

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001115.D
 Acq On : 03 May 2018 19:46
 Operator : JU/SJ
 Sample : J2633-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS92

Manual Integrations
 APPROVED

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 5/4/2018 1:33:37 PM

Quant Time: May 04 08:27:04 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 08:04:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	96323	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	392511	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	194039	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	399433	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	398115	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	429722	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	446863	23.98	ng/ul	0.00
10) Fluorene-d10	15.25	176	308303	24.79	ng/ul	0.00
14) Anthracene-d10	17.10	188	448069	24.53	ng/ul	0.00
18) Pyrene-d10	19.41	212	485061	23.78	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	535651	26.39	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	31579	1.450	ng/ul	97
16) Fluoranthene	19.07	202	66239	2.997	ng/ul	95
19) Pyrene	19.44	202	60666	2.372	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	41409m	1.740	ng/ul	
21) Chrysene	21.25	228	44009	1.967	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	72075m	2.951	ng/ul	
26) Benzo(a)pyrene	23.32	252	44583	1.910	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.60	276	34769	1.233	ng/ul#	87
29) Benzo(g,h,i)perylene	26.27	276	37360	1.585	ng/ul#	87

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

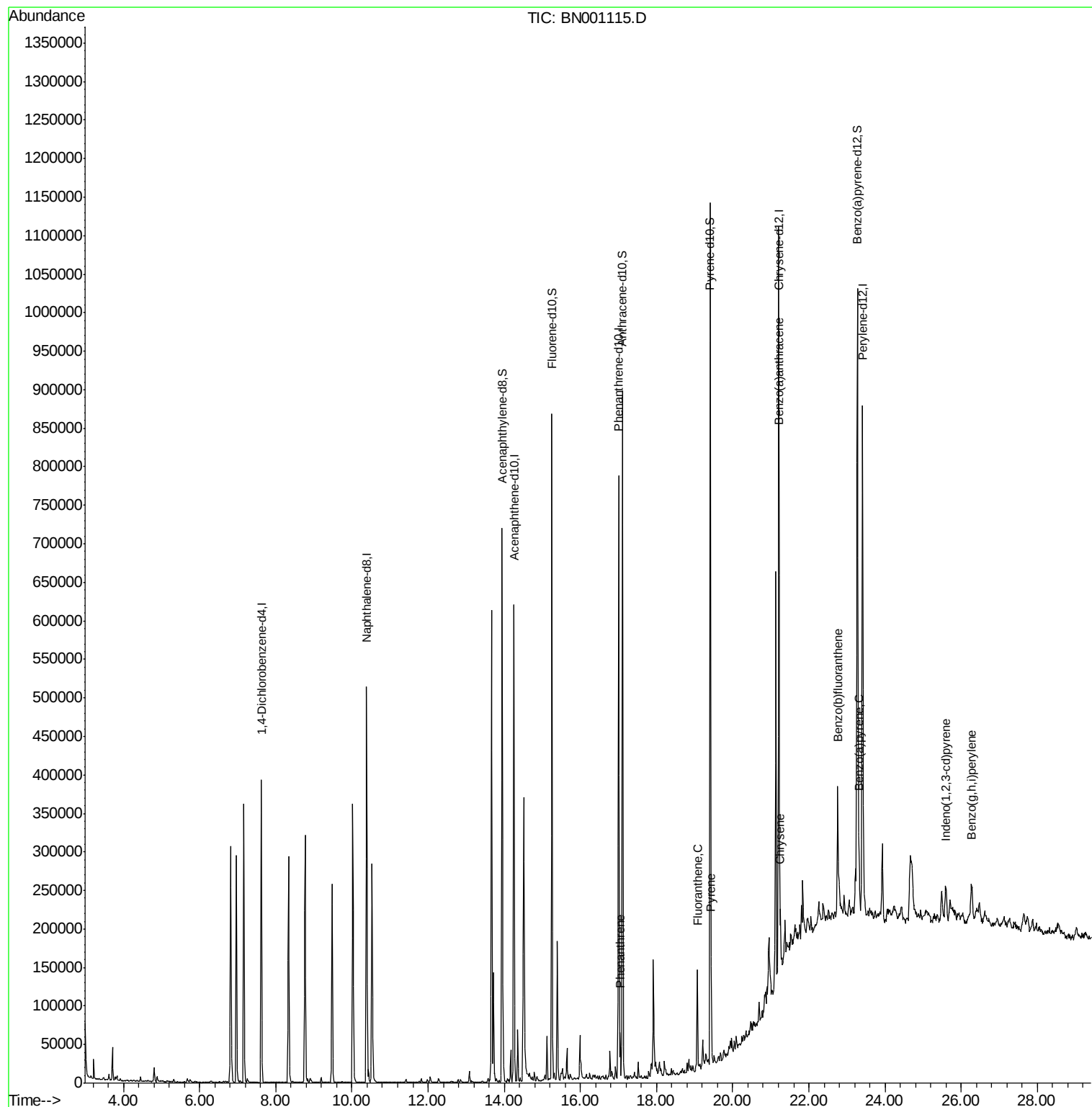
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
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ALS Vial : 19 Sample Multiplier: 1

