

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001111.D
 Acq On : 03 May 2018 17:25
 Operator : JU/SJ
 Sample : J2633-15MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DASA4MS

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:33:32 PM

Quant Time: May 04 08:10:14 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	121512	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	531010	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	268196	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	496360	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	375093	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	391316	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	694771	26.97	ng/ul	0.00
10) Fluorene-d10	15.25	176	468473	27.25	ng/ul	0.00
14) Anthracene-d10	17.10	188	631870	27.84	ng/ul	0.00
18) Pyrene-d10	19.41	212	577888	30.07	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	556563	30.11	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	14.32	153	467933	26.566	ng/ul	95
16) Fluoranthene	19.07	202	56221	2.047	ng/ul#	93
19) Pyrene	19.44	202	755459	31.356	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	33433	1.491	ng/ul	93
21) Chrysene	21.25	228	38788m	1.841	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	63723m	2.865	ng/ul	
26) Benzo(a)pyrene	23.32	252	38524	1.813	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.60	276	29169	1.136	ng/ul#	85
29) Benzo(g,h,i)perylene	26.27	276	37729	1.757	ng/ul#	86

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

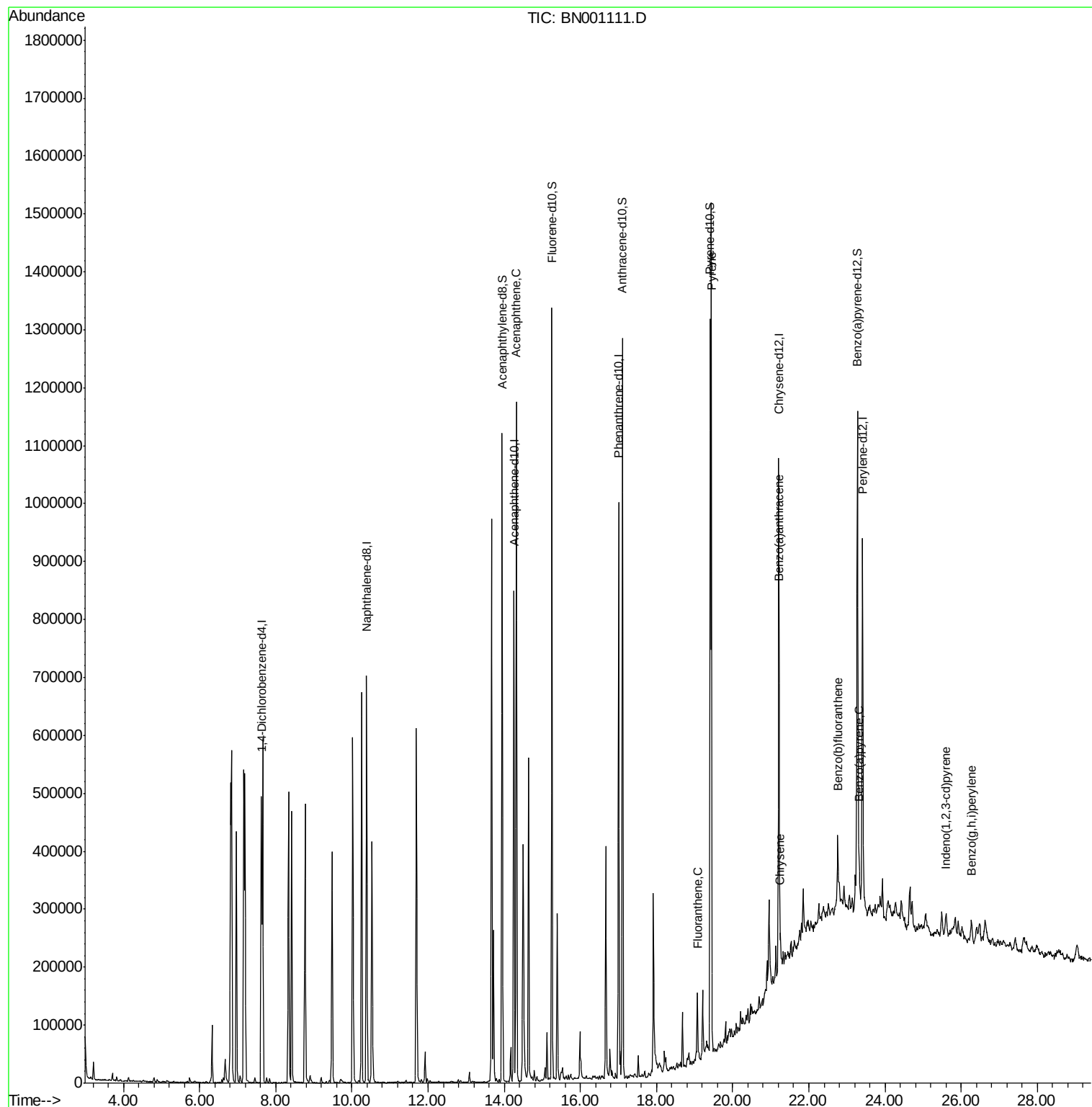
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
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ALS Vial : 15 Sample Multiplier: 1

