

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
 Data File : BN001046.D
 Acq On : 02 May 2018 00:34
 Operator : JU/SJ
 Sample : J2601-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAT48

Manual Integrations
 APPROVED

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 5/2/2018 11:09:49 AM

Quant Time: May 02 08:20:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 07:44:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	100182	20.00	ng/ul	0.00
2) Naphthalene-d8	10.38	136	421190	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	210660	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	435521	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	437393	20.00	ng/ul	-0.01
22) Perylene-d12	23.40	264	450997	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	549583	27.16	ng/ul	0.00
10) Fluorene-d10	15.25	176	383737	28.42	ng/ul	0.00
14) Anthracene-d10	17.10	188	554187	27.83	ng/ul	0.00
18) Pyrene-d10	19.40	212	609688	27.20	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	657673	30.87	ng/ul	-0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	35888	1.511	ng/ul	97
16) Fluoranthene	19.06	202	99602	4.133	ng/ul#	91
19) Pyrene	19.43	202	81466	2.900	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	38708	1.480	ng/ul	97
21) Chrysene	21.24	228	54442m	2.215	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	76140m	2.971	ng/ul	
26) Benzo(a)pyrene	23.30	252	45609m	1.862	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.58	276	38338	1.296	ng/ul#	92
29) Benzo(g,h,i)perylene	26.24	276	32911	1.330	ng/ul#	89

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

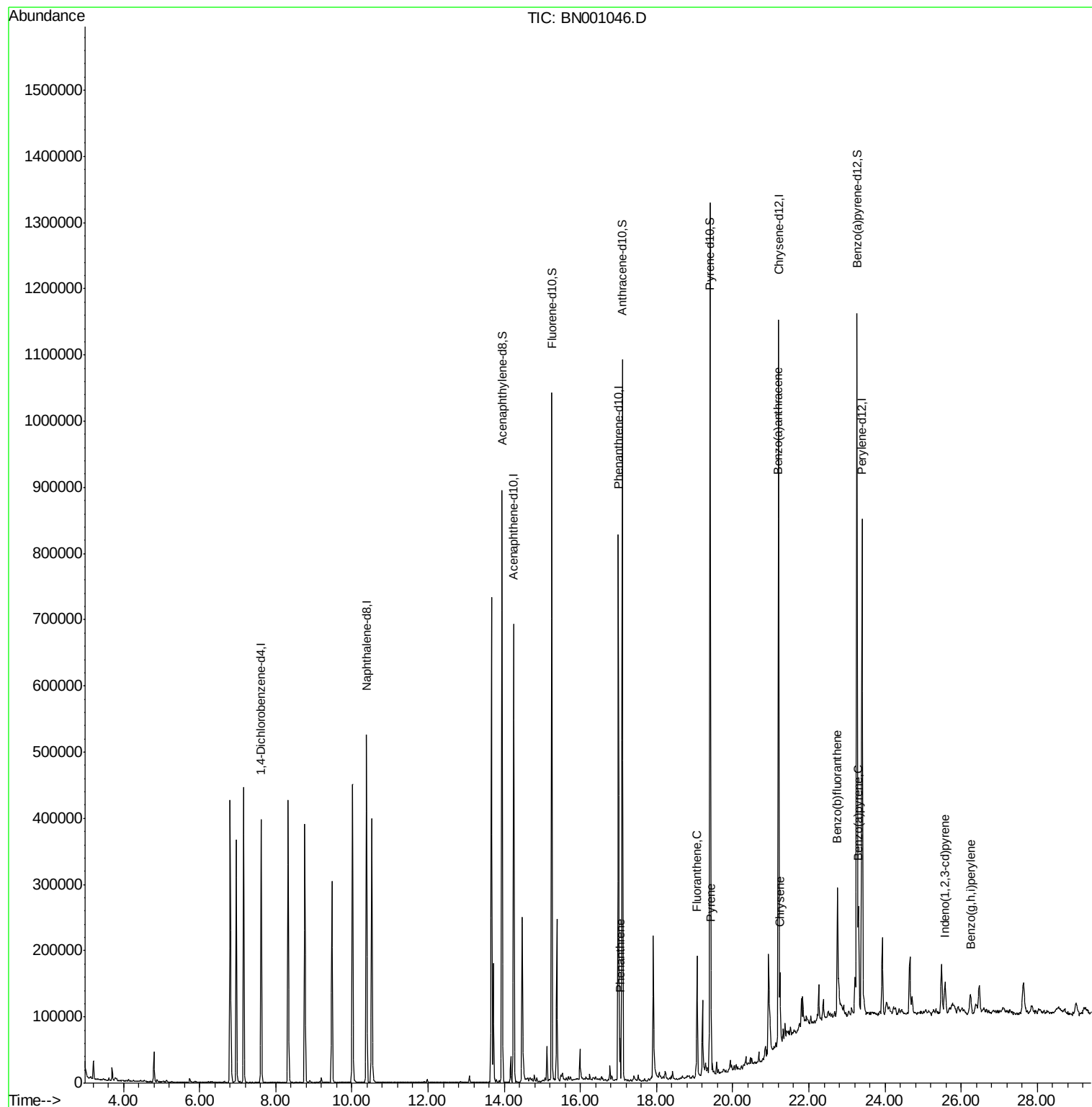
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001046.D
Acq On : 02 May 2018 00:34
Operator : JU/SJ
Sample : J2601-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

