

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006223.D
 Acq On : 10 Jun 2019 15:24
 Operator : JU/SJ
 Sample : K3016-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C8

Manual Integrations
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mohammad
 6/11/2019 4:28:03 PM

Quant Time: Jun 11 01:02:12 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4819	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18161	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9401	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19036m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	14911m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	13724m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5827	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	14667m	0.29	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	2616m	0.043	ng/ul	
15) Fluoranthene	19.12	202	6466m	0.096	ng/ul	
17) Pyrene	19.49	202	6284m	0.080	ng/ul	
18) Benzo(a)anthracene	21.25	228	2294	0.035	ng/ul#	86
19) Chrysene	21.30	228	3670	0.059	ng/ul#	92
21) Benzo(b)fluoranthene	22.83	252	4593m	0.080	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	2367m	0.042	ng/ul	
23) Benzo(a)pyrene	23.40	252	2928m	0.055	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	2190m	0.038	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	2256m	0.047	ng/ul	

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

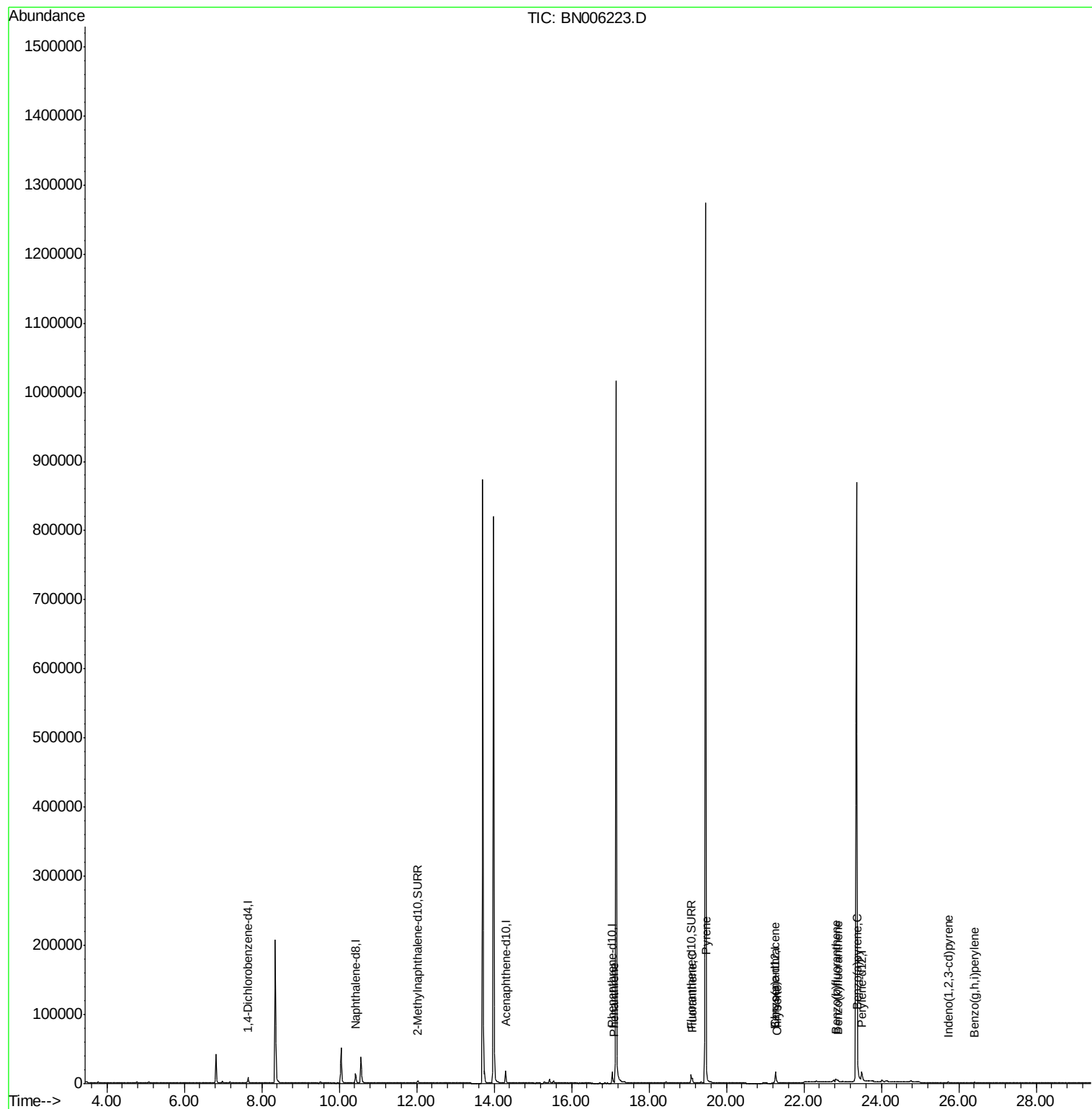
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

