

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051719\
 Data File : BN005734.D
 Acq On : 17 May 2019 17:49
 Operator : JU/SJ
 Sample : K2788-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5196

Manual Integrations
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Quant Time: May 17 18:40:41 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	1519	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	6138	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.23	164	3752	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	8054m	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	5274m	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	5119m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1845	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4326m	0.17	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.03	142	656	0.059	ng/ul	100
12) Phenanthrene	17.03	178	1766m	0.080	ng/ul	
15) Fluoranthene	19.07	202	1986m	0.065	ng/ul	
17) Pyrene	19.43	202	2323m	0.119	ng/ul	
18) Benzo(a)anthracene	21.22	228	1089m	0.060	ng/ul	
19) Chrysene	21.27	228	1596m	0.071	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	2607m	0.169	ng/ul	
23) Benzo(a)pyrene	23.37	252	1588	0.092	ng/ul#	1
26) Benzo(g,h,i)perylene	26.36	276	2558	0.156	ng/ul#	29

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

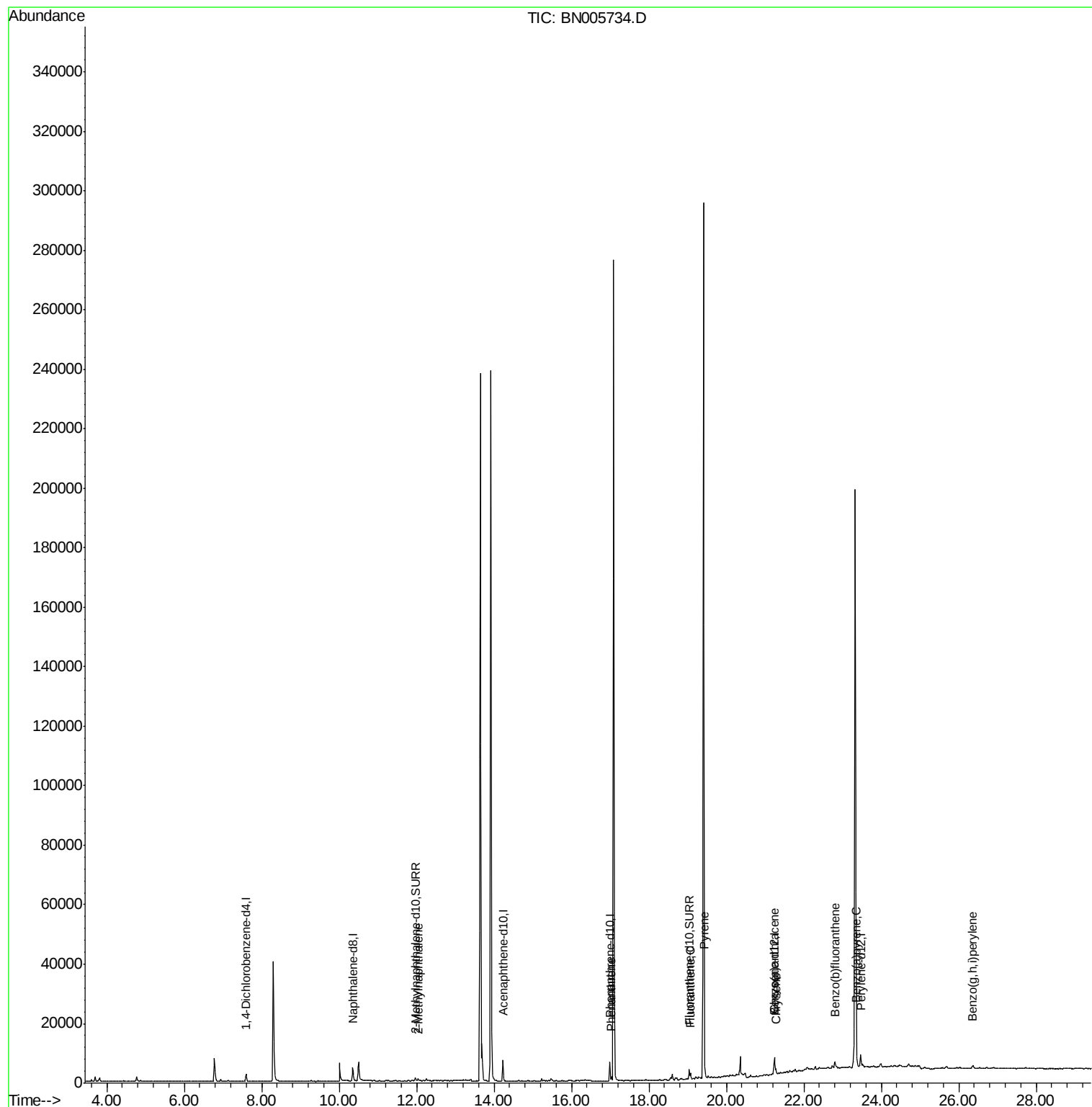
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051719\
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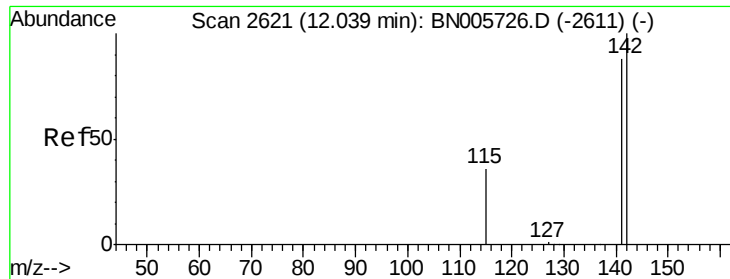
Instrument :
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Quant Time: May 17 18:40:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5