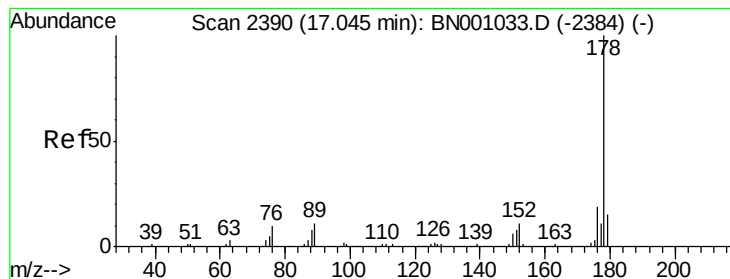
Instrument :
BNA_N
ClientSampled :
DAT48

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Quant Time: May 02 08:20:27 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 07:44:40 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.511 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN001046.D

Acq: 02 May 2018 00:34

Instrument :

BNA_N

ClientSampleId :

DAT48

Tot Ion:178 Resp: 35888

Ion Ratio Lower Upper

178 100

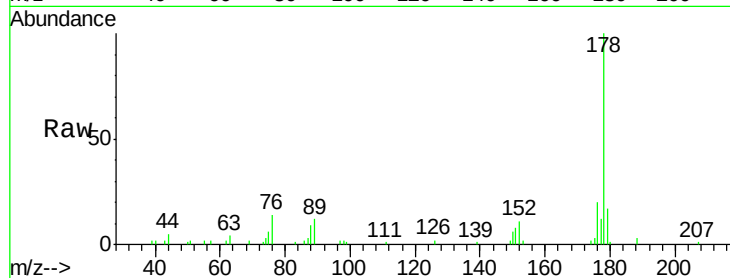
179 17.5 12.3 18.5

176 19.5 15.1 22.7

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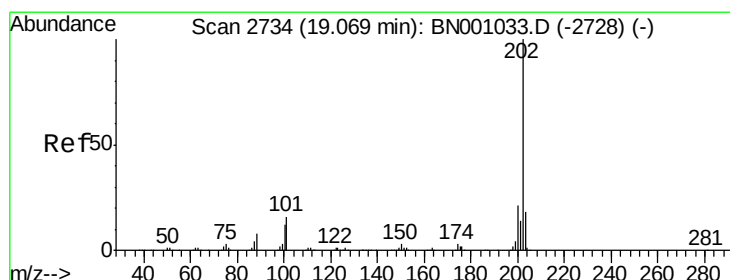
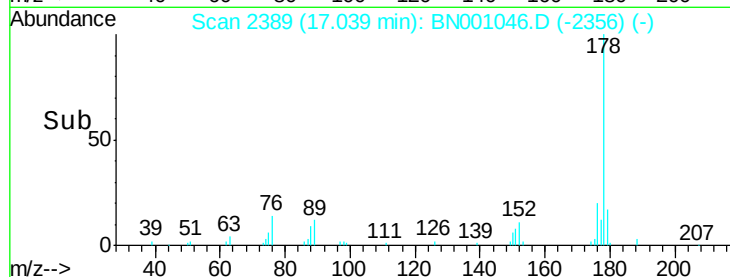
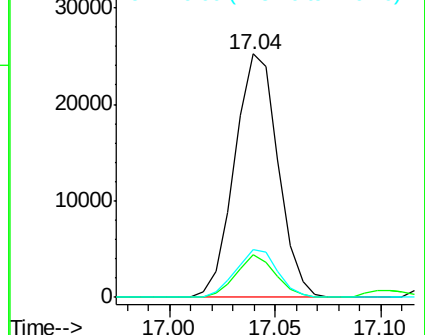
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 4.133 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BN001046.D