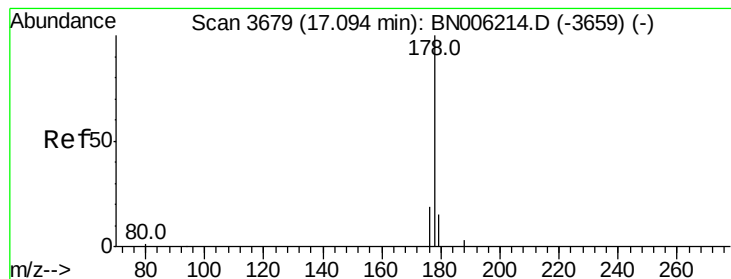
Instrument :
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QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.043 ng/ul m

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006223.D

Acq: 10 Jun 2019 15:24

Instrument :

BNA_N

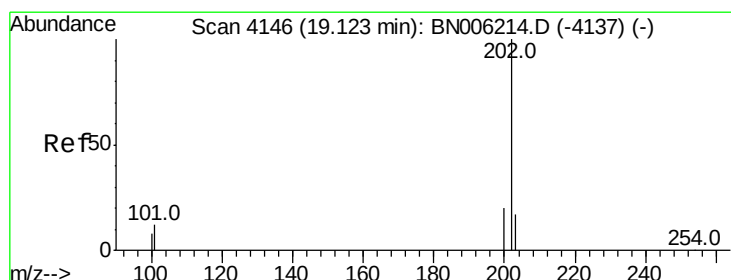
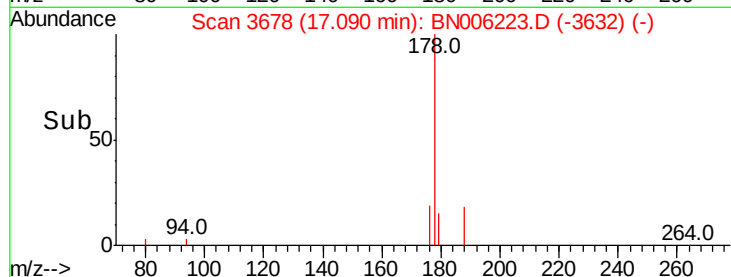
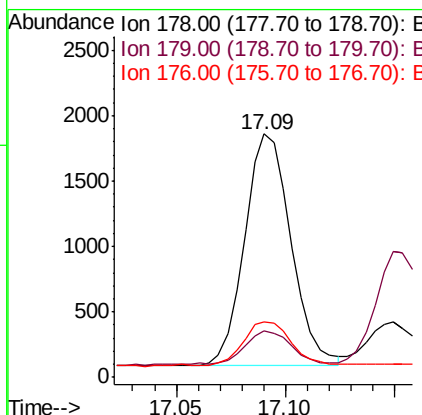
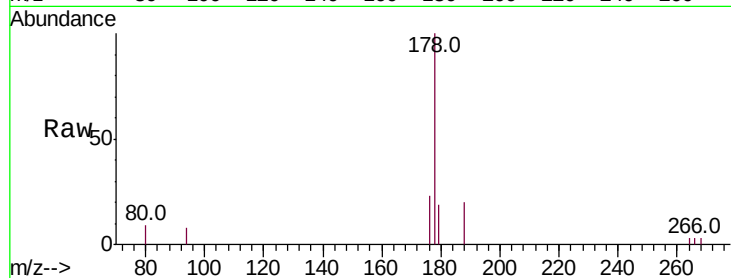
ClientSampleId :

