

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
 Data File : BN012352.D
 Acq On : 19 Oct 2020 15:32
 Operator : CG/JU
 Sample : L4326-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLX61

Manual Integrations
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Sohil
 10/20/2020 9:35:53 AM

Quant Time: Oct 19 16:06:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 19 11:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1308	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	5542	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	3166	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	6369m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	5451	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	5489	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2840	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	5607	0.32	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.95	152	1506	0.110	ng/ul#	86
8) Acenaphthene	14.30	153	682	0.059	ng/ul	95
9) Fluorene	15.29	166	480	0.037	ng/ul#	86
12) Phenanthrene	17.03	178	5610	0.276	ng/ul	99
13) Anthracene	17.12	178	1538	0.088	ng/ul#	88
15) Fluoranthene	19.05	202	8084	0.341	ng/ul	97
17) Pyrene	19.42	202	11138	0.453	ng/ul	97
18) Benzo(a)anthracene	21.17	228	3339	0.165	ng/ul#	70
19) Chrysene	21.22	228	4287	0.174	ng/ul#	87
21) Benzo(b)fluoranthene	22.71	252	4948m	0.223	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	1978m	0.081	ng/ul	
23) Benzo(a)pyrene	23.27	252	5225	0.242	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.53	276	4110	0.148	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.53	278	707	0.032	ng/ul#	1
26) Benzo(g,h,i)perylene	26.19	276	5449	0.215	ng/ul#	88

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

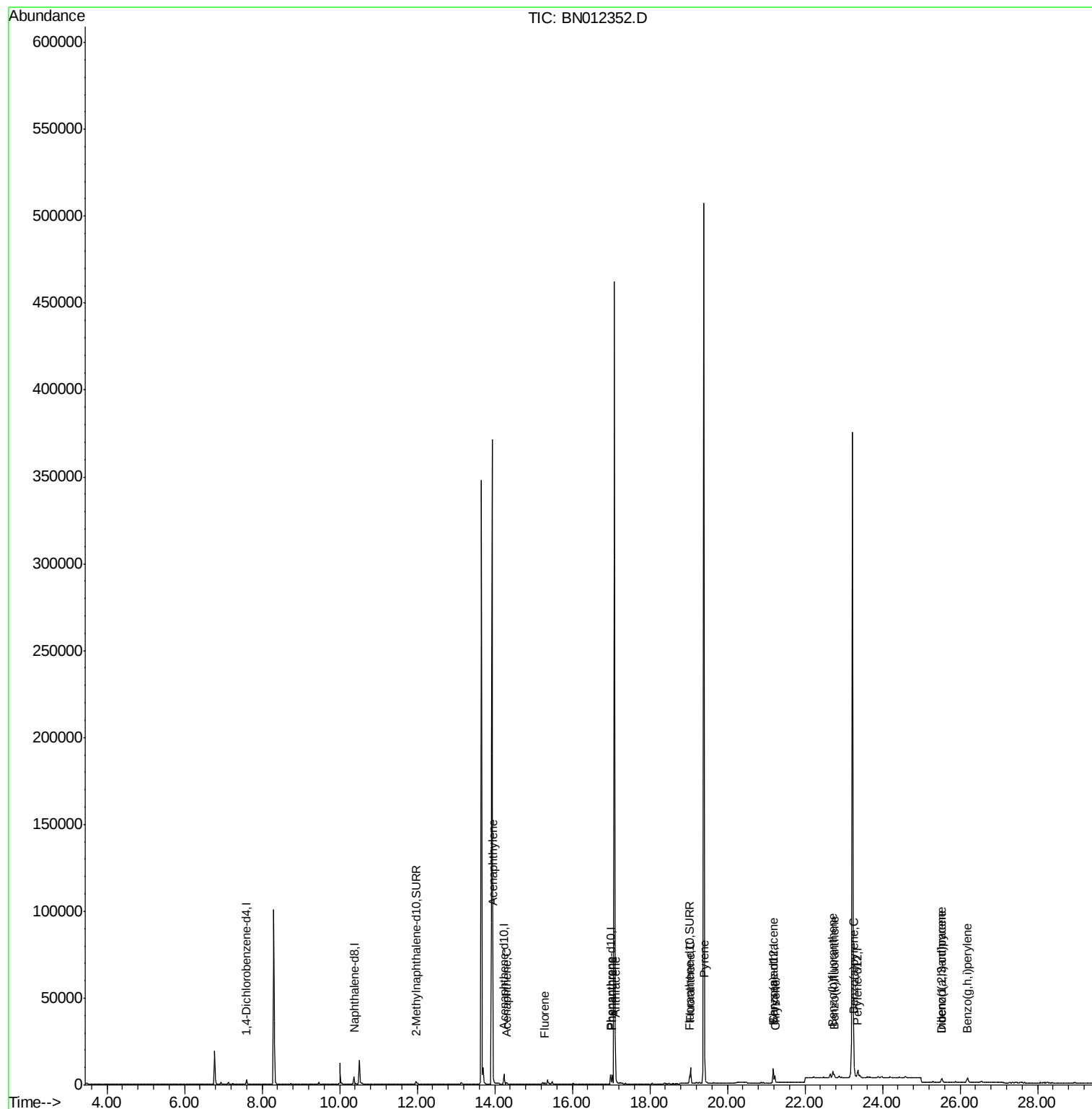
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
Data File : BN012352.D
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ALS Vial : 11 Sample Multiplier: 1

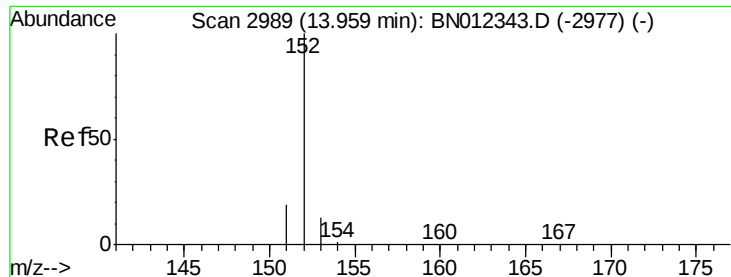
Instrument :
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JLX61