2-Methylnaphthalene

Concen: 0.059 ng/ul

RT: 12.03 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BN005734.D

Acq: 17 May 2019 17:49

Instrument :

BNA_N

ClientSampleId :

A5196

Tot Ion:142 Resp: 656

Ion Ratio Lower Upper

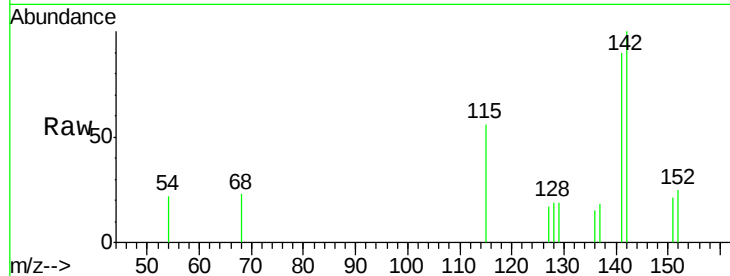
142 100

141 89.9 72.2 108.2

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.03

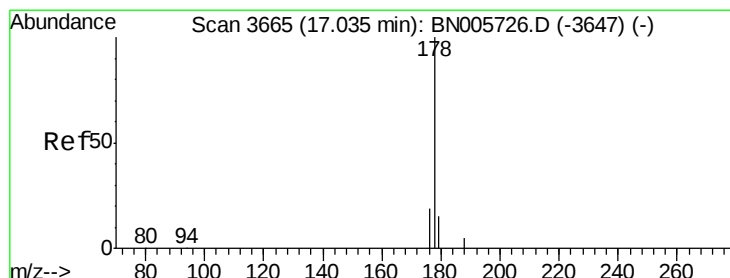
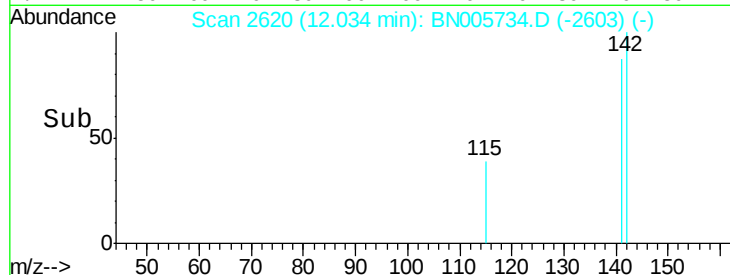
300

