

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006352.D
 Acq On : 17 Jun 2019 17:34
 Operator : JU/SJ
 Sample : K3332-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4221

Manual Integrations
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mohammad
 6/21/2019 8:22:16 AM

Quant Time: Jun 18 02:44:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4776	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19007	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	10180	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17960m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	11218m	0.40	ng/ul	0.01
20) Perylene-d12	23.53	264	9998m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6931	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	12158m	0.25	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	2661m	0.046	ng/ul	
15) Fluoranthene	19.12	202	4360m	0.068	ng/ul	
17) Pyrene	19.49	202	3777	0.064	ng/ul#	87
18) Benzo(a)anthracene	21.27	228	1724	0.035	ng/ul#	86
19) Chrysene	21.32	228	1795	0.039	ng/ul#	92
21) Benzo(b)fluoranthene	22.86	252	2872m	0.069	ng/ul	
23) Benzo(a)pyrene	23.43	252	1755m	0.045	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	1366m	0.033	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	1344m	0.038	ng/ul	

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

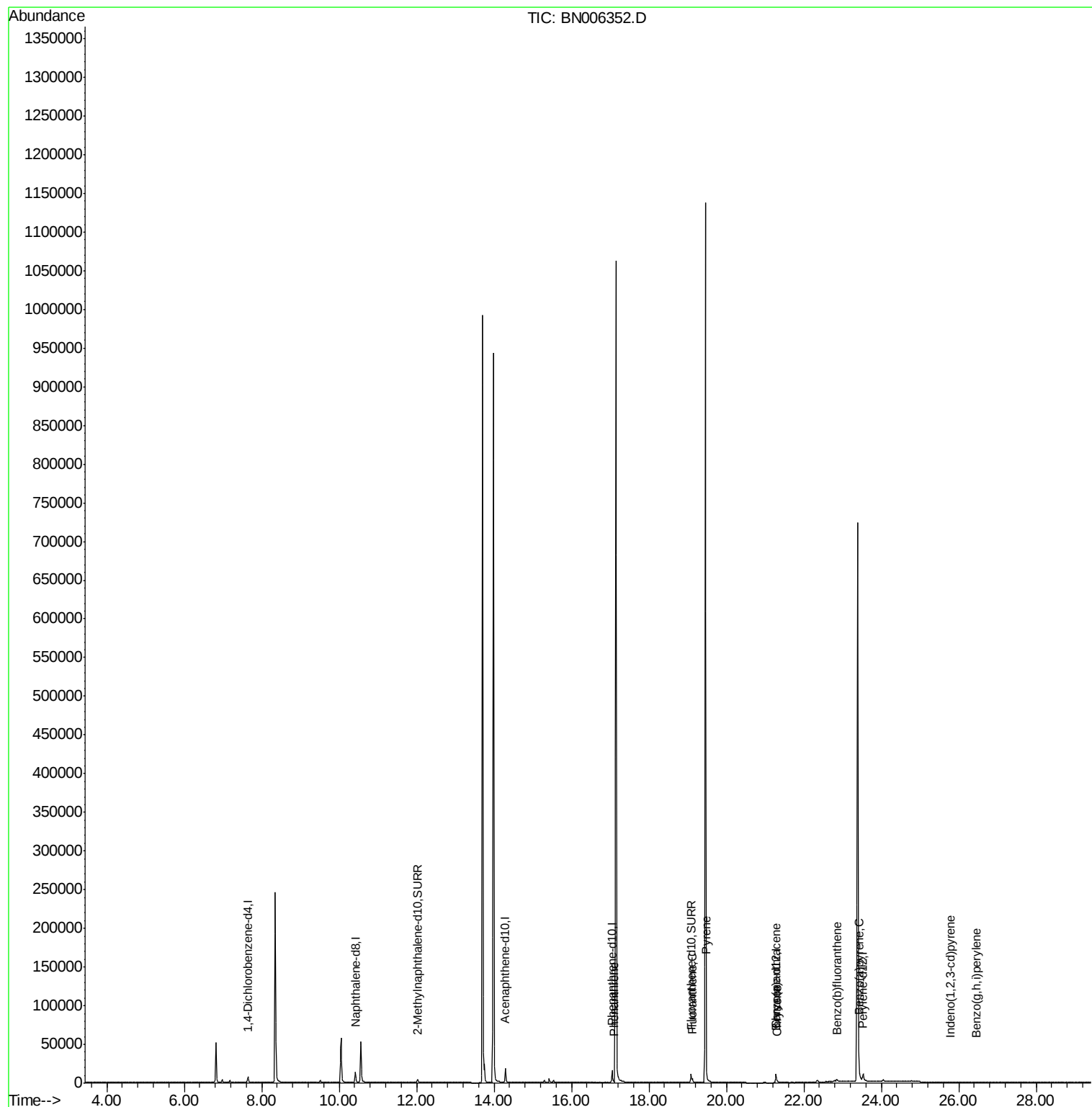
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
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ALS Vial : 12 Sample Multiplier: 1

