

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000360.D
 Acq On : 13 Mar 2018 21:36
 Operator : JU/SJ
 Sample : J1844-06DL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM76DL

Manual Integrations
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Quant Time: Mar 14 08:40:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 08:11:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	164868	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	795293	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	450599	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1062719	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1131632	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1115319	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	110327	2.47	ng/ul	0.00
10) Fluorene-d10	16.05	176	82250	2.72	ng/ul	0.00
14) Anthracene-d10	17.89	188	133713	2.69	ng/ul	0.00
18) Pyrene-d10	20.13	212	161886	2.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	138106	2.71	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	245547	5.851	ng/ul	98
4) 2-Methylnaphthalene	12.92	142	60603	2.051	ng/ul	94
9) Acenaphthene	15.13	153	218911	6.999	ng/ul	96
11) Fluorene	16.10	166	264197	7.658	ng/ul	94
13) Phenanthrene	17.83	178	3338638	54.780	ng/ul	99
15) Anthracene	17.92	178	848059	13.713	ng/ul	99
16) Fluoranthene	19.81	202	4489442	68.177	ng/ul#	92
19) Pyrene	20.17	202	3532311	49.440	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	2187960	31.101	ng/ul	97
21) Chrysene	21.94	228	2007507	30.070	ng/ul	97
23) Benzo(b)fluoranthene	23.64	252	2363713m	35.541	ng/ul	
24) Benzo(k)fluoranthene	23.68	252	773004m	12.417	ng/ul	
26) Benzo(a)pyrene	24.29	252	1467878	23.190	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.96	276	856347	12.547	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.96	278	279604	4.998	ng/ul#	83
29) Benzo(a,h,i)perylene	27.75	276	738452	12.959	ng/ul#	89

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

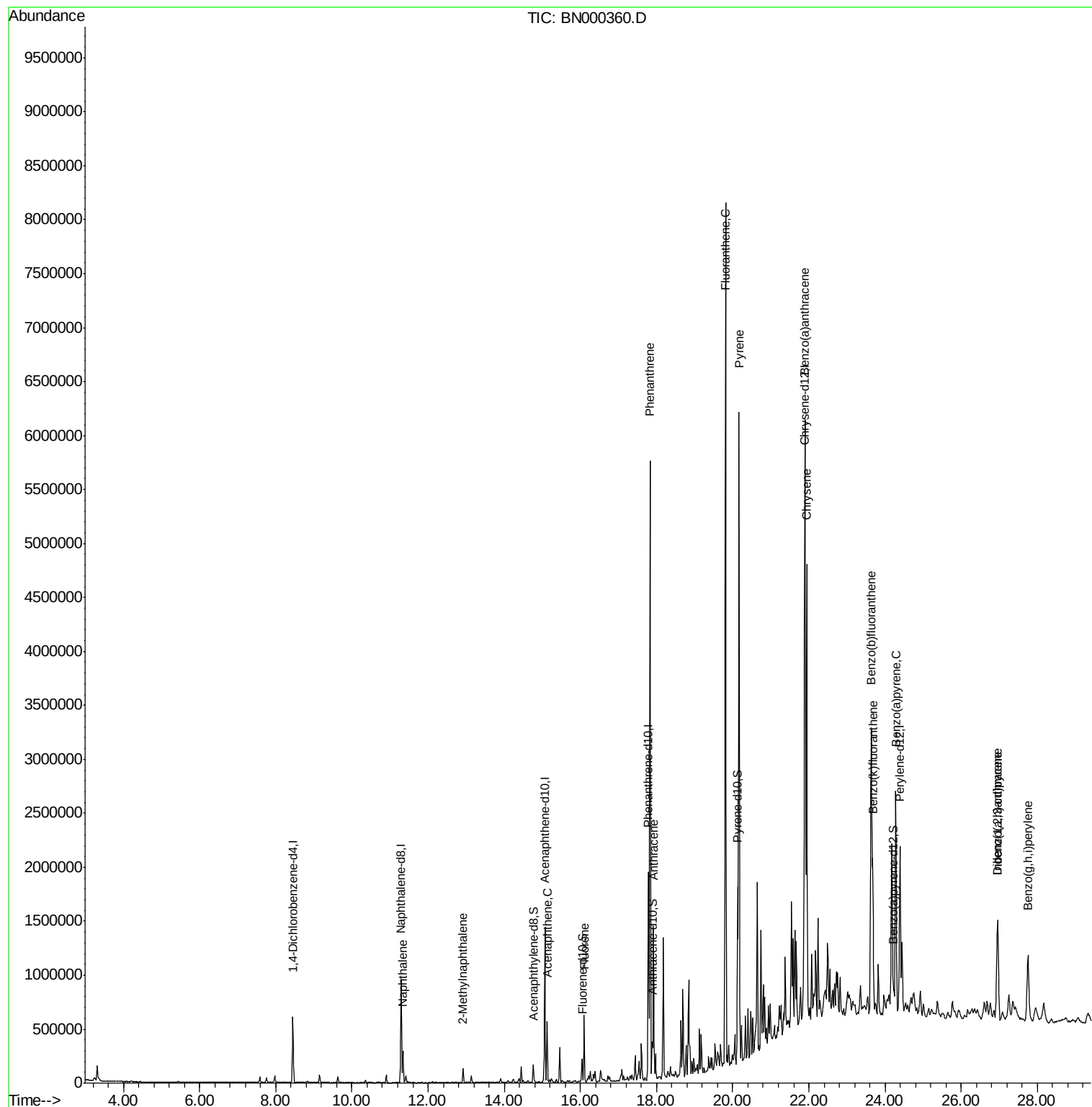
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

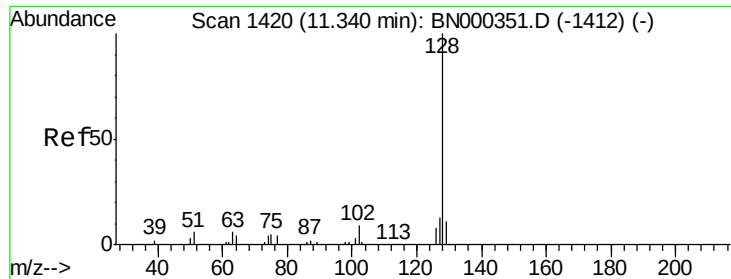
Instrument :
BNA_N
ClientSampleId :
DAM76DL

