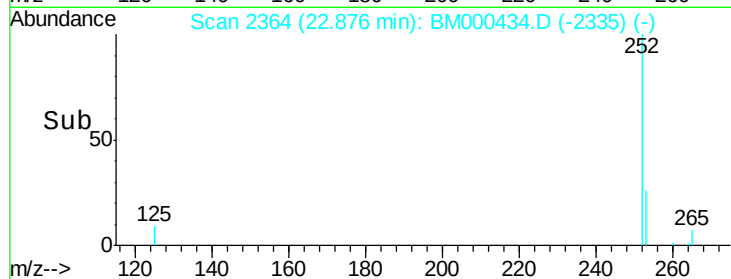
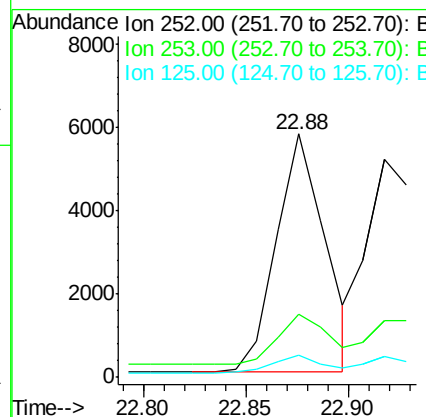
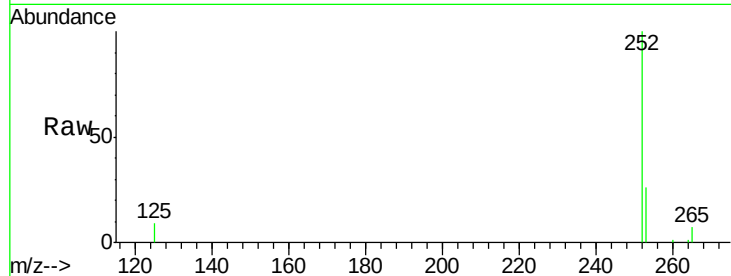
#21
Benzo(b)fluoranthene
Concen: 1.47 ng/ul
RT: 22.88 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BM000434.D
Acq: 05 Feb 2015 19:37

Instrument :
BNA_M
LabSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	53.8
125	9.0	0.0	18.0

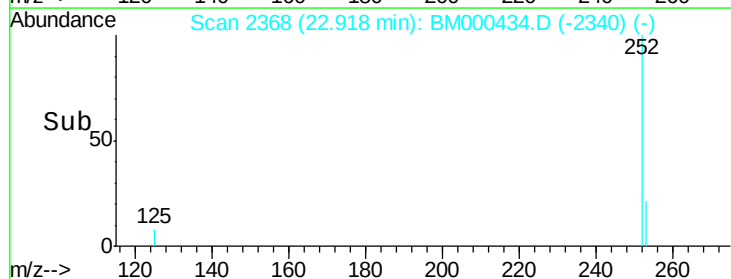
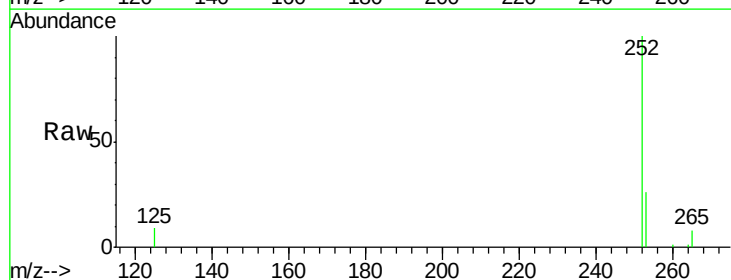
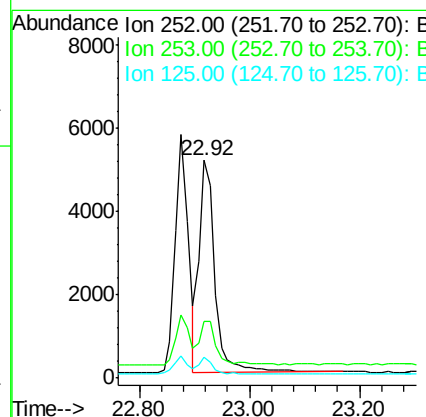
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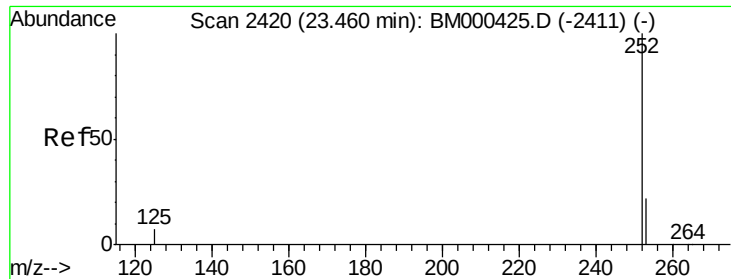
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#22
Benzo(k)fluoranthene
Concen: 1.62 ng/ul
RT: 22.92 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BM000434.D
Acq: 05 Feb 2015 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	23.3	34.9
125	9.3	6.2	9.4