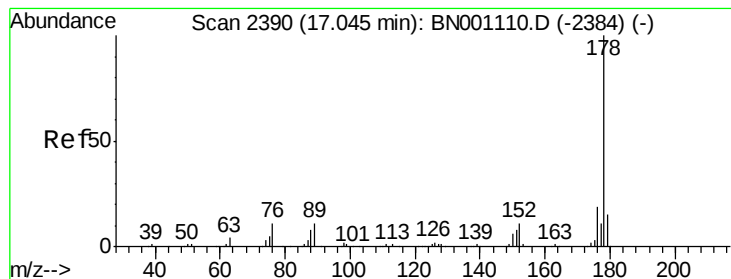
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QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.450 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN001115.D

Acq: 03 May 2018 19:46

Instrument :

BNA_N

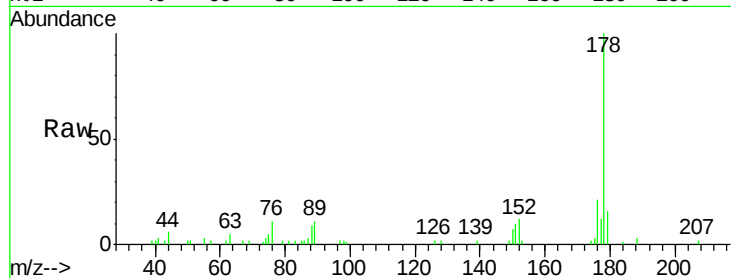
ClientSampleId :

DAS92

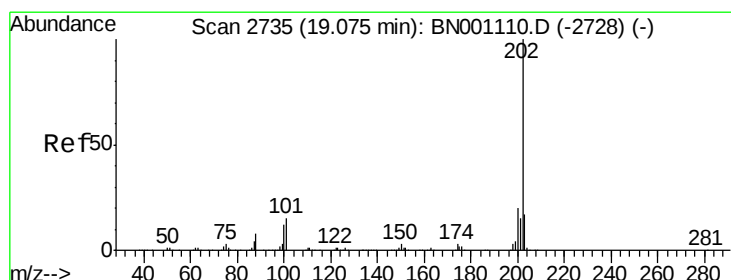
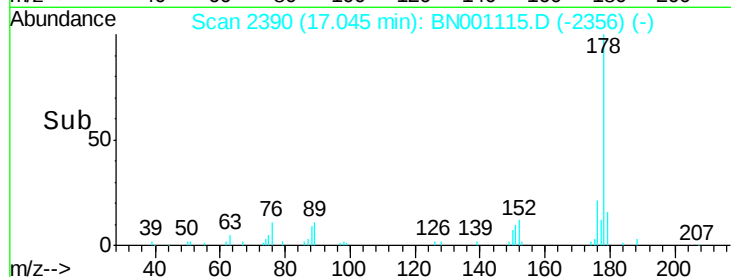
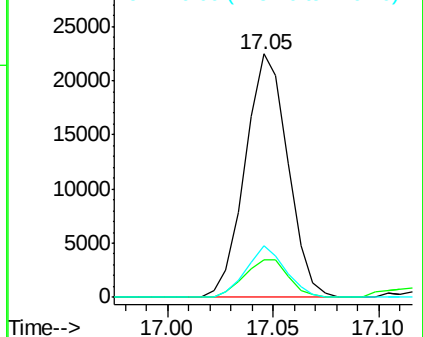
Tot Ion:	178	Resp:	31579
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	21.0	15.1	22.7