Acq: 02 May 2018 00:34

Tgt Ion:202 Resp: 99602

Ion Ratio Lower Upper

202 100

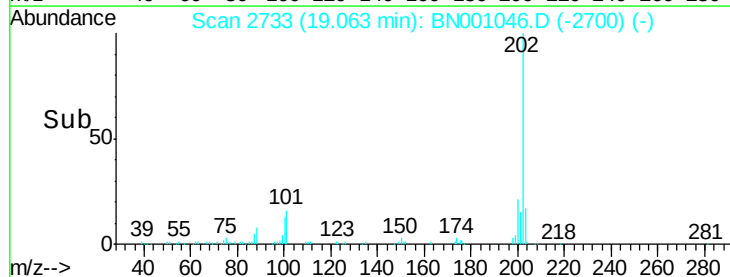
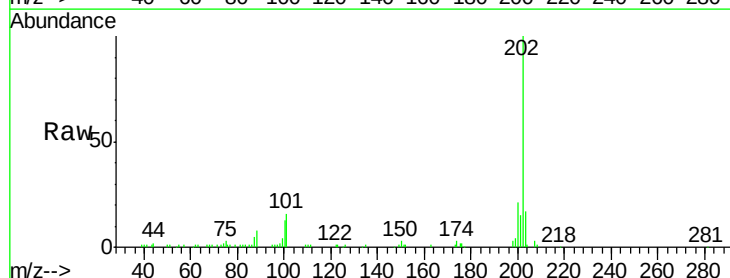
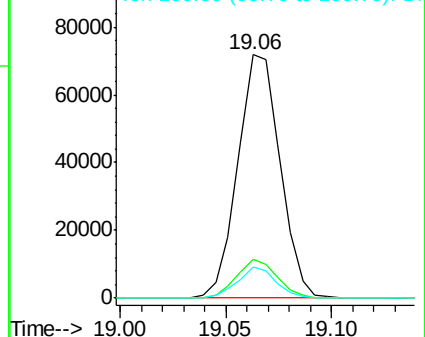
101 15.8 9.9 14.9#