A51C8

Tot Ion:	178	Resp:	2616
Ion Ratio	Lower	Upper	
178	100		
179	19.2	12.3	18.5#
176	22.9	15.3	22.9#

Manual Integrations
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#15

Fluoranthene

Concen: 0.096 ng/ul m

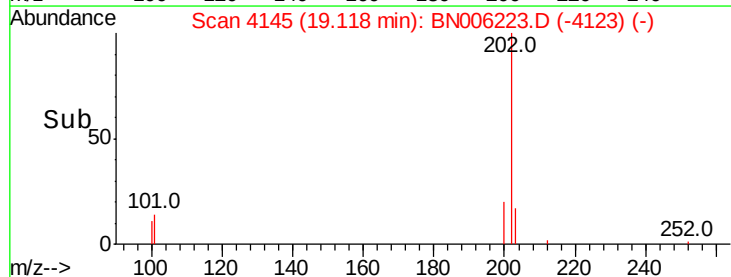
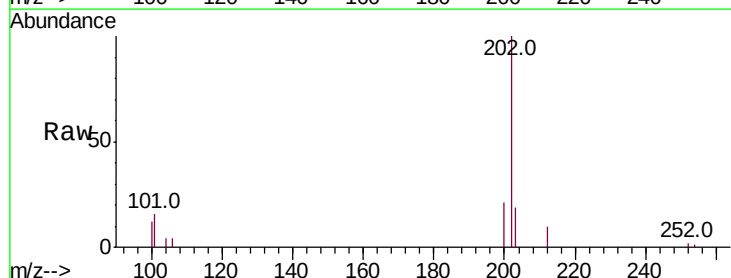
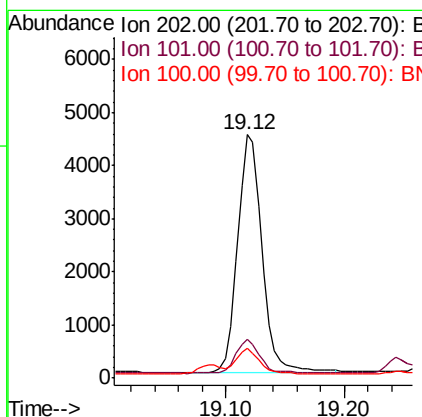
RT: 19.12 min Scan# 4145

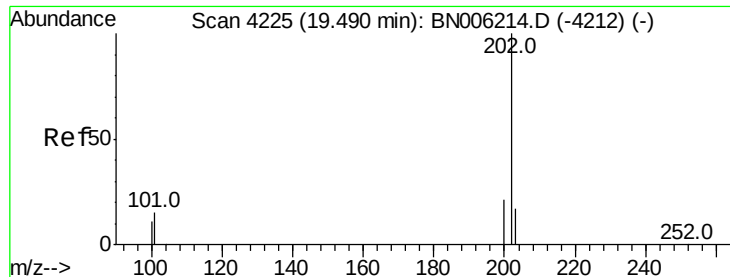
Delta R.T. 0.00 min

Lab File: BN006223.D

Acq: 10 Jun 2019 15:24

Tgt Ion:	202	Resp:	6466
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	32.1
100	12.4	0.0	28.7