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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: 2.997 ng/ul

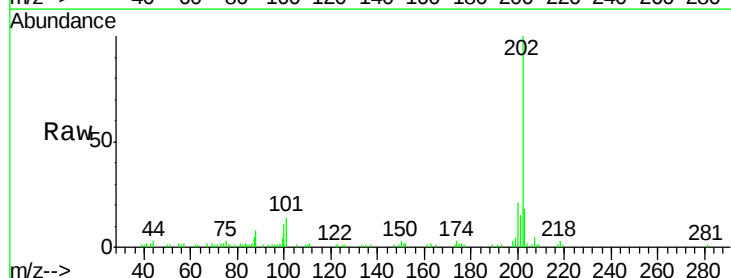
RT: 19.07 min Scan# 2735

Delta R.T. -0.00 min

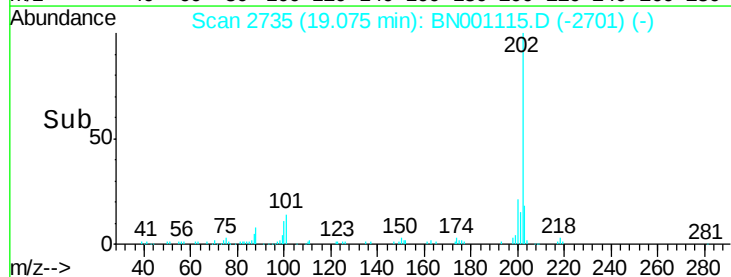
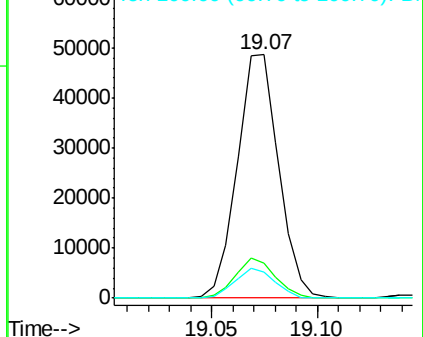
Lab File: BN001115.D

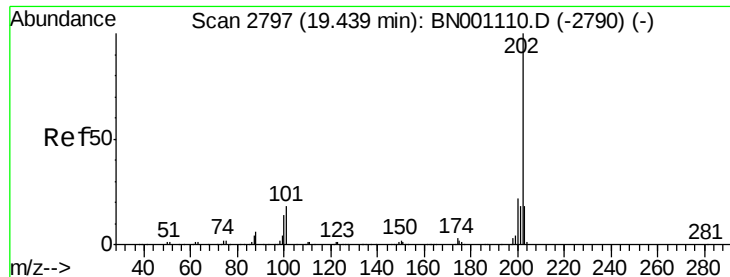
Acq: 03 May 2018 19:46

Tgt Ion:	202	Resp:	66239
Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.9	14.9
100	10.9	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