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10/20/2020 9:35:53 AM

Quant Time: Oct 19 16:06:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 19 11:52:04 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.110 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN012352.D

Acq: 19 Oct 2020 15:32

Instrument :

BNA_N

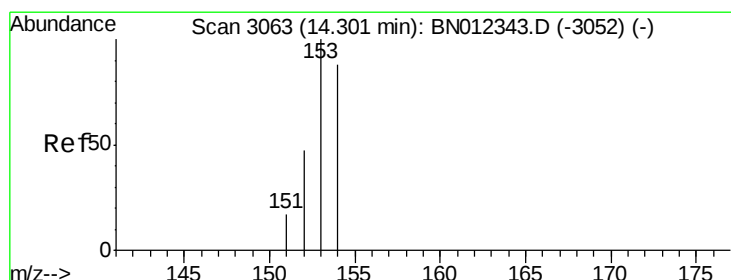
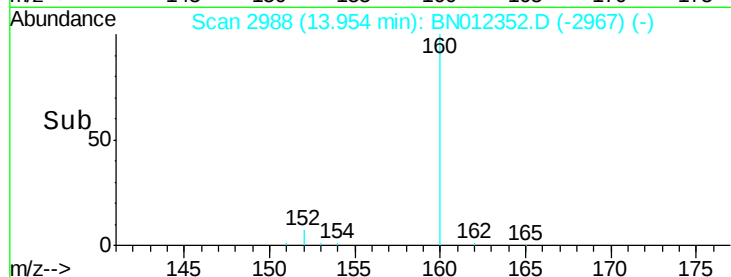
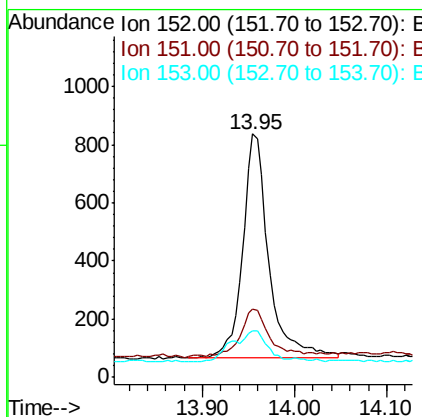
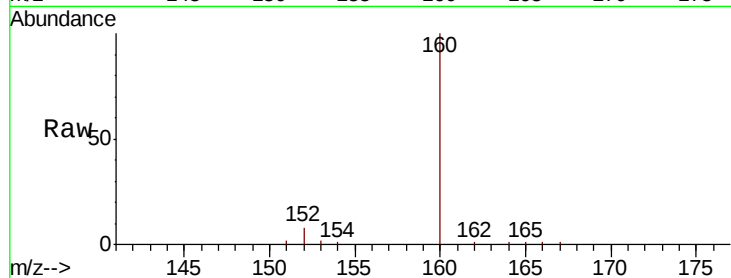
ClientSampled :

JLX61

Tot Ion:	152	Resp:	1506
Ion Ratio	Lower	Upper	
152	100		
151	27.8	16.6	24.8#
153	19.4	11.4	17.0#

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#8

Acenaphthene

Concen: 0.059 ng/ul

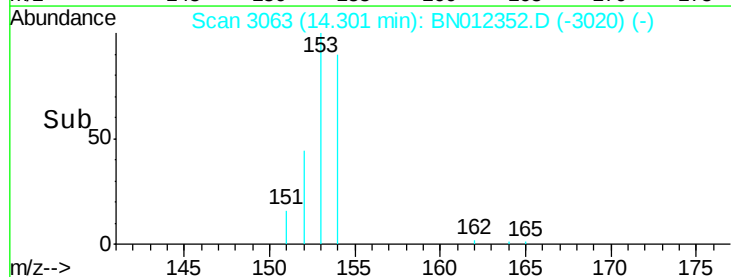
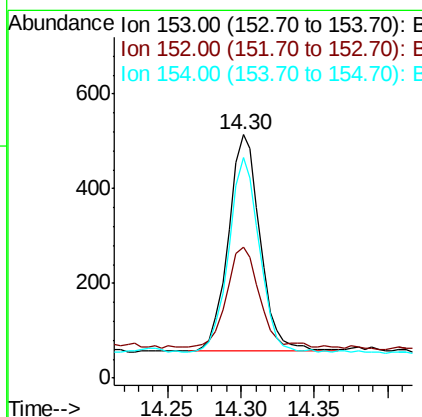
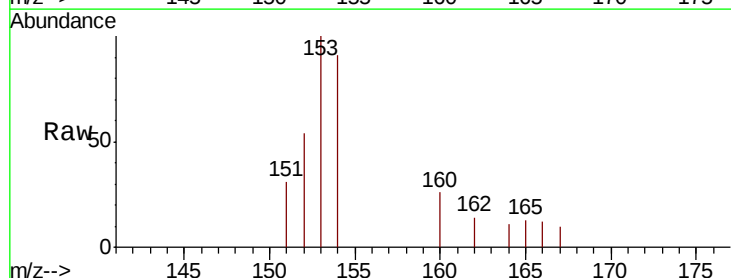
RT: 14.30 min Scan# 3063

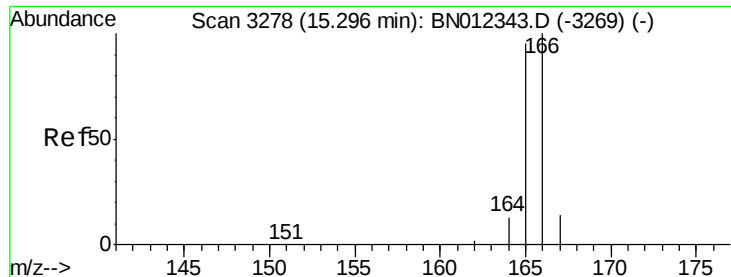
Delta R.T. 0.00 min

Lab File: BN012352.D

Acq: 19 Oct 2020 15:32

Tgt Ion:	153	Resp:	682
Ion Ratio	Lower	Upper	
153	100		
152	53.9	38.5	57.7
154	90.9	70.7	106.1





