

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051719\
 Data File : BN005727.D
 Acq On : 17 May 2019 13:12
 Operator : JU/SJ
 Sample : K2690-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5157

Manual Integrations
 APPROVED

mohammad
 5/21/2019 2:17:41 PM

Quant Time: May 17 14:47:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 17 14:33:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1282	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	5322	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.23	164	3639	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	8793m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	6262m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6657	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2486	0.30	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	7199m	0.26	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.03	142	736	0.077	ng/ul	94
12) Phenanthrene	17.03	178	5976	0.249	ng/ul	95
15) Fluoranthene	19.07	202	2603m	0.078	ng/ul	
17) Pyrene	19.43	202	4582m	0.198	ng/ul	
18) Benzo(a)anthracene	21.21	228	1691m	0.078	ng/ul	
19) Chrysene	21.26	228	3942m	0.149	ng/ul	
23) Benzo(a)pyrene	23.35	252	2583	0.115	ng/ul#	1
26) Benzo(g,h,i)perylene	26.35	276	5979	0.280	ng/ul#	31

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

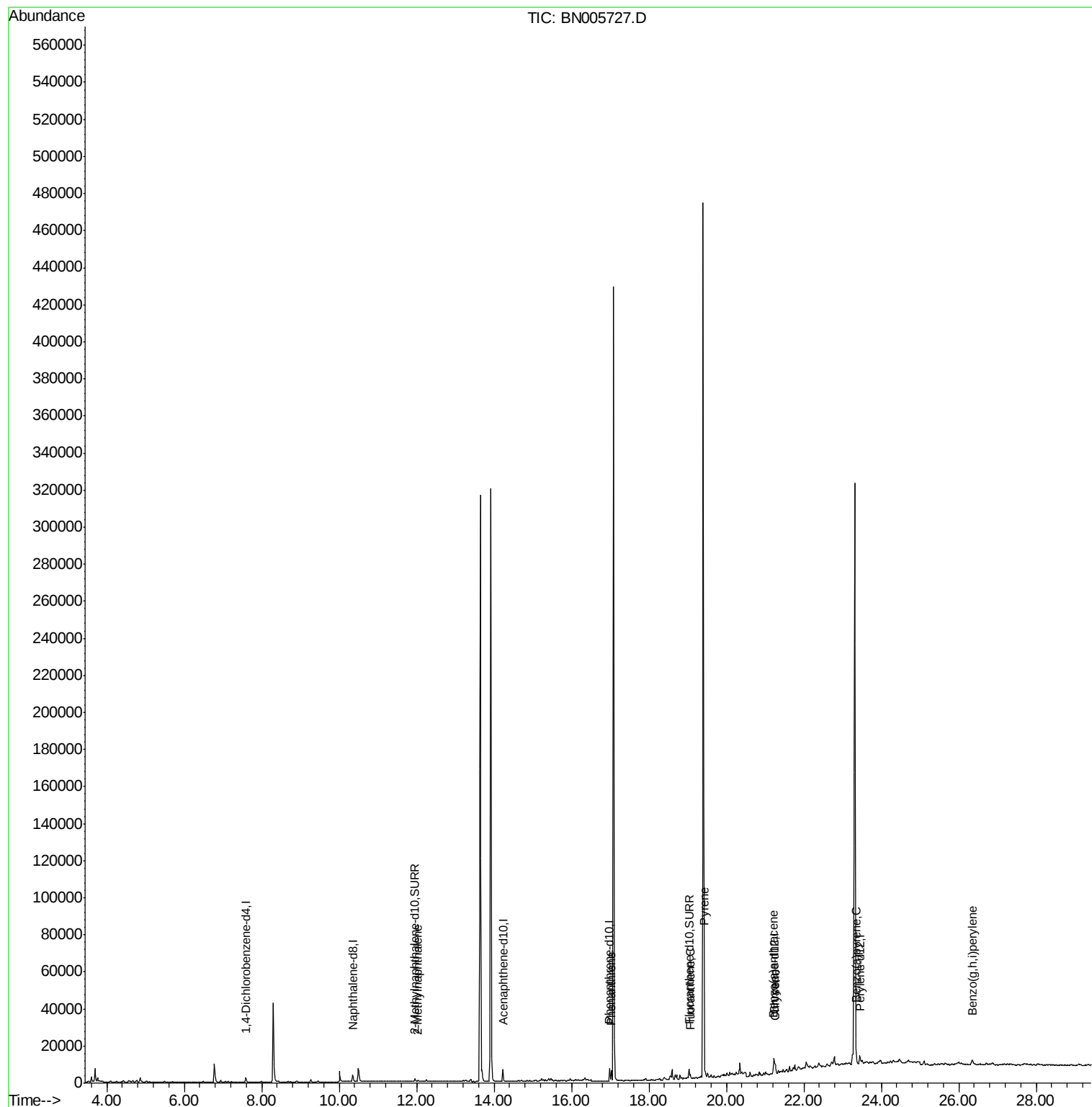
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051719\
Data File : BN005727.D
Acq On : 17 May 2019 13:12
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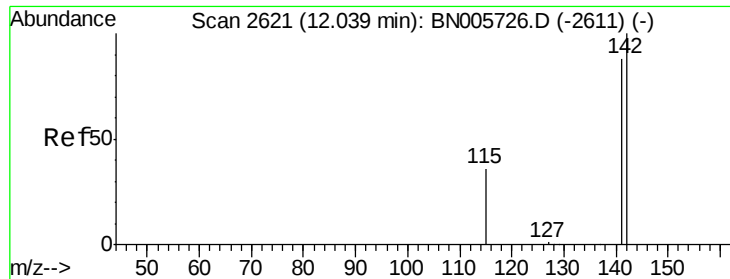
Instrument :
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Quant Time: May 17 14:47:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 17 14:33:18 2019
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.077 ng/ul