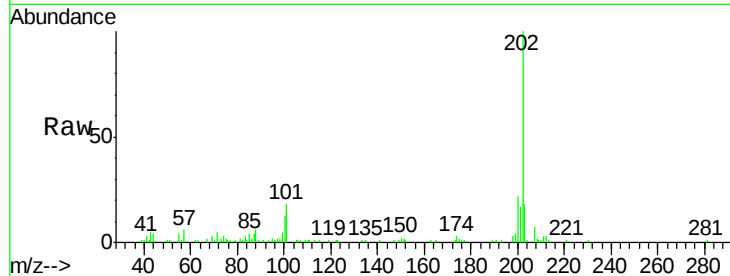
#19
Pvrene
Concen: 2.372 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN001115.D
Acq: 03 May 2018 19:46

Instrument :
BNA_N
ClientSampleId :
DAS92

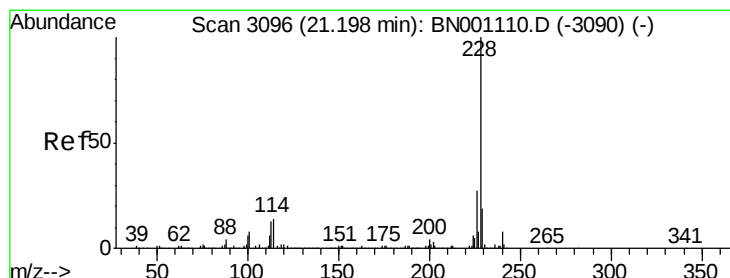
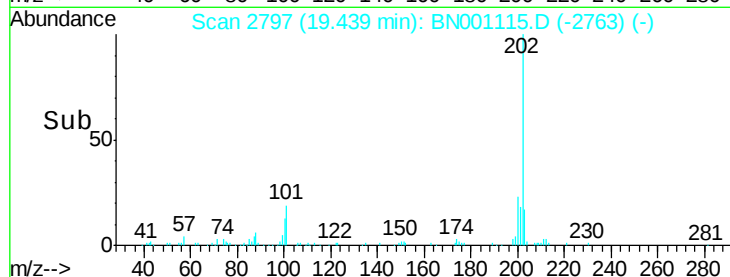
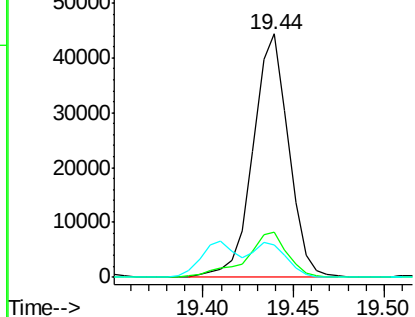
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	18.4	11.0	16.4#
100	13.2	8.1	12.1#

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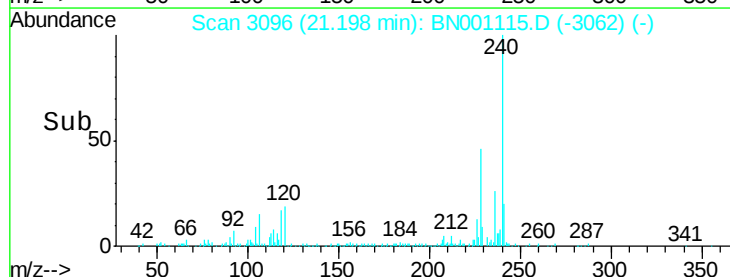
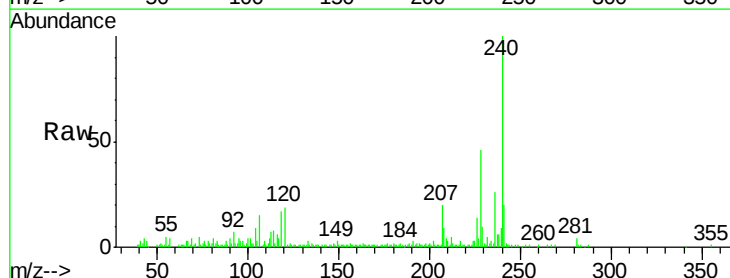
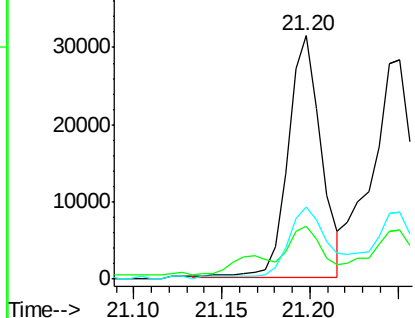
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

