

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
 Data File : BM008474.D
 Acq On : 20 Dec 2016 11:22
 Operator : UM/SJ
 Sample : H5905-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA811

Manual Integrations
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Quant Time: Dec 20 14:53:18 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	517	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1656	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	988	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1757m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	2000m	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	1646m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	709	0.28	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1574m	0.33	ng/ul	-0.03
Target Compounds						Ovalue
3) Naphthalene	10.48	128	1782	0.38	ng/ul	97
5) 2-Methylnaphthalene	12.10	142	1931	0.62	ng/ul	95
8) Acenaphthene	14.35	153	143	0.04	ng/ul#	83
9) Fluorene	15.36	166	176	0.05	ng/ul#	80
12) Phenanthrene	17.09	178	3223m	0.60	ng/ul	
13) Anthracene	17.18	178	641m	0.12	ng/ul	
15) Fluoranthene	19.12	202	3940	0.60	ng/ul	89
17) Pyrene	19.48	202	5944m	0.77	ng/ul	
18) Benzo(a)anthracene	21.26	228	6392m	0.97	ng/ul	
19) Chrysene	21.28	228	3947m	0.55	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	5544m	0.90	ng/ul	

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

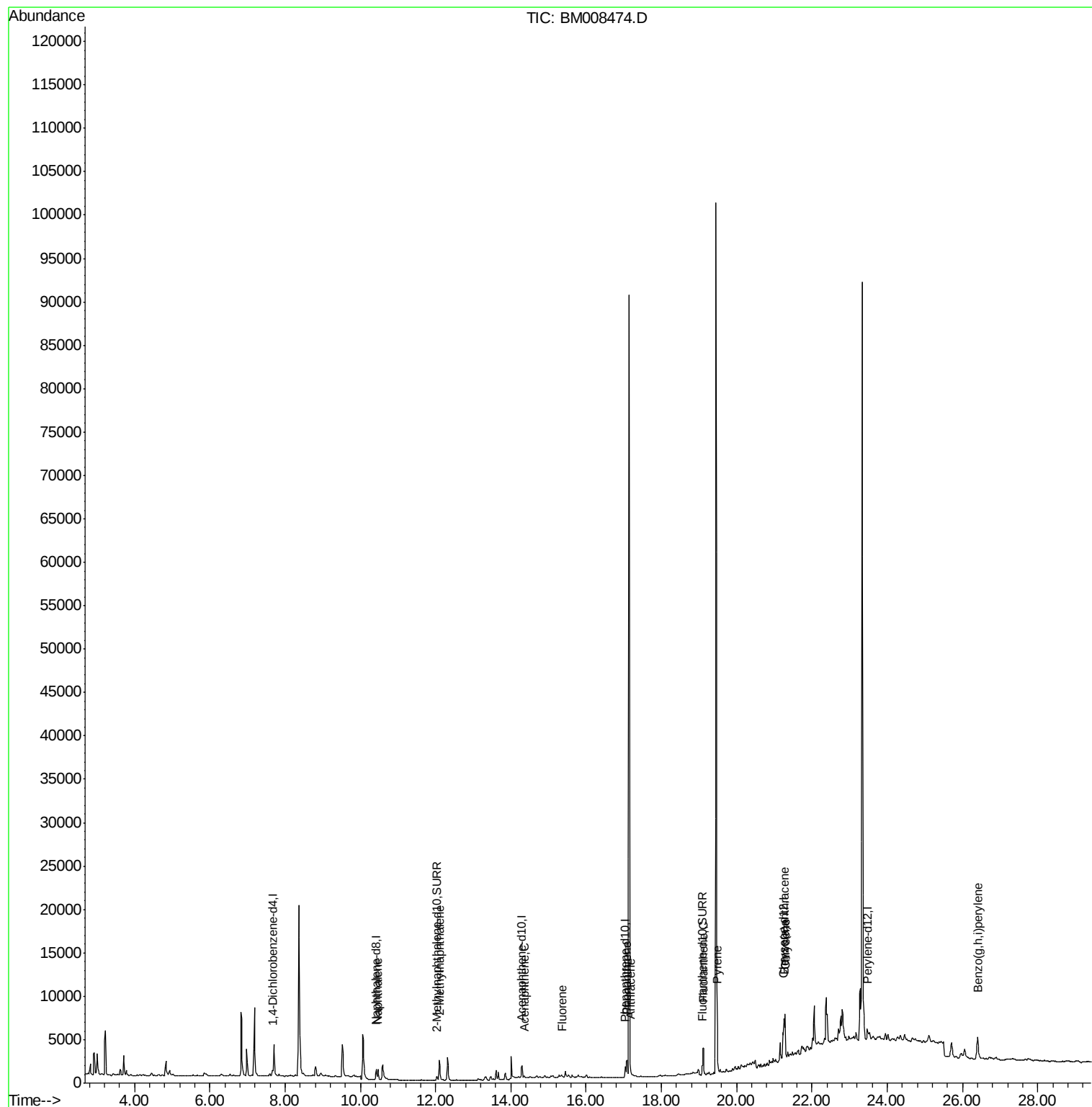
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