#9

Fluorene

Concen: 0.037 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN012352.D

Acq: 19 Oct 2020 15:32

Instrument :

BNA_N

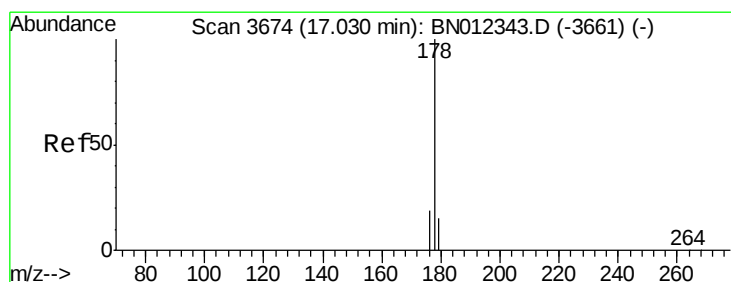
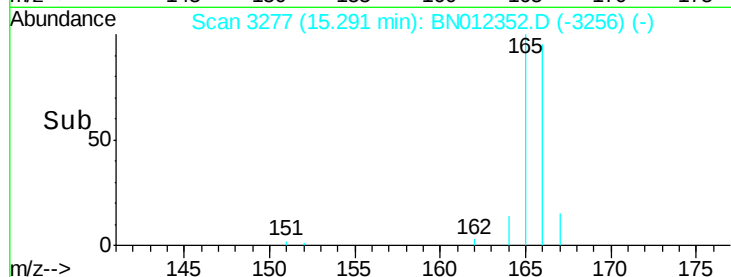
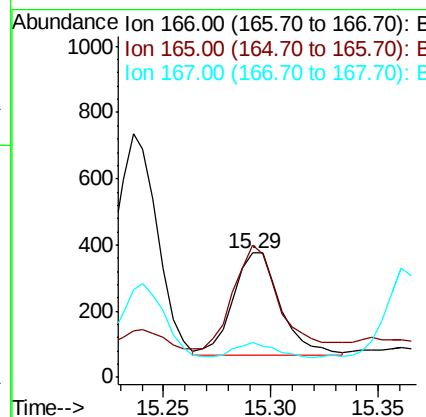
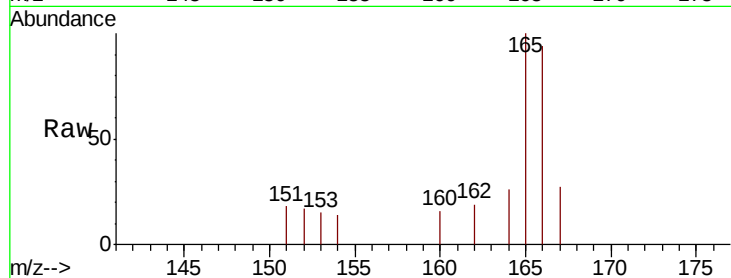
ClientSampleId :

JLX61

Tot Ion:	166	Resp:	480
Ion	Ratio	Lower	Upper
166	100		
165	106.7	76.3	114.5
167	28.3	12.0	18.0#

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#12

Phenanthrene

Concen: 0.276 ng/ul

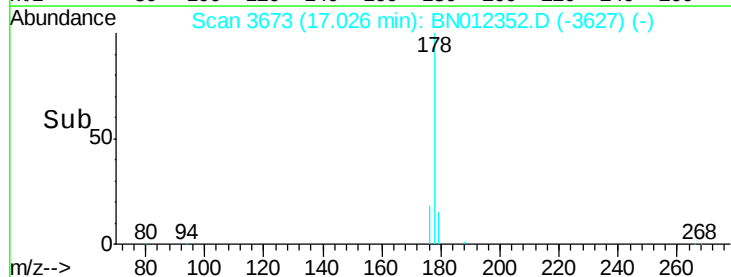
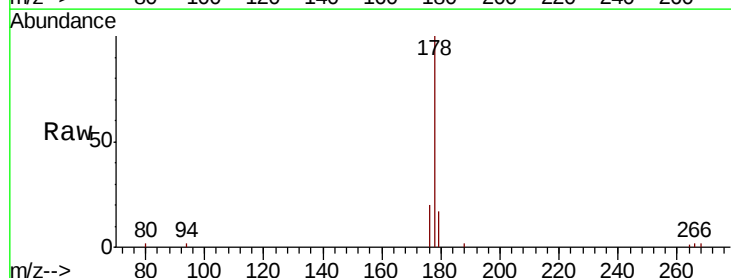
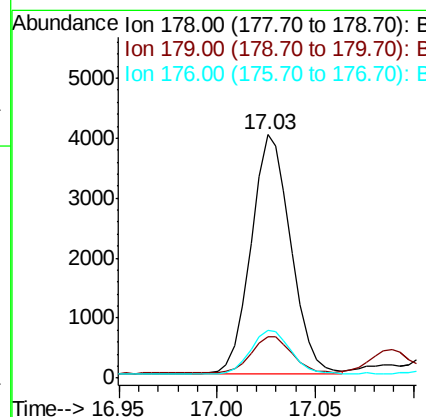
RT: 17.03 min Scan# 3673

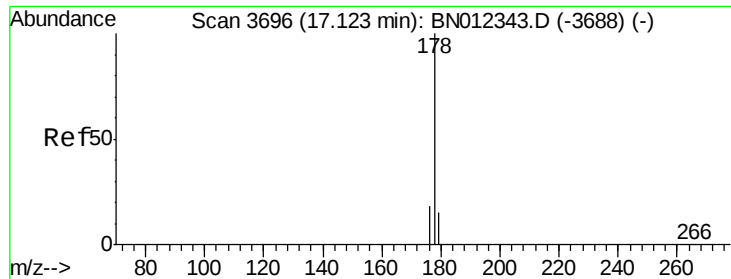
Delta R.T. -0.00 min

Lab File: BN012352.D

Acq: 19 Oct 2020 15:32

Tgt Ion:	178	Resp:	5610
Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.1	19.7
176	19.8	15.8	23.8





#13

Anthracene

Concen: 0.088 ng/ul

RT: 17.12 min Scan# 3695

Delta R.T. -0.00 min

Lab File: BN012352.D

Acq: 19 Oct 2020 15:32

Instrument :