RT: 12.03 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BN005727.D

Acq: 17 May 2019 13:12

Instrument :

BNA_N

ClientSampleId :

A5157

Tot Ion:142 Resp: 736

Ion Ratio Lower Upper

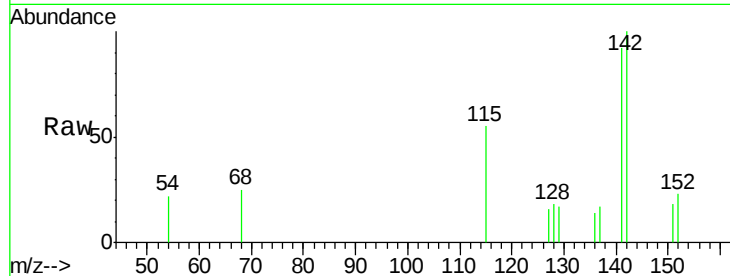
142 100

141 84.9 72.2 108.2

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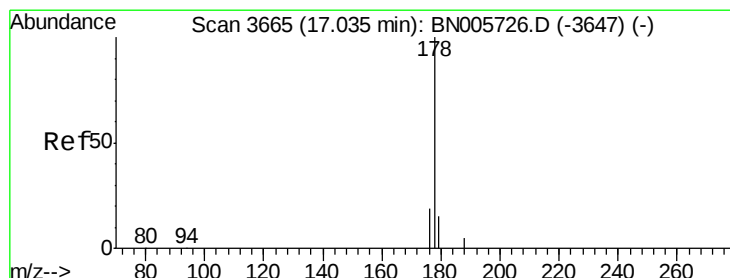
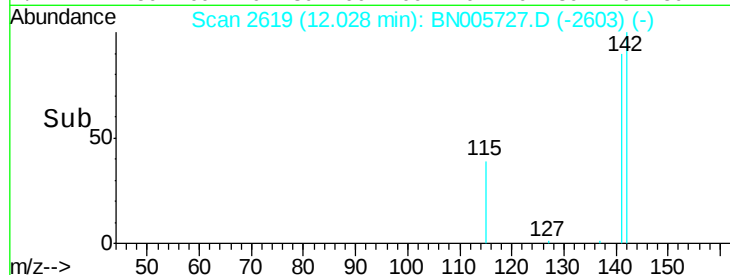
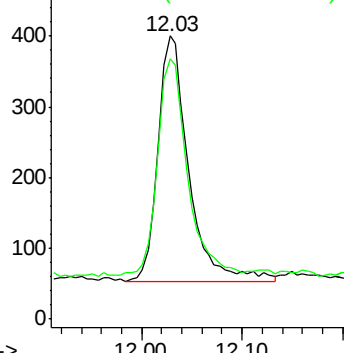
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#12