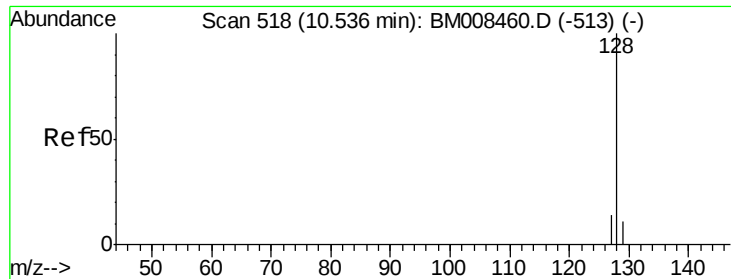
Instrument :
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#3

Naphthalene

Concen: 0.38 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008474.D

Acq: 20 Dec 2016 11:22

Instrument :

BNA_M

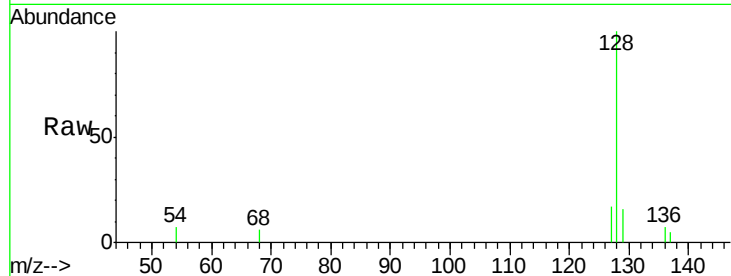
ClientSampleId :

DA811

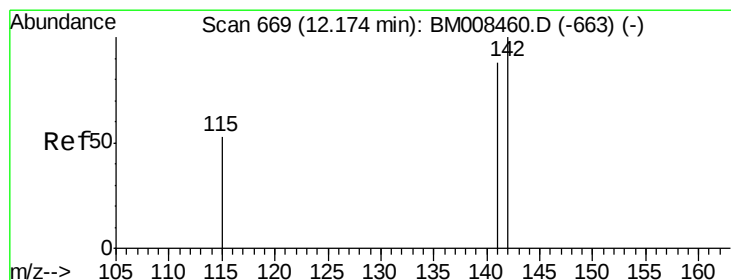
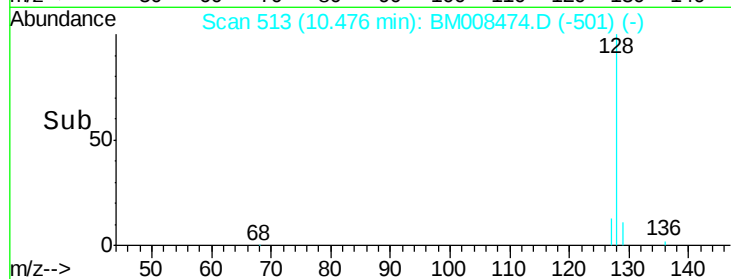
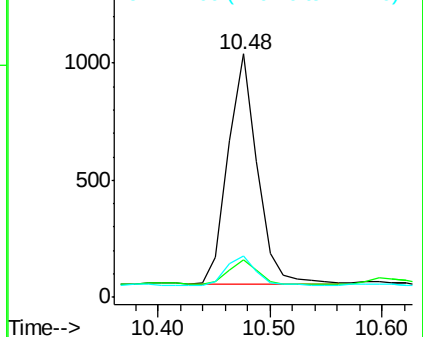
Tot Ion:	128	Resp:	1782
Ion Ratio	Lower	Upper	
128	100		
129	15.7	11.3	16.9
127	16.8	12.8	19.2

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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



