

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051619\
 Data File : BN005714.D
 Acq On : 16 May 2019 22:02
 Operator : JU/SJ
 Sample : K2690-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5153

Manual Integrations
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Quant Time: May 17 13:54:28 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 04:47:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1358	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	5545	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	3547	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	8291m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	5586m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	5495m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2126	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.02	212	5952m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	320	0.022	ng/ul#	46
7) Acenaphthylene	13.94	152	545	0.031	ng/ul#	43
9) Fluorene	15.28	166	348	0.024	ng/ul#	69
12) Phenanthrene	17.02	178	12544	0.555	ng/ul	97
15) Fluoranthene	19.05	202	39541m	1.265	ng/ul	
17) Pyrene	19.42	202	34707	1.682	ng/ul	97
18) Benzo(a)anthracene	21.19	228	7566m	0.393	ng/ul	
19) Chrysene	21.24	228	15535m	0.657	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	25168m	1.523	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	7964m	0.385	ng/ul	
23) Benzo(a)pyrene	23.32	252	16266m	0.881	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.62	276	11529m	0.558	ng/ul	
26) Benzo(g,h,i)perylene	26.30	276	19522m	1.109	ng/ul	

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

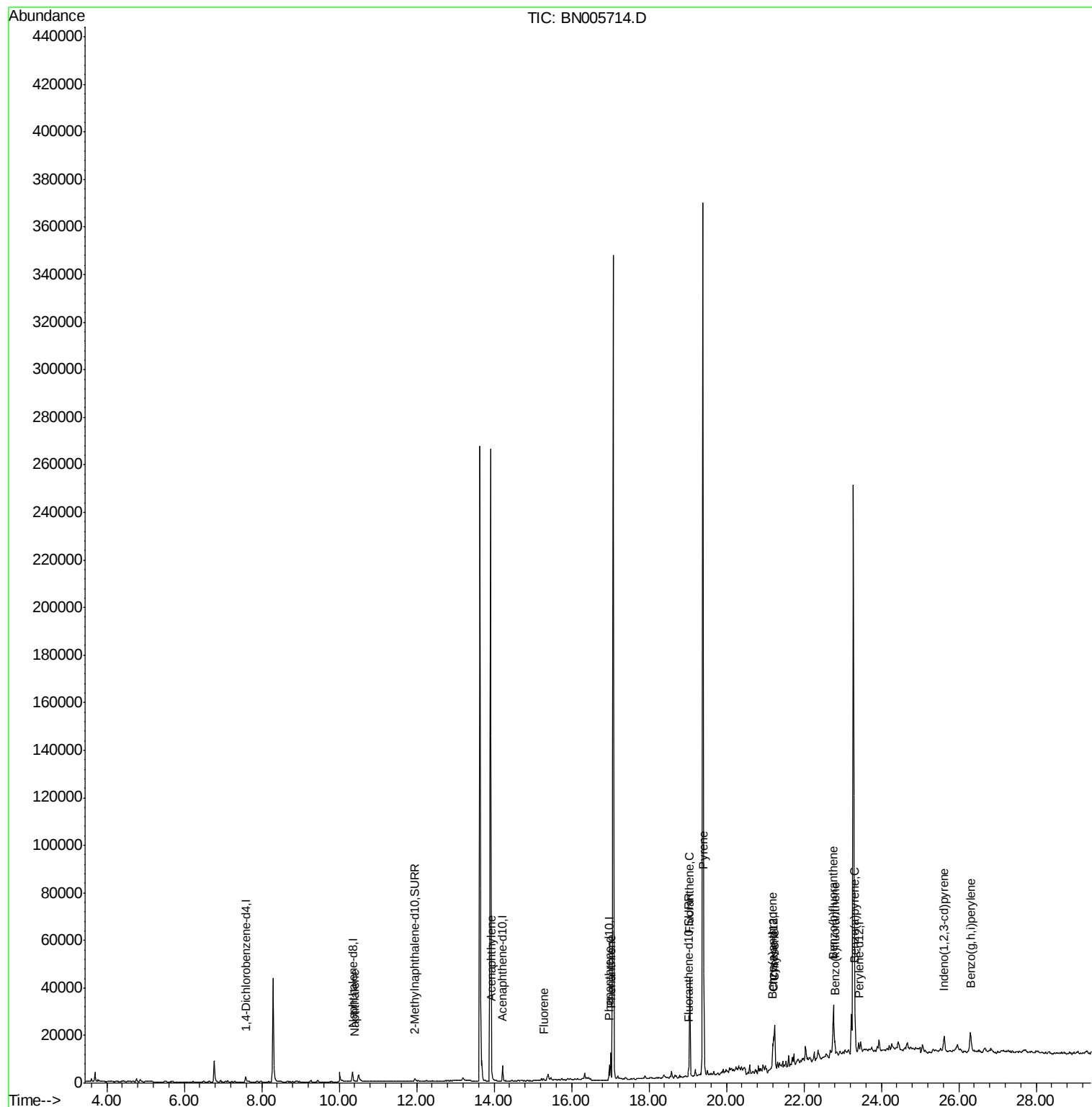
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051619\
Data File : BN005714.D
Acq On : 16 May 2019 22:02
Operator : JU/SJ
Sample : K2690-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

