

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008703.D
 Acq On : 28 Dec 2016 20:56
 Operator : UM/SJ
 Sample : H6067-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7F7

Manual Integrations
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Quant Time: Dec 29 04:37:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	379m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.43	136	1190	0.40	ng/ul	-0.13
6) Acenaphthene-d10	14.28	164	782m	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	1417m	0.40	ng/ul	-0.07
16) Chrysene-d12	21.27	240	1423	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	1079m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	493	0.27	ng/ul	-0.08
14) Fluoranthene-d10	19.10	212	1393	0.36	ng/ul	-0.04
Target Compounds				Qvalue		
7) Acenaphthylene	14.01	152	478	0.14	ng/ul#	78
15) Fluoranthene	19.12	202	939	0.18	ng/ul	87
17) Pyrene	19.47	202	1438	0.26	ng/ul#	77
18) Benzo(a)anthracene	21.25	228	1827	0.39	ng/ul#	89
19) Chrysene	21.30	228	2577	0.50	ng/ul#	91
21) Benzo(b)fluoranthene	22.82	252	5389m	1.27	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	1612m	0.39	ng/ul	
23) Benzo(a)pyrene	23.39	252	3347m	0.85	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.77	276	2397	0.51	ng/ul#	90
26) Benzo(g,h,i)perylene	26.45	276	1937	0.48	ng/ul#	93

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

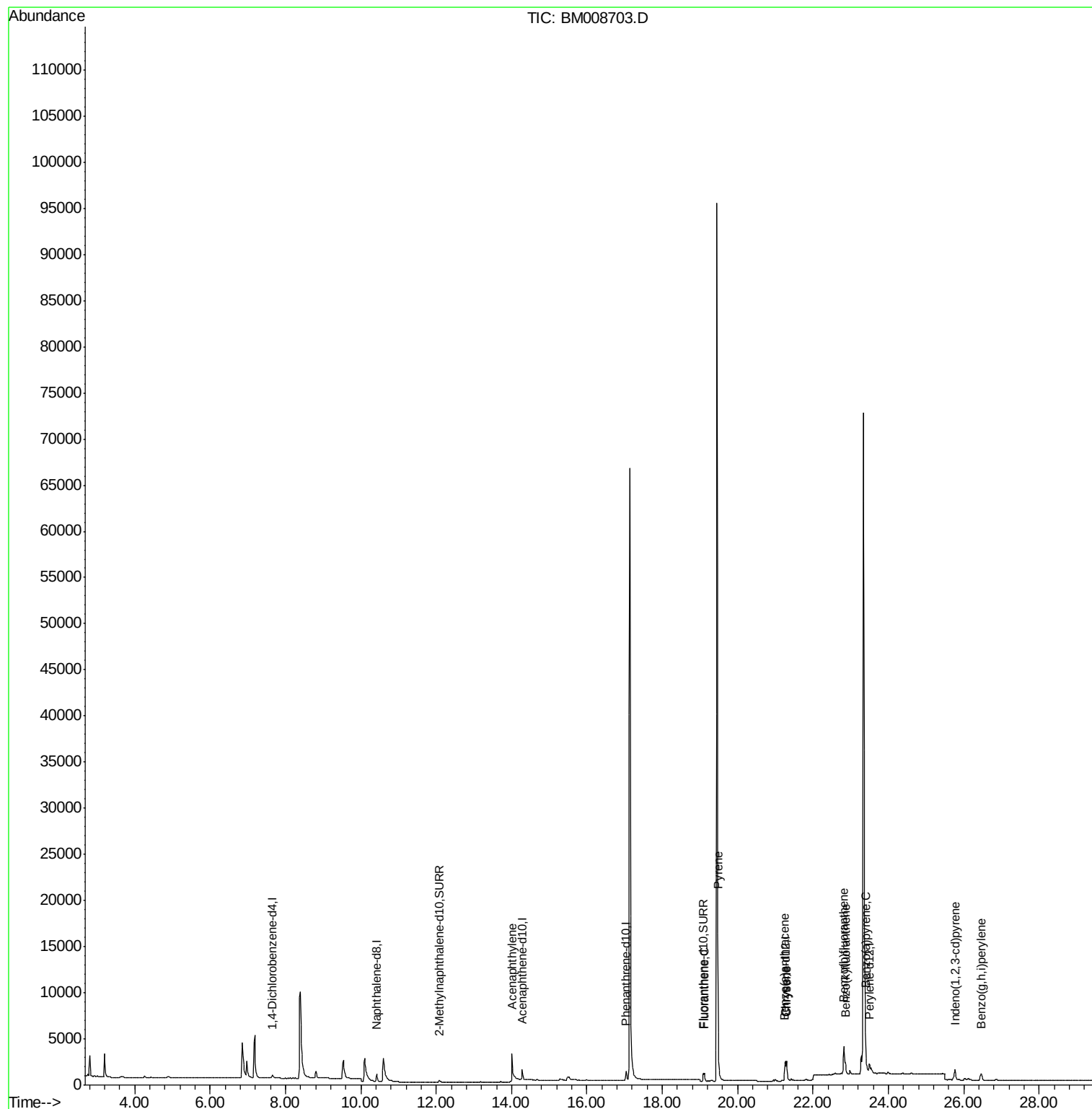
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008703.D
Acq On : 28 Dec 2016 20:56
Operator : UM/SJ
Sample : H6067-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