#5

2-Methylnaphthalene

Concen: 0.62 ng/ul

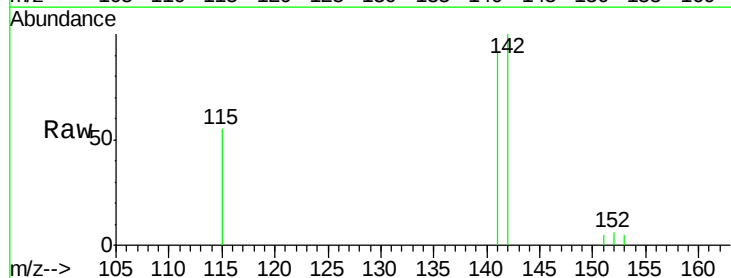
RT: 12.10 min Scan# 662

Delta R.T. -0.07 min

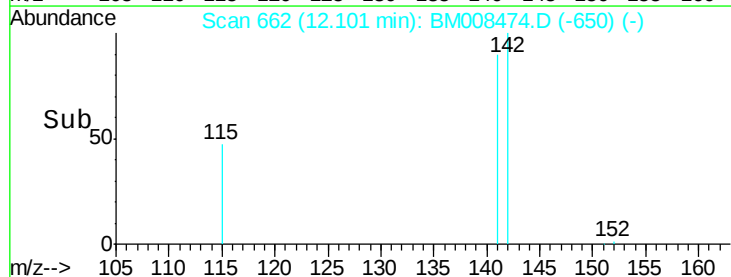
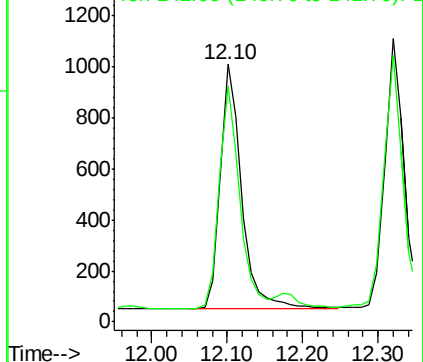
Lab File: BM008474.D

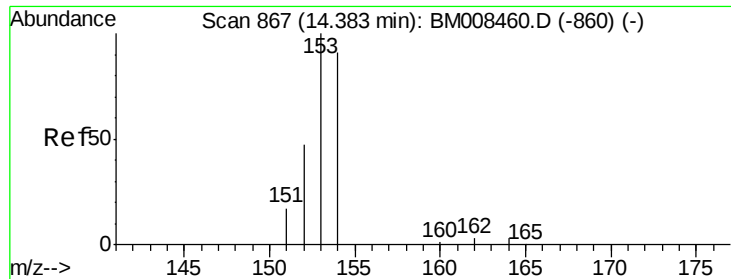
Acq: 20 Dec 2016 11:22

Tgt Ion:	142	Resp:	1931
Ion Ratio	Lower	Upper	
142	100		
141	86.4	72.6	108.8



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





#8

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008474.D

Acq: 20 Dec 2016 11:22

Instrument :

BNA_M

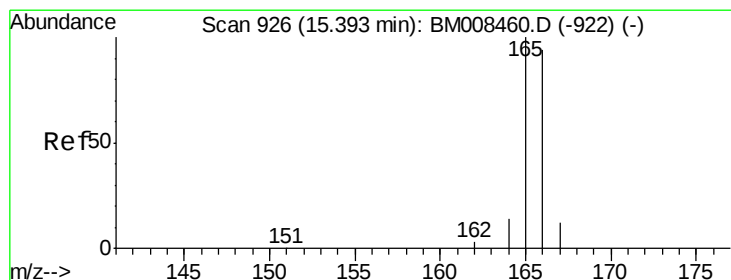
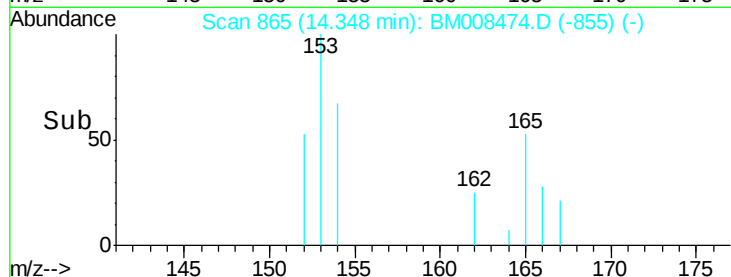
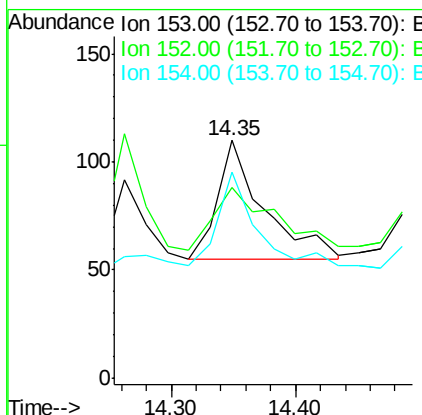
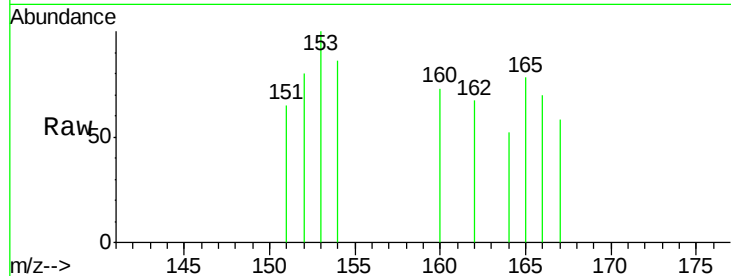
ClientSampleId :