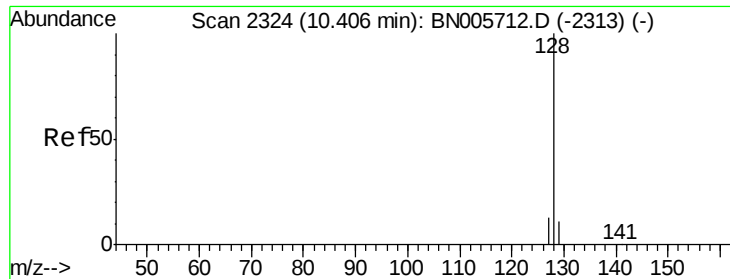
Instrument :
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QLast Update : Fri May 17 04:47:07 2019
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#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

Instrument :

BNA_N

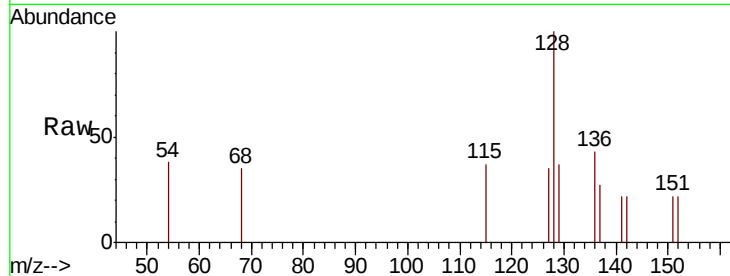
ClientSampleId :

A5153

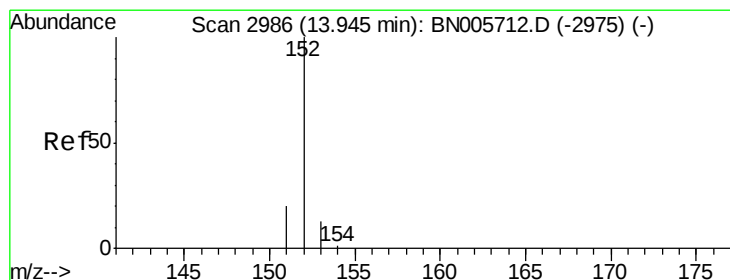
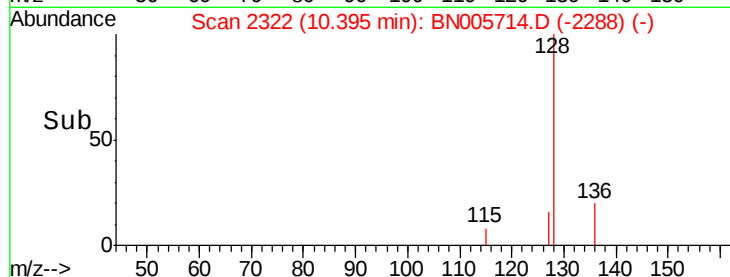
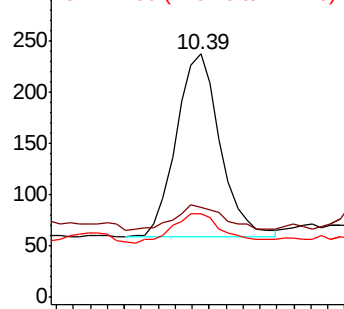
Tot Ion:	128	Resp:	320
Ion	Ratio	Lower	Upper
128	100		
129	37.1	10.2	15.2#
127	34.6	11.8	17.8#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.031 ng/ul

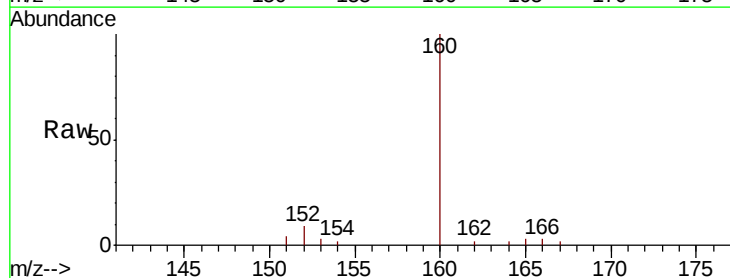
RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

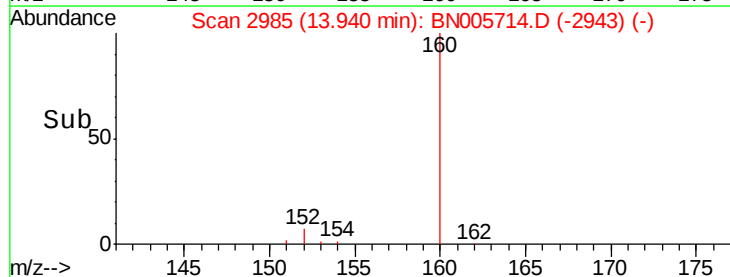
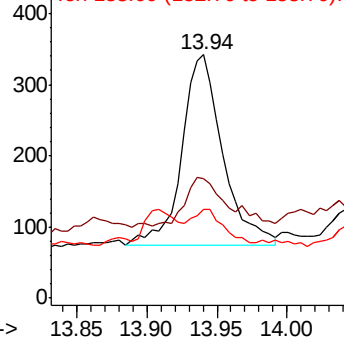
Lab File: BN005714.D