Phenanthrene

Concen: 0.249 ng/ul

RT: 17.03 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BN005727.D

Acq: 17 May 2019 13:12

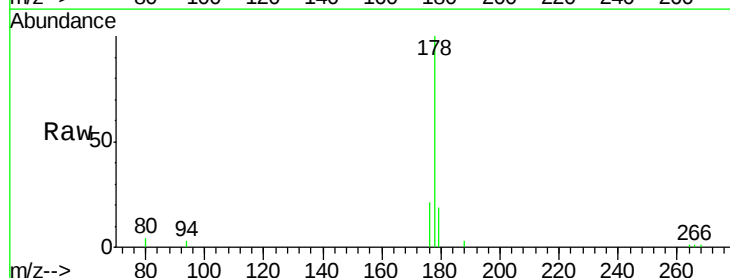
Tgt Ion:178 Resp: 5976

Ion Ratio Lower Upper

178 100

179 19.0 12.8 19.2

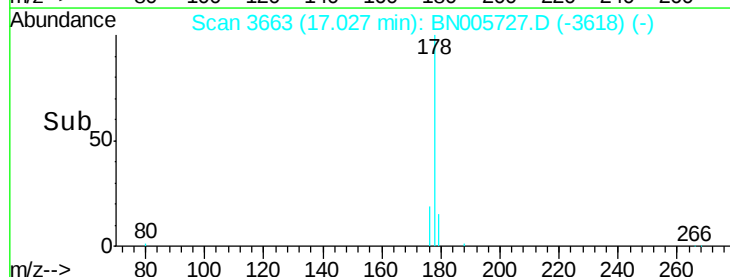
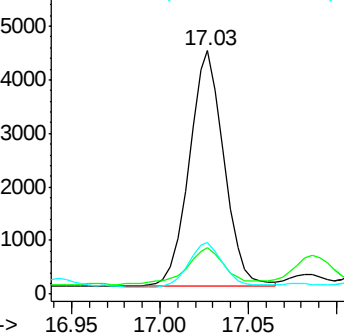
176 21.0 15.3 22.9

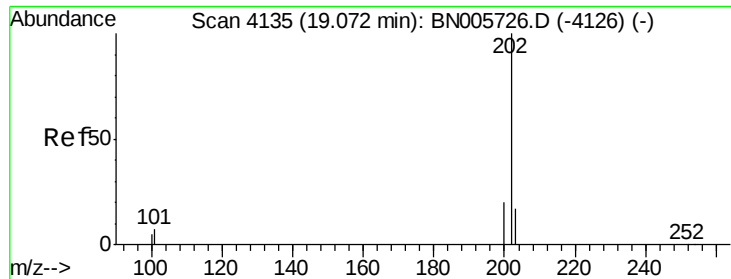


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.078 ng/ul m

RT: 19.07 min Scan# 4134

Delta R.T. -0.00 min

Lab File: BN005727.D

Acq: 17 May 2019 13:12

Instrument :

BNA_N

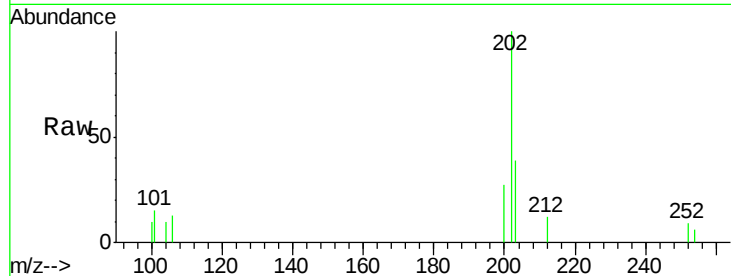
ClientSampled :

A5157

Tot Ion:	202	Resp:	2603
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	29.4
100	10.2	0.0	27.1