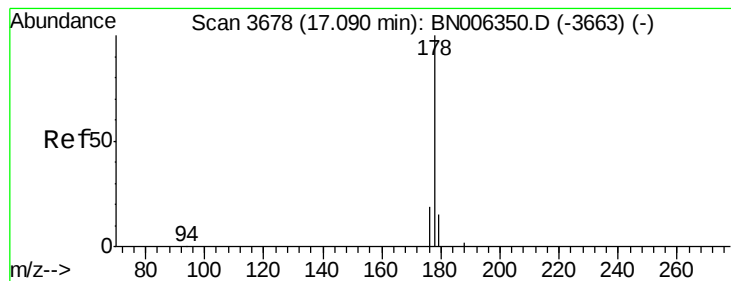
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#12

Phenanthrene

Concen: 0.046 ng/ul m

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006352.D

Acq: 17 Jun 2019 17:34

Instrument :

BNA_N

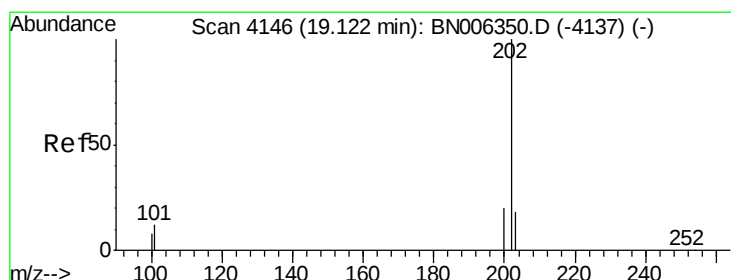
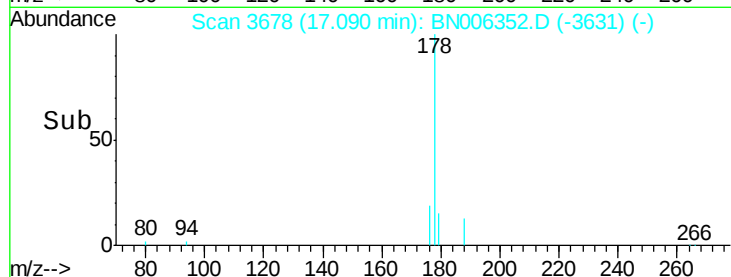
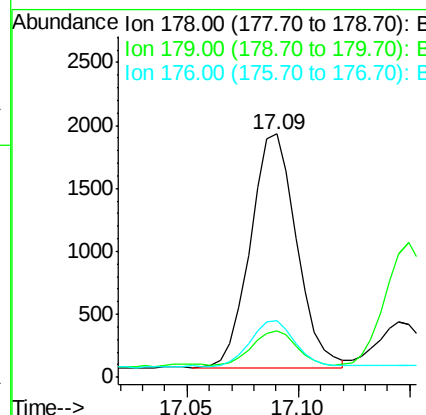
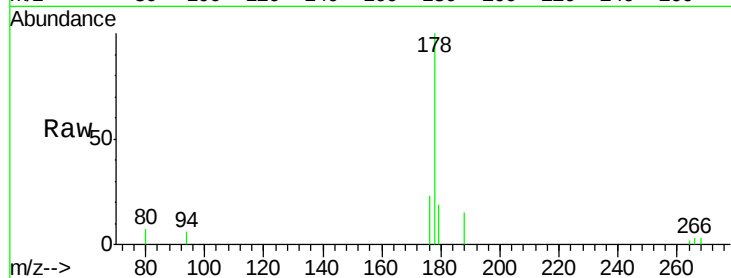
ClientSampleId :