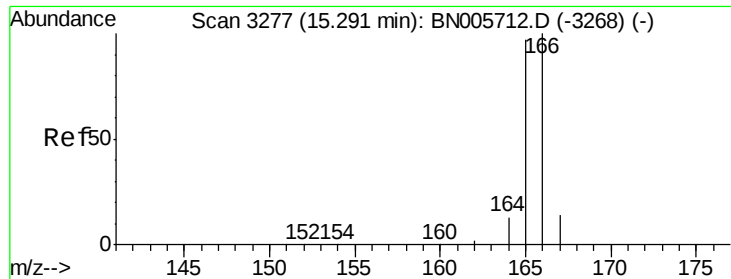
Acq: 16 May 2019 22:02

Tgt Ion:	152	Resp:	545
Ion	Ratio	Lower	Upper
152	100		
151	49.1	16.7	25.1#
153	36.3	11.6	17.4#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.024 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

Instrument :

BNA_N

ClientSampleId :

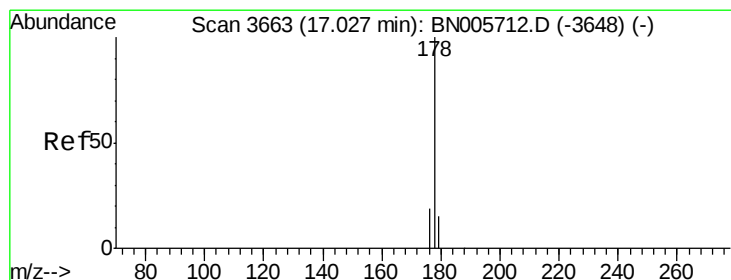
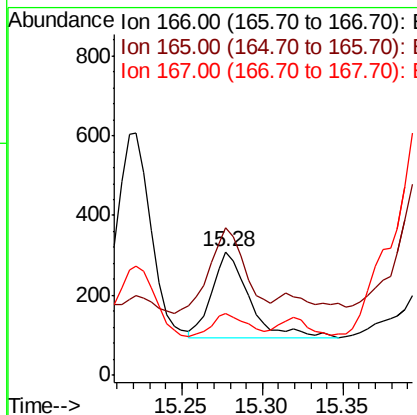
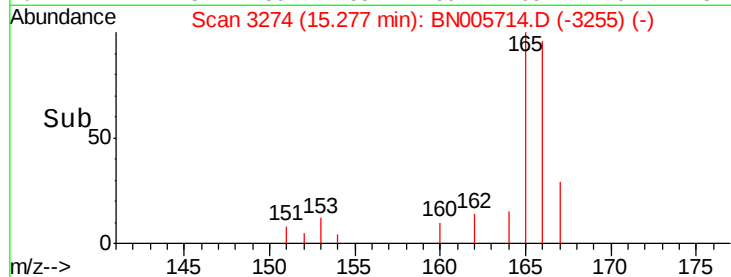
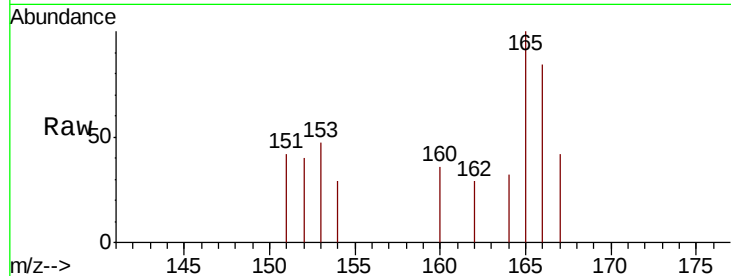
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Tot Ion:166 Resp: 348

Ion	Ratio	Lower	Upper
166	100		
165	119.7	78.0	117.0#
167	50.3	12.2	18.4#

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#12

Phenanthrene

Concen: 0.555 ng/ul

RT: 17.02 min Scan# 3661

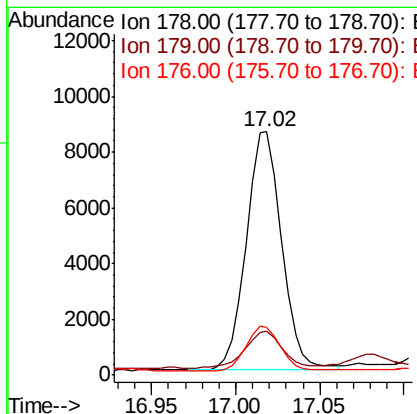
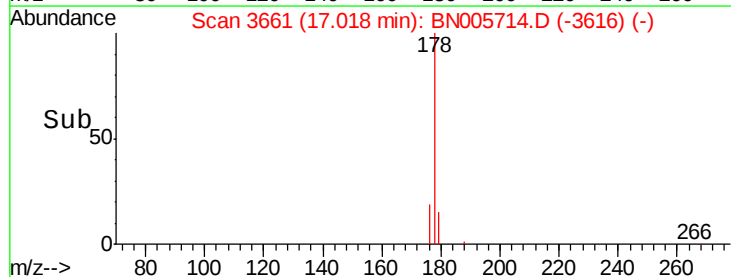
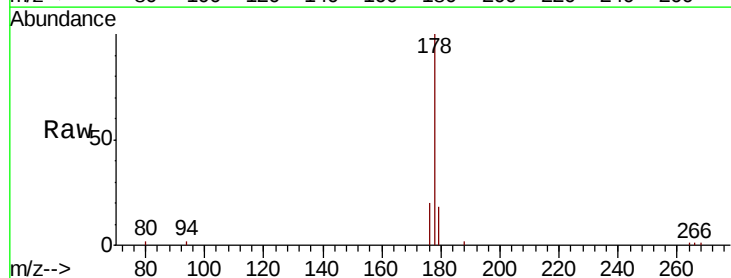
Delta R.T. -0.01 min