DA811

Tot Ion:	153	Resp:	143
Ion Ratio	Lower	Upper	
153	100		
152	80.0	40.3	60.5#
154	86.4	71.4	107.2

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#9

Fluorene

Concen: 0.05 ng/ul

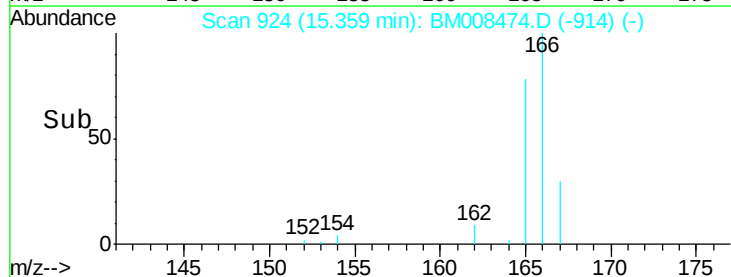
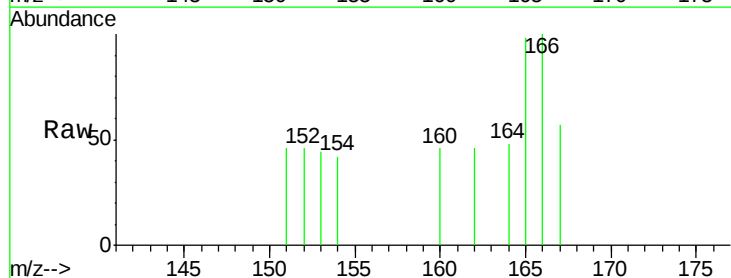
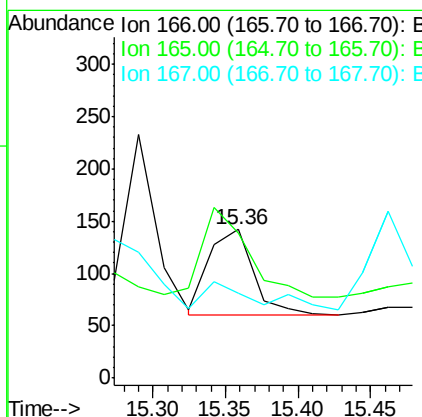
RT: 15.36 min Scan# 924

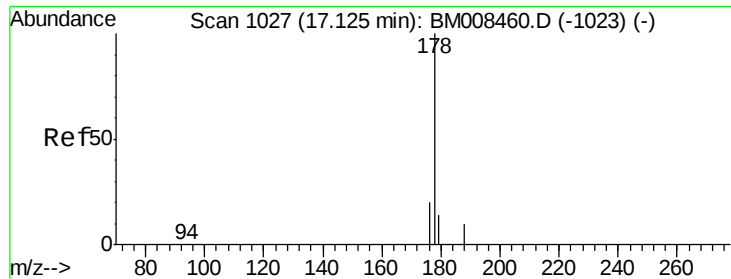
Delta R.T. -0.03 min

Lab File: BM008474.D

Acq: 20 Dec 2016 11:22

Tgt Ion:	166	Resp:	176
Ion Ratio	Lower	Upper	
166	100		
165	97.9	73.4	110.2
167	57.0	14.6	22.0#