200

100

0

Time-->



#12

Phenanthrene

Concen: 0.080 ng/ul m

RT: 17.03 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BN005734.D

Acq: 17 May 2019 17:49

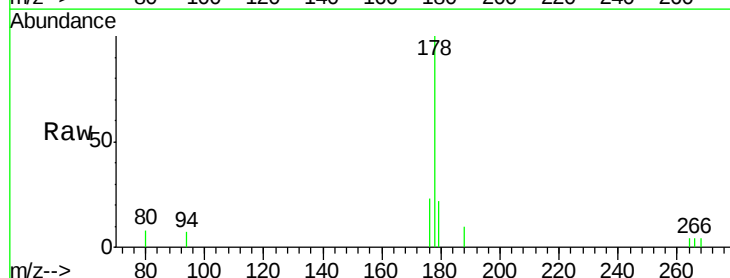
Tgt Ion:178 Resp: 1766

Ion Ratio Lower Upper

178 100

179 22.2 12.8 19.2#

176 23.4 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

17.03

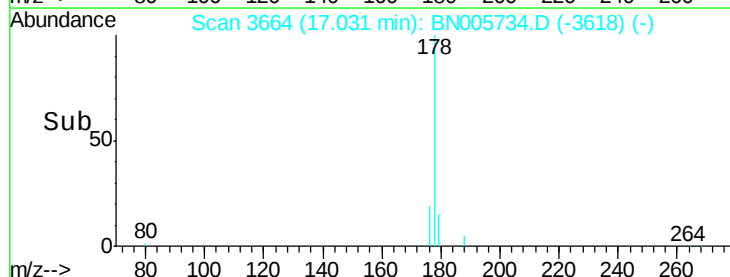
1500

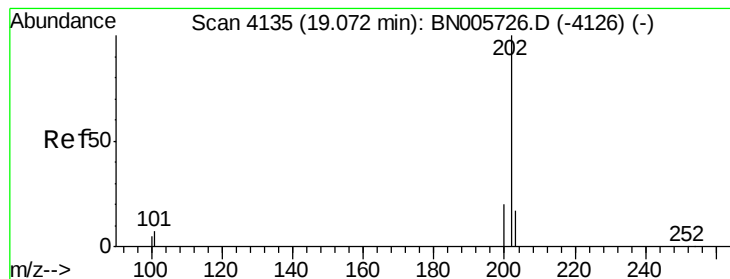
1000

500

0

Time-->





#15

Fluoranthene

Concen: 0.065 ng/ul m

RT: 19.07 min Scan# 4135

Delta R.T. 0.00 min

Lab File: BN005734.D

Acq: 17 May 2019 17:49

Instrument :

BNA_N

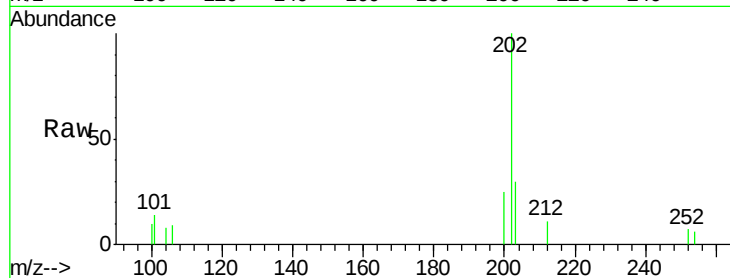
ClientSampleId :