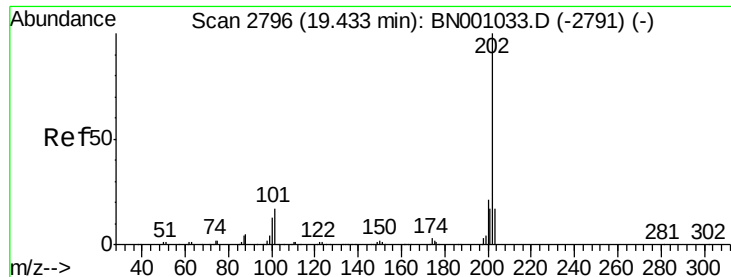
100 12.5 7.4 11.0#

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





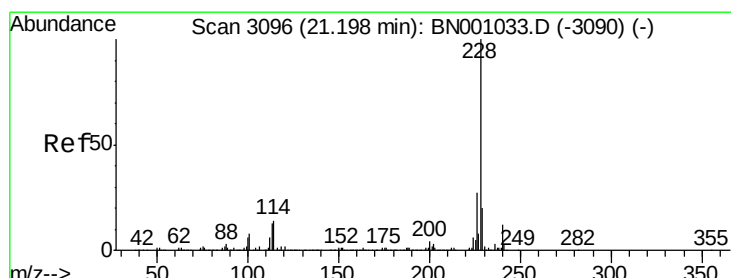
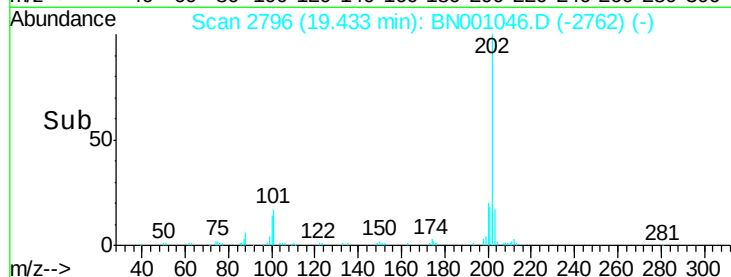
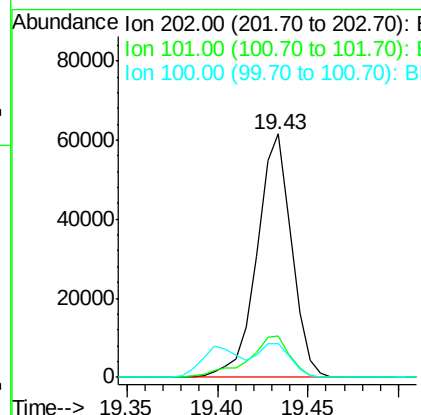
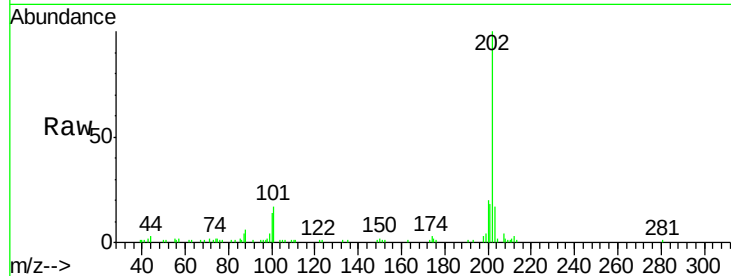
#19
Pvrene
Concen: 2.900 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Instrument :
BNA_N
ClientSampleId :
DAT48

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.0	11.0	16.4#
100	13.9	8.1	12.1#

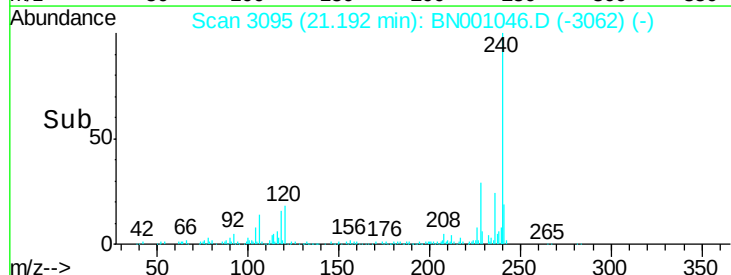
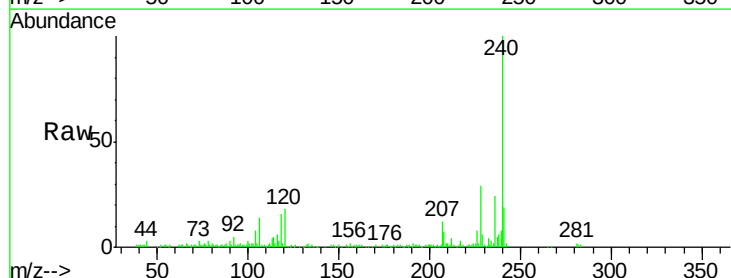
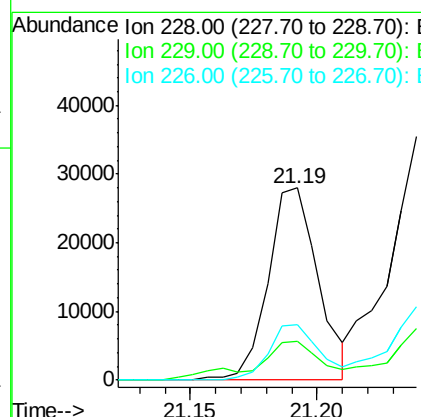
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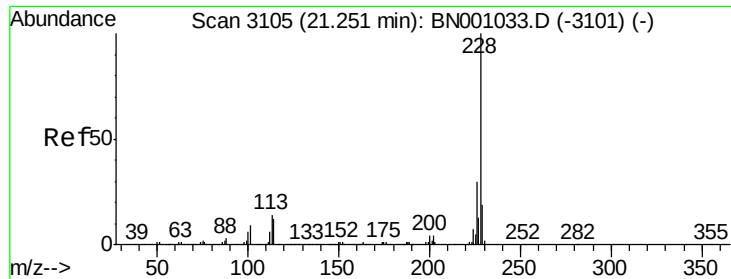
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#20
Benzo(a)anthracene
Concen: 1.480 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	29.0	21.1	31.7