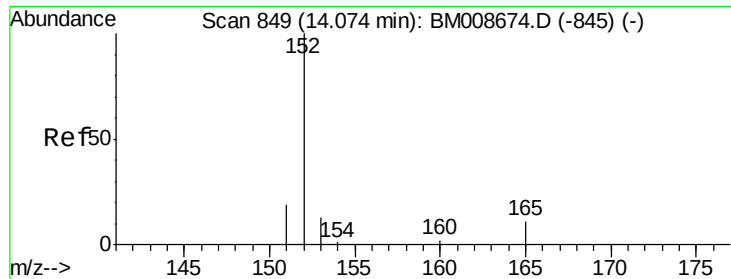
Instrument :
BNA_M
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.14 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.07 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

Instrument :

BNA_M

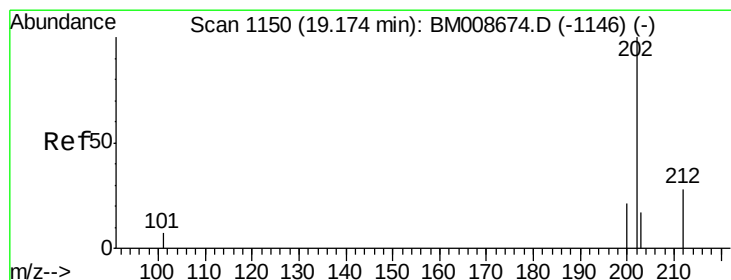
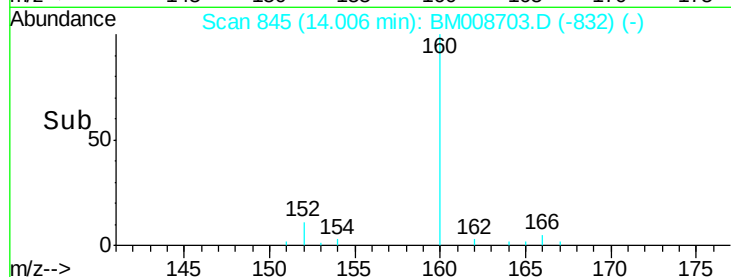
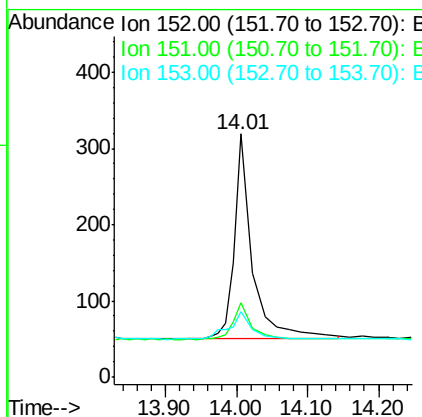
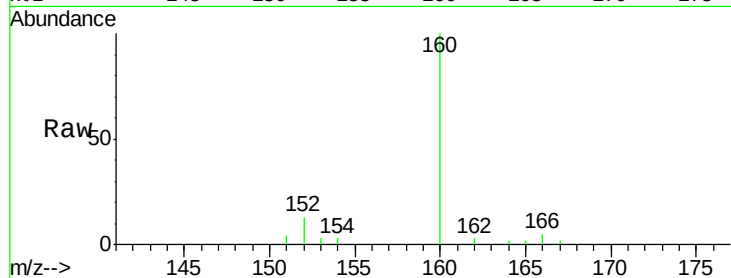
ClientSampleId :