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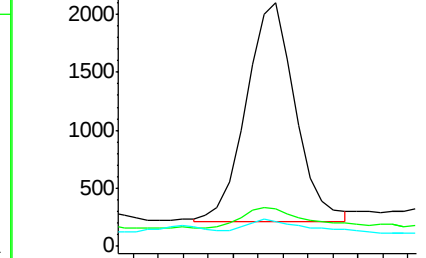
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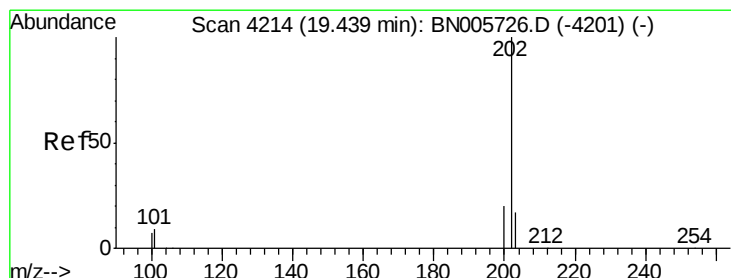
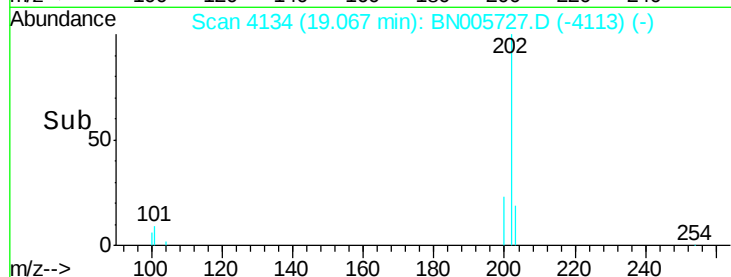
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#17

Pyrene

Concen: 0.198 ng/ul m

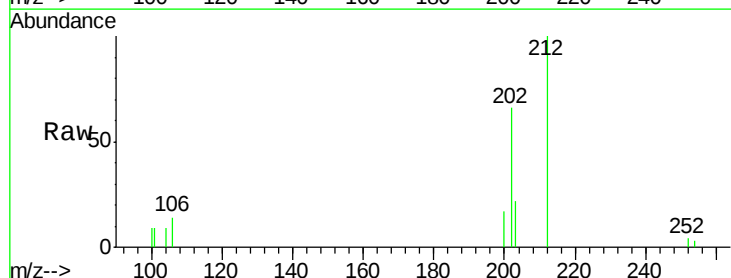
RT: 19.43 min Scan# 4212

Delta R.T. -0.01 min

Lab File: BN005727.D

Acq: 17 May 2019 13:12

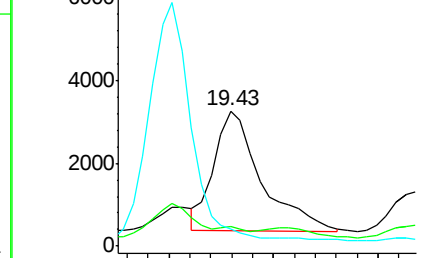
Tgt Ion:	202	Resp:	4582
Ion Ratio	Lower	Upper	
202	100		
101	14.1	8.5	12.7#
100	12.9	6.9	10.3#



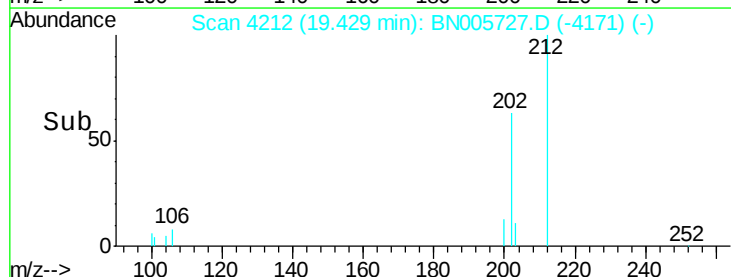
Abundance Ion 202.00 (201.70 to 202.70): E

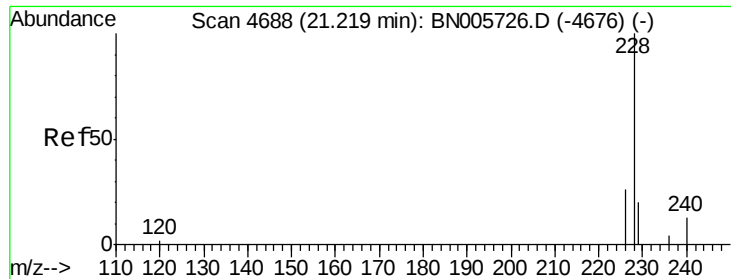
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