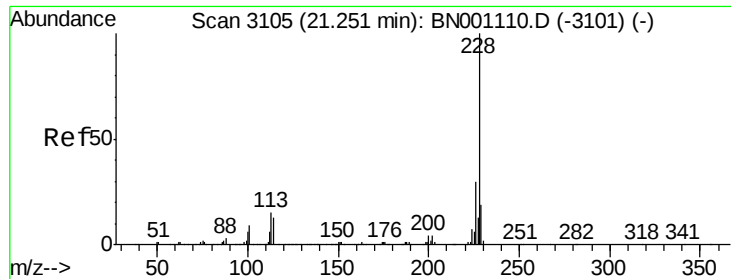


#20
Benzo(a)anthracene
Concen: 1.740 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN001115.D
Acq: 03 May 2018 19:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.7	15.7	23.5
226	29.6	21.1	31.7

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.967 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN001115.D

Acq: 03 May 2018 19:46

Instrument :

BNA_N

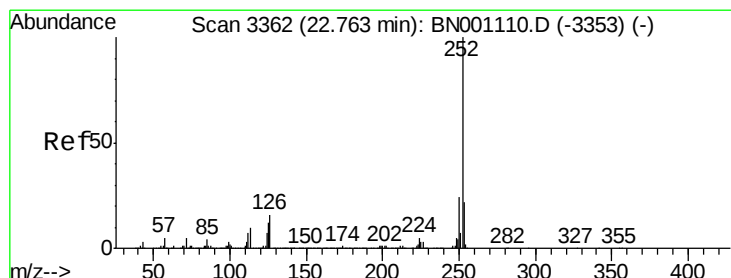
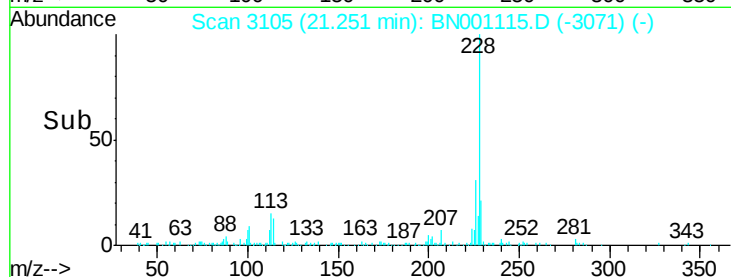
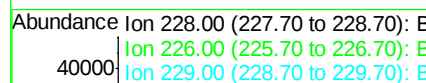
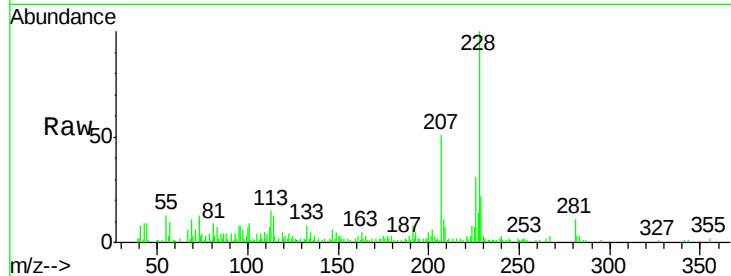
ClientSampleId :

DAS92

Tot Ion:	228	Resp:	44009
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.5	36.7
229	22.5	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 2.951 ng/ul m