DA7F7

Tgt Ion:	152	Resp:	478
Ion Ratio	Lower	Upper	
152	100		
151	30.7	17.1	25.7#
153	27.0	12.8	19.2#

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#15

Fluoranthene

Concen: 0.18 ng/ul

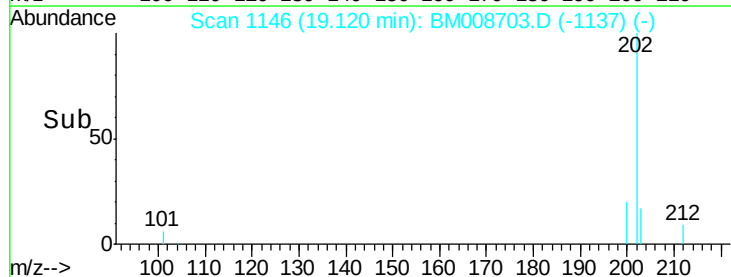
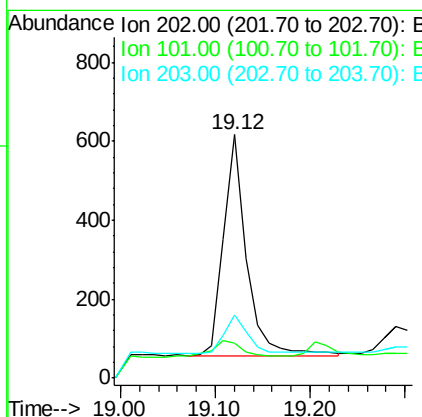
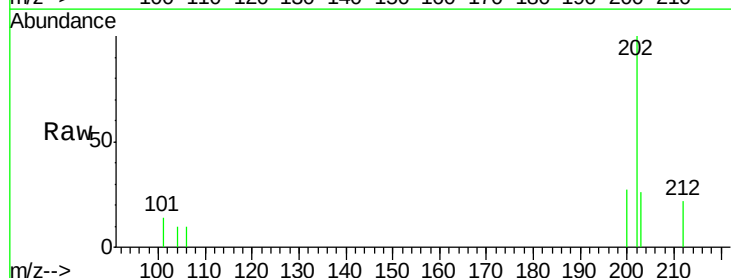
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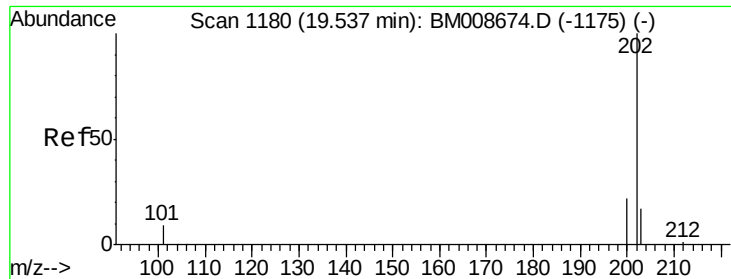
Delta R.T. -0.04 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

Tgt Ion:	202	Resp:	939
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	30.3
203	25.9	0.0	39.5