BNA_N

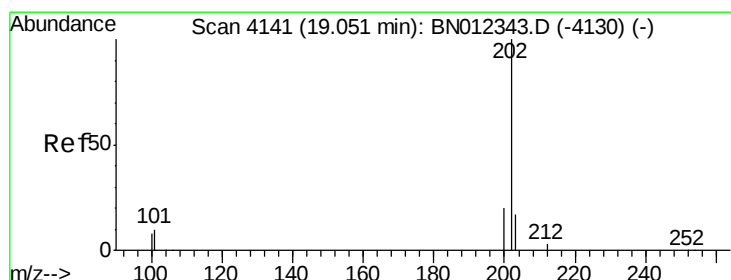
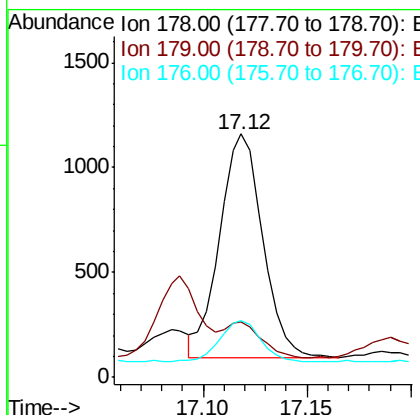
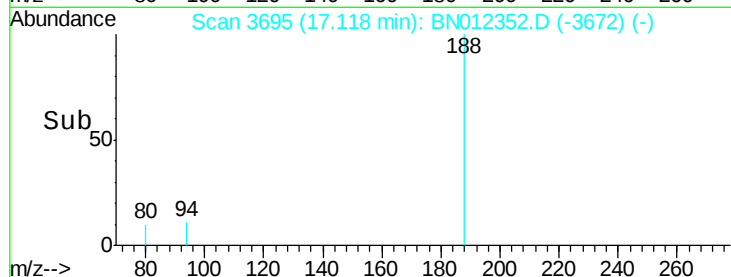
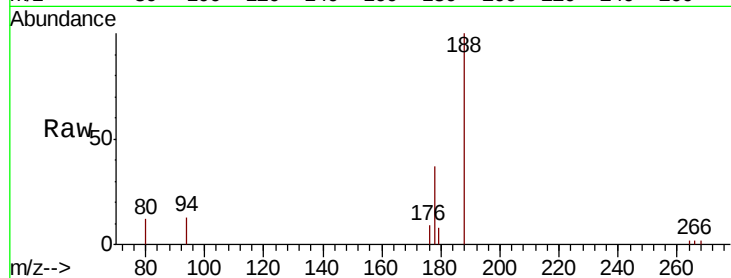
ClientSampled :

JLX61

Tot Ion:	178	Resp:	1538
Ion Ratio	Lower	Upper	
178	100		
179	22.7	13.1	19.7#
176	23.5	15.4	23.2#

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#15

Fluoranthene

Concen: 0.341 ng/ul

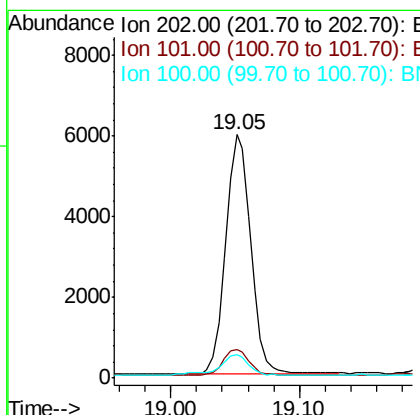
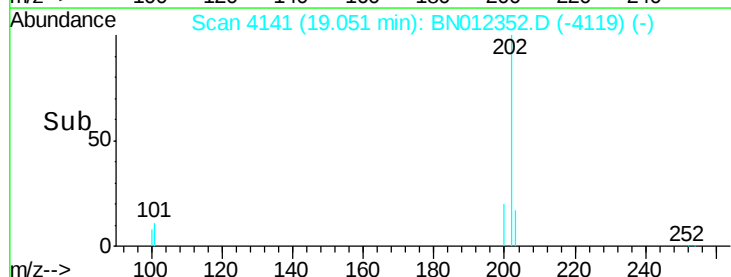
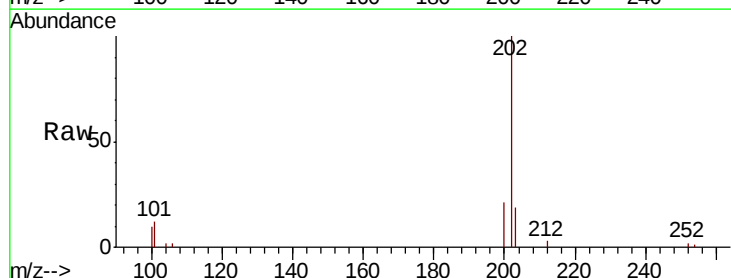
RT: 19.05 min Scan# 4141

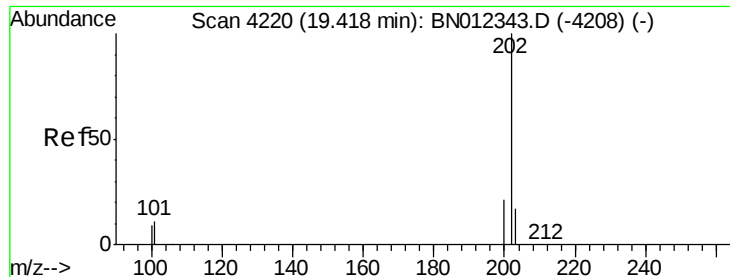
Delta R.T. 0.00 min

Lab File: BN012352.D

Acq: 19 Oct 2020 15:32

Tgt Ion:	202	Resp:	8084
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.1
100	9.7	0.0	28.7