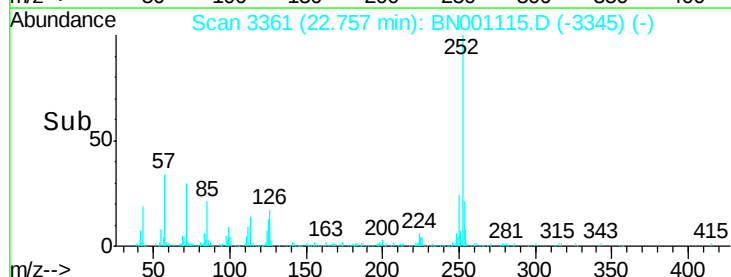
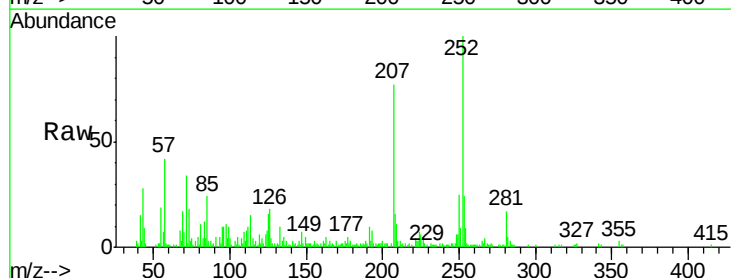
RT: 22.76 min Scan# 3361

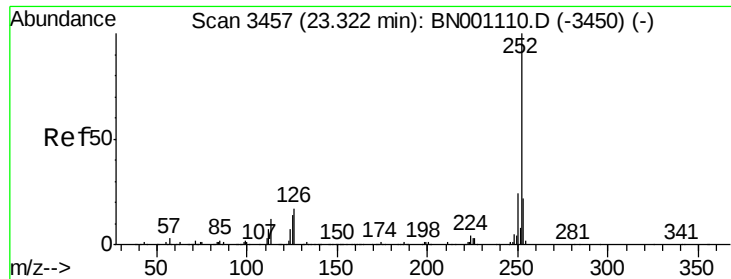
Delta R.T. -0.01 min

Lab File: BN001115.D

Acq: 03 May 2018 19:46

Tgt Ion:	252	Resp:	72075
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.0	27.0
125	15.7	8.0	12.0#





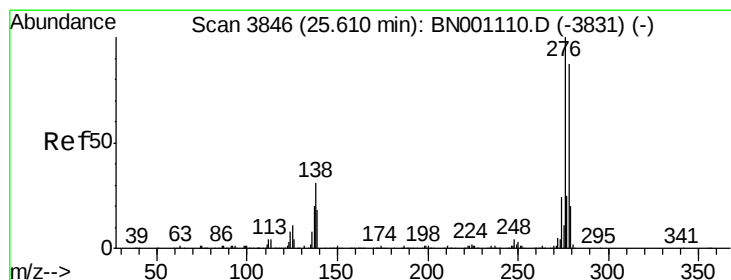
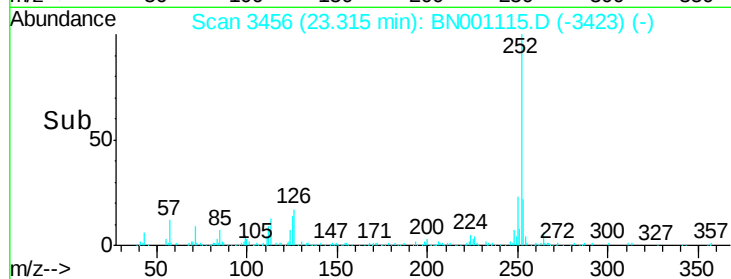
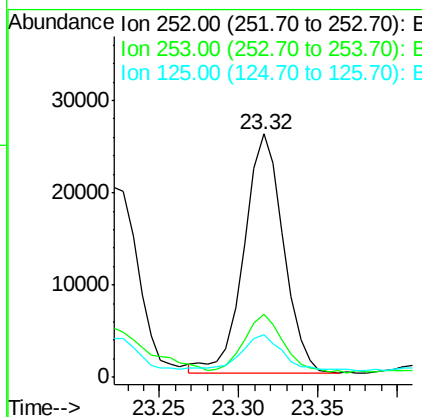
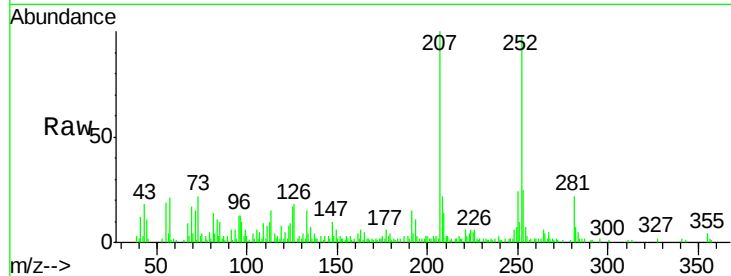
#26
Benzo(a)pyrene
Concen: 1.910 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN001115.D
Acq: 03 May 2018 19:46