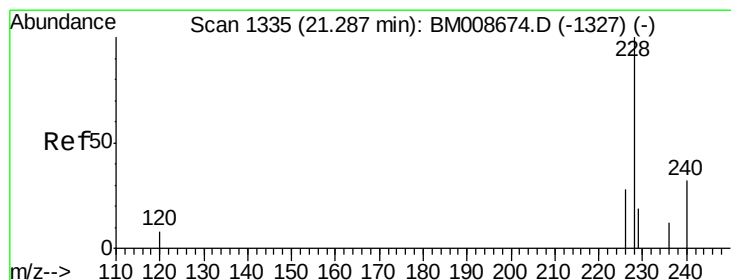
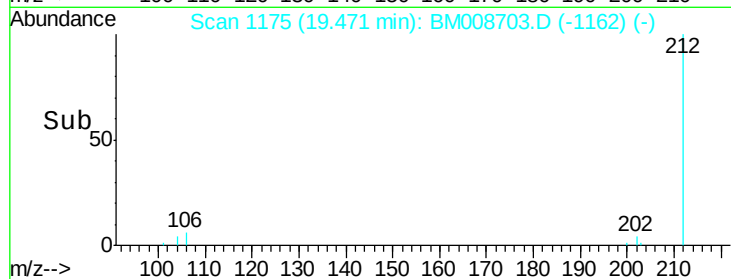
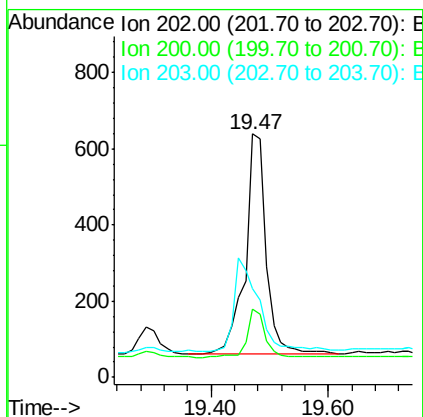
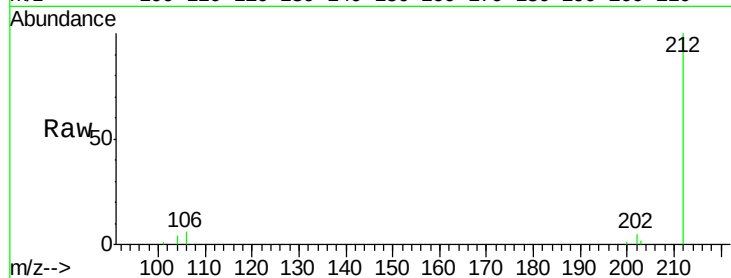
#17
Pyrene
Concen: 0.26 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BM008703.D
Acq: 28 Dec 2016 20:56

Instrument :
BNA_M
ClientSampleId :
DA7F7

Tgt Ion	Ratio	Lower	Upper
202	100		
200	28.3	18.2	27.4#
203	36.6	15.6	23.4#

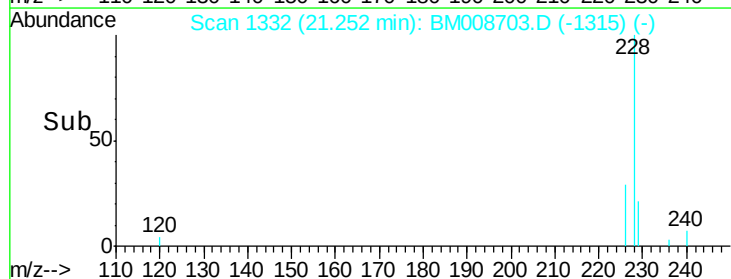
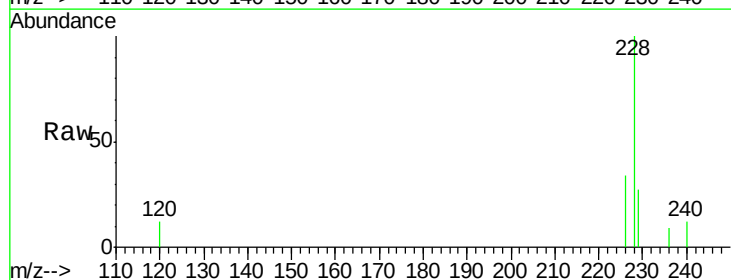
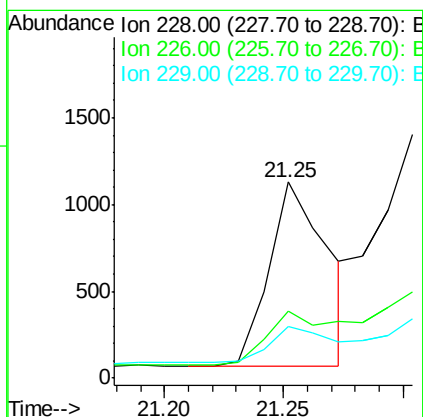
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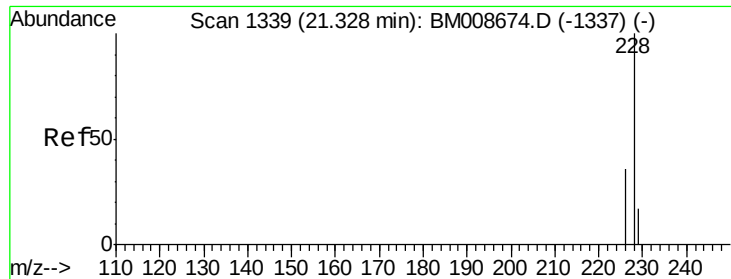
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#18
Benzo(a)anthracene
Concen: 0.39 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM008703.D
Acq: 28 Dec 2016 20:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	22.8	34.2
229	26.6	17.0	25.6#