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Quant Time: Mar 14 08:40:55 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 5.851 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BN000360.D

Acq: 13 Mar 2018 21:36

Instrument :

BNA_N

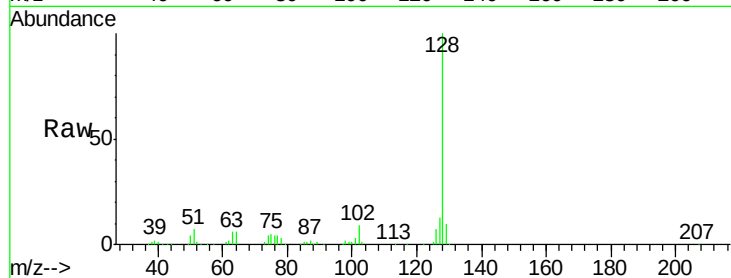
ClientSampleId :

DAM76DL

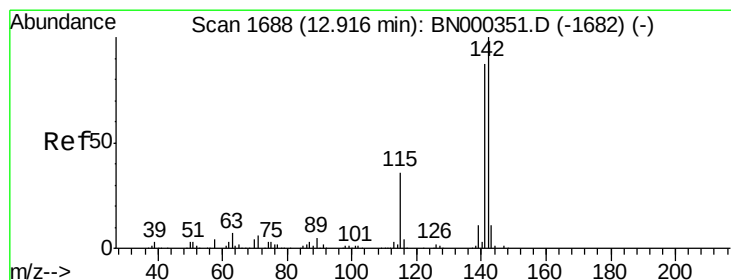
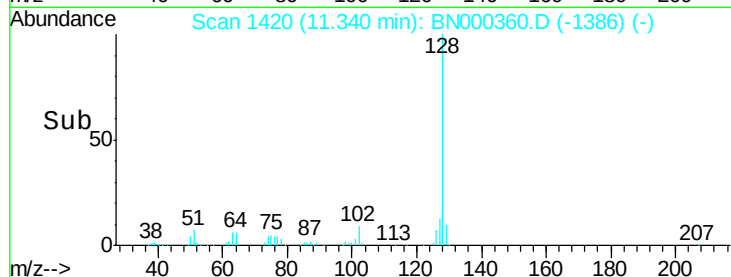
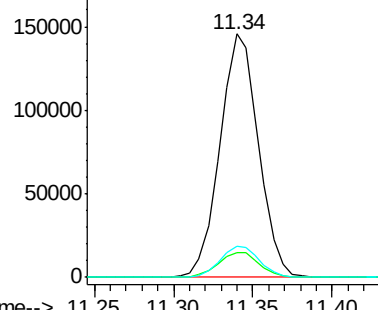
Tot Ion:	128	Resp:	245547
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.7	13.1
127	12.7	10.6	16.0

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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



#4

2-Methylnaphthalene

Concen: 2.051 ng/ul

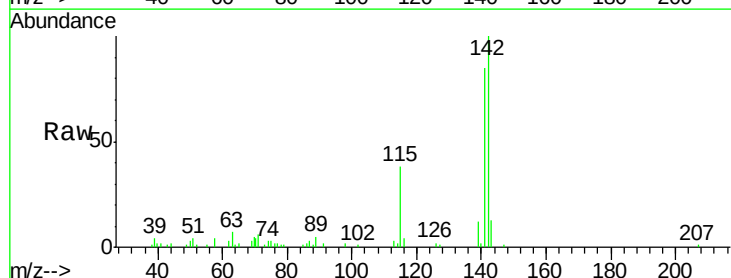
RT: 12.92 min Scan# 1688

Delta R.T. -0.00 min

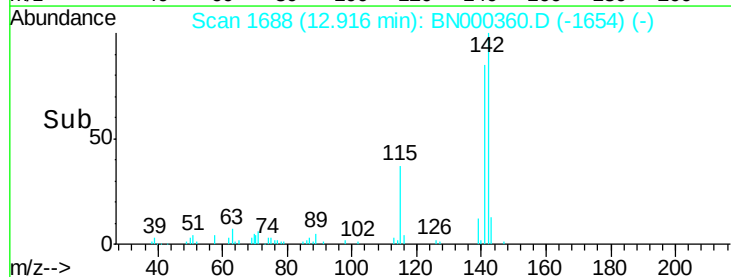
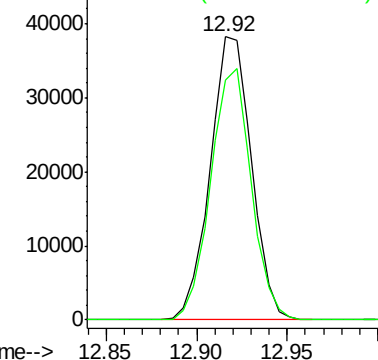
Lab File: BN000360.D

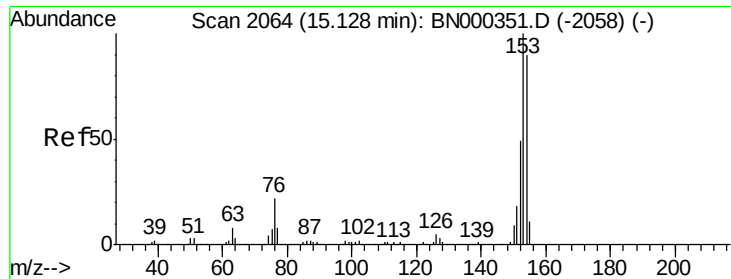
Acq: 13 Mar 2018 21:36

Tgt Ion:	142	Resp:	60603
Ion Ratio	Lower	Upper	
142	100		
141	84.8	72.7	109.1



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





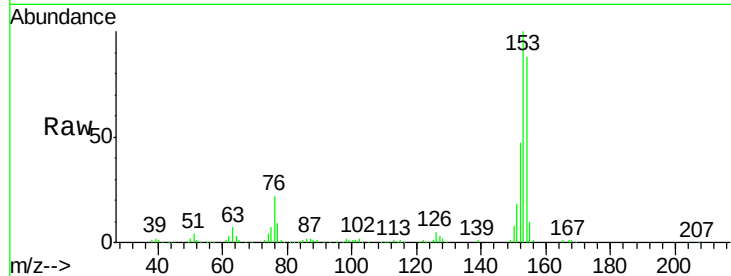
#9
Acenaphthene
Concen: 6.999 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