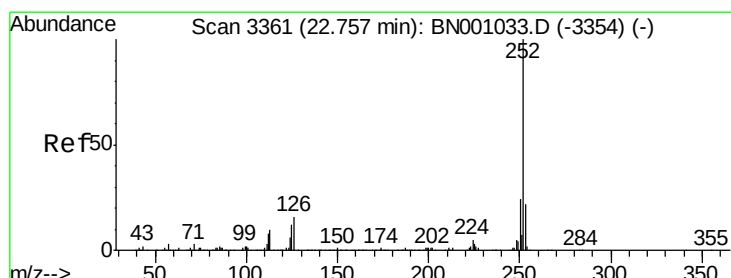
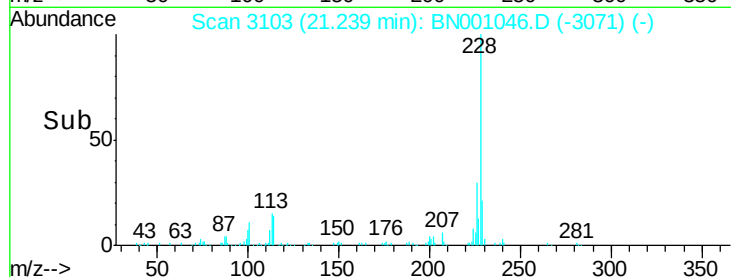
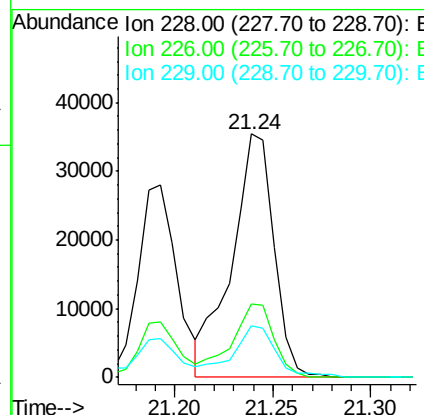
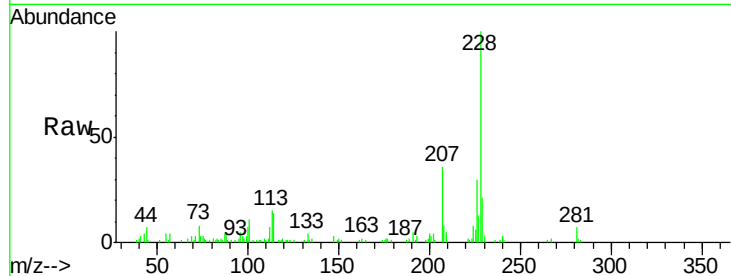
#21
Chrysene
Concen: 2.215 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Instrument :
BNA_N
ClientSampleId :
DAT48