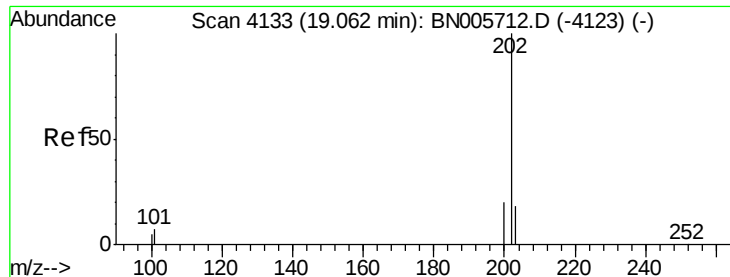
Lab File: BN005714.D

Acq: 16 May 2019 22:02

Tgt Ion:178 Resp: 12544

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.8	19.2
176	19.8	15.3	22.9





#15

Fluoranthene

Concen: 1.265 ng/ul m

RT: 19.05 min Scan# 4131

Delta R.T. -0.01 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

Instrument :

BNA_N

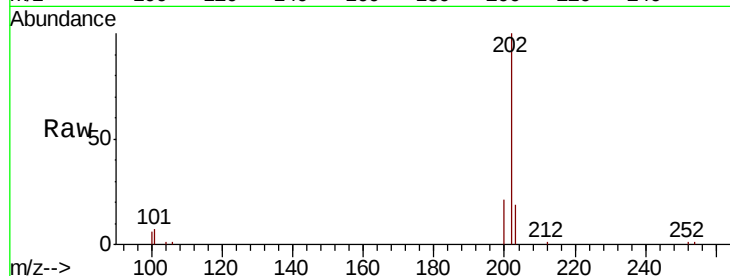
ClientSampleId :

A5153

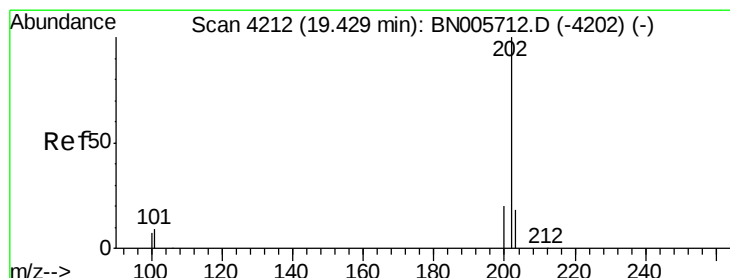
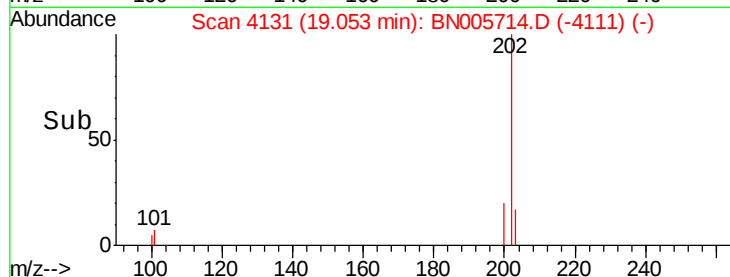
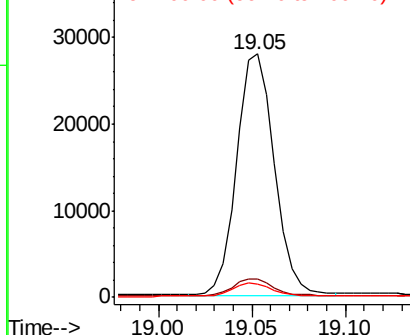
Tot Ion:	202	Resp:	39541
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	29.4
100	5.7	0.0	27.1

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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: 1.682 ng/ul