Instrument :
BNA_N
ClientSampleID :
DAM76DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	47.0	39.0	58.6
154	88.3	66.8	100.2

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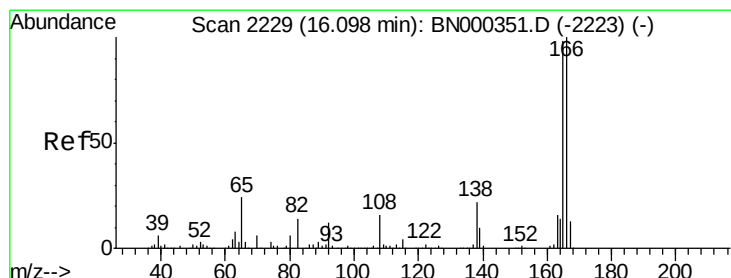
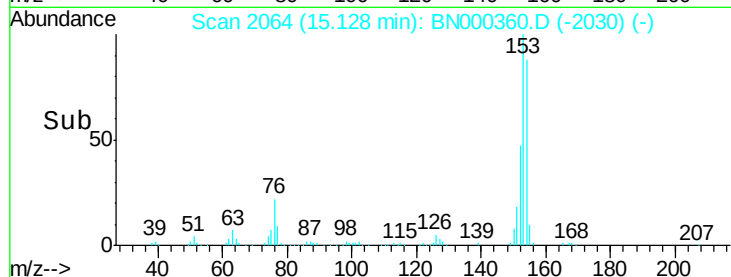
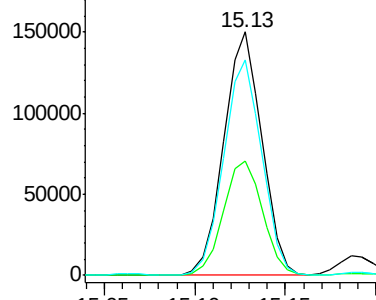


Abundance

Ion 153.00 (152.70 to 153.70): E

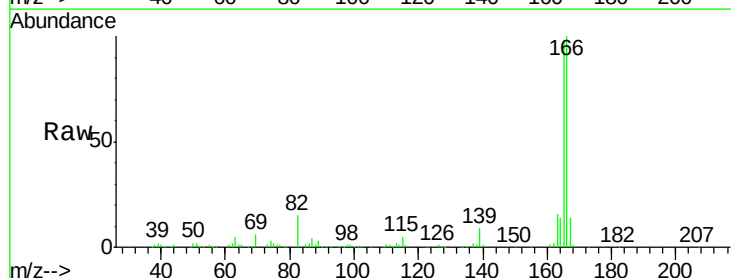
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#11
Fluorene
Concen: 7.658 ng/ul
RT: 16.10 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	83.8	125.8
167	13.7	11.5	17.3

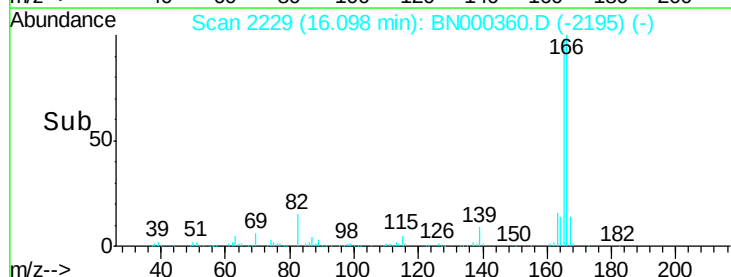
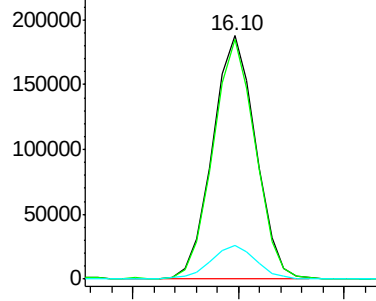


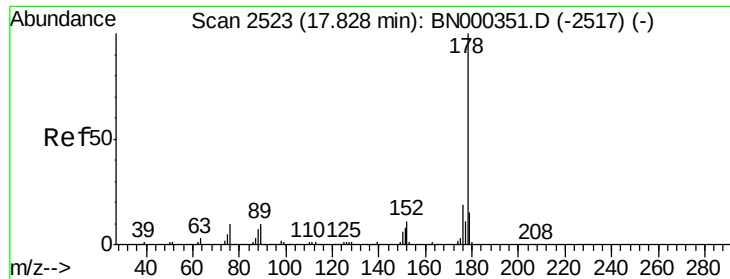
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