#19

Chrysene

Concen: 0.50 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

Instrument :

BNA_M

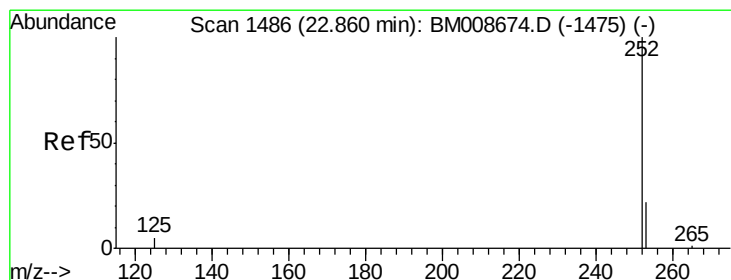
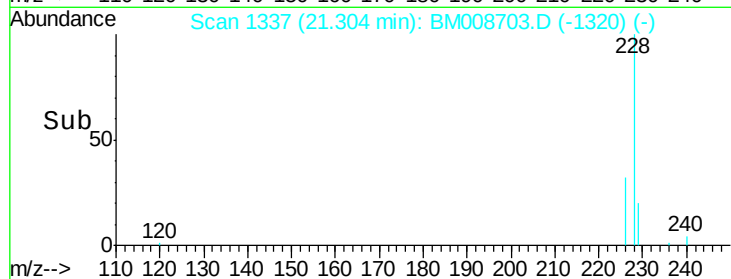
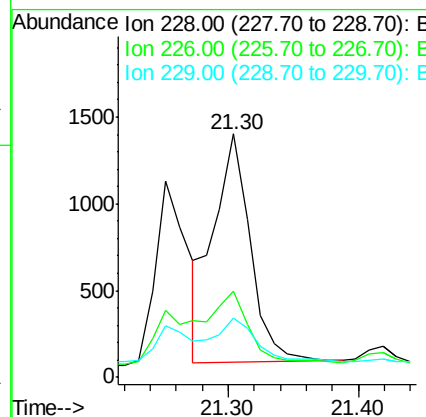
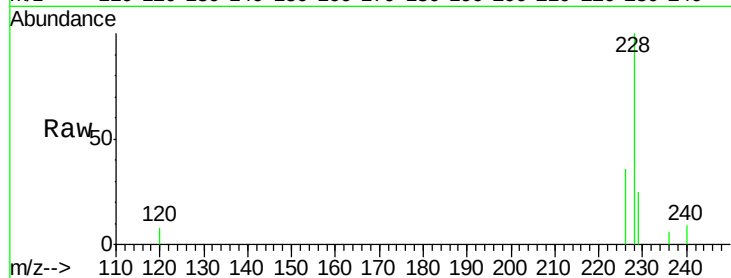
ClientSampleId :