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	21.3	15.8	23.8

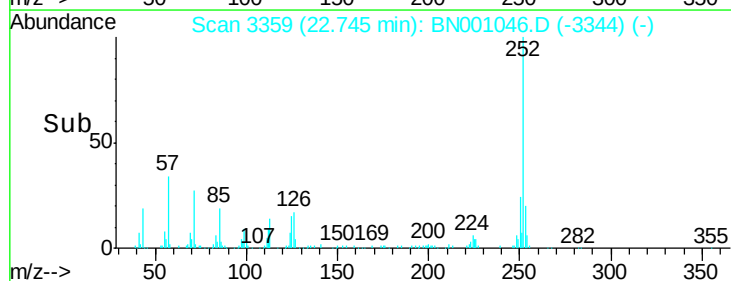
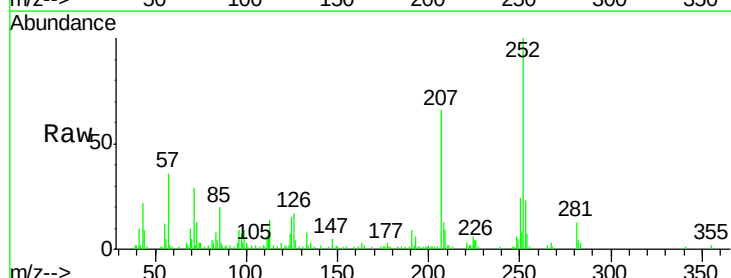
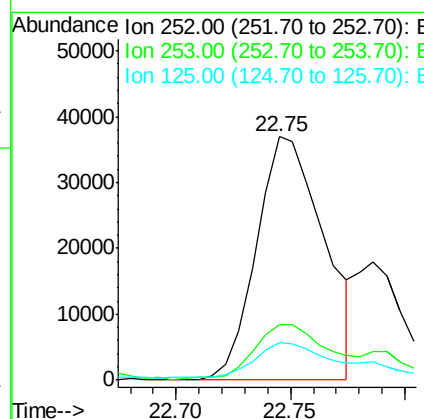
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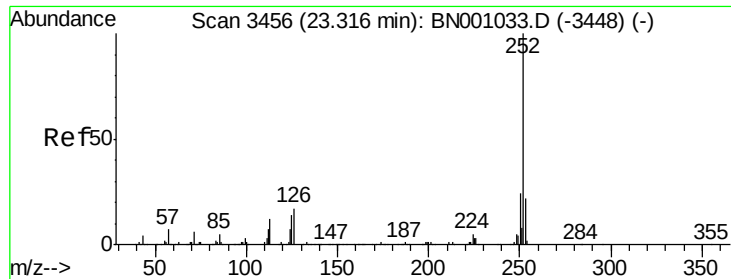
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#23
Benzo(b)fluoranthene
Concen: 2.971 ng/ul m
RT: 22.75 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	15.5	8.0	12.0





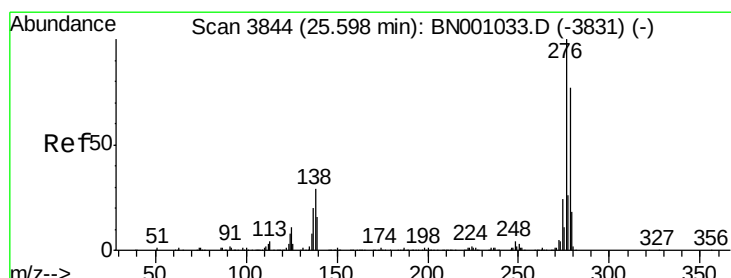
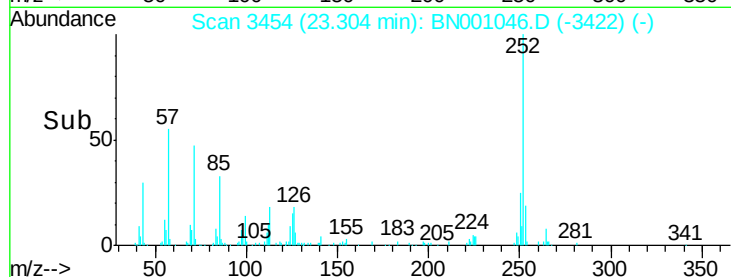
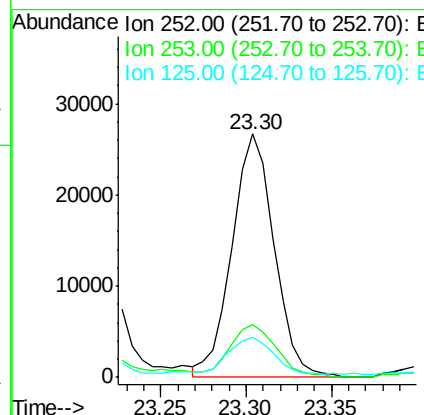
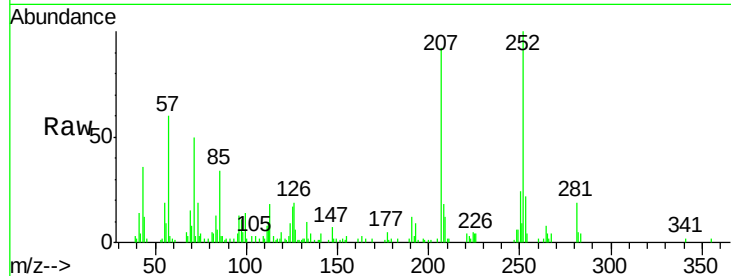
#26
Benzo(a)pyrene
Concen: 1.862 ng/ul m
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Instrument :
BNA_N
ClientSampleId :
DAT48