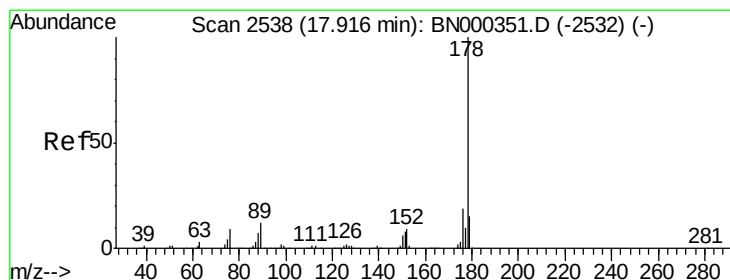
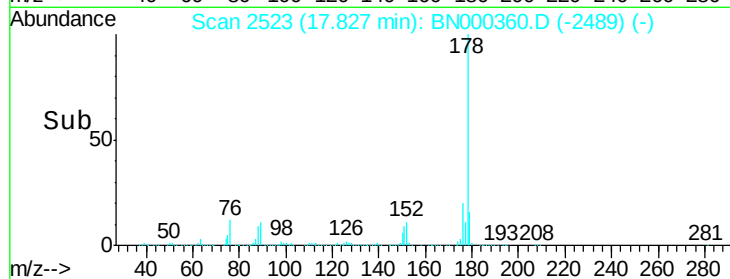
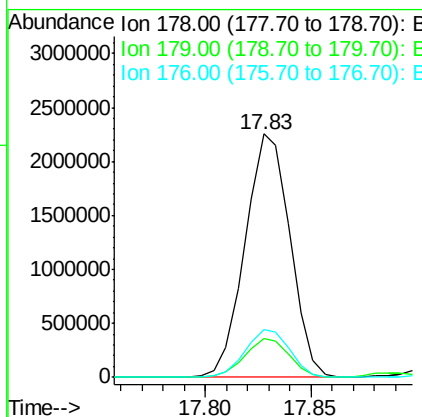
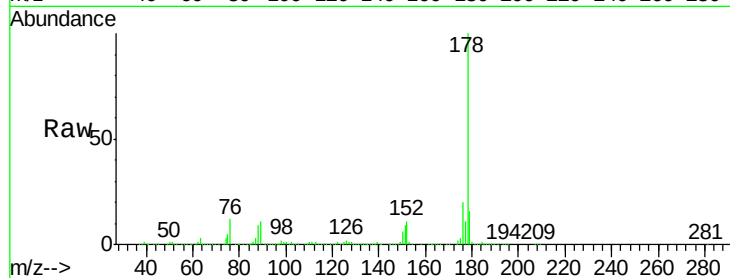
#13
Phenanthrene
Concen: 54.780 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

Instrument :
BNA_N
ClientSampleId :
DAM76DL

Tot Ion:178 Resp: 3338638
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.6 15.1 22.7

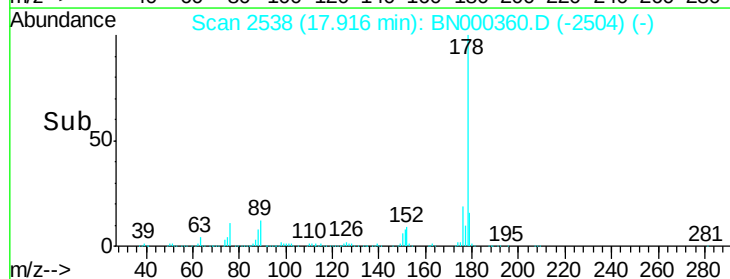
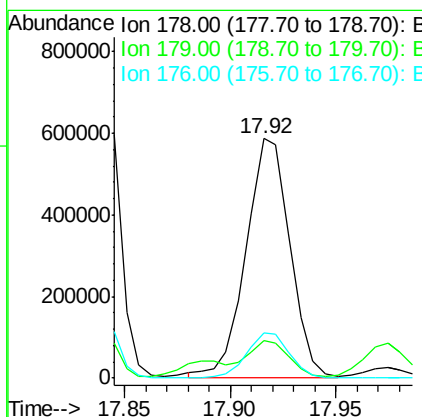
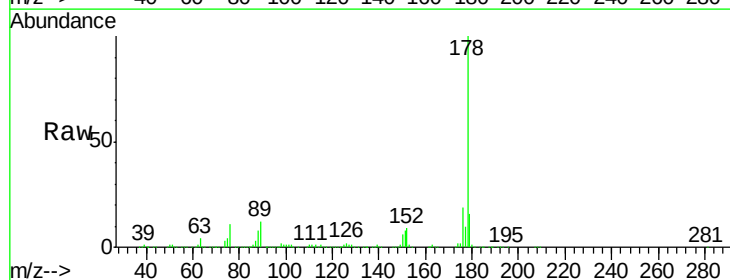
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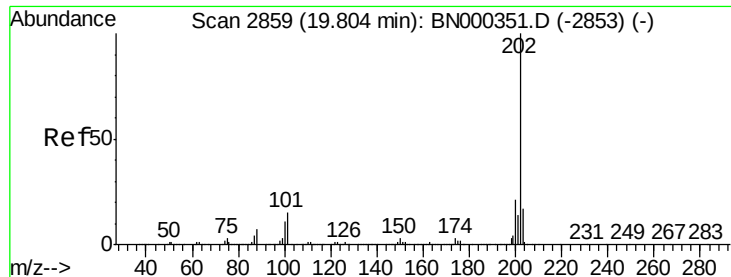
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#15
Anthracene
Concen: 13.713 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

Tgt Ion:178 Resp: 848059
Ion Ratio Lower Upper
178 100
179 15.8 11.8 17.8
176 18.7 15.2 22.8





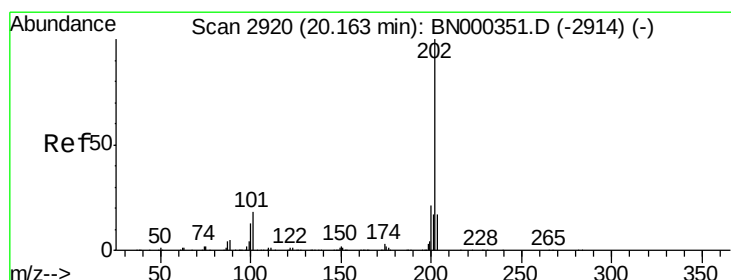
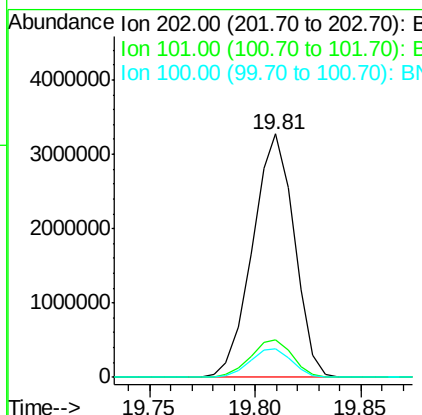
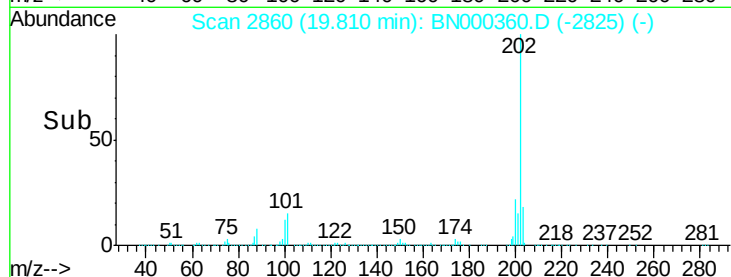
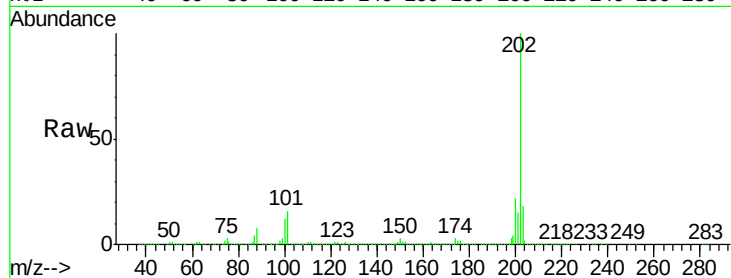
#16
 Fluoranthene
 Concen: 68.177 ng/ul
 RT: 19.81 min Scan# 2860
 Delta R.T. 0.01 min
 Lab File: BN000360.D
 Acq: 13 Mar 2018 21:36