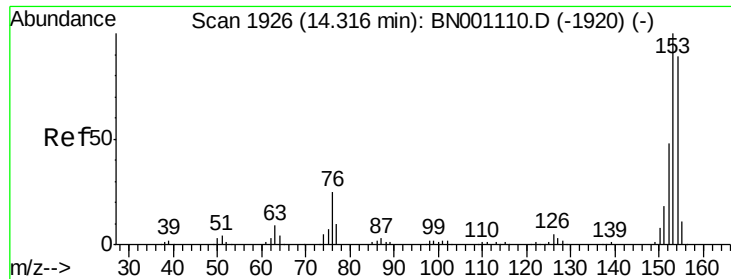
Instrument :
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Quant Time: May 04 08:10:14 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration





#9

Acenaphthene

Concen: 26.566 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BN001111.D

Acq: 03 May 2018 17:25

Instrument :

BNA_N

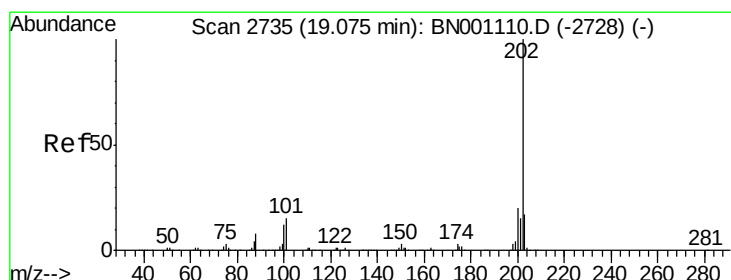
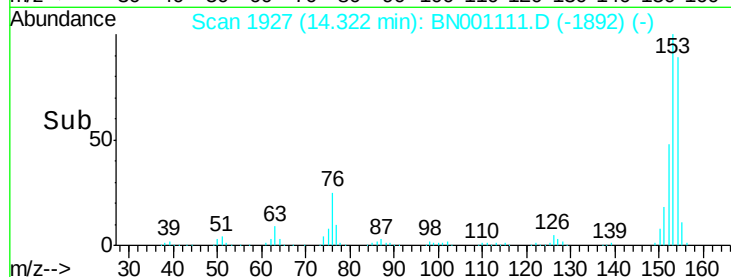
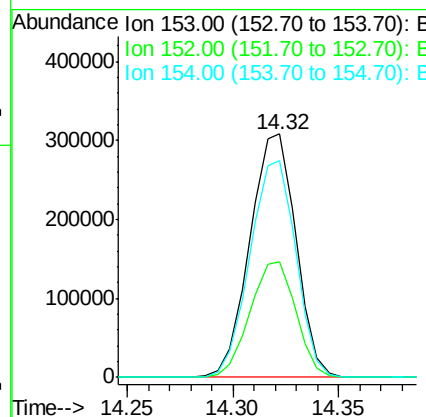
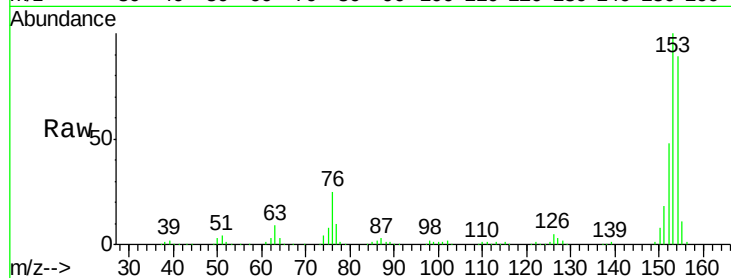
ClientSampleId :