RT: 19.42 min Scan# 4209

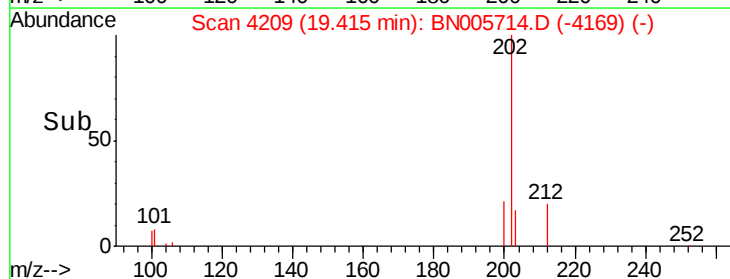
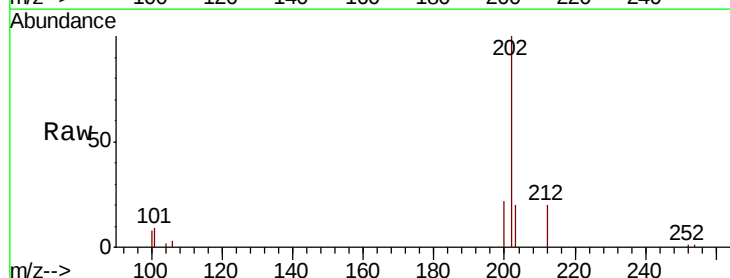
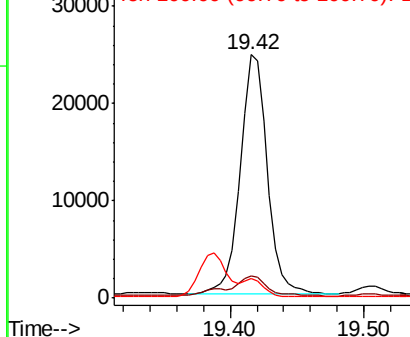
Delta R.T. -0.01 min

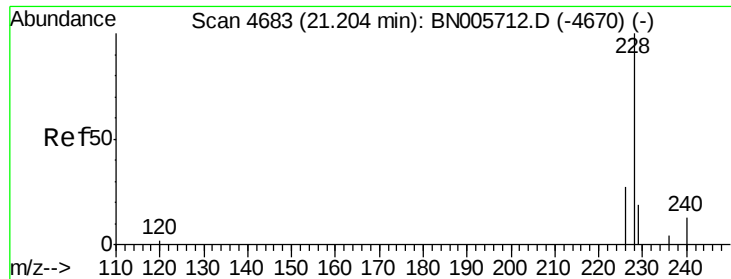
Lab File: BN005714.D

Acq: 16 May 2019 22:02

Tgt Ion:	202	Resp:	34707
Ion Ratio	Lower	Upper	
202	100		
101	9.2	8.5	12.7
100	7.9	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





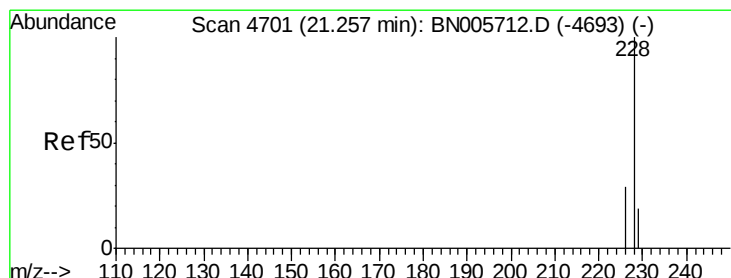
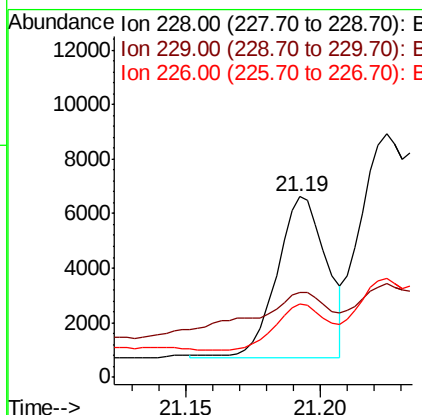
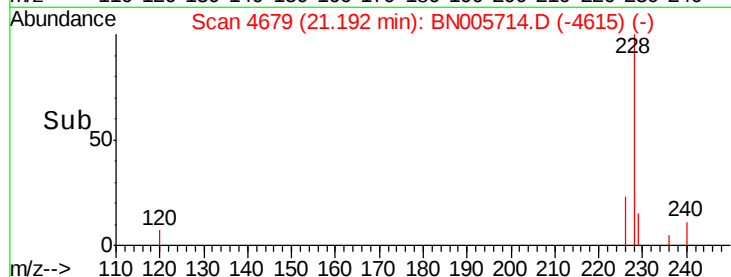
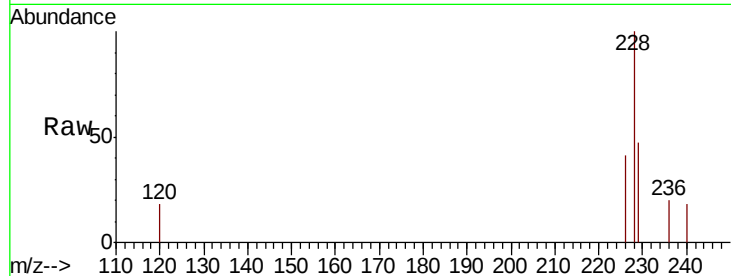
#18
Benzo(a)anthracene
Concen: 0.393 ng/ul m
RT: 21.19 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN005714.D
Acq: 16 May 2019 22:02