Instrument :
 BNA_N
 ClientSampled :
 DAM76DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.8	7.4	11.0#

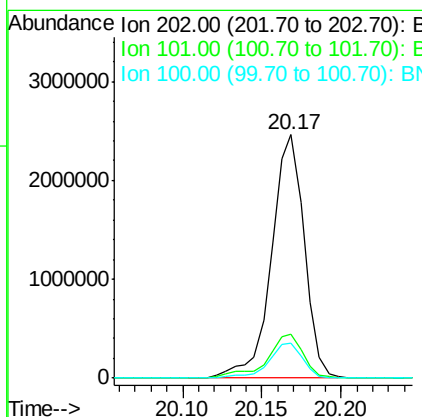
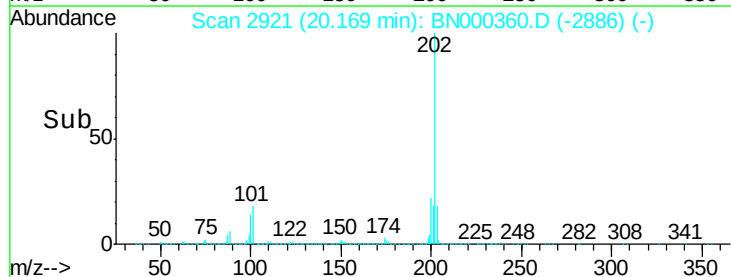
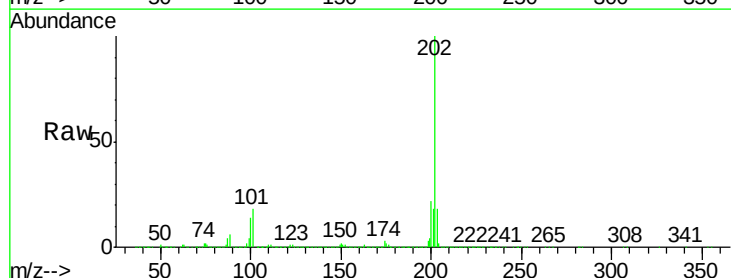
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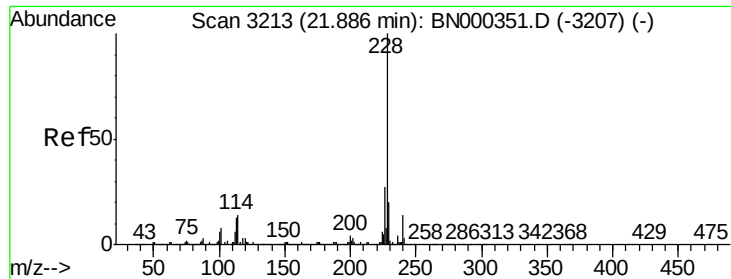
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#19
 Pyrene
 Concen: 49.440 ng/ul
 RT: 20.17 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BN000360.D
 Acq: 13 Mar 2018 21:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.1	11.0	16.4#
100	14.4	8.1	12.1#





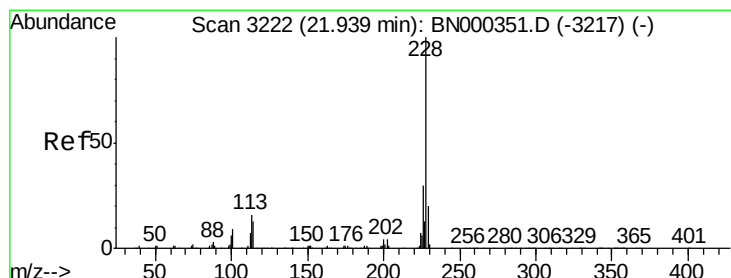
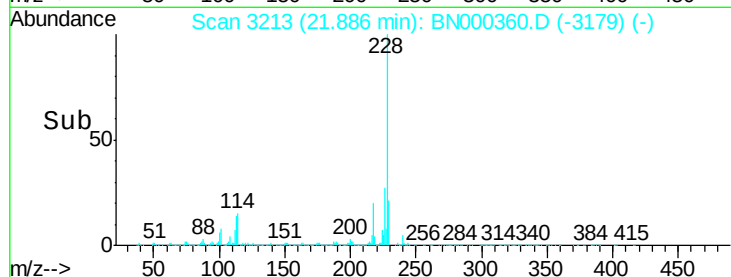
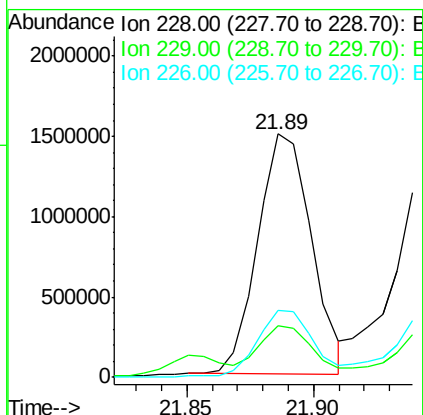
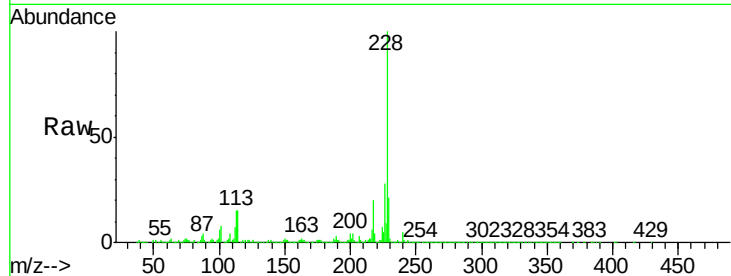
#20
Benzo(a)anthracene
Concen: 31.101 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