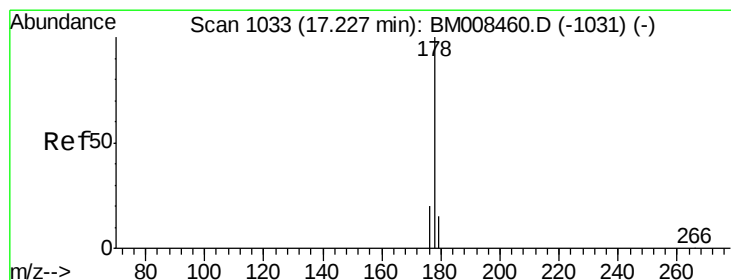
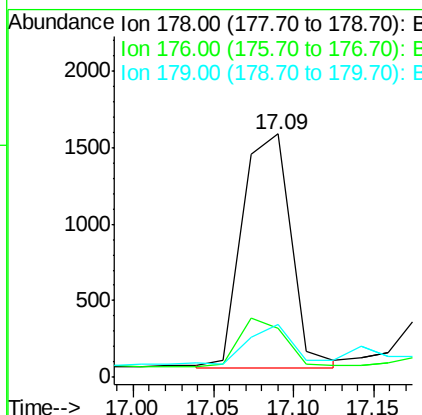
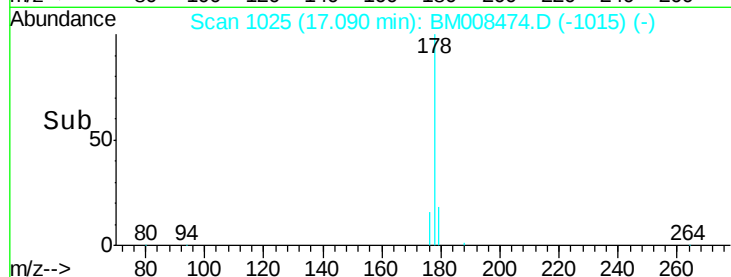
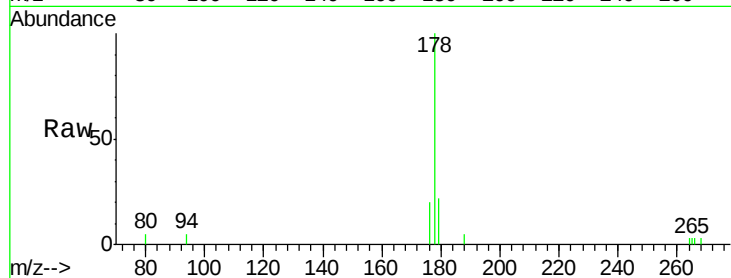
#12
Phenanthrene
Concen: 0.60 ng/ul m
RT: 17.09 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BM008474.D
Acq: 20 Dec 2016 11:22

Instrument :
BNA_M
ClientSampleId :
DA811

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	18.4	27.6
179	21.9	13.6	20.4

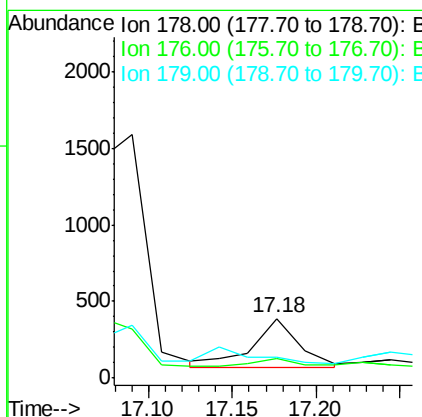
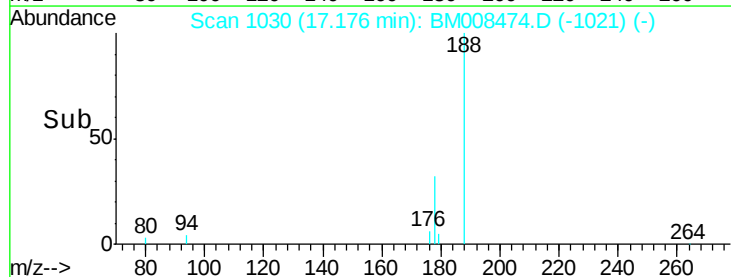
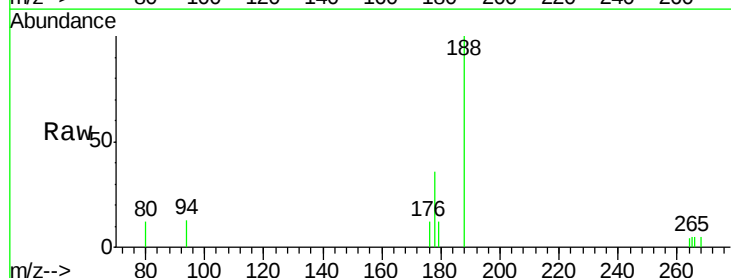
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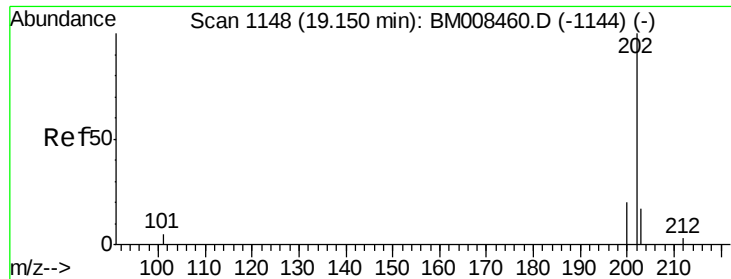
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#13
Anthracene
Concen: 0.12 ng/ul m
RT: 17.18 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BM008474.D
Acq: 20 Dec 2016 11:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	33.8	18.1	27.1
179	34.8	14.7	22.1