A4221

Tot Ion:178	Resp:	2661
Ion Ratio	Lower	Upper
178	100	
179	18.9	12.3 18.5#
176	23.2	15.3 22.9#

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#15

Fluoranthene

Concen: 0.068 ng/ul m

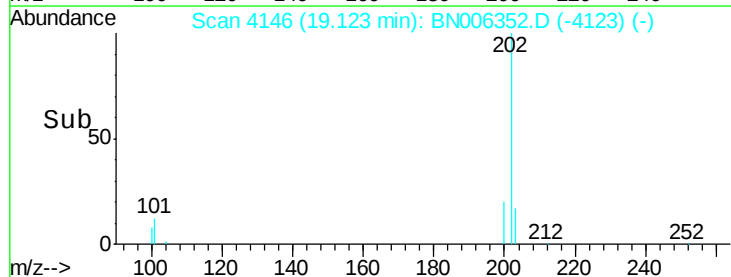
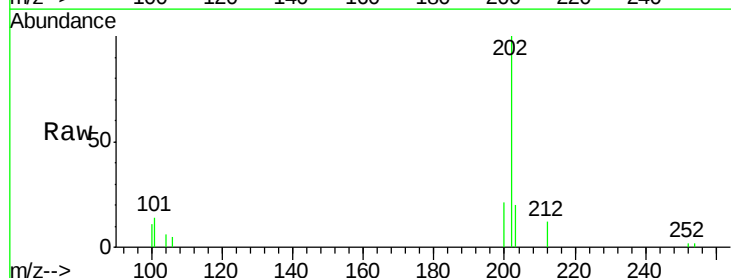
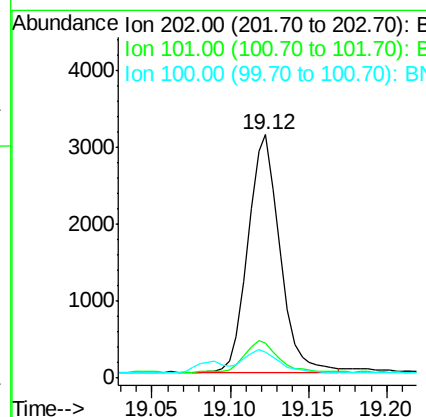
RT: 19.12 min Scan# 4146

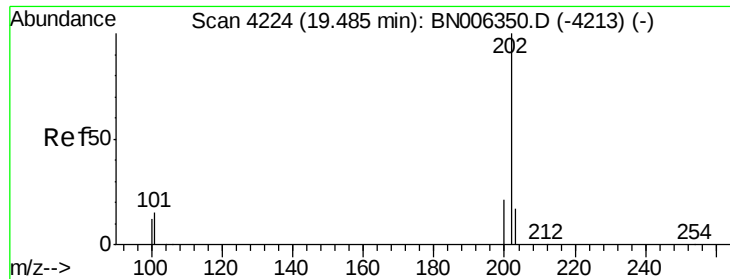
Delta R.T. 0.00 min

Lab File: BN006352.D

Acq: 17 Jun 2019 17:34

Tgt Ion:202	Resp:	4360
Ion Ratio	Lower	Upper
202	100	
101	14.2	0.0 32.1
100	10.7	0.0 28.7