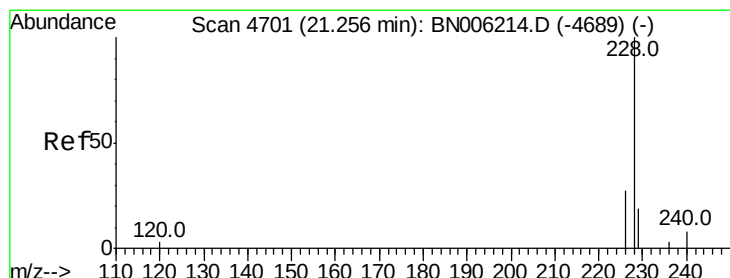
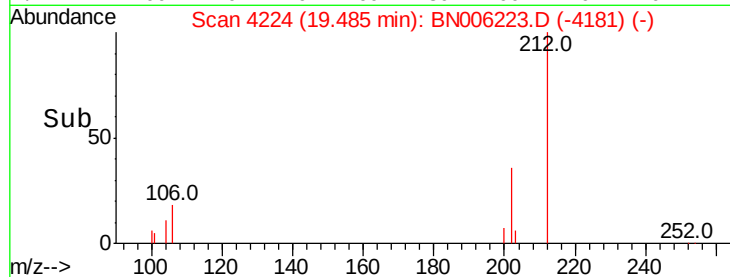
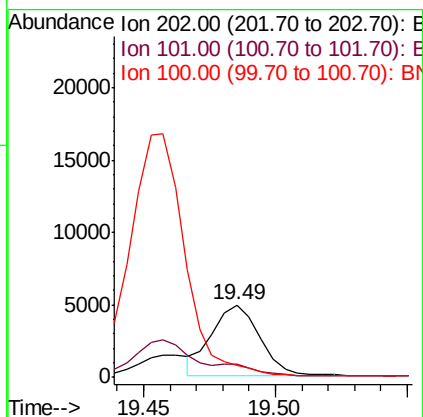
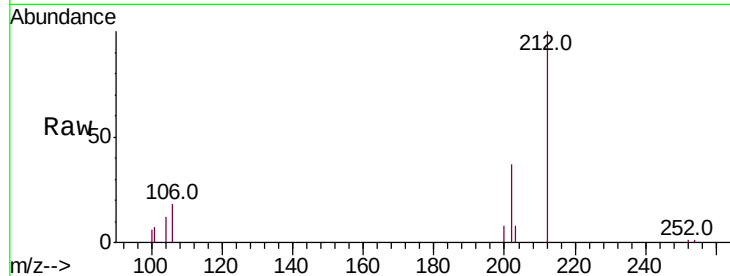
#17
Pvrene
Concen: 0.080 ng/ul m
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006223.D
Acq: 10 Jun 2019 15:24

Instrument :
BNA_N
ClientSampleId :
A51C8

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.5	12.2	18.2
100	16.9	9.8	14.6

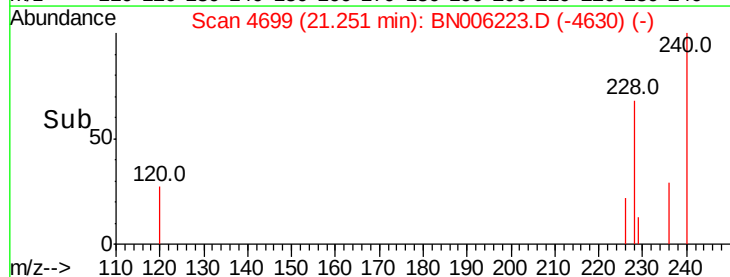
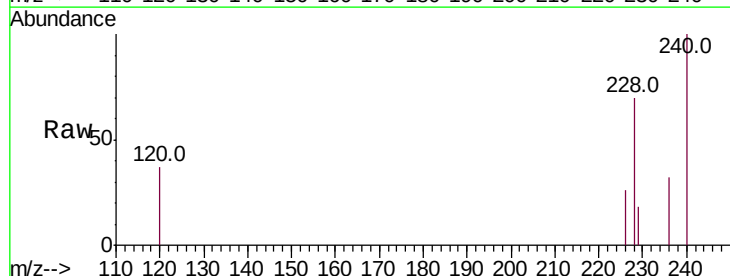
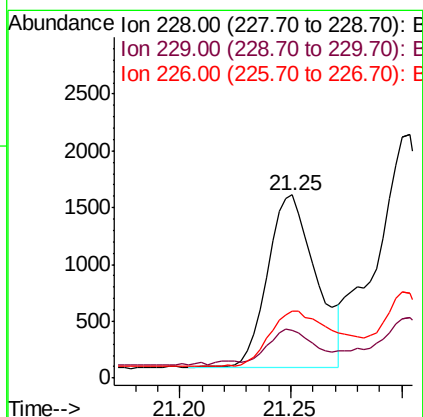
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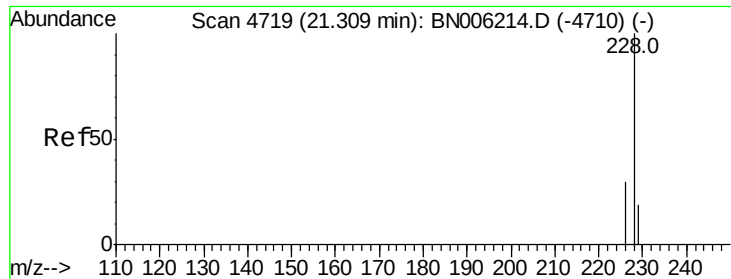
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#18
Benzo(a)anthracene
Concen: 0.035 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006223.D
Acq: 10 Jun 2019 15:24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.8	16.5	24.7
226	36.8	22.8	34.2