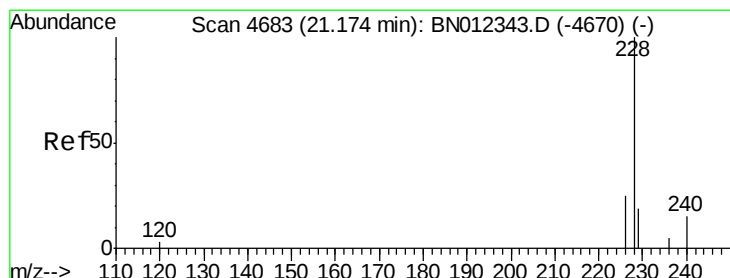
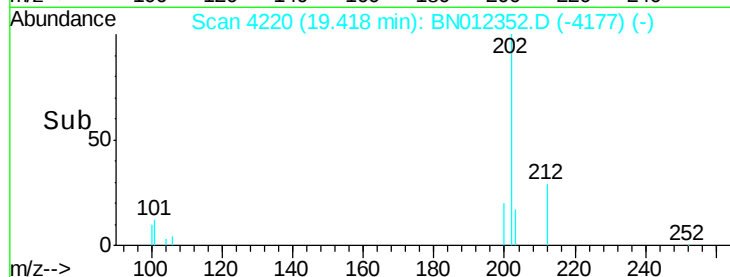
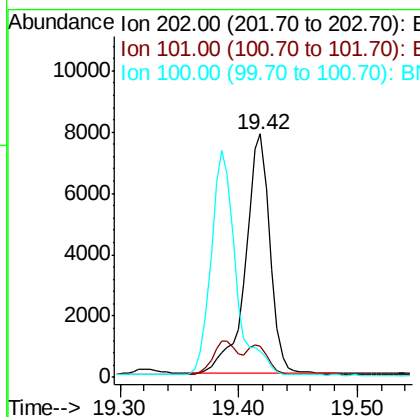
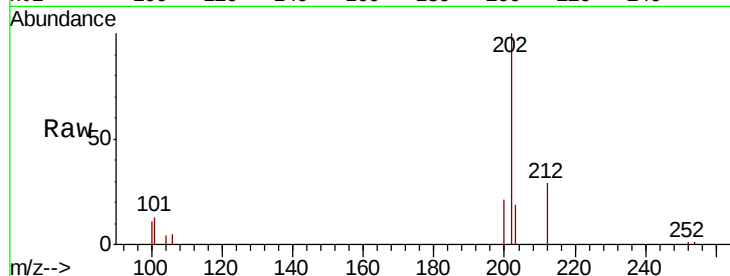
#17
Pvrene
Concen: 0.453 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN012352.D
Acq: 19 Oct 2020 15:32

Instrument :
BNA_N
ClientSampled :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	9.6	14.4
100	10.9	7.8	11.8

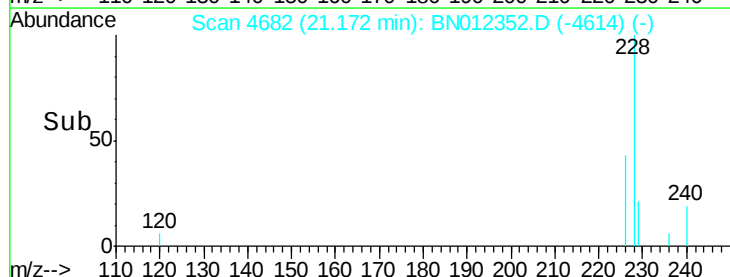
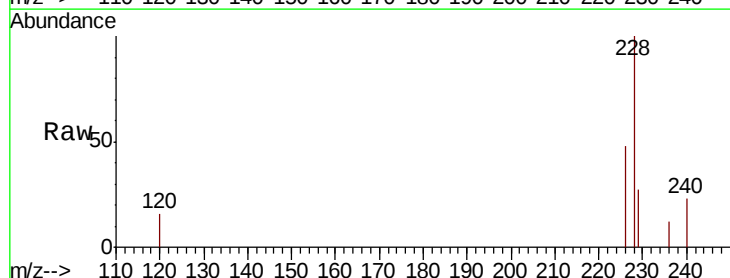
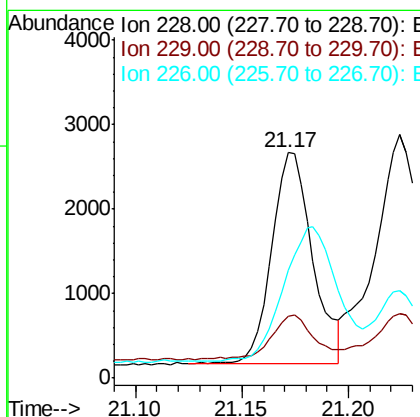
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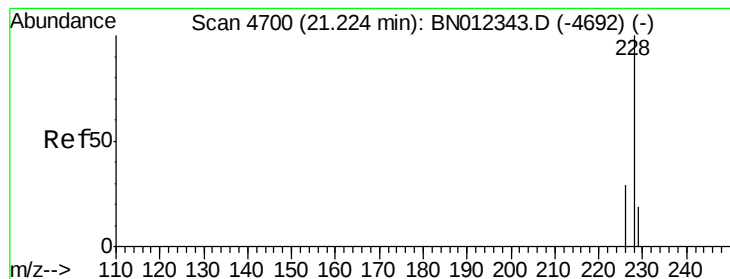
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#18
Benzo(a)anthracene
Concen: 0.165 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.00 min
Lab File: BN012352.D
Acq: 19 Oct 2020 15:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	27.4	16.2	24.4#
226	47.8	21.2	31.8#





#19

Chrysene

Concen: 0.174 ng/ul

RT: 21.22 min Scan# 4700

Delta R.T. 0.00 min

Lab File: BN012352.D

Acq: 19 Oct 2020 15:32

Instrument :