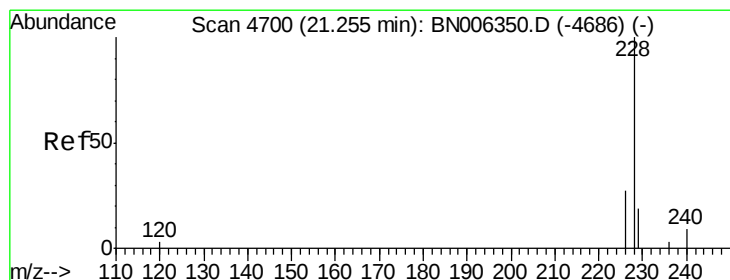
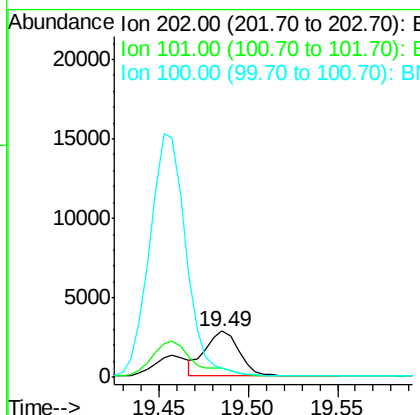
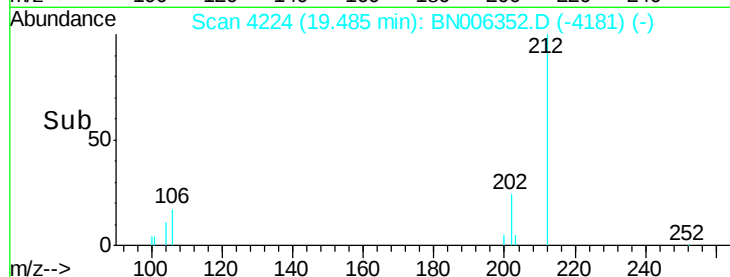
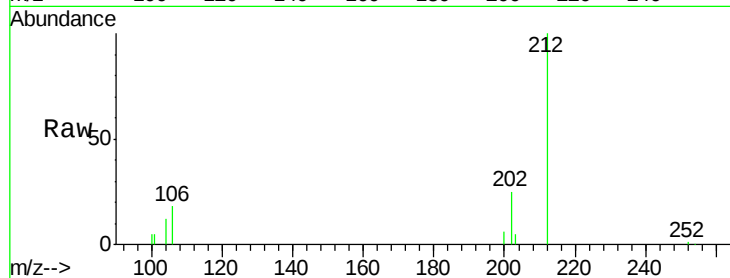
#17
Pvrene
Concen: 0.064 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006352.D
Acq: 17 Jun 2019 17:34