#19

Chrysene

Concen: 0.059 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. 0.00 min

Lab File: BN006223.D

Acq: 10 Jun 2019 15:24

Instrument :

BNA_N

ClientSampleId :

A51C8

Tot Ion:228 Resp: 3670

Ion Ratio Lower Upper

228 100

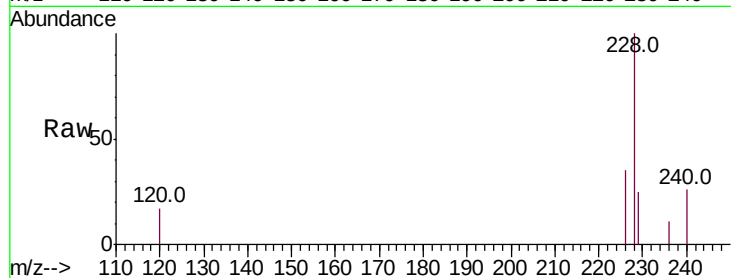
226 35.0 25.0 37.6

229 25.0 16.3 24.5#

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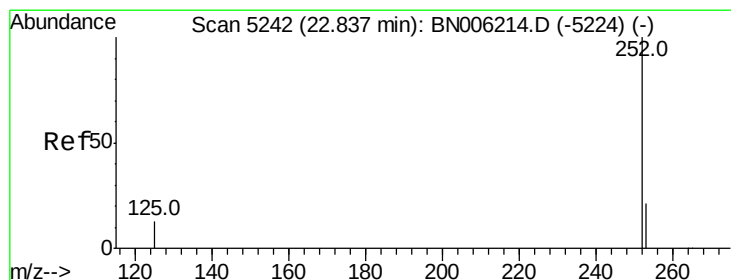
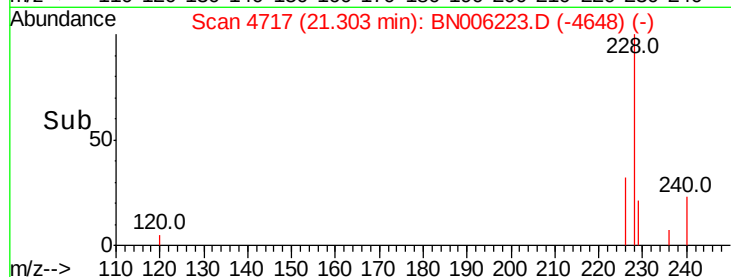
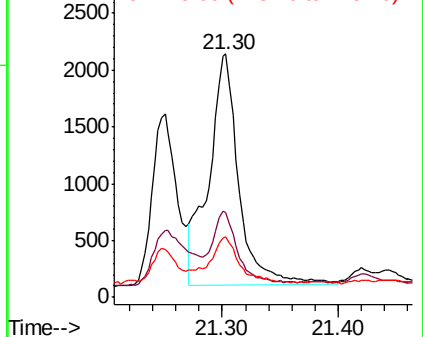
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.080 ng/ul m