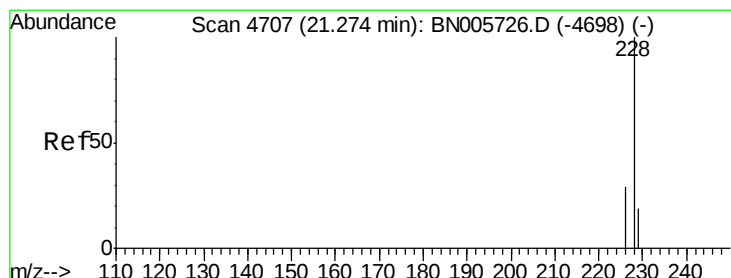
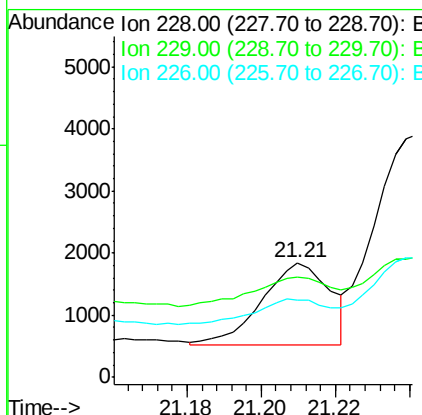
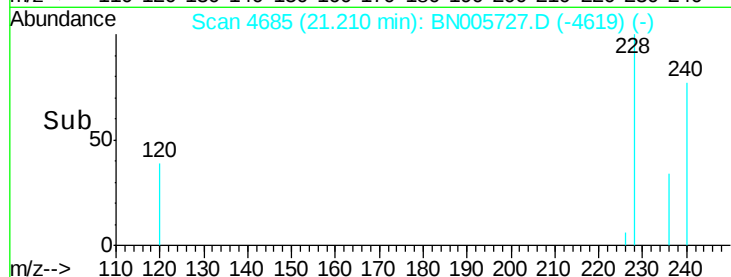
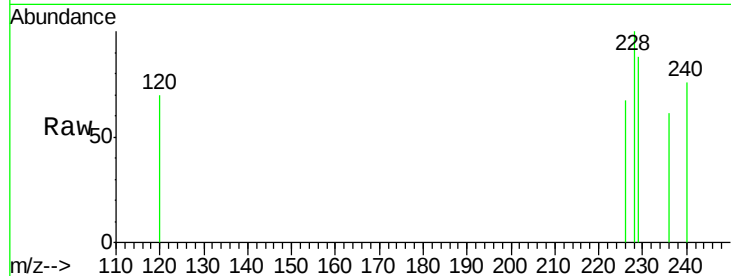
#18
Benzo(a)anthracene
Concen: 0.078 ng/ul m
RT: 21.21 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN005727.D
Acq: 17 May 2019 13:12

Instrument :
BNA_N
ClientSampled :
A5157

Tot Ion	Ratio	Lower	Upper
228	100		
229	87.8	15.8	23.8#
226	67.5	21.7	32.5#

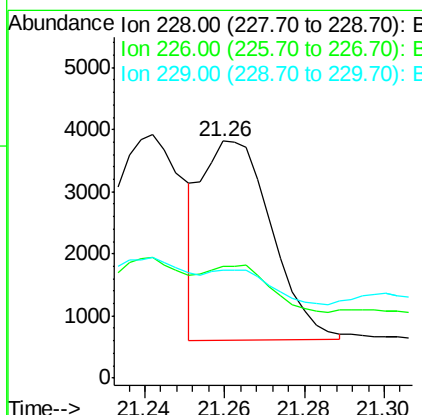
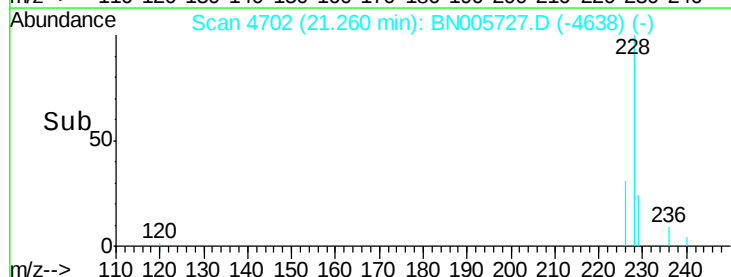
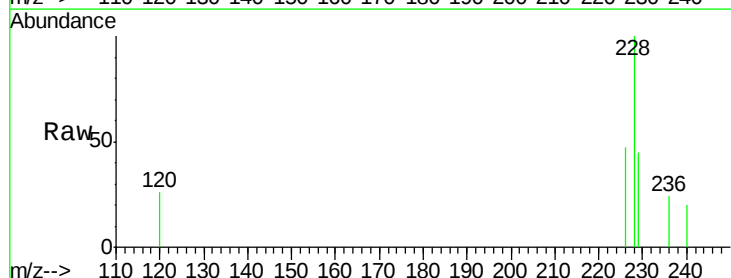
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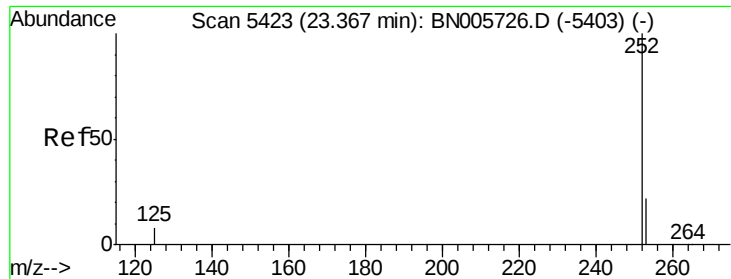
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#19
Chrysene
Concen: 0.149 ng/ul m
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN005727.D
Acq: 17 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	47.3	23.2	34.8#
229	45.4	16.0	24.0#