Instrument :
BNA_N
ClientSampleId :
A4221

Tot Ion	Ratio	Lower	Upper
202	100		
101	18.9	12.2	18.2#
100	19.7	9.8	14.6#

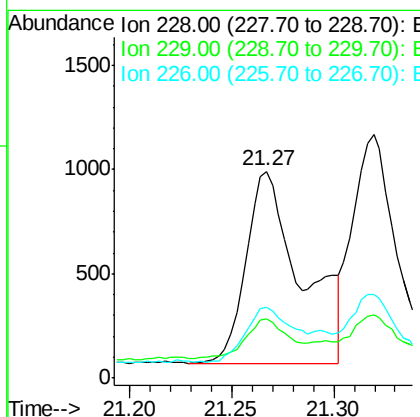
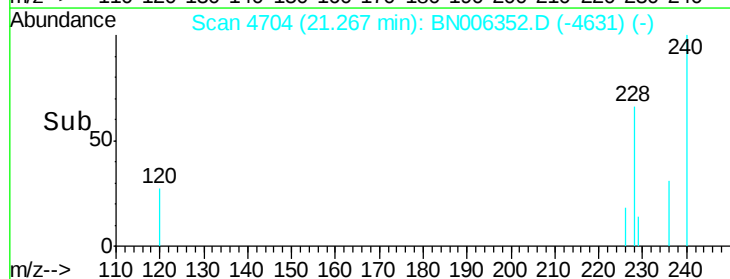
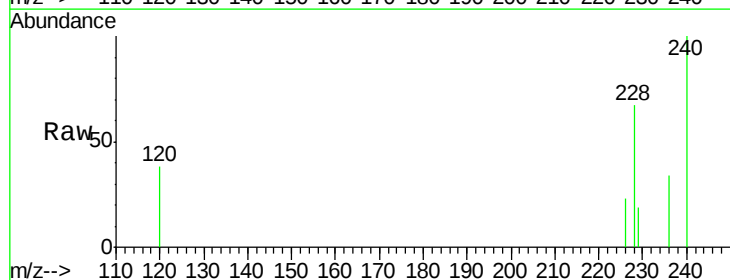
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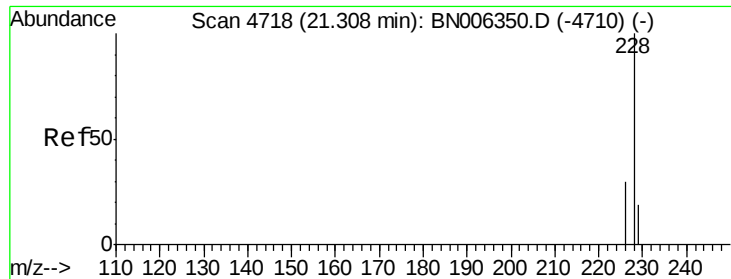
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#18
Benzo(a)anthracene
Concen: 0.035 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. 0.01 min
Lab File: BN006352.D
Acq: 17 Jun 2019 17:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.5	16.5	24.7#
226	34.4	22.8	34.2#





#19

Chrysene

Concen: 0.039 ng/ul

RT: 21.32 min Scan# 4722

Delta R.T. 0.01 min

Lab File: BN006352.D

Acq: 17 Jun 2019 17:34

Instrument :

BNA_N

ClientSampleId :