Instrument :
BNA_N
ClientSampleId :
DAS92

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	17.3	8.2	12.4#

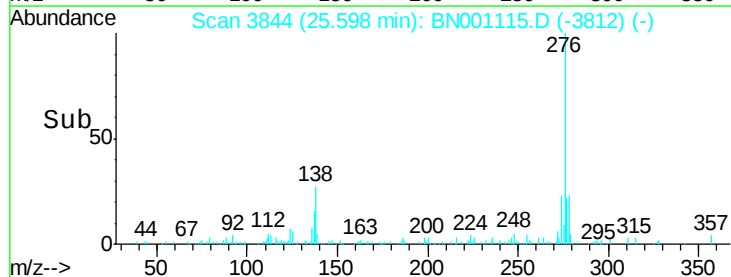
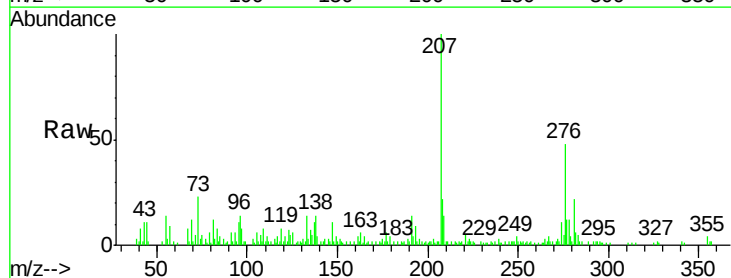
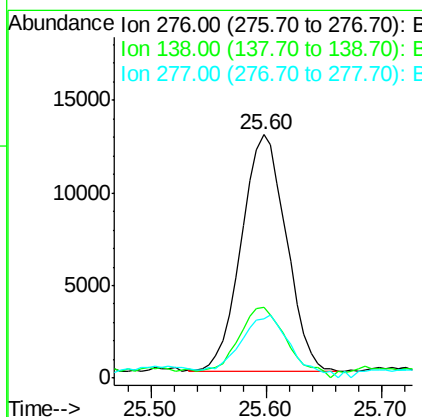
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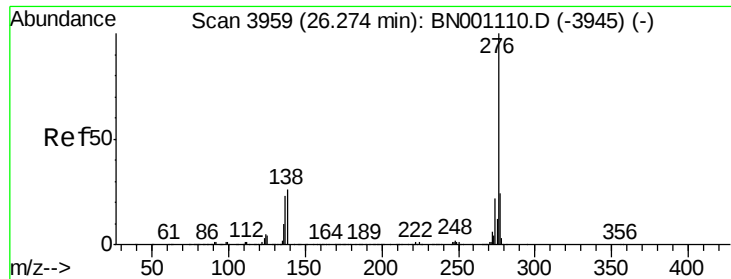
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.233 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN001115.D
Acq: 03 May 2018 19:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	14.4	21.6#
277	24.2	18.0	27.0





#29

Benzo(a,h,i)perylene

Concen: 1.585 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BN001115.D

Acq: 03 May 2018 19:46

Instrument :

BNA_N

ClientSampleId :

DAS92

Tot Ion:	276	Resp:	37360
Ion Ratio	Lower	Upper	
276	100		
138	28.4	15.3	22.9#
277	27.1	19.0	28.4

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