#23

Benzo(a)pyrene

Concen: 1.53 ng/ul

RT: 23.45 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM000434.D

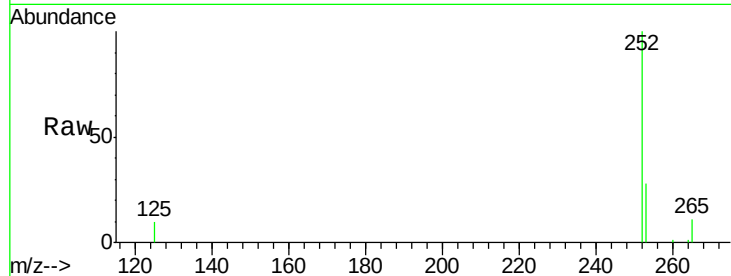
Acq: 05 Feb 2015 19:37

Instrument :

BNA_M

LabSampleId :

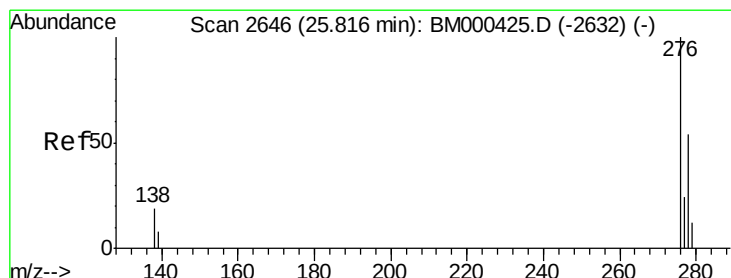
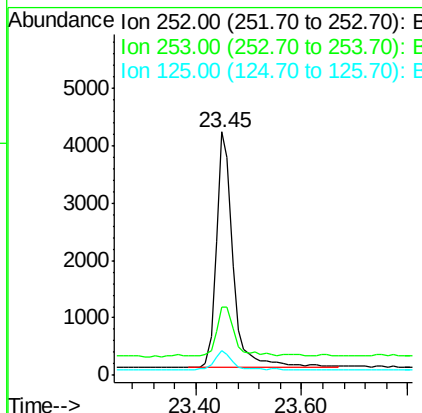
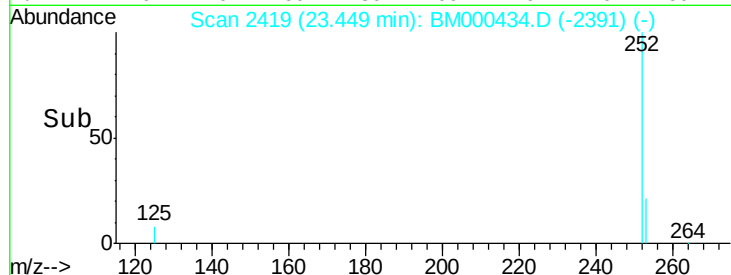
SSTDCCC0.4EC