A5196

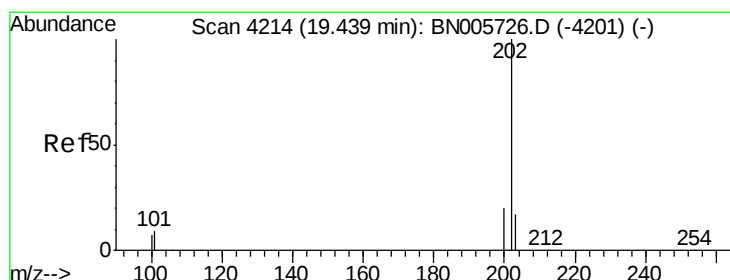
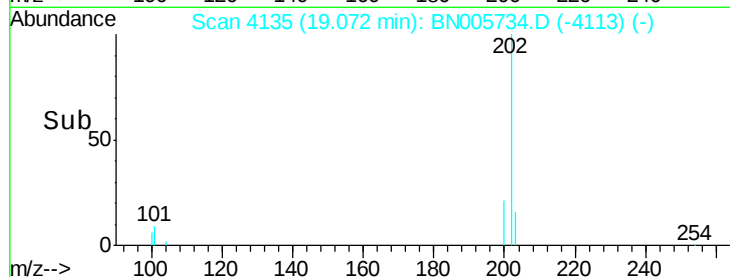
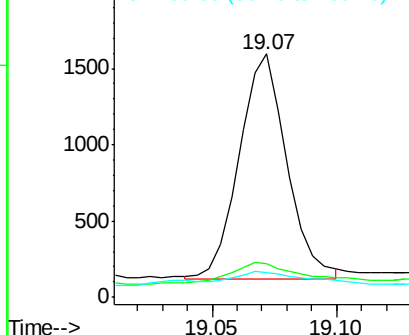
Tot Ion:	202	Resp:	1986
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	29.4
100	10.4	0.0	27.1

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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



#17

Pyrene

Concen: 0.119 ng/ul m

RT: 19.43 min Scan# 4213

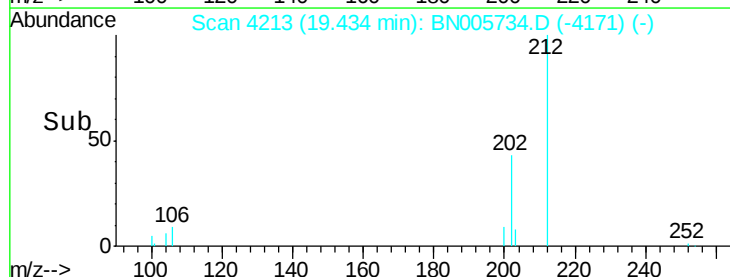
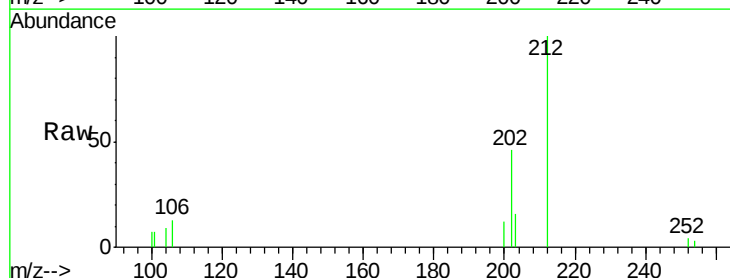
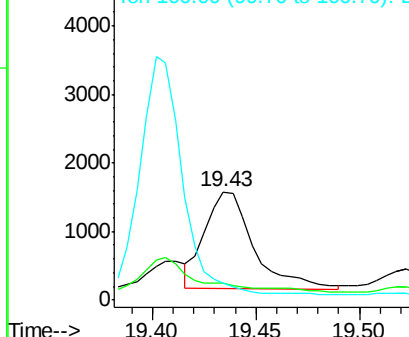
Delta R.T. -0.00 min

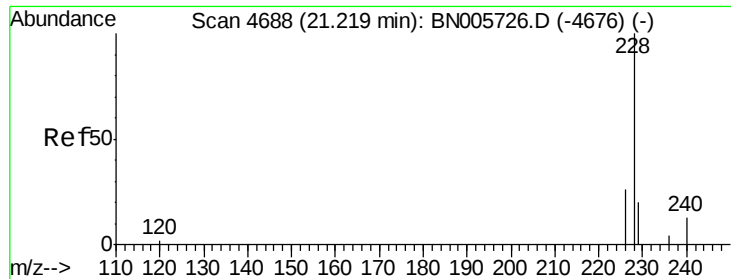
Lab File: BN005734.D

Acq: 17 May 2019 17:49

Tgt Ion:	202	Resp:	2323
Ion Ratio	Lower	Upper	
202	100		
101	15.8	8.5	12.7#
100	16.0	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





#18

Benzo(a)anthracene

Concen: 0.060 ng/ul m

RT: 21.22 min Scan# 4689

Delta R.T. 0.00 min

Lab File: BN005734.D

Acq: 17 May 2019 17:49

Instrument :