Instrument :
BNA_N
ClientSampled :
A5153

Tot Ion	Ratio	Lower	Upper
228	100		
229	47.1	15.8	23.8#
226	40.5	21.7	32.5#

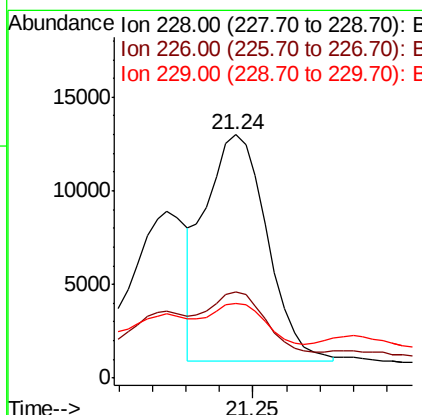
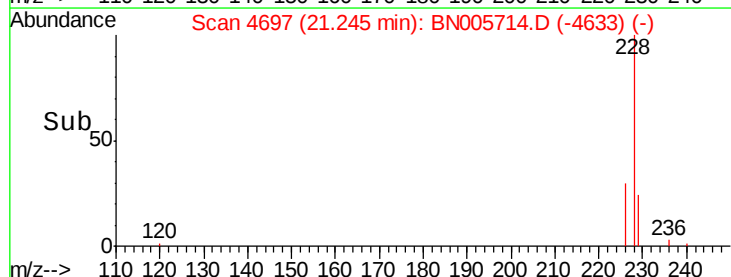
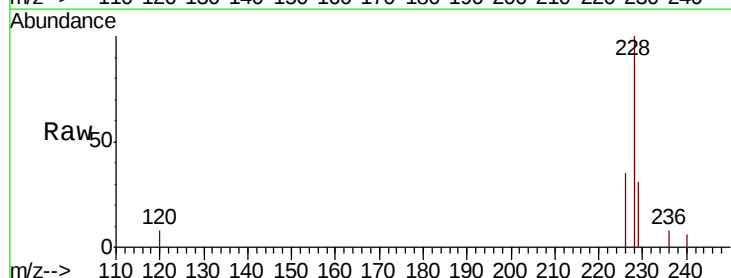
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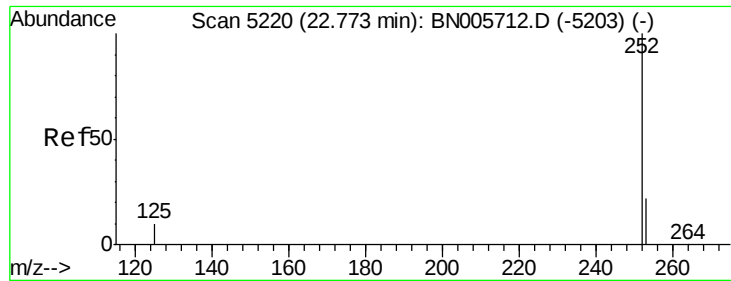
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#19
Chrysene
Concen: 0.657 ng/ul m
RT: 21.24 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN005714.D
Acq: 16 May 2019 22:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.2	23.2	34.8#
229	30.6	16.0	24.0#





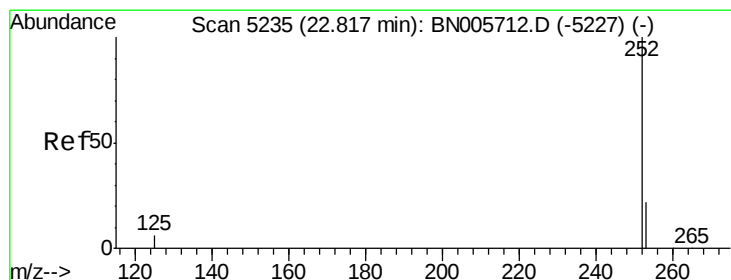
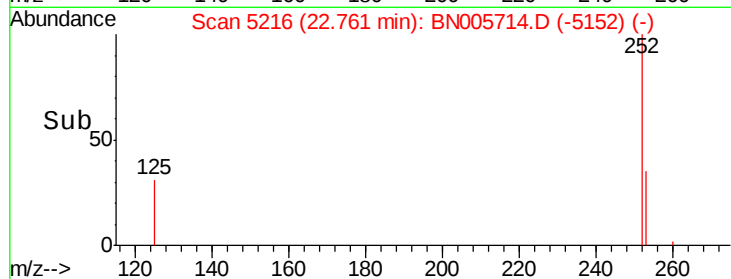
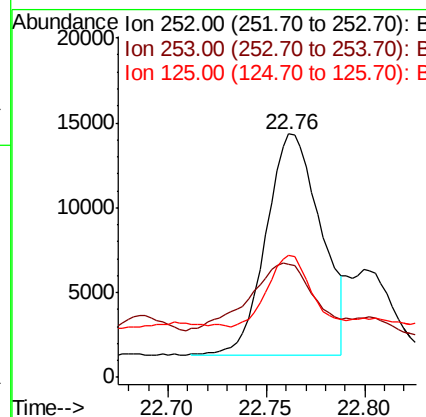
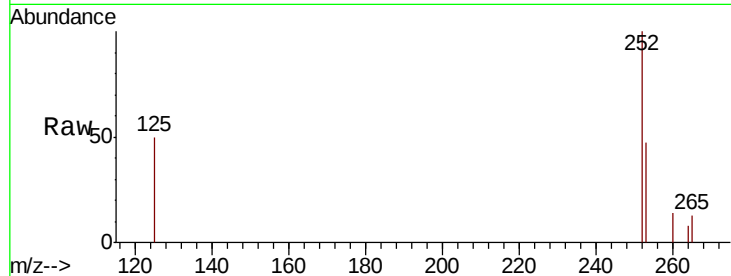
#21
Benzo(b)fluoranthene
Concen: 1.523 ng/ul m
RT: 22.76 min Scan# 5216
Delta R.T. -0.01 min
Lab File: BN005714.D
Acq: 16 May 2019 22:02