A4221

Tot Ion:228 Resp: 1795

Ion Ratio Lower Upper

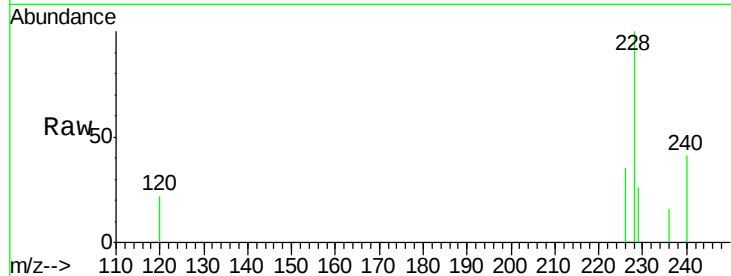
228 100

226 34.6 25.0 37.6

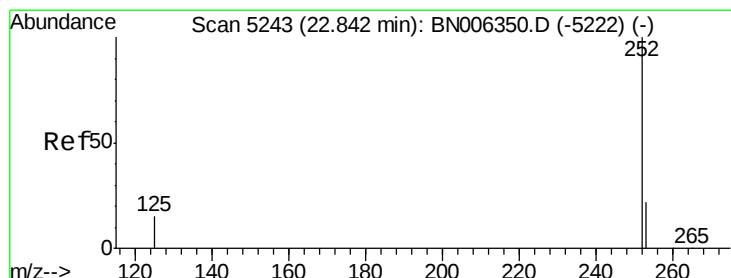
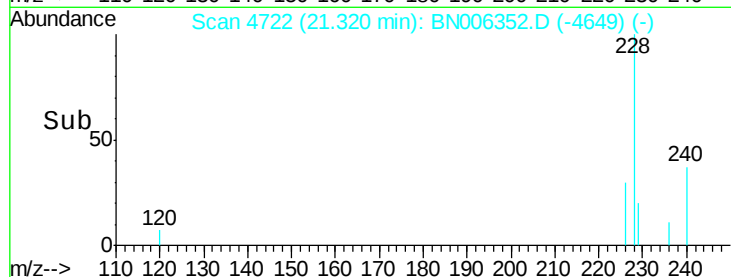
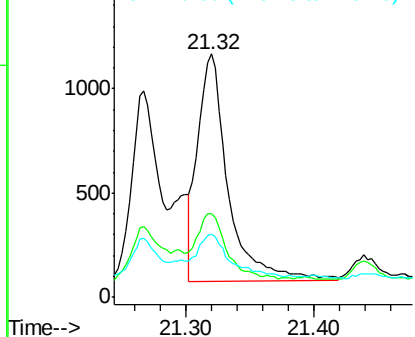
229 26.1 16.3 24.5#

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



#21

Benzo(b)fluoranthene

Concen: 0.069 ng/ul m

RT: 22.86 min Scan# 5250

Delta R.T. 0.03 min

Lab File: BN006352.D

Acq: 17 Jun 2019 17:34

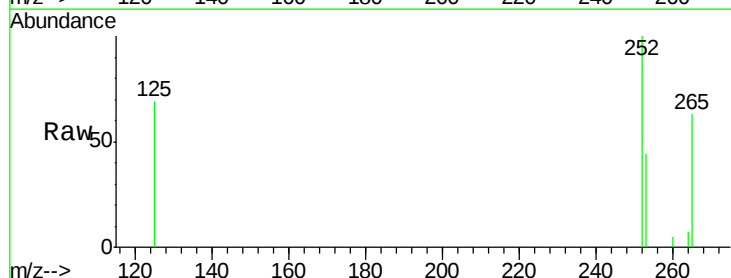
Tgt Ion:252 Resp: 2872

Ion Ratio Lower Upper

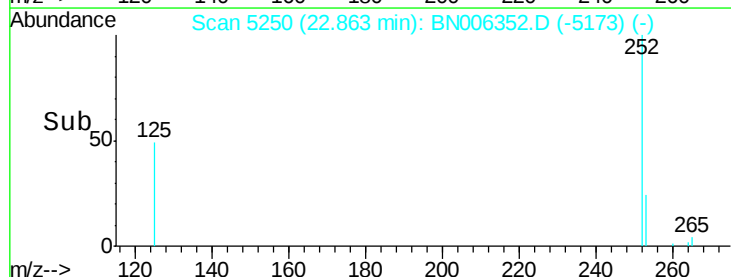
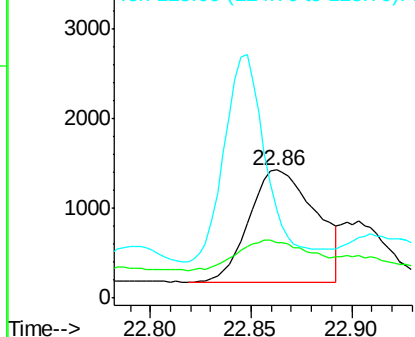
252 100

