

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
 Data File : BN012350.D
 Acq On : 19 Oct 2020 14:20
 Operator : CG/JU
 Sample : L4326-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLX60

Manual Integrations
 APPROVED

Sohil
 10/20/2020 9:35:48 AM

Quant Time: Oct 19 15:09:53 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	1245	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	5376	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	3265	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	6742m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	5704	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	5445	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1894	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	4099	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	8596	0.554	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	1494	0.152	ng/ul	97
7) Acenaphthylene	13.95	152	84318	5.954	ng/ul	99
8) Acenaphthene	14.30	153	26858	2.243	ng/ul	99
9) Fluorene	15.29	166	20284	1.522	ng/ul	97
12) Phenanthrene	17.03	178	134920	6.278	ng/ul	98
13) Anthracene	17.12	178	83875	4.550	ng/ul	98
15) Fluoranthene	19.05	202	763368	30.377	ng/ul	100
17) Pyrene	19.42	202	982380	38.199	ng/ul	99
18) Benzo(a)anthracene	21.17	228	373528m	17.679	ng/ul	
19) Chrysene	21.22	228	408237	15.860	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	523317m	23.795	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	170414m	7.000	ng/ul	
23) Benzo(a)pyrene	23.27	252	488892	22.851	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.53	276	349828	12.727	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.53	278	59655	2.713	ng/ul	93
26) Benzo(a,h,i)perylene	26.19	276	335956	13.335	ng/ul	97

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

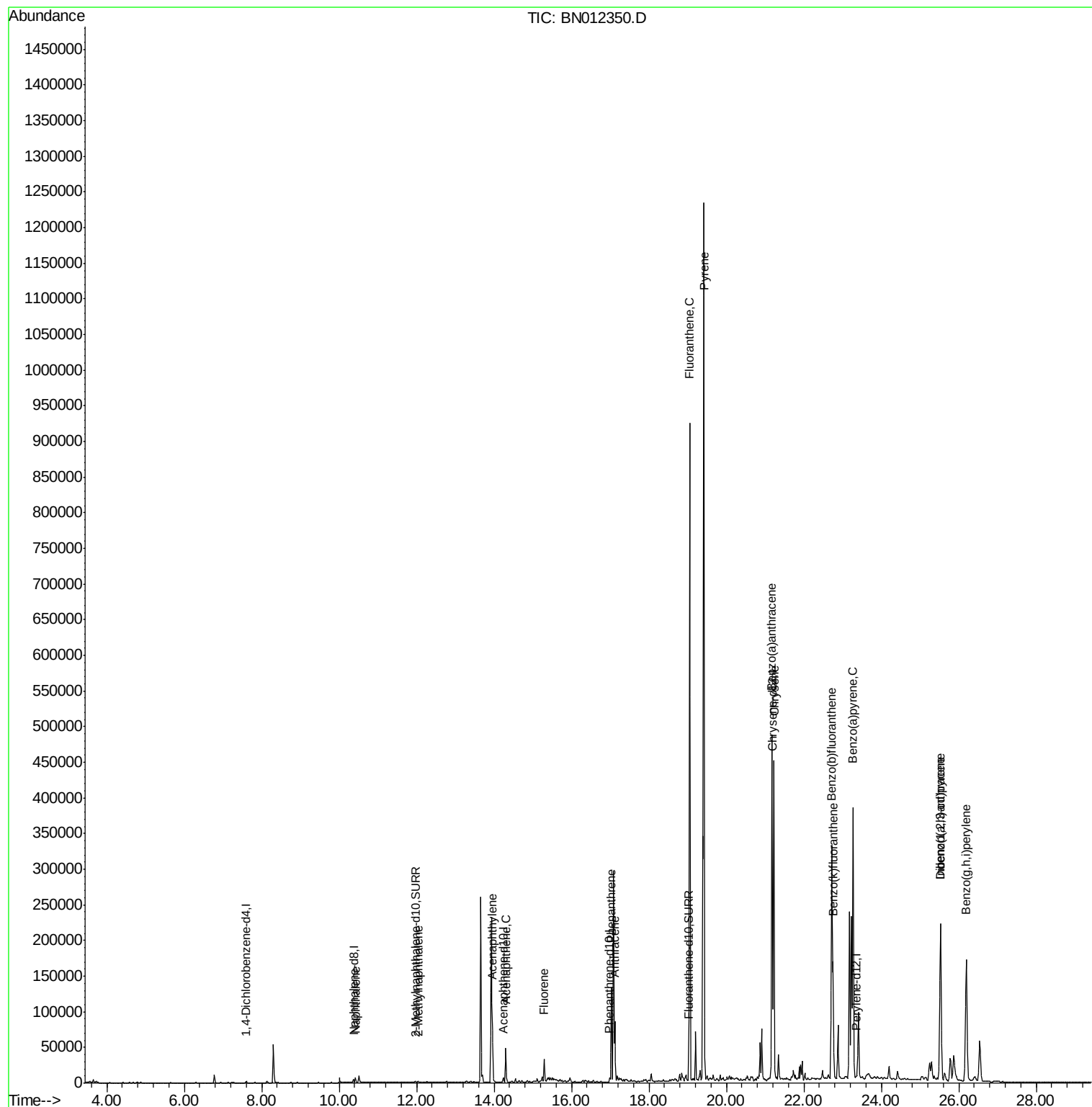
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
Data File : BN012350.D
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Sample : L4326-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