BNA_N

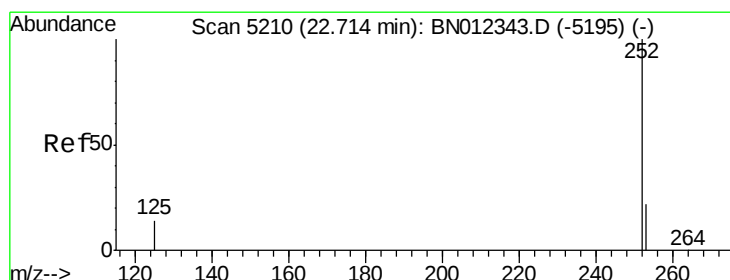
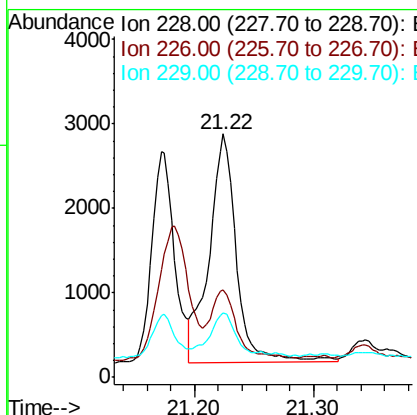
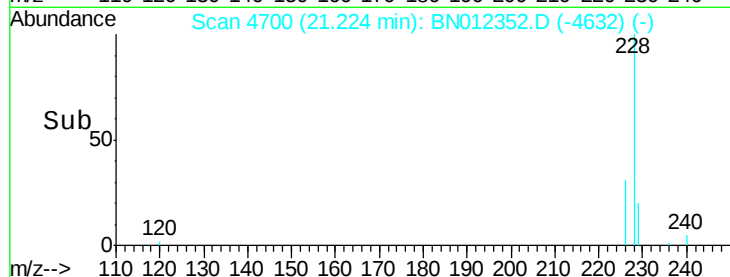
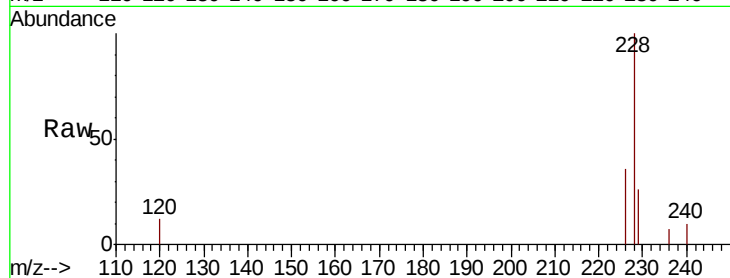
ClientSampled :

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Tot Ion:	228	Resp:	4287
Ion Ratio	Lower	Upper	
228	100		
226	36.2	23.8	35.6#
229	26.4	15.8	23.8#

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 0.223 ng/ul m

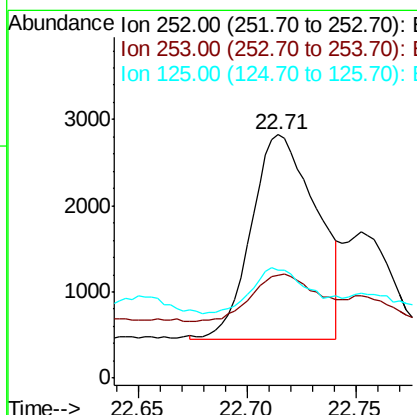
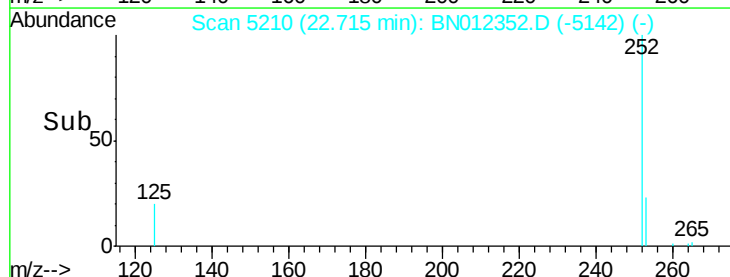
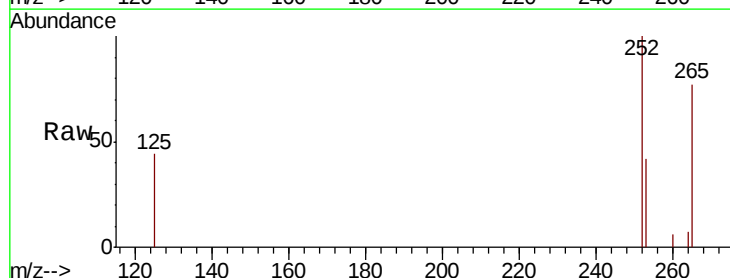
RT: 22.71 min Scan# 5210

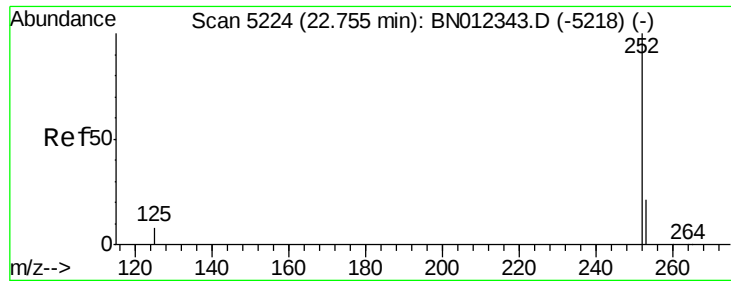
Delta R.T. 0.00 min

Lab File: BN012352.D

Acq: 19 Oct 2020 15:32

Tgt Ion:	252	Resp:	4948
Ion Ratio	Lower	Upper	
252	100		
253	42.2	0.0	56.4
125	44.3	0.0	37.8#