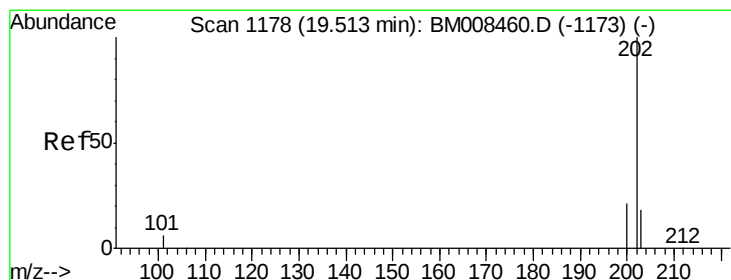
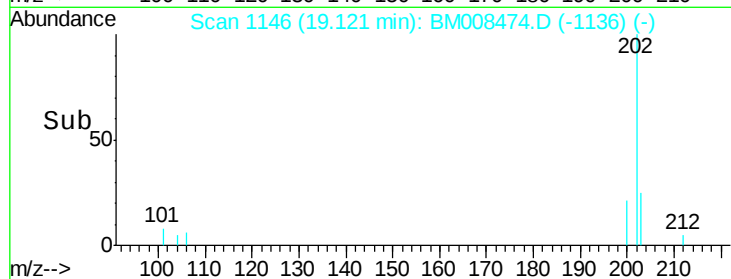
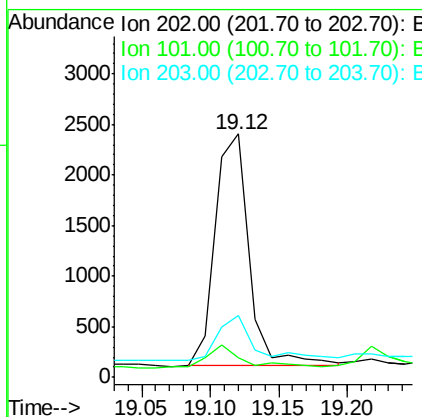
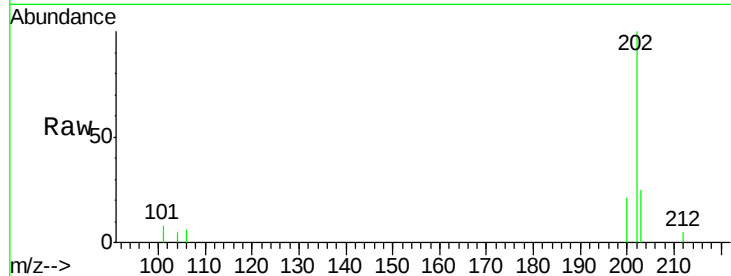
#15
Fluoranthene
 Concen: 0.60 ng/ul
 RT: 19.12 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BM008474.D
 Acq: 20 Dec 2016 11:22

Instrument :
 BNA_M
 ClientSampled :
 DA811

Tot Ion:	202	Resp:	3940
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	30.3
203	25.3	0.0	39.5