Instrument :
BNA_N
ClientSampleId :
A5153

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	46.6	0.0	47.6
125	50.1	0.0	20.8

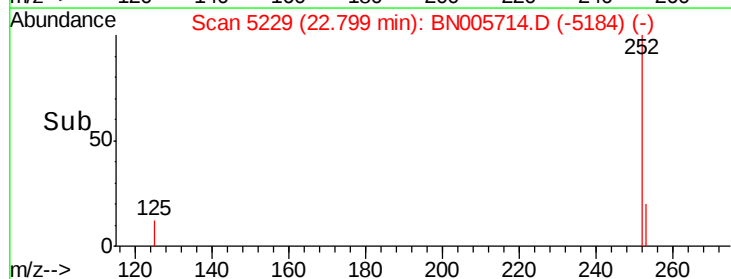
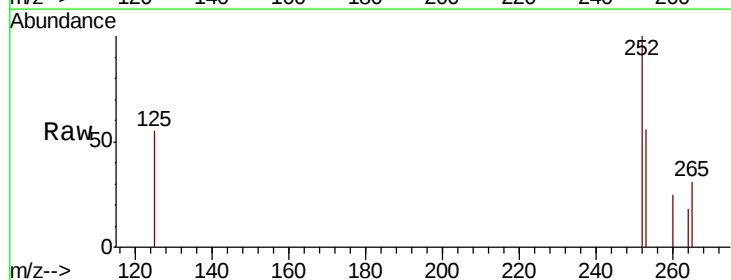
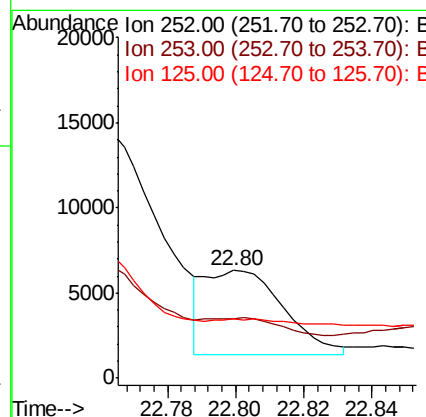
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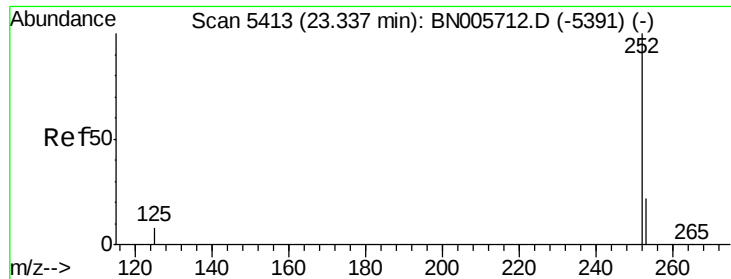
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#22
Benzo(k)fluoranthene
Concen: 0.385 ng/ul m
RT: 22.80 min Scan# 5229
Delta R.T. -0.02 min
Lab File: BN005714.D
Acq: 16 May 2019 22:02

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	55.7	18.8	28.2
125	54.9	7.6	11.4





#23

Benzo(a)pyrene

Concen: 0.881 ng/ul m

RT: 23.32 min Scan# 5407

Delta R.T. -0.02 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

Instrument :