RT: 22.83 min Scan# 5241

Delta R.T. 0.01 min

Lab File: BN006223.D

Acq: 10 Jun 2019 15:24

Tgt Ion:252 Resp: 4593

Ion Ratio Lower Upper

252 100

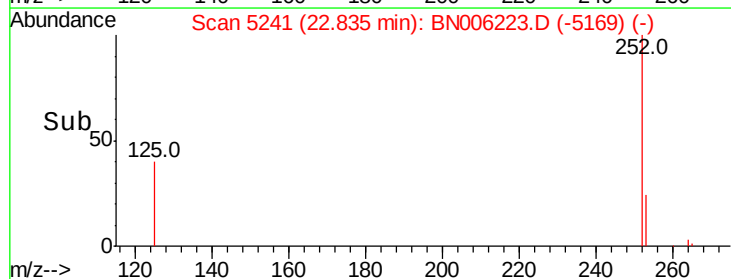
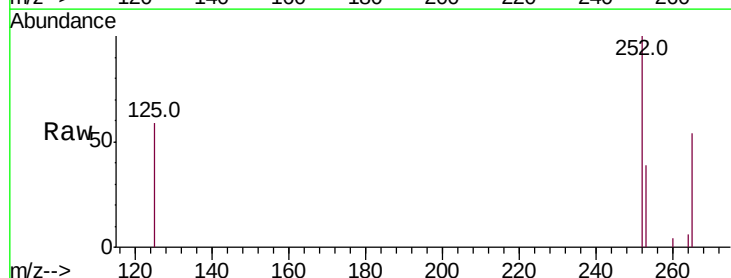
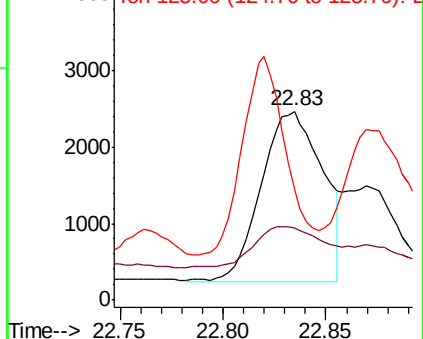
253 38.5 0.0 51.4

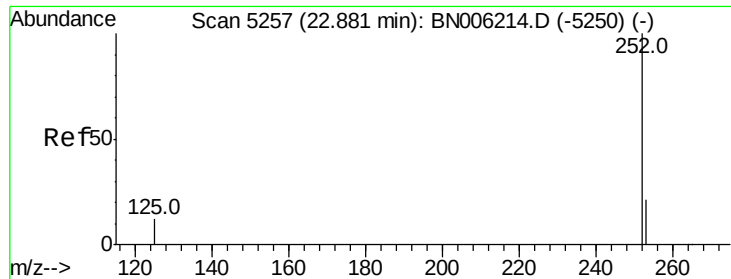
125 58.8 0.0 41.0#

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





#22

Benzo(k)fluoranthene

Concen: 0.042 ng/ul m

RT: 22.87 min Scan# 5253

Delta R.T. 0.00 min

Lab File: BN006223.D

Acq: 10 Jun 2019 15:24

Instrument :