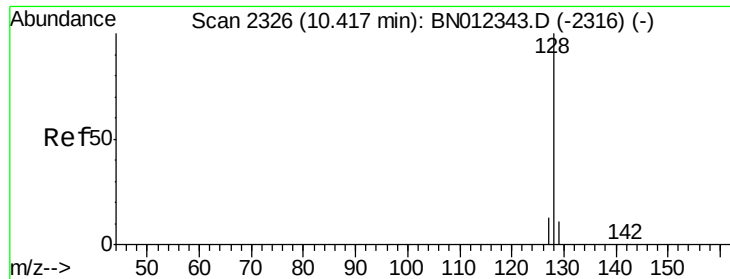
Instrument :
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JLX60

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Quant Time: Oct 19 15:09:53 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





#3

Naphthalene

Concen: 0.554 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BN012350.D

Acq: 19 Oct 2020 14:20

Instrument :

BNA_N

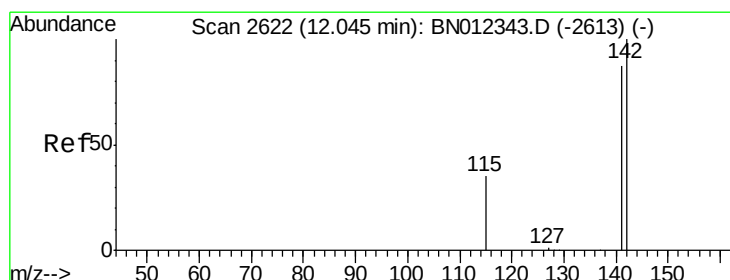
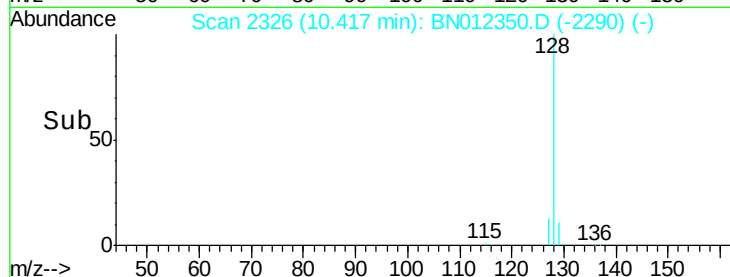
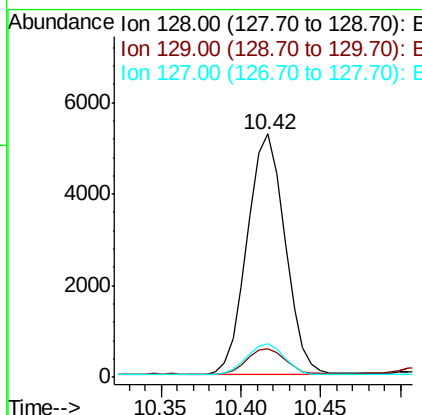
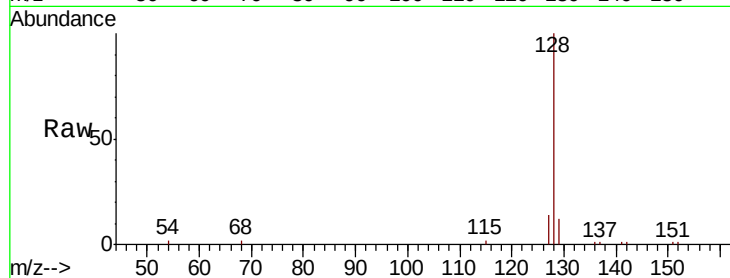
ClientSampled :