DASA4MS

Tot Ion:	153	Resp:	467933
Ion Ratio	Lower	Upper	
153	100		
152	47.6	39.0	58.6
154	89.1	66.8	100.2

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#16

Fluoranthene

Concen: 2.047 ng/ul

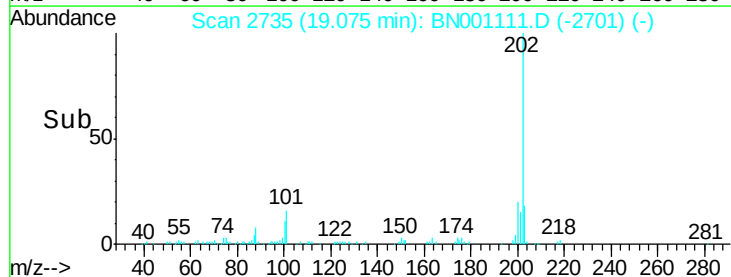
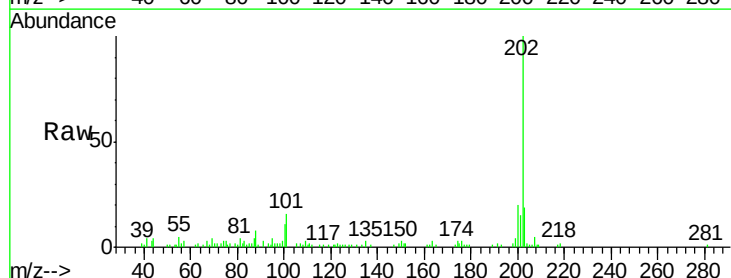
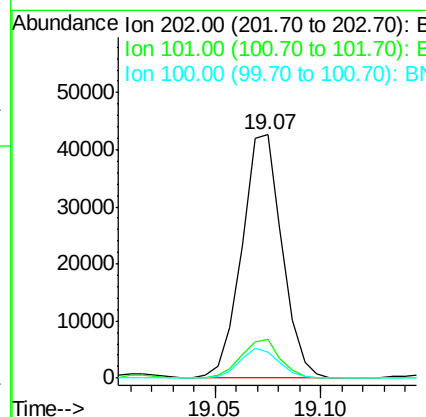
RT: 19.07 min Scan# 2735

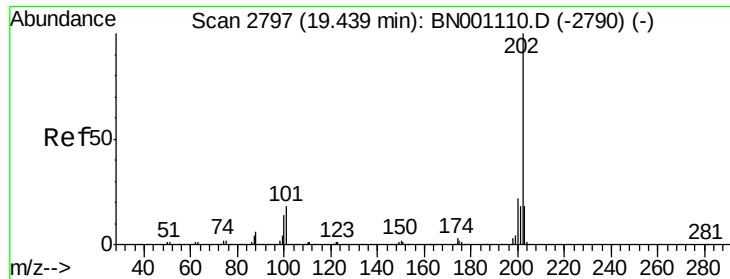
Delta R.T. 0.00 min

Lab File: BN001111.D

Acq: 03 May 2018 17:25

Tgt Ion:	202	Resp:	56221
Ion Ratio	Lower	Upper	
202	100		
101	15.9	9.9	14.9#
100	10.8	7.4	11.0