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	16.6	8.2	12.4

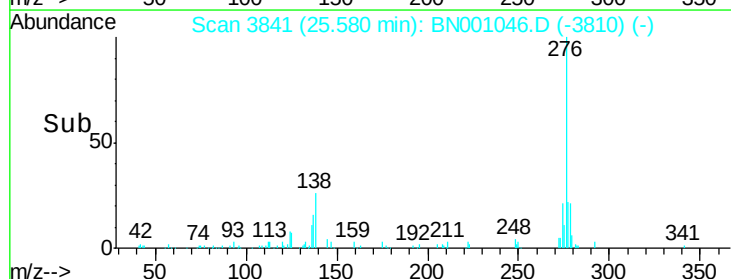
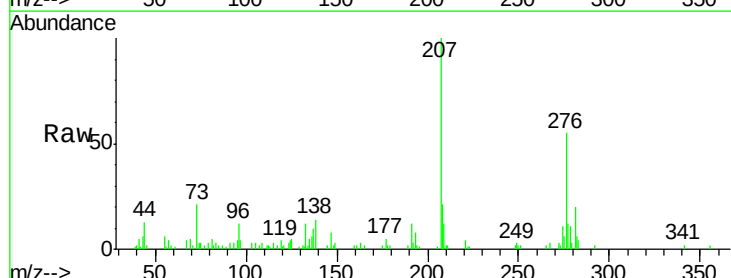
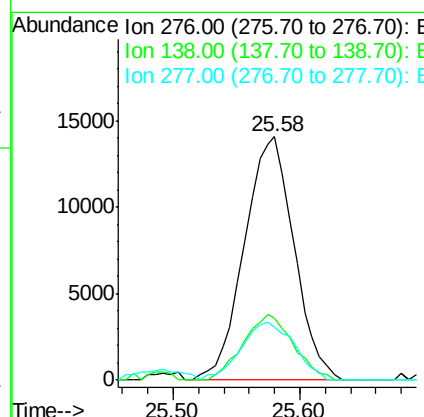
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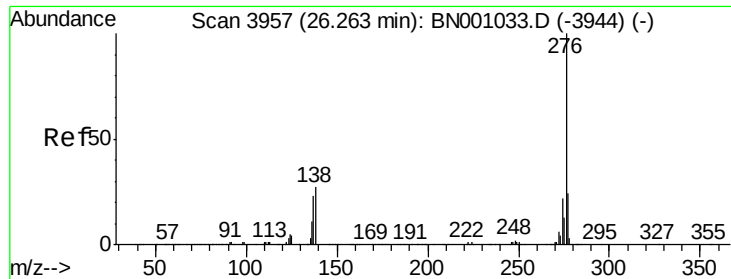
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.296 ng/ul
RT: 25.58 min Scan# 3841
Delta R.T. -0.02 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	14.4	21.6
277	21.7	18.0	27.0





#29

Benzo(a,h,i)perylene

Concen: 1.330 ng/ul

RT: 26.24 min Scan# 3954

Delta R.T. -0.02 min

Lab File: BN001046.D

Acq: 02 May 2018 00:34

Instrument :

BNA_N

ClientSampleId :

DAT48

Tot Ion:	276	Resp:	32911
Ion Ratio	Lower	Upper	
276	100		
138	28.8	15.3	22.9#
277	25.1	19.0	28.4

Manual Integrations
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