DA7F7

Tgt Ion:	228	Resp:	2577
Ion Ratio	Lower	Upper	
228	100		
226	35.6	23.4	35.0#
229	24.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.27 ng/ul m

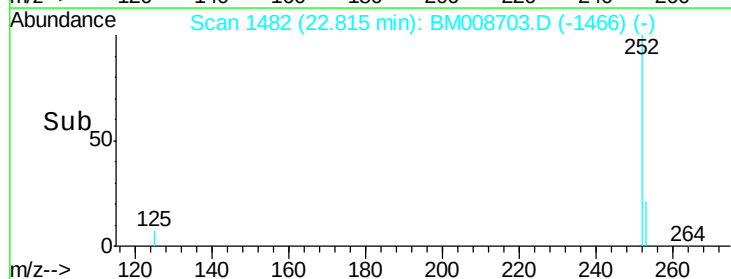
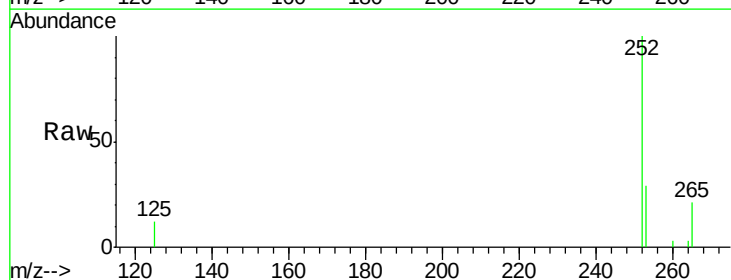
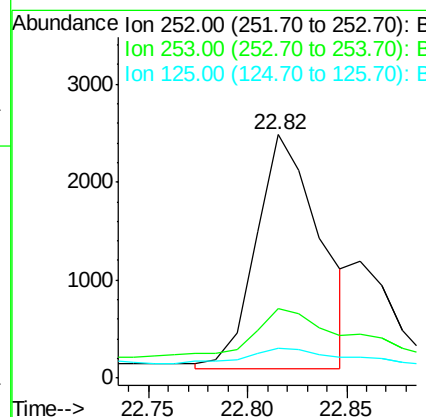
RT: 22.82 min Scan# 1482

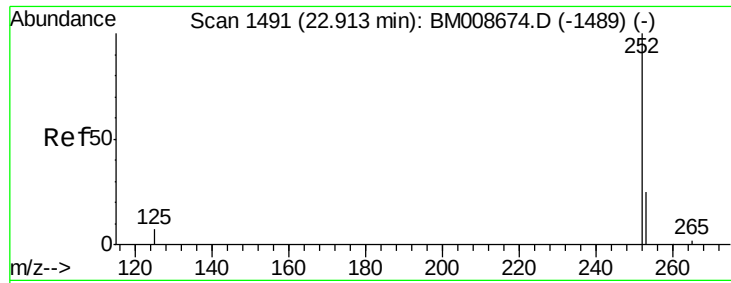
Delta R.T. -0.03 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

Tgt Ion:	252	Resp:	5389
Ion Ratio	Lower	Upper	
252	100		
253	28.6	0.0	64.2
125	12.5	0.0	35.0