Tgt Ion:	252	Resp:	9088
Ion Ratio	Lower	Upper	
252	100		
253	28.2	24.0	36.0
125	10.2	7.4	11.0

Manual Integrations
APPROVED

apatel
2/6/2015 2:09:24 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.55 ng/ul

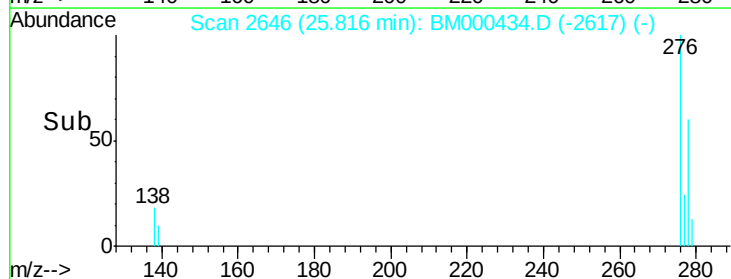
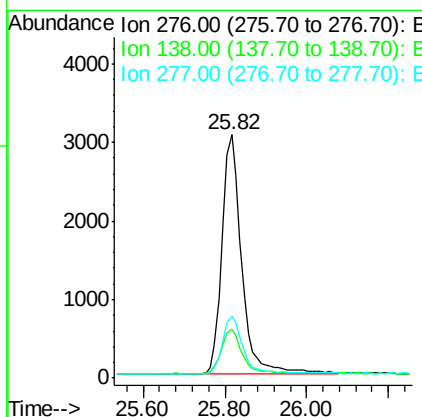
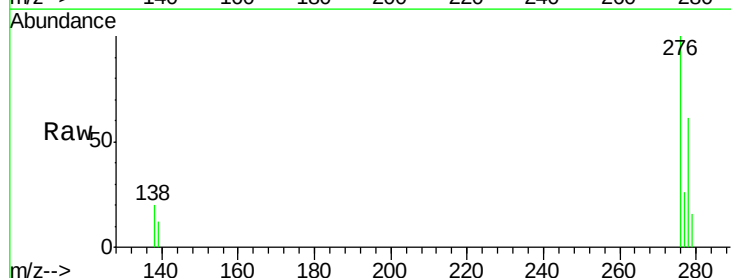
RT: 25.82 min Scan# 2646

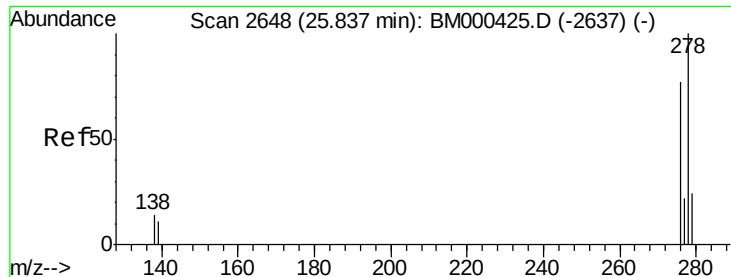
Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

Tgt Ion:	276	Resp:	10335
Ion Ratio	Lower	Upper	
276	100		
138	19.3	15.0	22.4
277	24.6	19.8	29.8