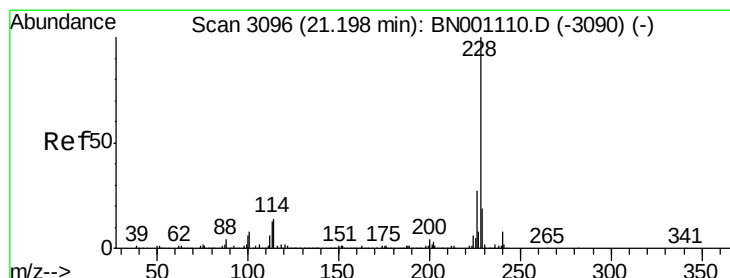
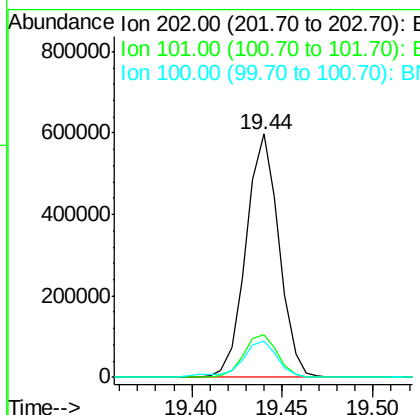
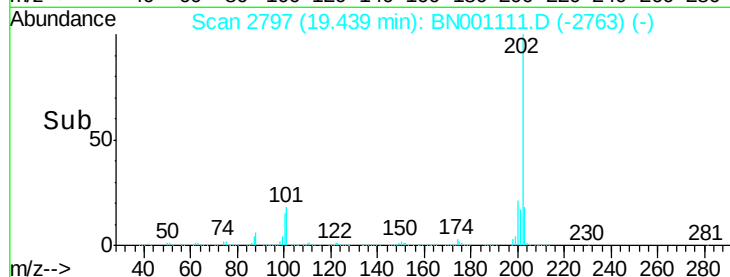
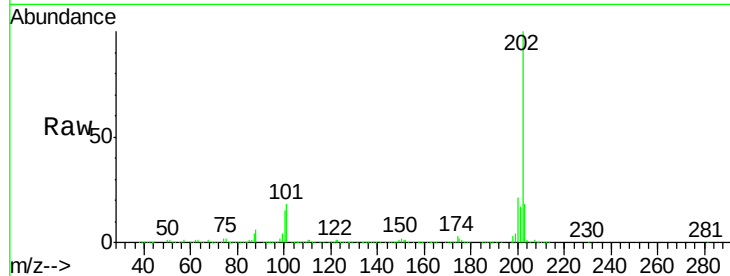
#19
Pvrene
Concen: 31.356 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BN001111.D
Acq: 03 May 2018 17:25

Instrument :
BNA_N
ClientSampleId :
DASA4MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	14.7	8.1	12.1#

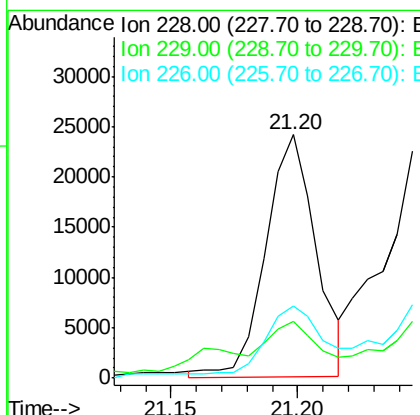
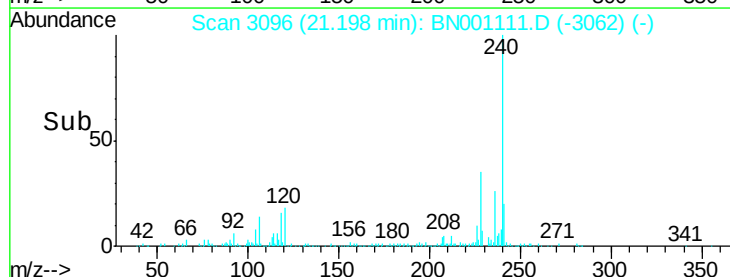
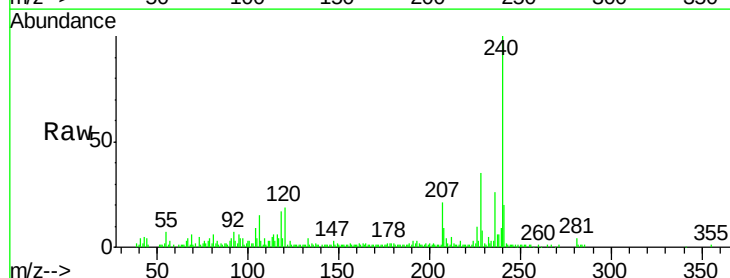
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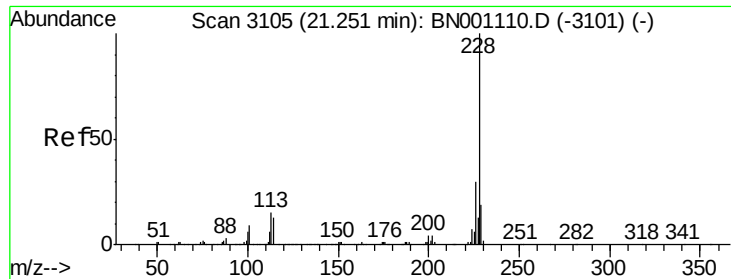
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#20
Benzo(a)anthracene
Concen: 1.491 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN001111.D
Acq: 03 May 2018 17:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.5	15.7	23.5
226	29.5	21.1	31.7