JLX60

Tot Ion:	128	Resp:	8596
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.8	14.6
127	13.7	11.4	17.2

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#5

2-Methylnaphthalene

Concen: 0.152 ng/ul

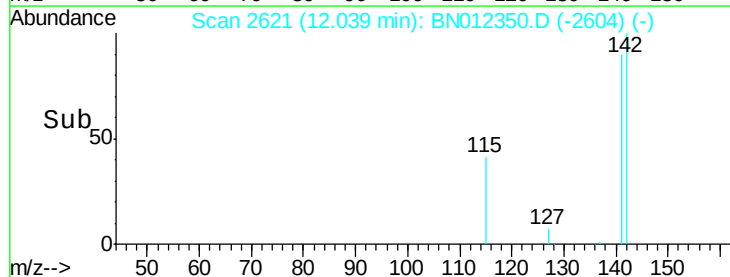
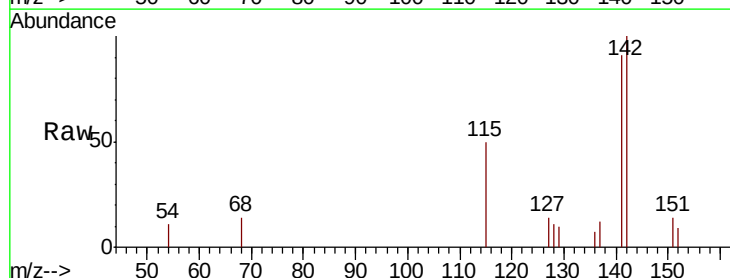
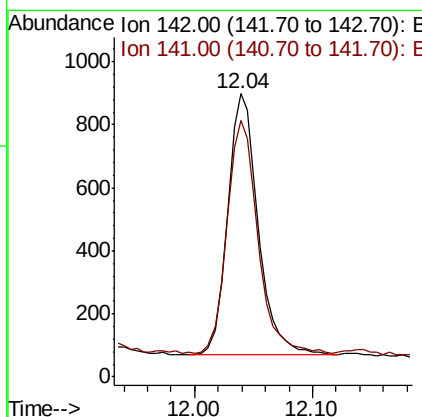
RT: 12.04 min Scan# 2621

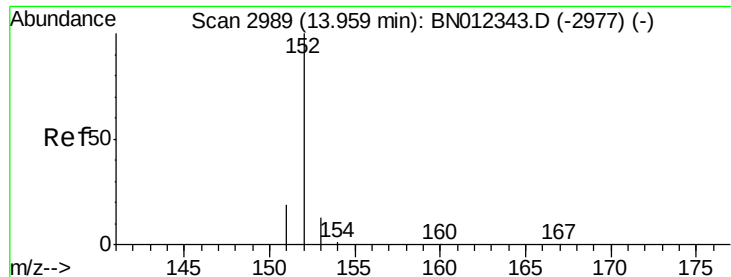
Delta R.T. -0.01 min

Lab File: BN012350.D

Acq: 19 Oct 2020 14:20

Tgt Ion:	142	Resp:	1494
Ion Ratio	Lower	Upper	
142	100		
141	91.0	70.8	106.2





#7

Acenaphthylene

Concen: 5.954 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN012350.D

Acq: 19 Oct 2020 14:20

Instrument :