BNA_N

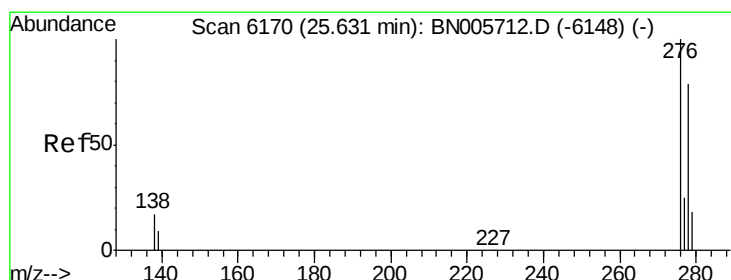
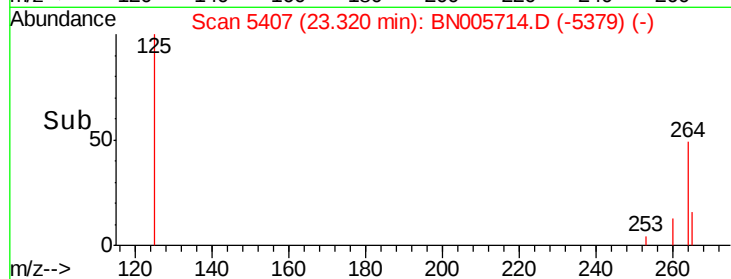
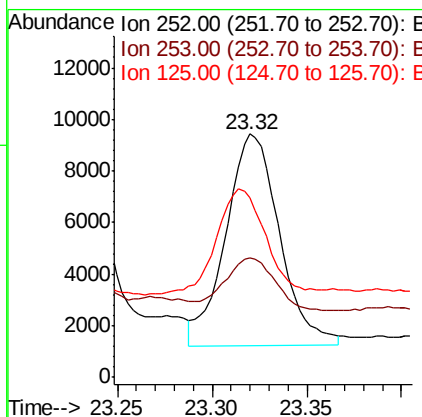
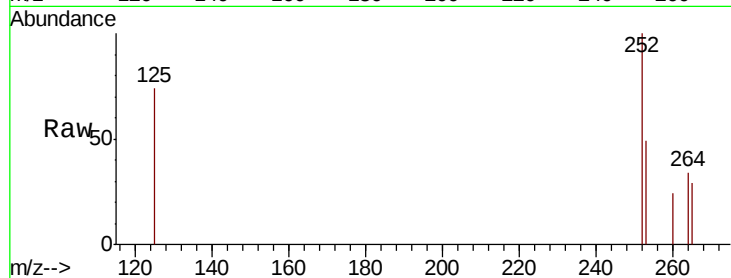
ClientSampleId :

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Tot Ion:	252	Resp:	16266
Ion Ratio	Lower	Upper	
252	100		
253	49.0	19.6	29.4#
125	73.6	10.1	15.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.558 ng/ul m

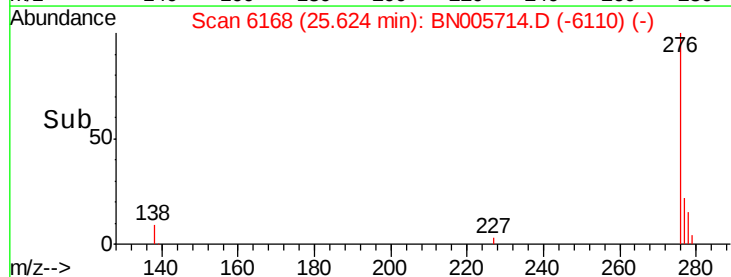
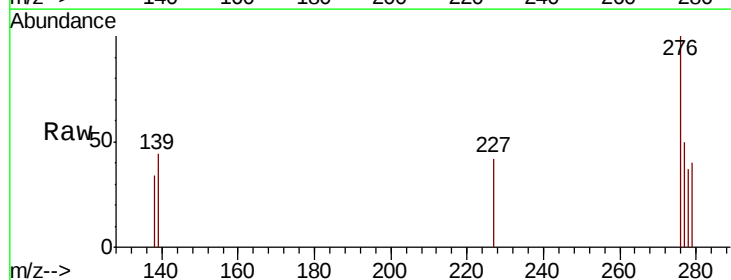
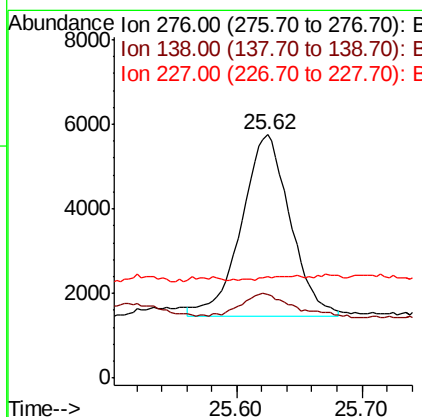
RT: 25.62 min Scan# 6168

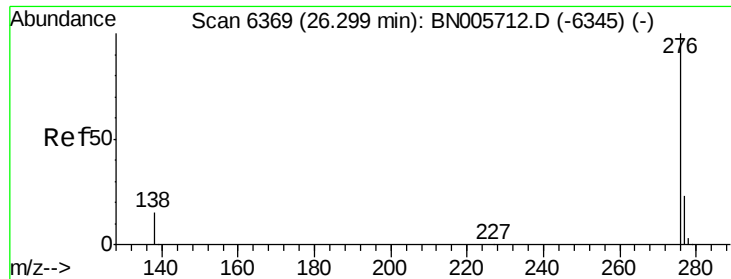
Delta R.T. -0.01 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

Tgt Ion:	276	Resp:	11529
Ion Ratio	Lower	Upper	
276	100		
138	0.0	15.8	23.8#
227	0.0	0.1	0.1#





#26
 Benzo(a,h,i)perylene
 Concen: 1.109 ng/ul m
 RT: 26.30 min Scan# 6369
 Delta R.T. -0.00 min
 Lab File: BN005714.D
 Acq: 16 May 2019 22:02

Instrument :
 BNA_N
 ClientSampleId :
 A5153

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.1	15.6	23.4#
277	45.2	20.6	31.0#

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