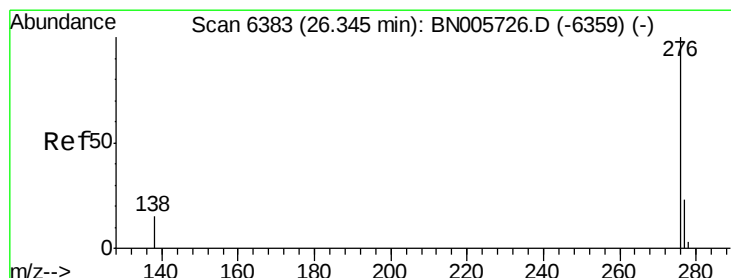
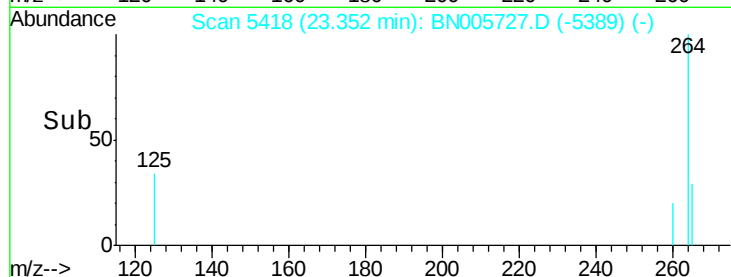
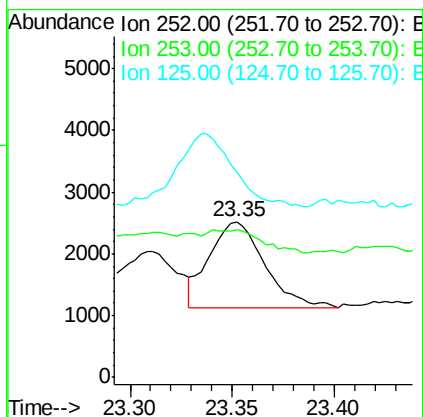
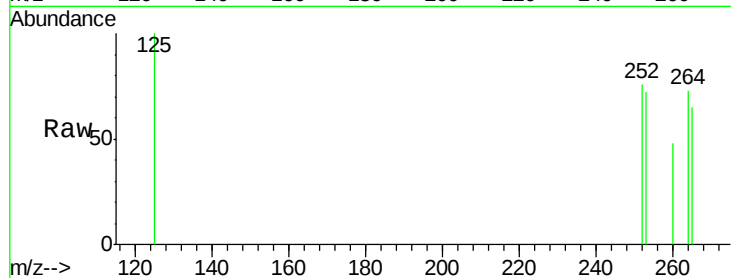
#23
Benzo(a)pyrene
Concen: 0.115 ng/ul
RT: 23.35 min Scan# 5418
Delta R.T. -0.01 min
Lab File: BN005727.D
Acq: 17 May 2019 13:12

Instrument :
BNA_N
ClientSampleId :
A5157

Tot Ion	Ratio	Lower	Upper
252	100		
253	94.8	19.6	29.4#
125	132.4	10.1	15.1#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.280 ng/ul
RT: 26.35 min Scan# 6384
Delta R.T. 0.00 min
Lab File: BN005727.D
Acq: 17 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.9	15.6	23.4#
277	64.8	20.6	31.0#