BNA_N

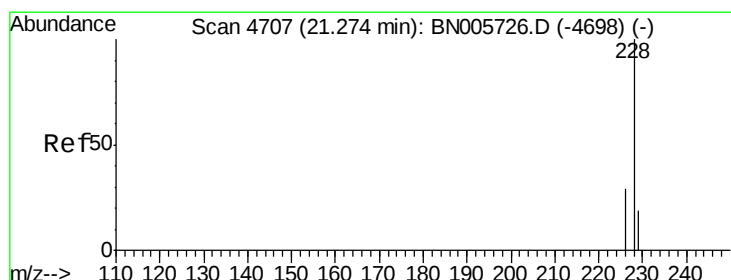
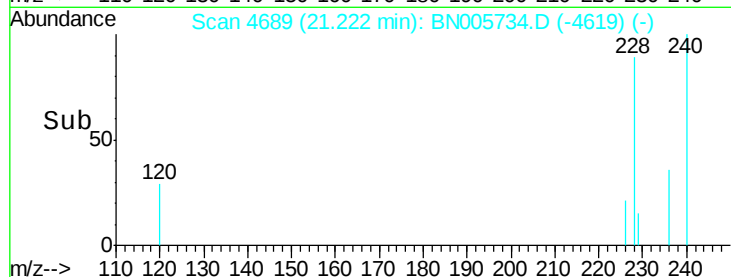
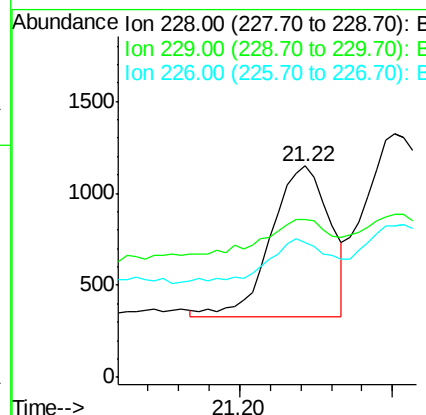
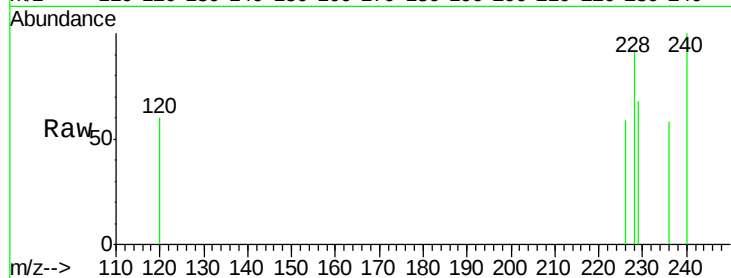
ClientSampleId :

A5196

Tot Ion	Ratio	Lower	Upper
228	100		
229	74.7	15.8	23.8#
226	63.9	21.7	32.5#

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#19

Chrysene

Concen: 0.071 ng/ul m

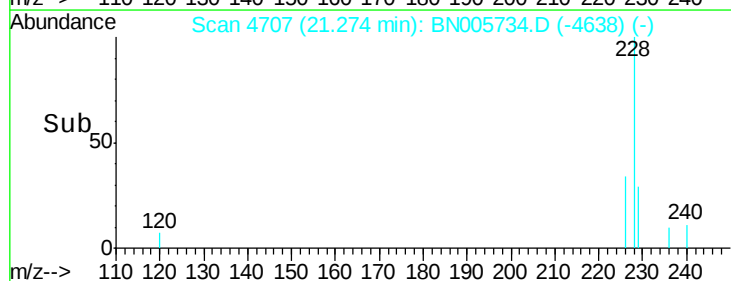
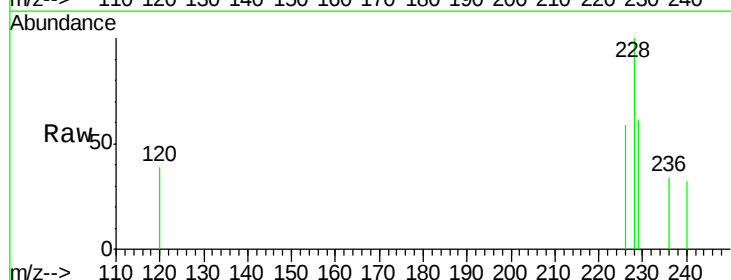
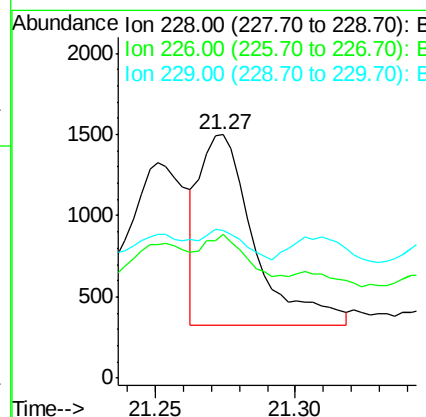
RT: 21.27 min Scan# 4707