BNA_N

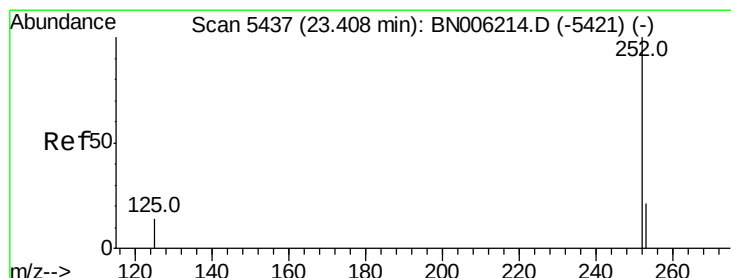
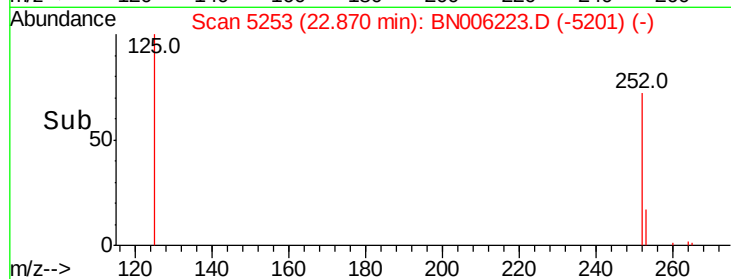
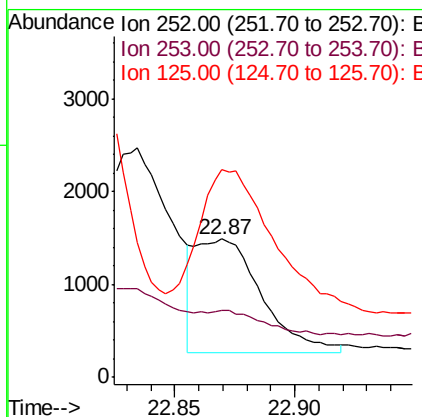
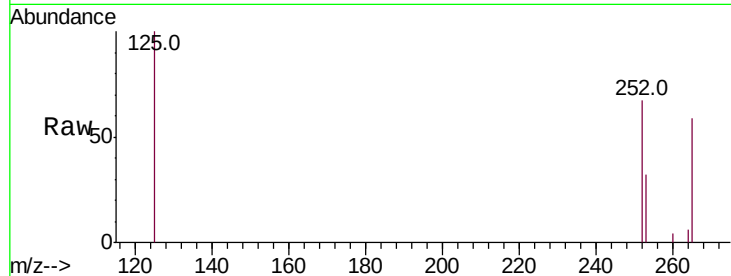
ClientSampleId :

A51C8

Tot Ion:	252	Resp:	2367
Ion Ratio	Lower	Upper	
252	100		
253	48.2	20.3	30.5#
125	150.2	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 0.055 ng/ul m

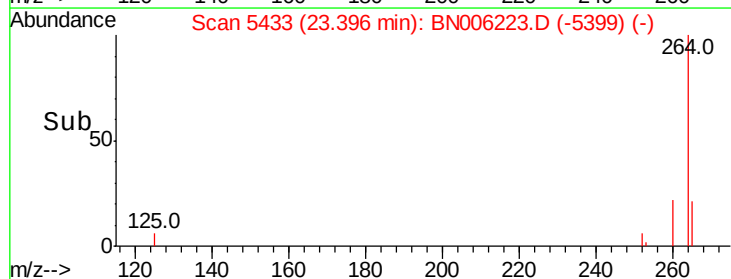
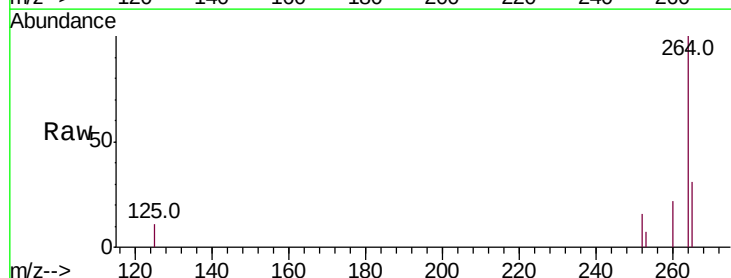
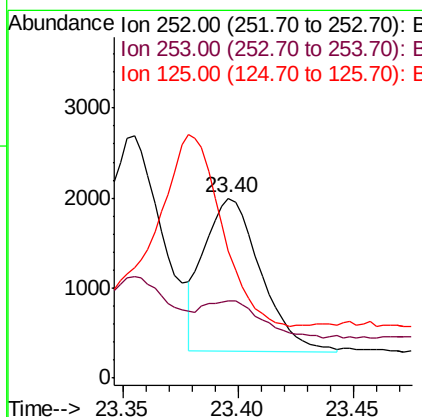
RT: 23.40 min Scan# 5433