#21

Chrysene

Concen: 1.841 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN001111.D

Acq: 03 May 2018 17:25

Instrument :

BNA_N

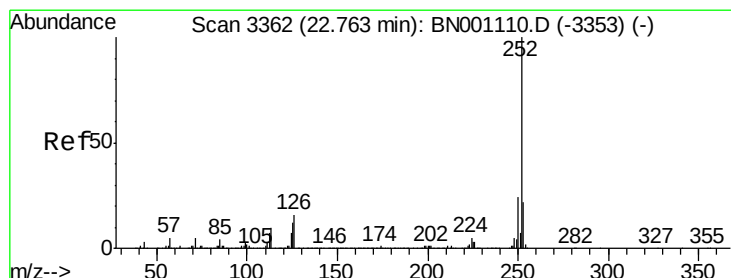
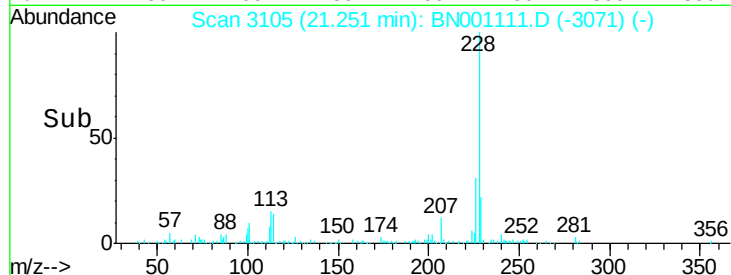
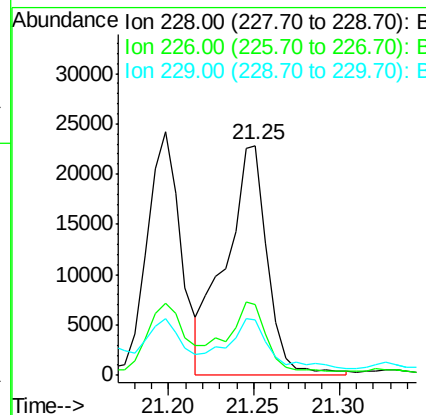
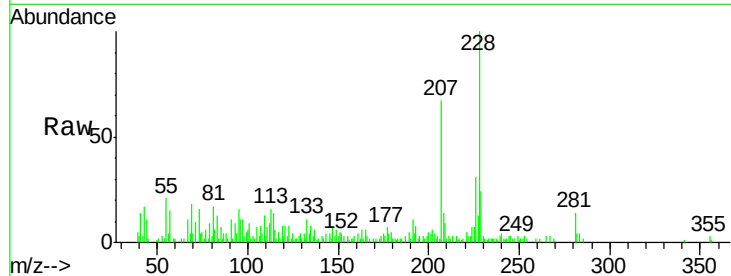
ClientSampleId :

DASA4MS

Tot Ion:	228	Resp:	38788
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.5	36.7
229	23.9	15.8	23.8#