Instrument :
BNA_N
ClientSampleId :
DAM76DL

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
229	21.0	15.7	23.5	
226	27.5	21.1	31.7	

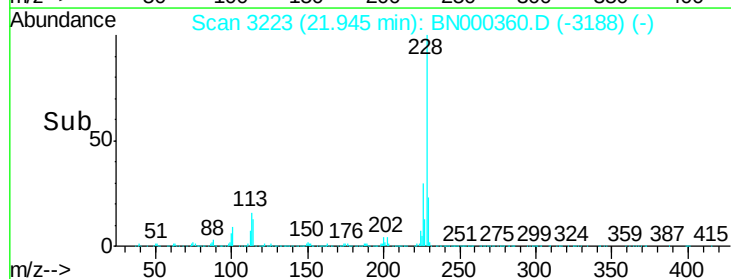
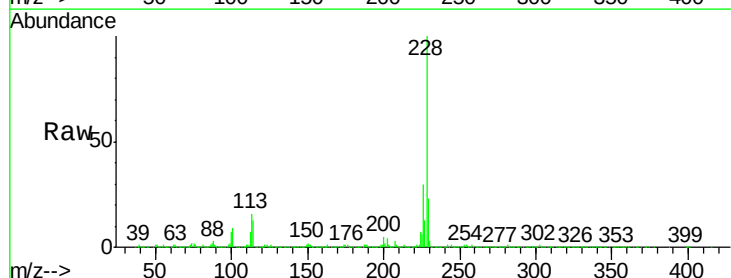
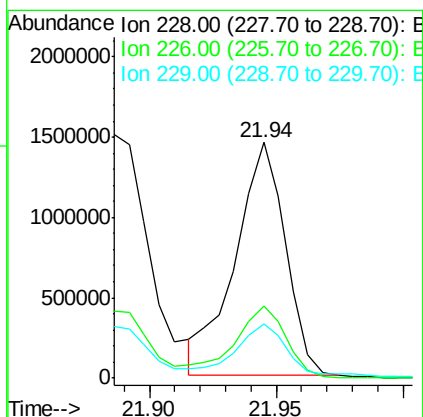
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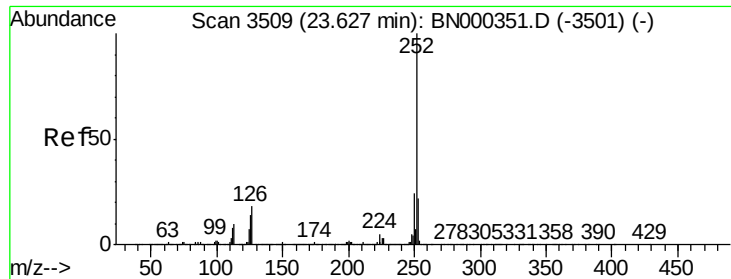
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#21
Chrysene
Concen: 30.070 ng/ul
RT: 21.94 min Scan# 3223
Delta R.T. 0.01 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.3	24.5	36.7	
229	22.9	15.8	23.8	





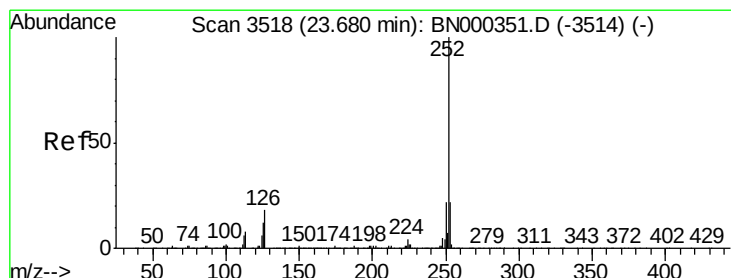
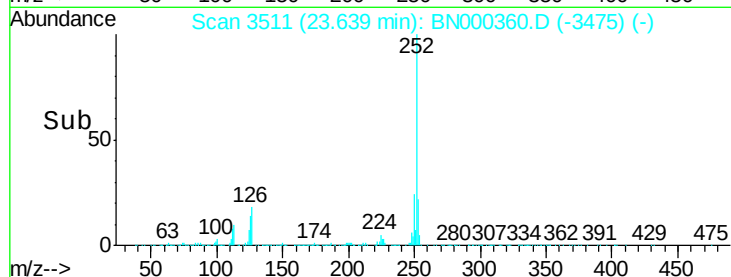
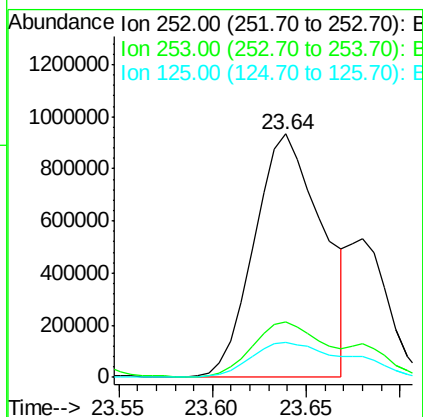
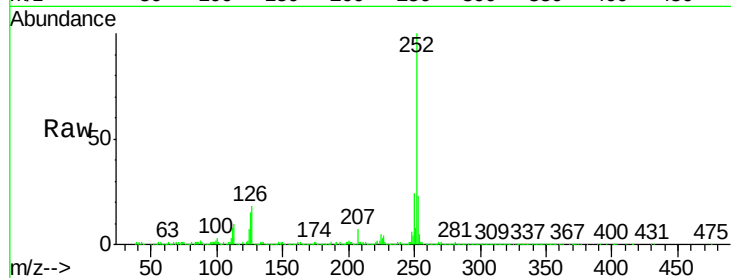
#23
Benzo(b)fluoranthene
Concen: 35.541 ng/ul m
RT: 23.64 min Scan# 3511
Delta R.T. 0.01 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