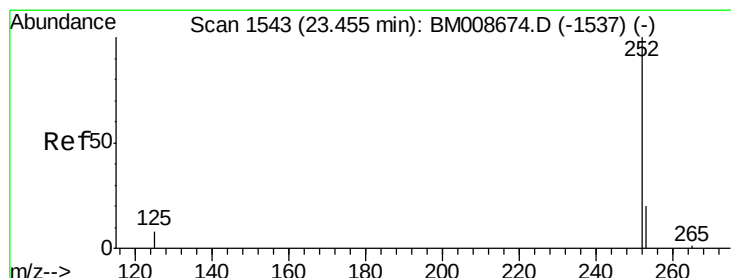
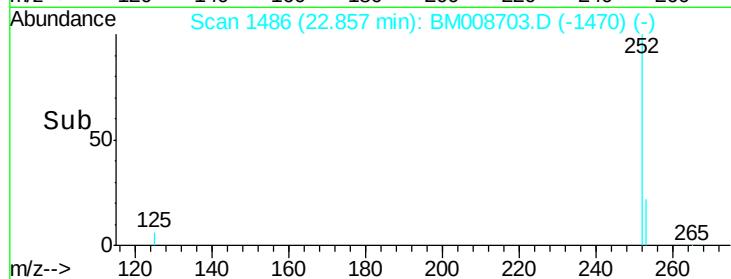
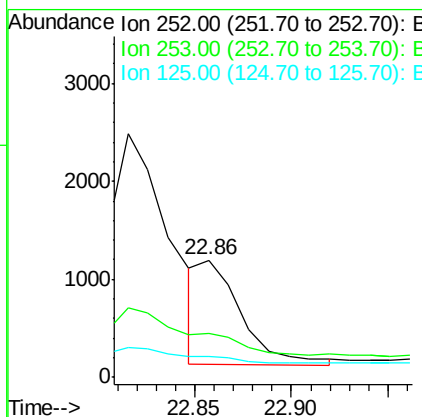
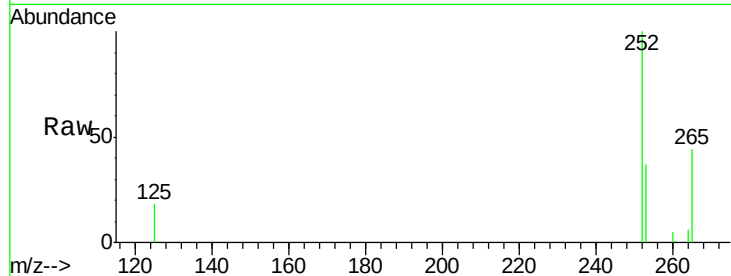
#22
Benzo(k)fluoranthene
Concen: 0.39 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.03 min
Lab File: BM008703.D
Acq: 28 Dec 2016 20:56

Instrument :
BNA_M
ClientSampleId :
DA7F7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.3	24.5	36.7#
125	18.1	13.7	20.5

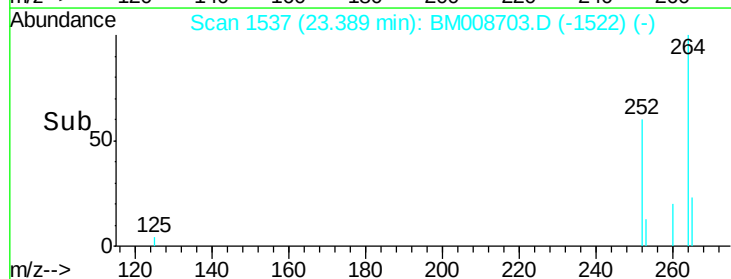
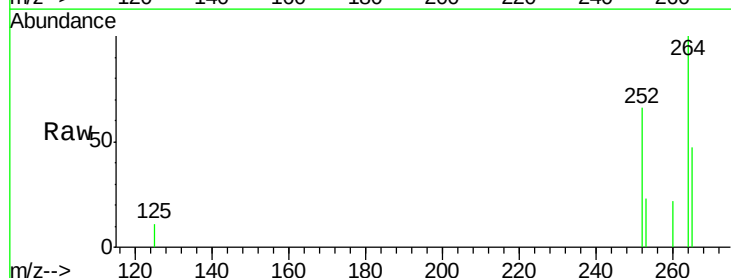
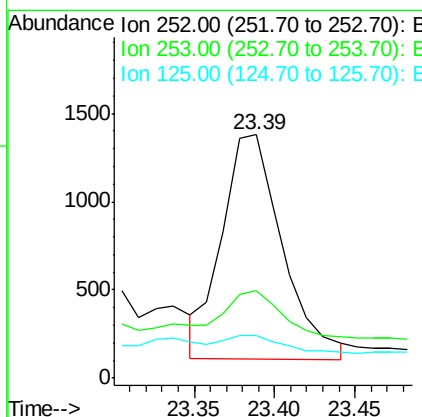
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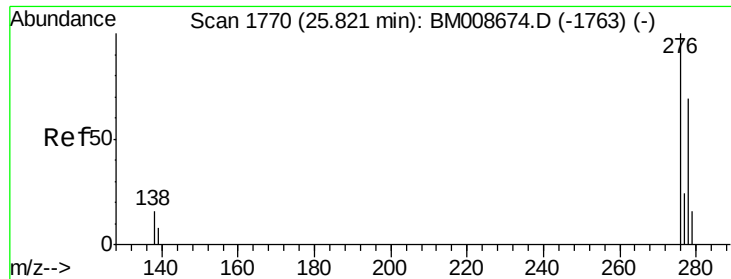
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#23
Benzo(a)pyrene
Concen: 0.85 ng/ul m
RT: 23.39 min Scan# 1537
Delta R.T. -0.04 min
Lab File: BM008703.D
Acq: 28 Dec 2016 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.8	28.5	42.7
125	17.5	18.1	27.1#