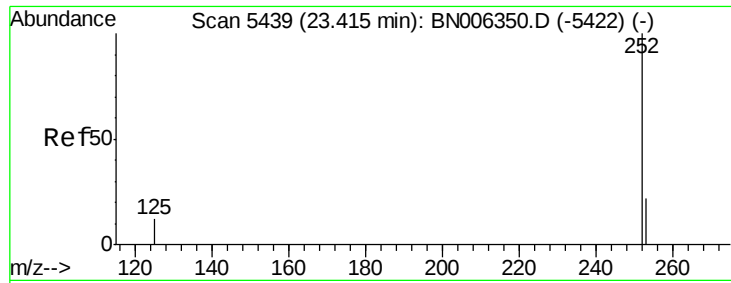
253 43.7 0.0 51.4

125 69.0 0.0 41.0#



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





#23

Benzo(a)pyrene

Concen: 0.045 ng/ul m

RT: 23.43 min Scan# 5444

Delta R.T. 0.02 min

Lab File: BN006352.D

Acq: 17 Jun 2019 17:34

Instrument :

BNA_N

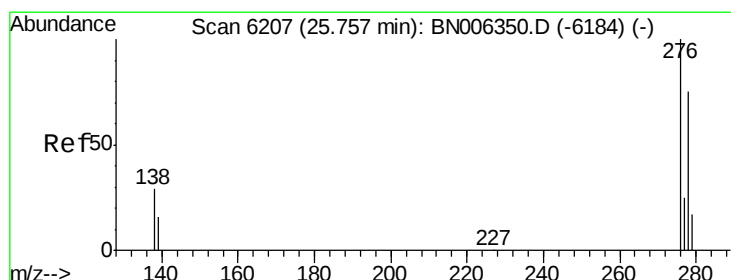
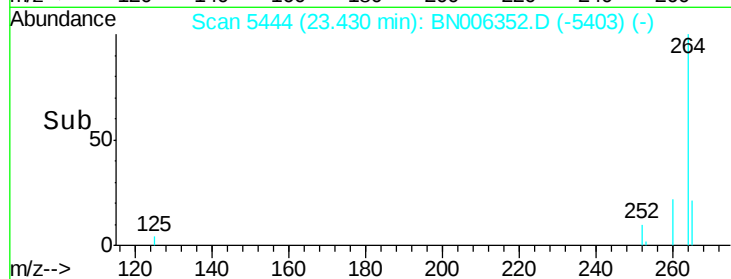
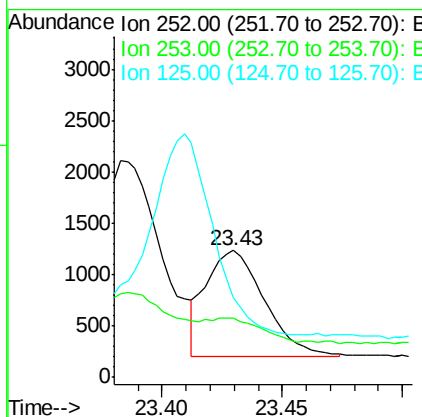
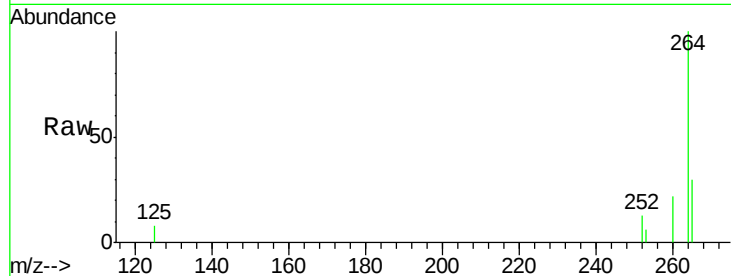
ClientSampleId :

A4221

Tot Ion:	252	Resp:	1755
Ion Ratio	Lower	Upper	
252	100		
253	47.1	21.1	31.7#
125	63.4	20.3	30.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.033 ng/ul m