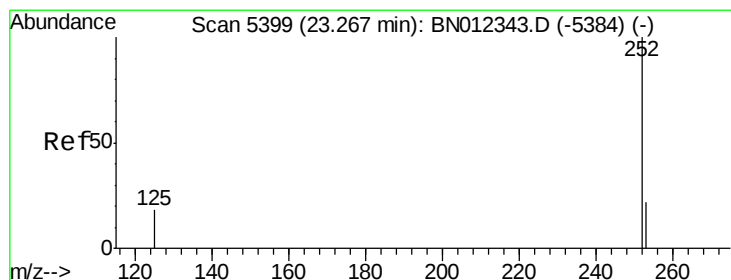
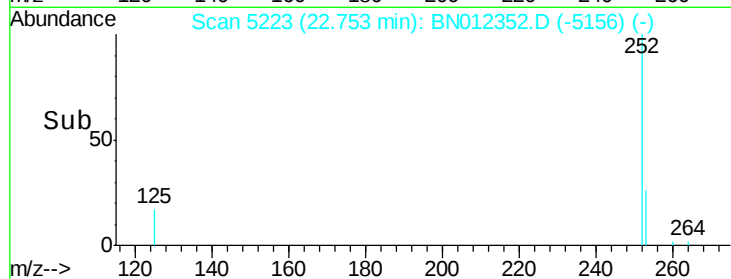
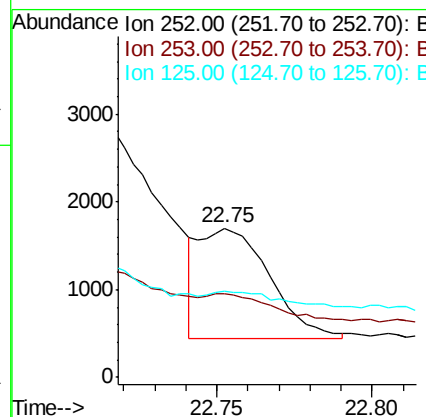
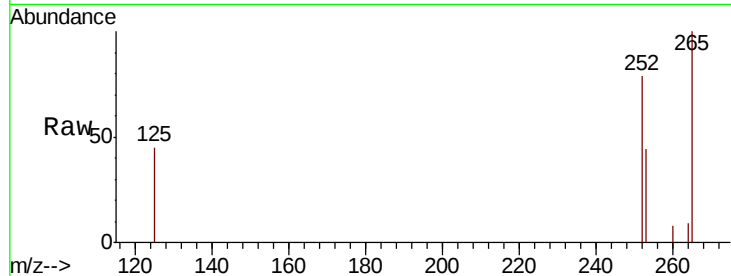
#22
Benzo(k)fluoranthene
Concen: 0.081 ng/ul m
RT: 22.75 min Scan# 5223
Delta R.T. -0.00 min
Lab File: BN012352.D
Acq: 19 Oct 2020 15:32

Instrument :
BNA_N
ClientSampled :
JLX61

Tot Ion	Ratio	Lower	Upper
252	100		
253	56.0	22.2	33.4#
125	57.6	11.0	16.4#

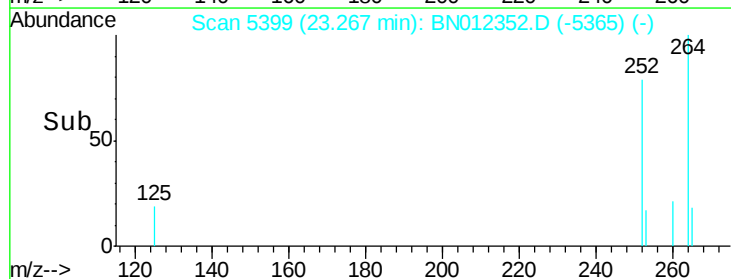
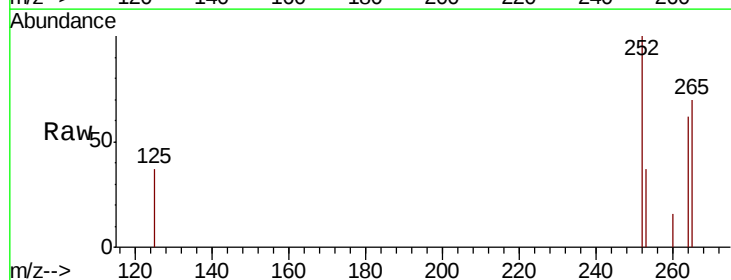
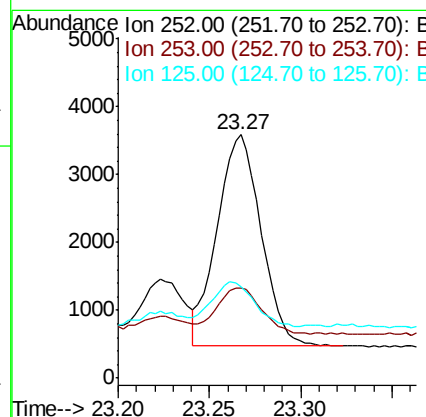
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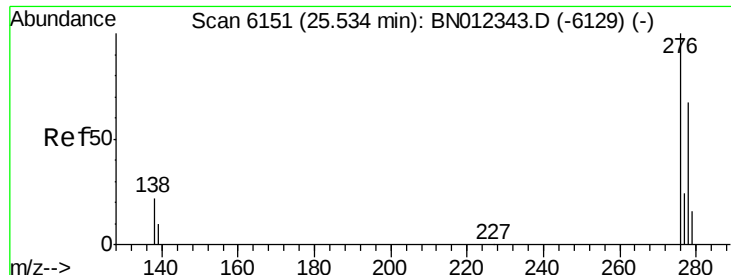
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#23
Benzo(a)pyrene
Concen: 0.242 ng/ul
RT: 23.27 min Scan# 5399
Delta R.T. 0.00 min
Lab File: BN012352.D
Acq: 19 Oct 2020 15:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.8	23.8	35.6#
125	37.5	19.3	28.9#