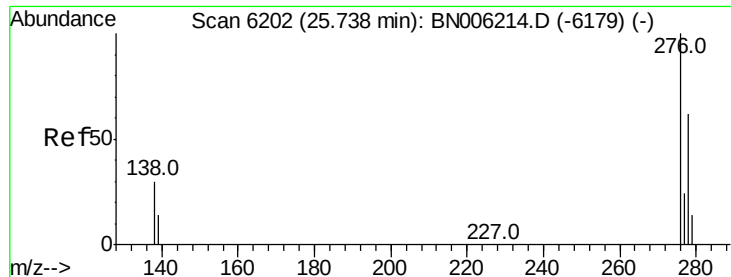
Delta R.T. 0.00 min

Lab File: BN006223.D

Acq: 10 Jun 2019 15:24

Tgt Ion:	252	Resp:	2928
Ion Ratio	Lower	Upper	
252	100		
253	43.1	21.1	31.7#
125	70.6	20.3	30.5#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng/ul m

RT: 25.73 min Scan# 6199

Delta R.T. 0.00 min

Lab File: BN006223.D

Acq: 10 Jun 2019 15:24

Instrument :

BNA_N

ClientSampled :

A51C8

Tot Ion:276 Resp: 2190

Ion Ratio Lower Upper

276 100

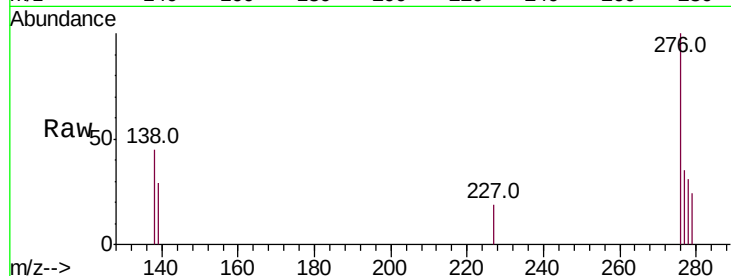
138 2.0 25.6 38.4#

227 0.2 0.3 0.5#

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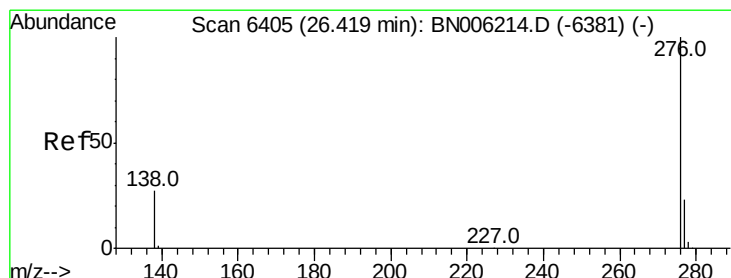
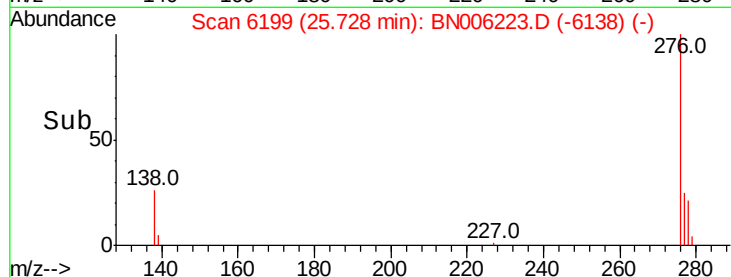
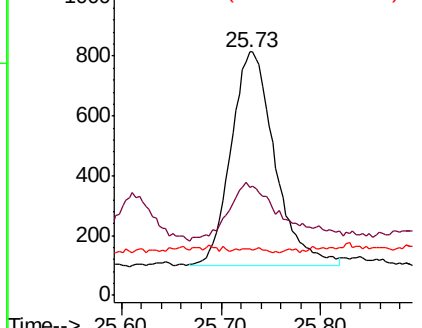
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.047 ng/ul m

RT: 26.41 min Scan# 6403

Delta R.T. 0.01 min

Lab File: BN006223.D

Acq: 10 Jun 2019 15:24

Tgt Ion:276 Resp: 2256

Ion Ratio Lower Upper

276 100

138 46.7 24.2 36.4#

277 33.4 21.5 32.3#

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