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#23

Benzo(b)fluoranthene

Concen: 2.865 ng/ul m

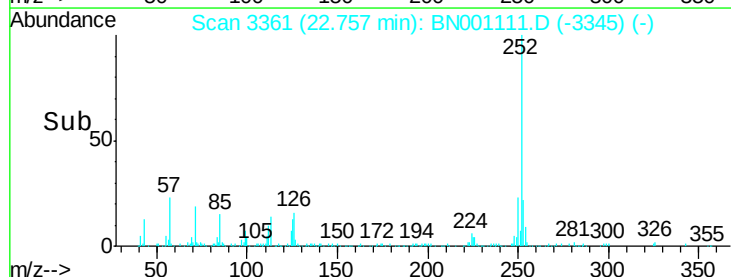
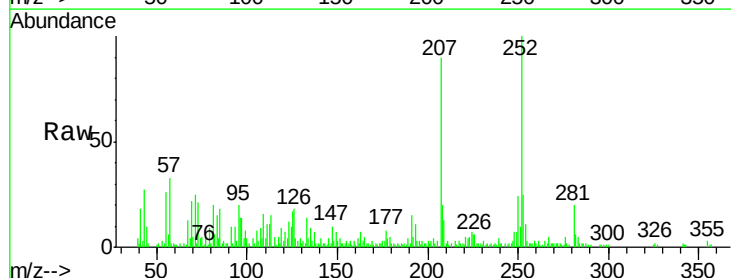
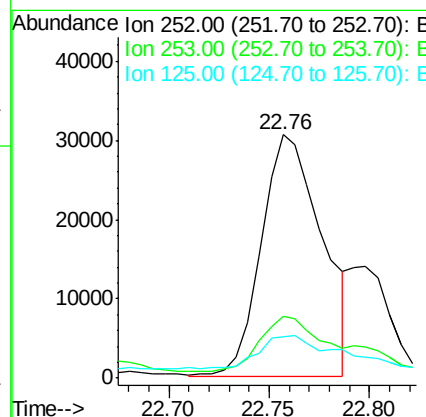
RT: 22.76 min Scan# 3361

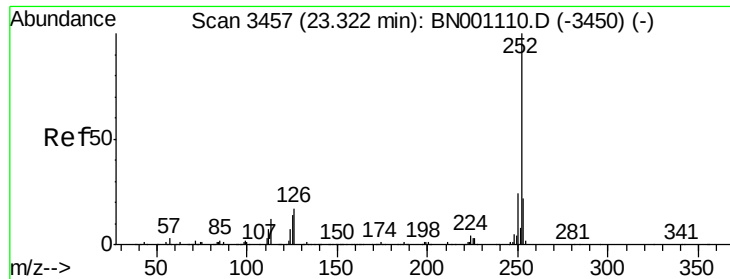
Delta R.T. -0.01 min

Lab File: BN001111.D

Acq: 03 May 2018 17:25

Tgt Ion:	252	Resp:	63723
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.0	27.0
125	17.1	8.0	12.0#





#26

Benzo(a)pyrene

Concen: 1.813 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN001111.D

Acq: 03 May 2018 17:25

Instrument :

BNA_N

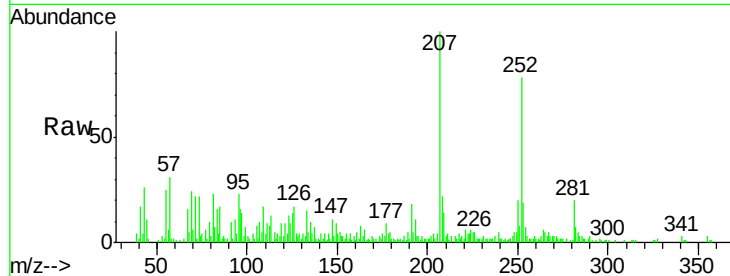
ClientSampleId :

DASA4MS

Tot Ion:	252	Resp:	38524
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.2	25.8
125	18.1	8.2	12.4#