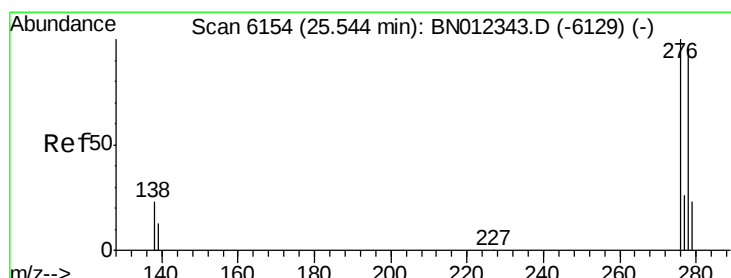
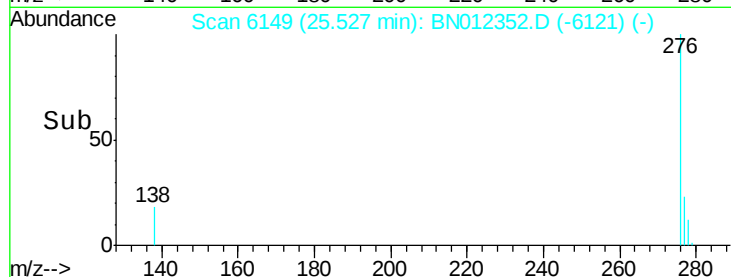
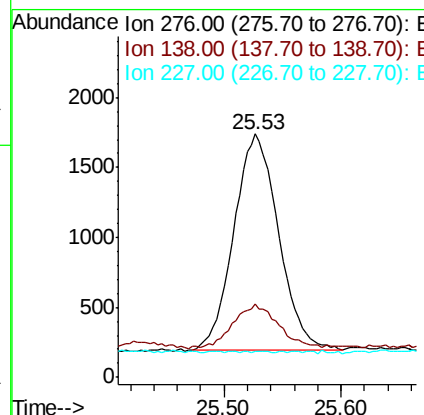
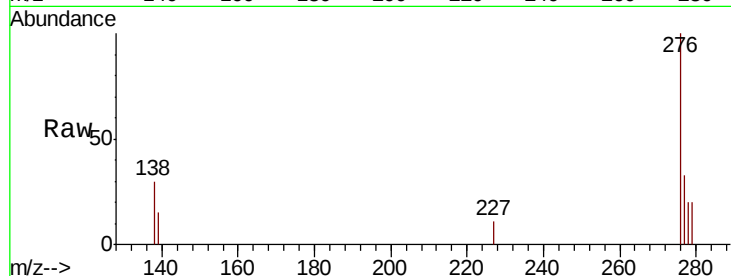
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng/uL
RT: 25.53 min Scan# 6149
Delta R.T. -0.01 min
Lab File: BN012352.D
Acq: 19 Oct 2020 15:32

Instrument :
BNA_N
ClientSampleId :
JLX61

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	17.0	25.6
227	0.2	0.1	0.1#

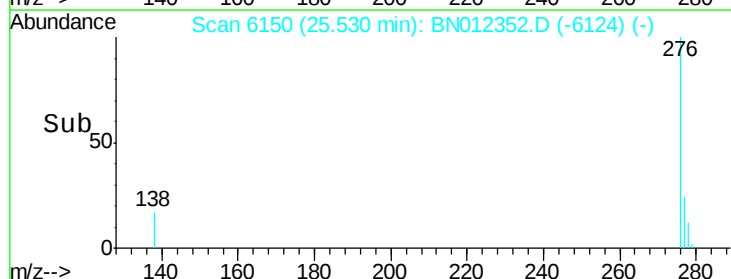
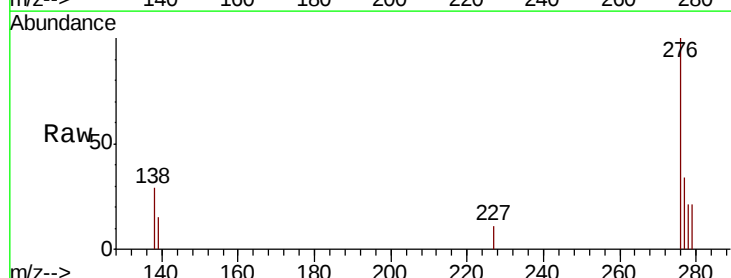
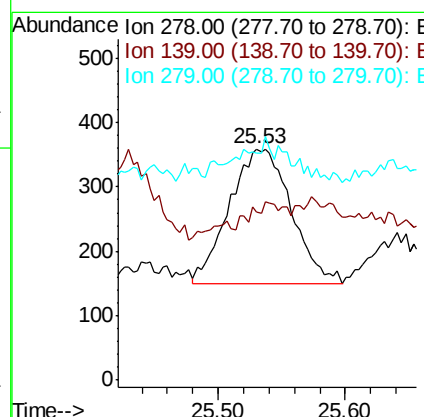
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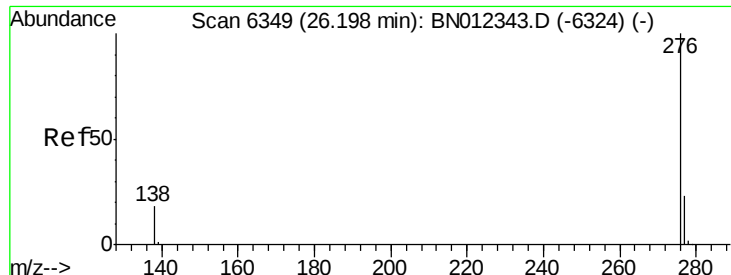
Sohil
10/20/2020 9:35:53 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.032 ng/uL
RT: 25.53 min Scan# 6150
Delta R.T. -0.01 min
Lab File: BN012352.D
Acq: 19 Oct 2020 15:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	72.7	13.8	20.8#
279	98.3	23.8	35.8#





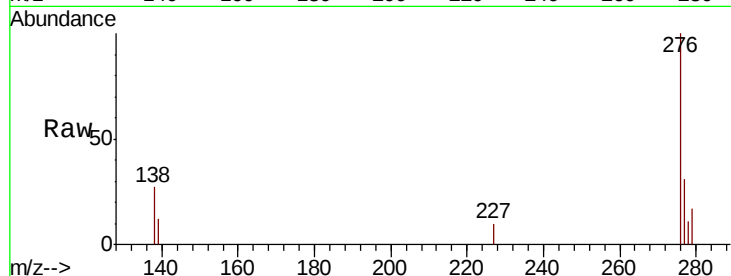
#26
 Benzo(a,h,i)perylene
 Concen: 0.215 ng/ul
 RT: 26.19 min Scan# 6347
 Delta R.T. -0.01 min
 Lab File: BN012352.D
 Acq: 19 Oct 2020 15:32

Instrument :
 BNA_N
 ClientSampleId :
 J LX61

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	16.6	24.8#
277	31.2	20.7	31.1#

Manual Integrations
 APPROVED

Sohil
 10/20/2020 9:35:53 AM



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