Instrument :
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ClientSampleId :
DAM76DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	14.5	8.0	12.0

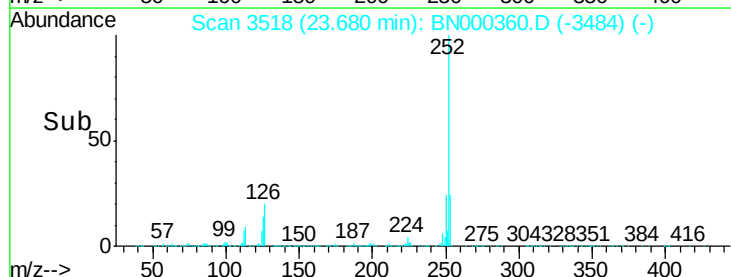
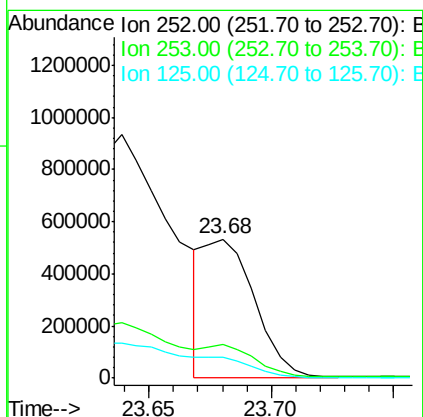
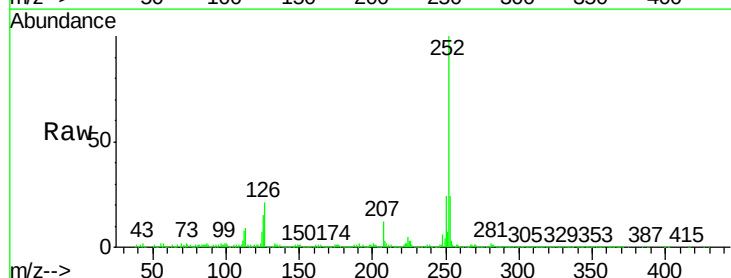
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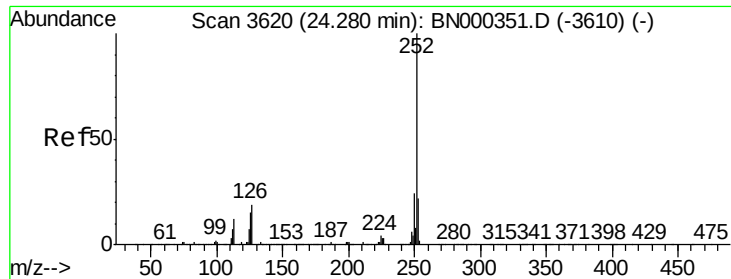
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#24
Benzo(k)fluoranthene
Concen: 12.417 ng/ul m
RT: 23.68 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	14.8	8.1	12.1





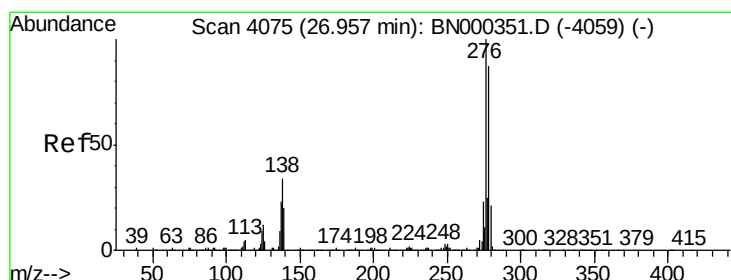
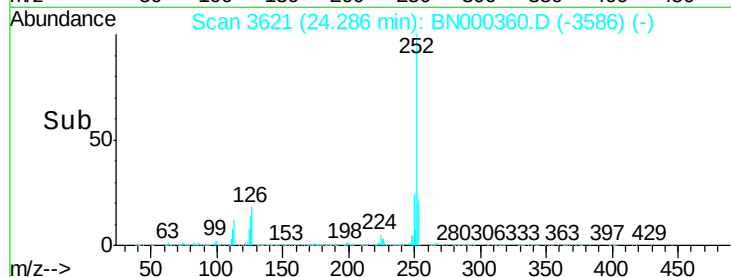
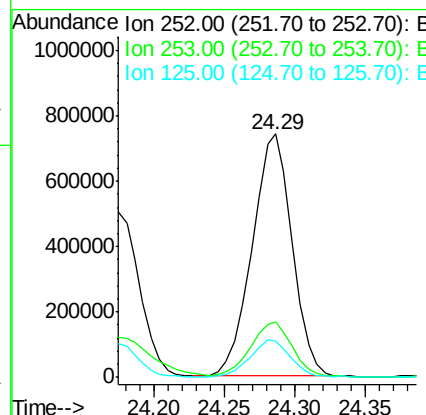
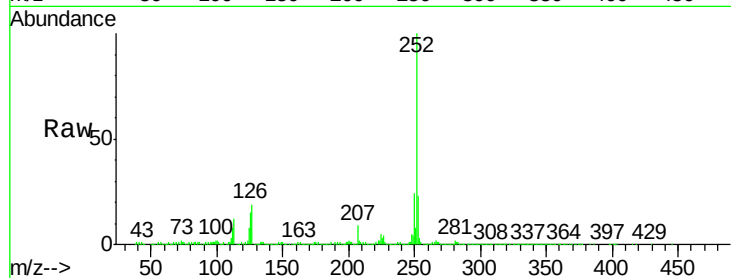
#26
Benzo(a)pyrene
Concen: 23.190 ng/ul
RT: 24.29 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