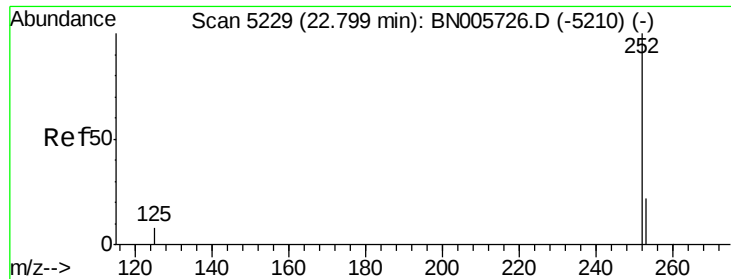
Delta R.T. 0.00 min

Lab File: BN005734.D

Acq: 17 May 2019 17:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	59.0	23.2	34.8#
229	60.8	16.0	24.0#





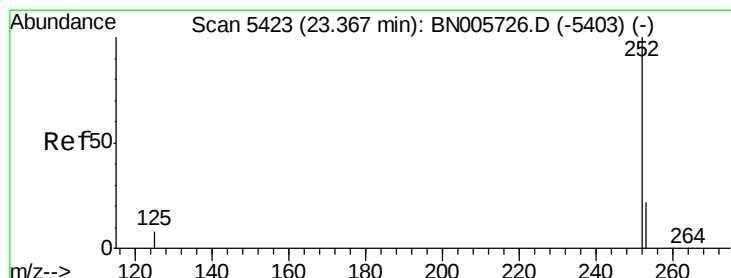
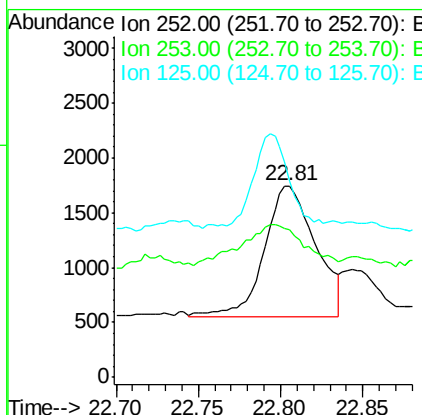
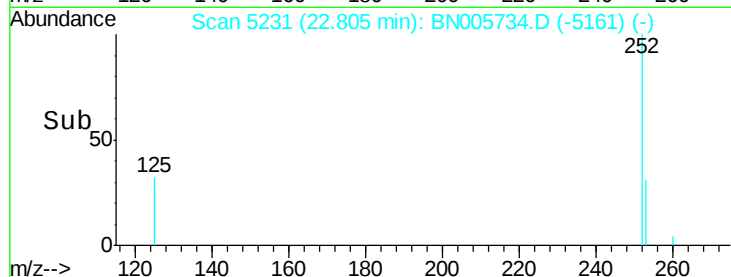
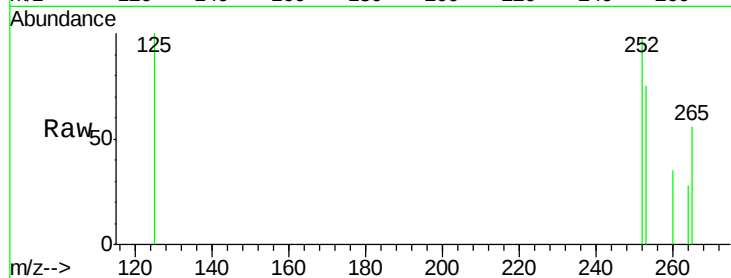
#21
Benzo(b)fluoranthene
Concen: 0.169 ng/ul m
RT: 22.81 min Scan# 5231
Delta R.T. 0.01 min
Lab File: BN005734.D
Acq: 17 May 2019 17:49