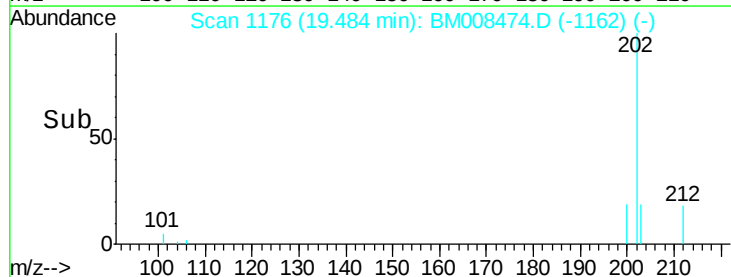
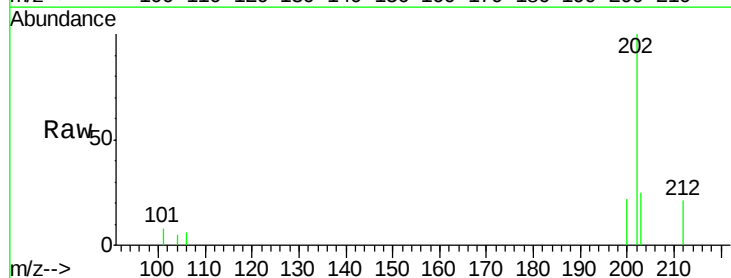
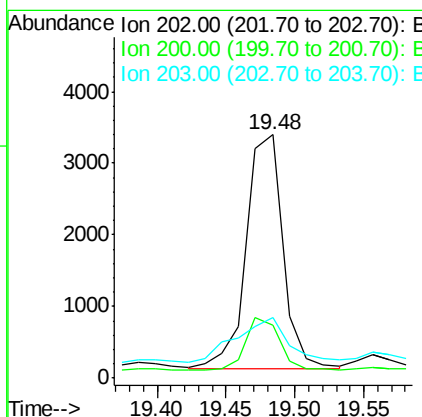
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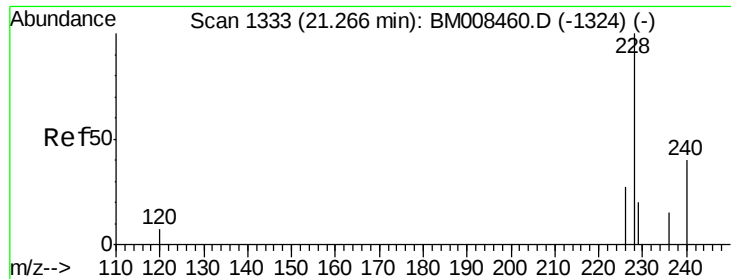
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#17
Pyrene
 Concen: 0.77 ng/ul m
 RT: 19.48 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BM008474.D
 Acq: 20 Dec 2016 11:22

Tgt Ion:	202	Resp:	5944
Ion Ratio	Lower	Upper	
202	100		
200	21.5	18.2	27.4
203	25.0	15.6	23.4#





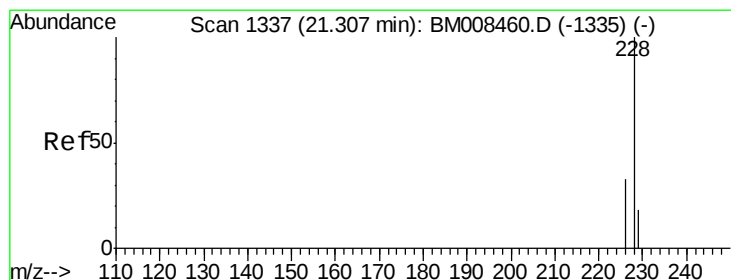
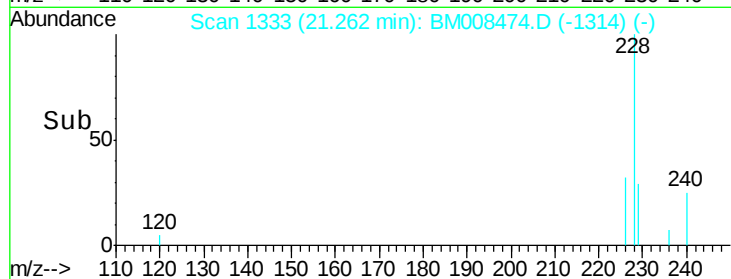
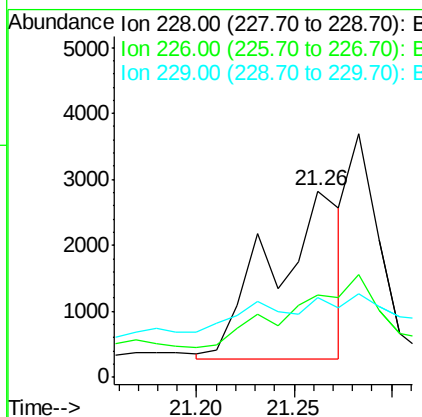
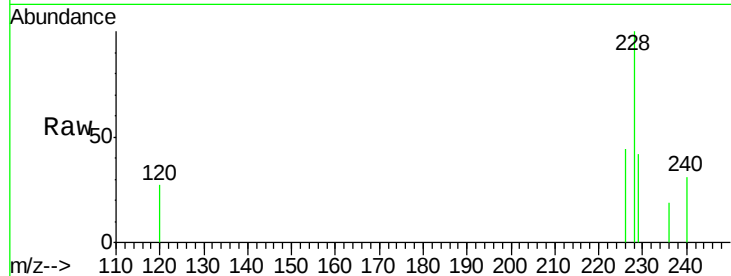
#18
Benzo(a)anthracene
Concen: 0.97 ng/ul m
RT: 21.26 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM008474.D
Acq: 20 Dec 2016 11:22