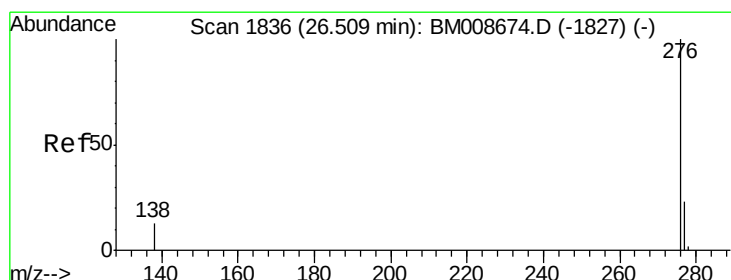
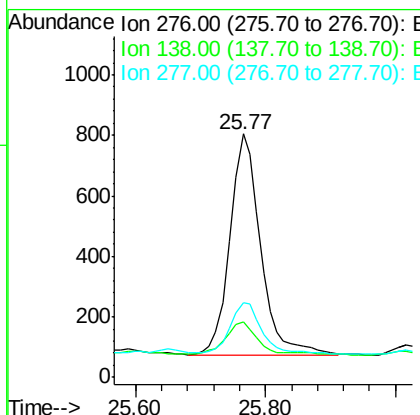
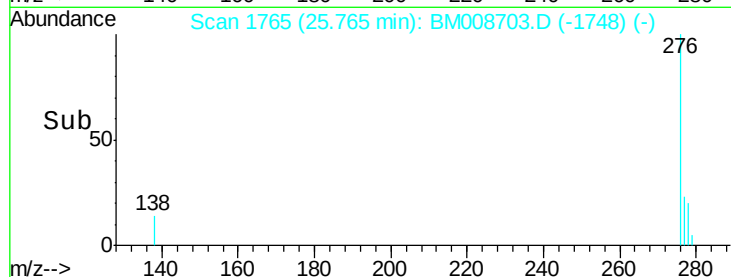
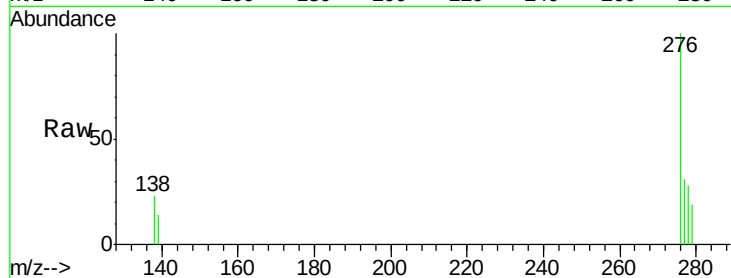
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.51 ng/ul
 RT: 25.77 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BM008703.D
 Acq: 28 Dec 2016 20:56

Instrument :
 BNA_M
 ClientSampled :
 DA7F7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	19.1	28.7#
277	23.5	19.6	29.4

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#26
 Benzo(g,h,i)perylene
 Concen: 0.48 ng/ul
 RT: 26.45 min Scan# 1831
 Delta R.T. -0.03 min
 Lab File: BM008703.D
 Acq: 28 Dec 2016 20:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	34.3	21.8	32.8#
138	25.8	20.5	30.7