Instrument :
BNA_N
ClientSampled :
A5196

Tot Ion	Ratio	Lower	Upper
252	100		
253	76.7	0.0	47.6#
125	102.5	0.0	20.8#

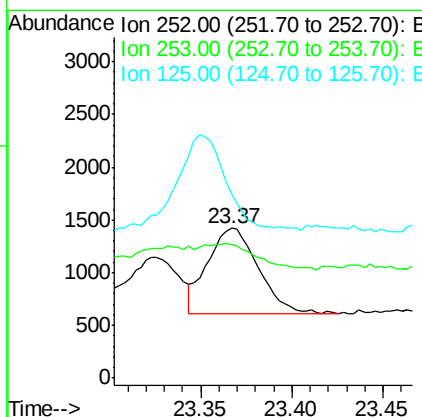
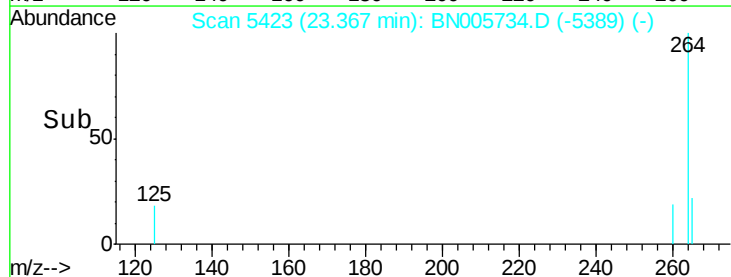
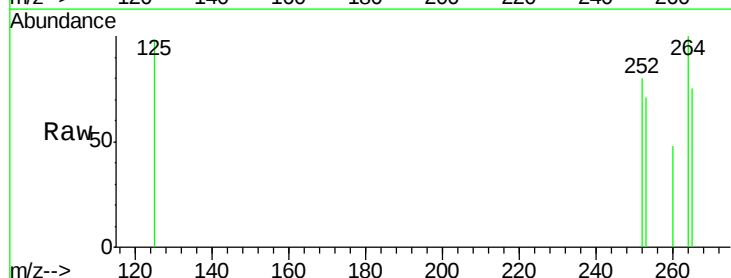
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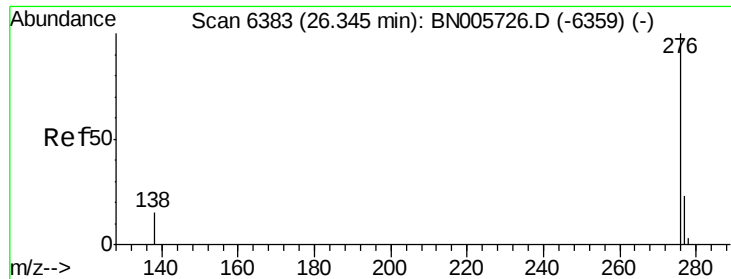
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#23
Benzo(a)pyrene
Concen: 0.092 ng/ul
RT: 23.37 min Scan# 5423
Delta R.T. 0.00 min
Lab File: BN005734.D
Acq: 17 May 2019 17:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	89.0	19.6	29.4#
125	122.5	10.1	15.1#





#26

Benzo(a,h,i)perylene

Concen: 0.156 ng/ul

RT: 26.36 min Scan# 6388

Delta R.T. 0.02 min

Lab File: BN005734.D

Acq: 17 May 2019 17:49

Instrument :

BNA_N

ClientSampleId :

A5196

Tot Ion: 276 Resp: 2558

Ion Ratio Lower Upper

276 100

138 43.6 15.6 23.4#

277 68.5 20.6 31.0#

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