Instrument :
BNA_M
ClientSampleId :
DA811

Tot Ion	Ratio	Lower	Upper
228	100		
226	44.5	22.8	34.2#
229	42.5	17.0	25.6#

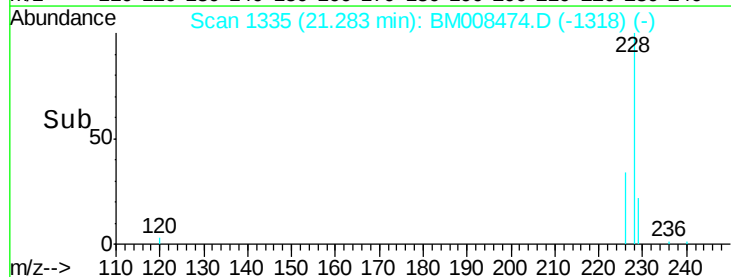
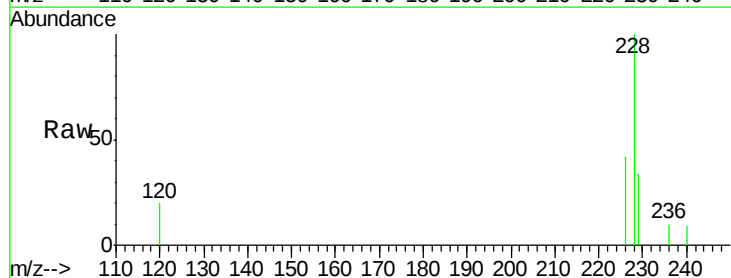
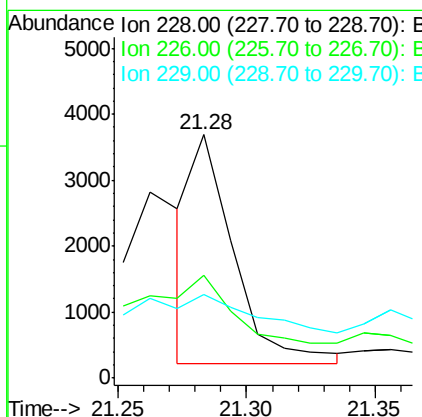
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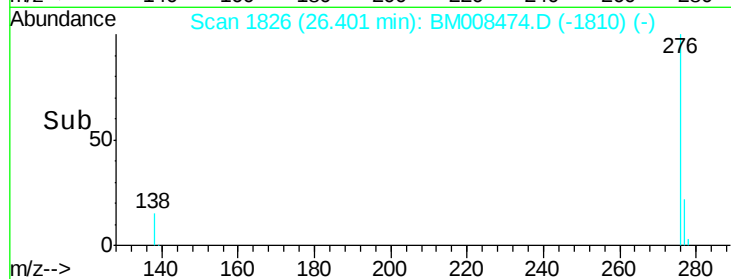
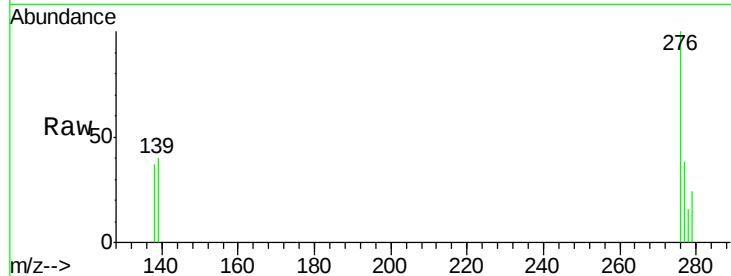
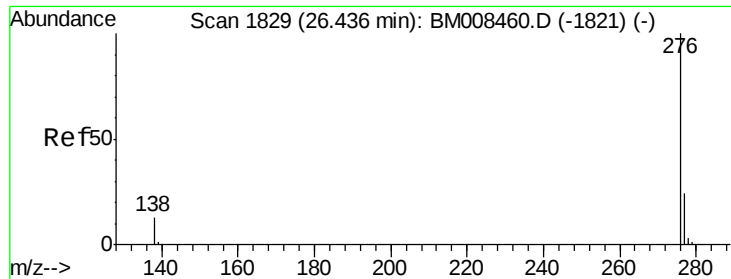
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#19
Chrysene
Concen: 0.55 ng/ul m
RT: 21.28 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BM008474.D
Acq: 20 Dec 2016 11:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.2	23.4	35.0#
229	34.5	17.7	26.5#





#26

Benzo(a,h,i)perylene

Concen: 0.90 ng/ul m

RT: 26.40 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BM008474.D

Acq: 20 Dec 2016 11:22

Instrument :

BNA_M

ClientSampleId :

DA811

Tot Ion:	276	Resp:	5544
Ion Ratio	Lower	Upper	
276	100		
277	38.2	21.8	32.8#
138	36.7	20.5	30.7#

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