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ClientSampled :
DAM76DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	14.7	8.2	12.4

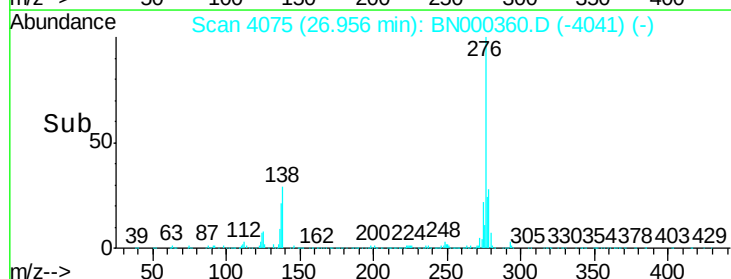
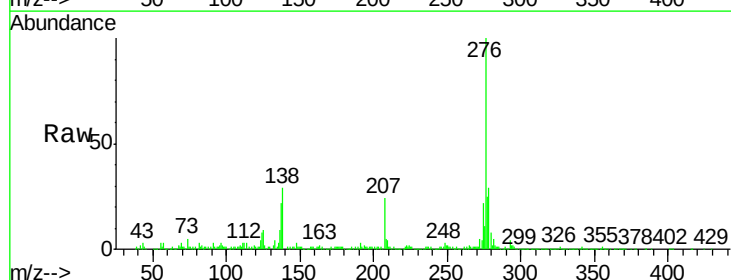
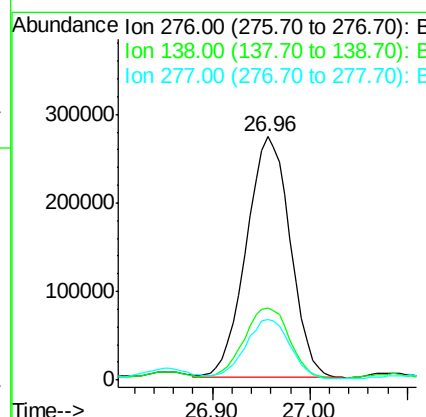
Manual Integrations
APPROVED

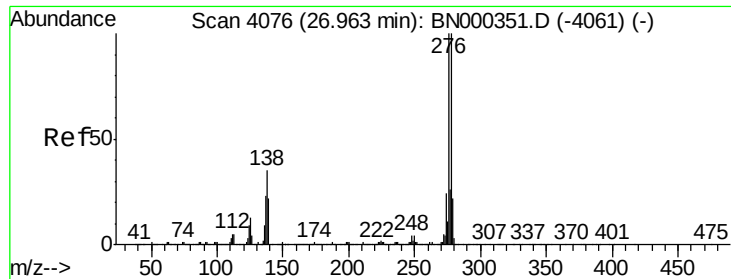
Sohil
3/14/2018 5:46:28 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 12.547 ng/ul
RT: 26.96 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	14.4	21.6
277	25.1	18.0	27.0





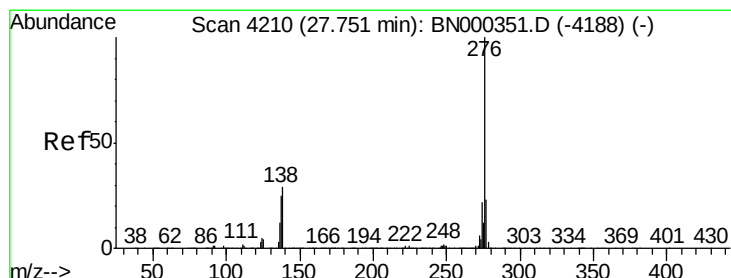
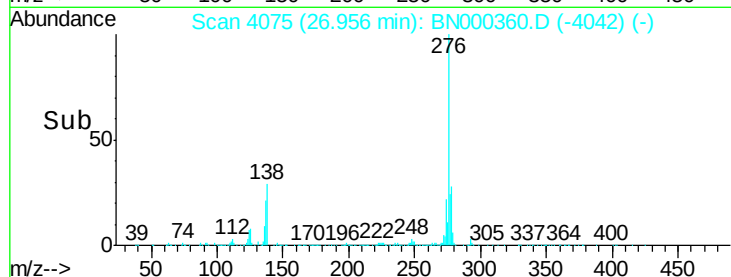
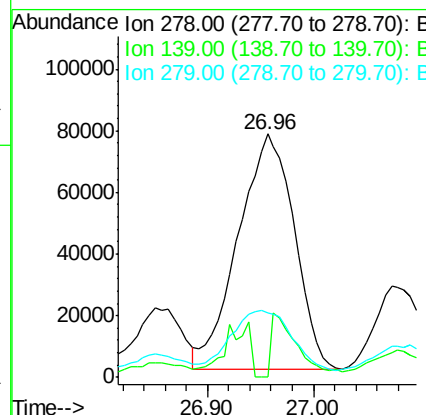
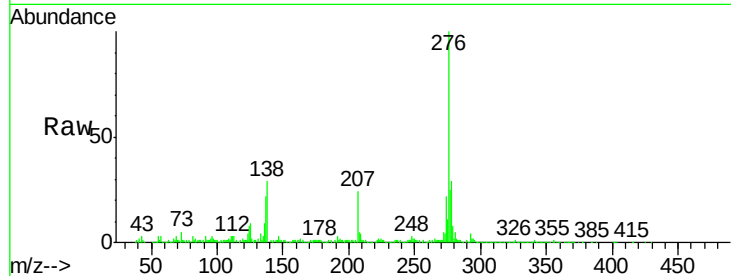
#28
Dibenzo(a,h)anthracene
Concen: 4.998 ng/ul
RT: 26.96 min Scan# 4075
Delta R.T. -0.01 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

Instrument :
BNA_N
ClientSampled :
DAM76DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	26.5	19.2	28.8

Manual Integrations
APPROVED

Sohil
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#29
Benzo(g,h,i)perylene
Concen: 12.959 ng/ul
RT: 27.75 min Scan# 4210
Delta R.T. -0.00 min
Lab File: BN000360.D
Acq: 13 Mar 2018 21:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	15.3	22.9#
277	23.8	19.0	28.4