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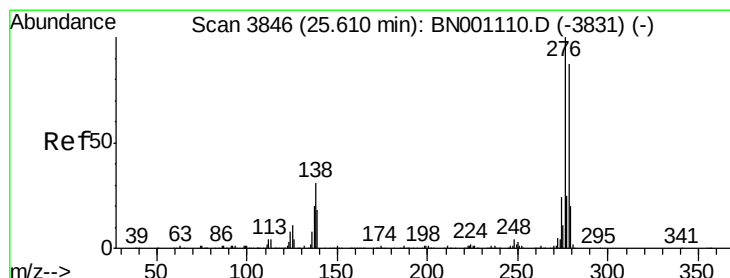
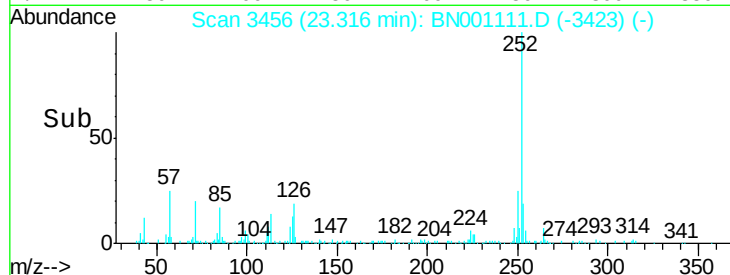
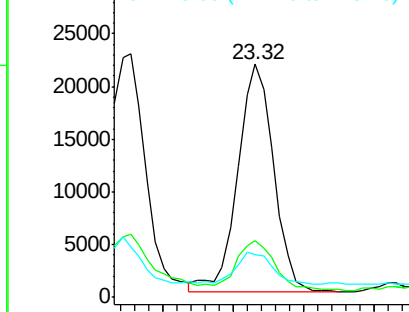


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.136 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BN001111.D

Acq: 03 May 2018 17:25

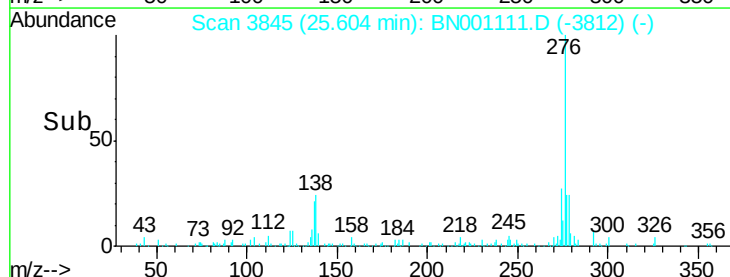
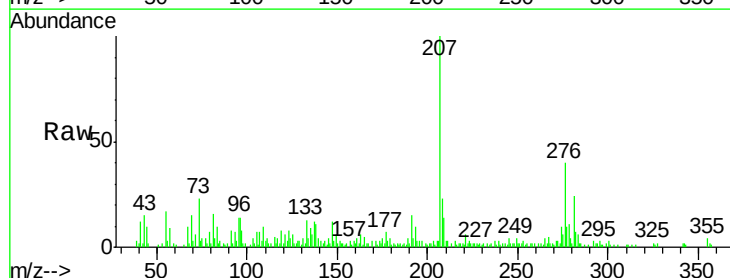
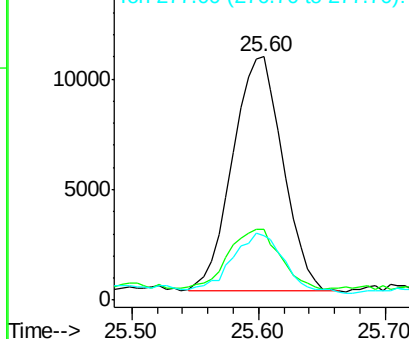
Tgt Ion:	276	Resp:	29169
Ion Ratio	Lower	Upper	
276	100		
138	28.9	14.4	21.6#
277	26.4	18.0	27.0

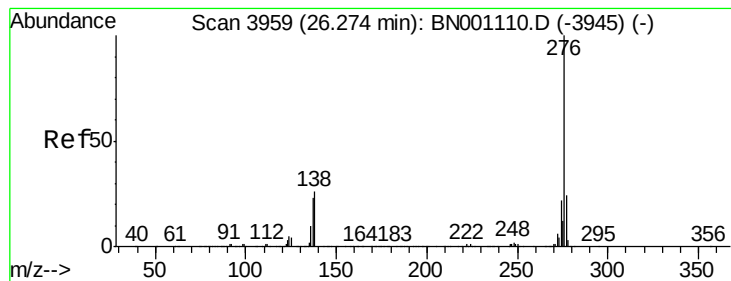
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 1.757 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. 0.00 min

Lab File: BN001111.D

Acq: 03 May 2018 17:25

Instrument :

BNA_N

ClientSampleId :

DASA4MS

Tot Ion: 276 Resp: 37729

Ion Ratio Lower Upper

276 100

138 29.8 15.3 22.9#

277 26.9 19.0 28.4

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