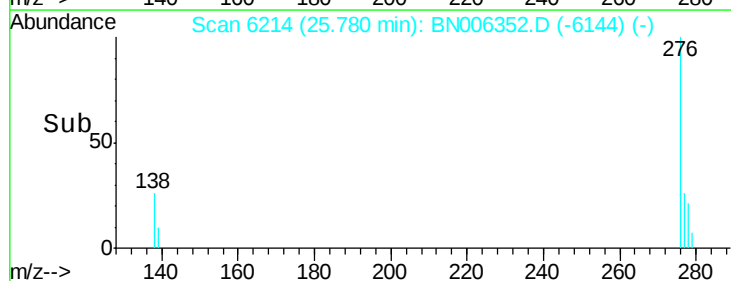
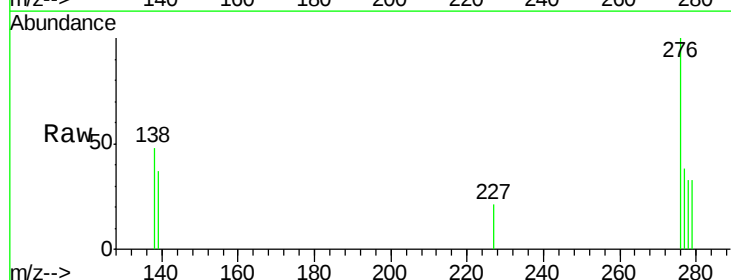
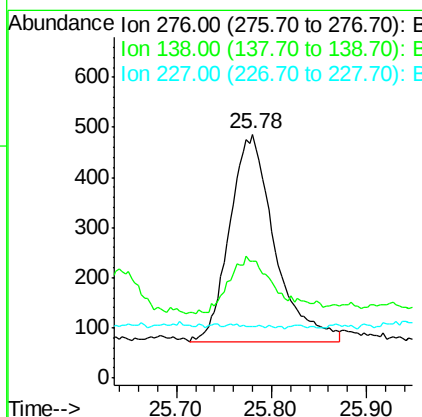
RT: 25.78 min Scan# 6214

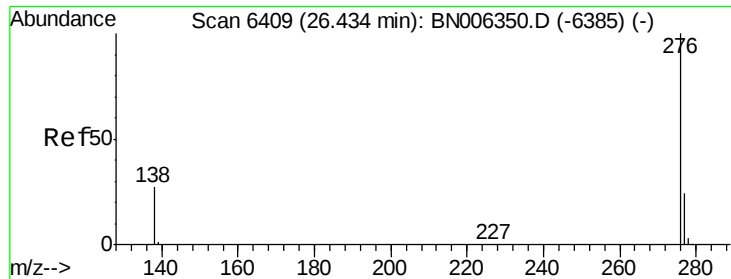
Delta R.T. 0.04 min

Lab File: BN006352.D

Acq: 17 Jun 2019 17:34

Tgt Ion:	276	Resp:	1366
Ion Ratio	Lower	Upper	
276	100		
138	2.1	25.6	38.4#
227	0.4	0.3	0.5





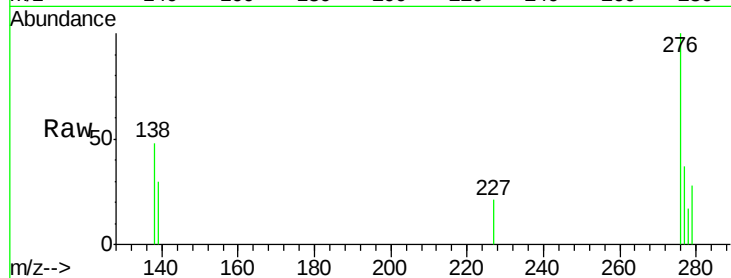
#26
 Benzo(a,h,i)perylene
 Concen: 0.038 ng/ul m
 RT: 26.46 min Scan# 6417
 Delta R.T. 0.03 min
 Lab File: BN006352.D
 Acq: 17 Jun 2019 17:34

Instrument :
 BNA_N
 ClientSampleId :
 A4221

Tot Ion	Ratio	Lower	Upper
276	100		
138	47.9	24.2	36.4#
277	37.3	21.5	32.3#

Manual Integrations
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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