#25

Dibenzo(a,h)anthracene

Concen: 1.54 ng/ul

RT: 25.83 min Scan# 2647

Delta R.T. -0.01 min

Lab File: BM000434.D

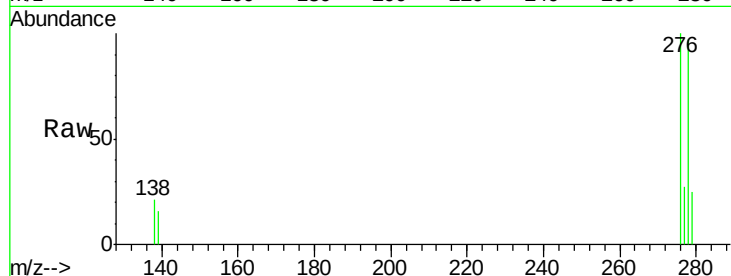
Acq: 05 Feb 2015 19:37

Instrument :

BNA_M

LabSampleId :

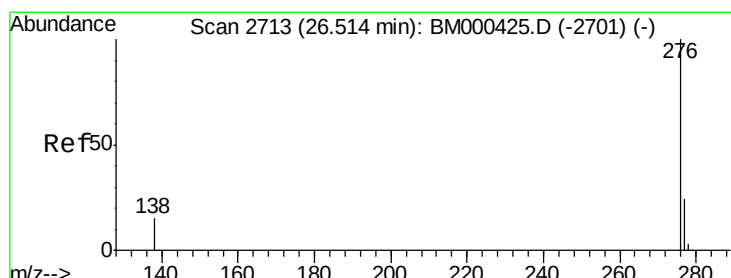
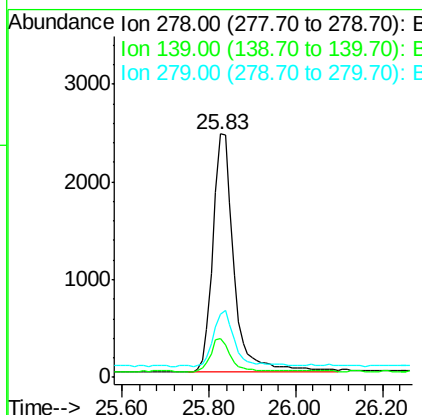
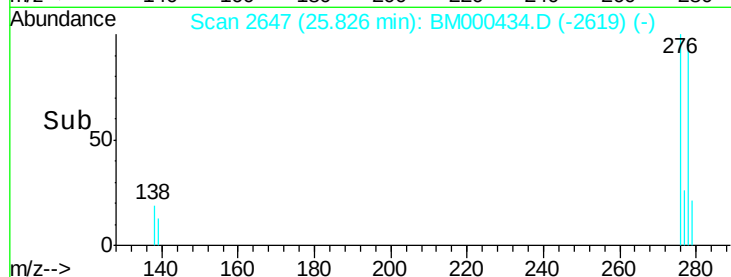
SSTDCCC0.4EC



Tgt Ion:	278	Resp:	8267
Ion Ratio	Lower	Upper	
278	100		
139	16.1	10.9	16.3
279	26.1	22.3	33.5

Manual Integrations
APPROVED

apatel
2/6/2015 2:09:24 PM



#26

Benzo(g,h,i)perylene

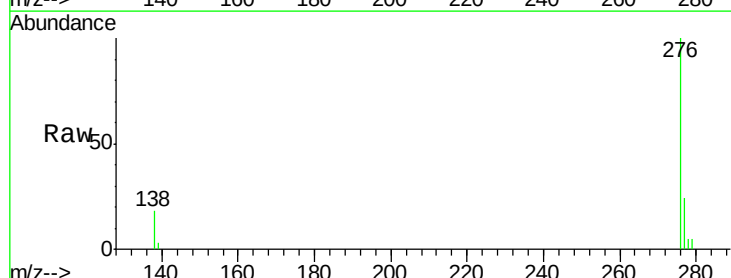
Concen: 1.55 ng/ul

RT: 26.50 min Scan# 2712

Delta R.T. -0.01 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37



Tgt Ion:	276	Resp:	9073
Ion Ratio	Lower	Upper	
276	100		
277	24.2	20.6	30.8
138	18.2	13.9	20.9