BNA_N

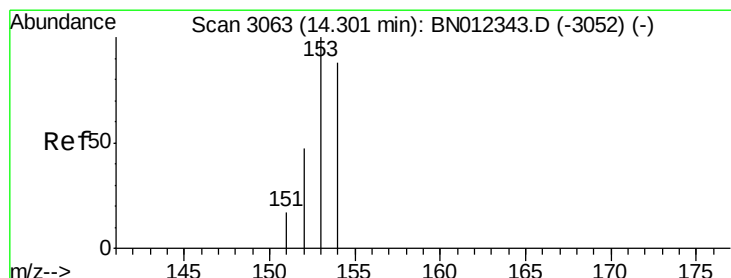
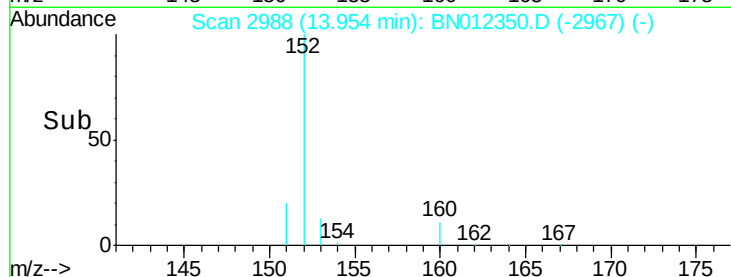
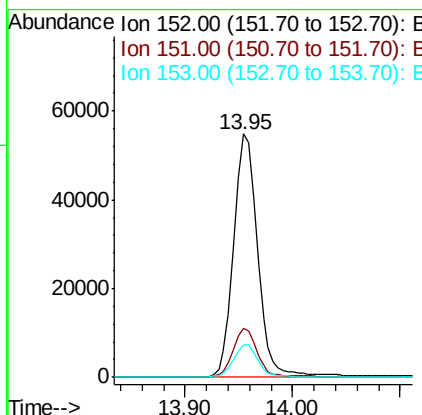
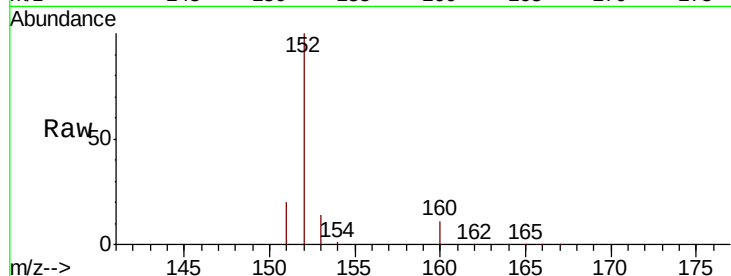
ClientSampleId :

JLX60

Tot Ion:	152	Resp:	84318
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.6	24.8
153	13.5	11.4	17.0

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#8

Acenaphthene

Concen: 2.243 ng/ul

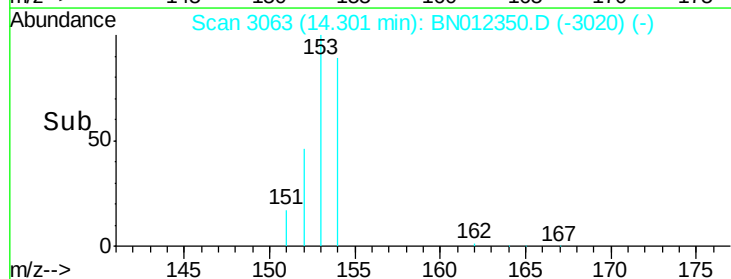
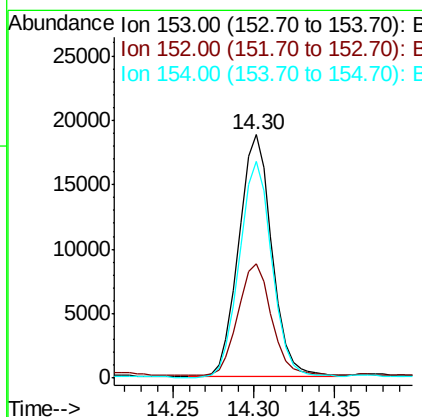
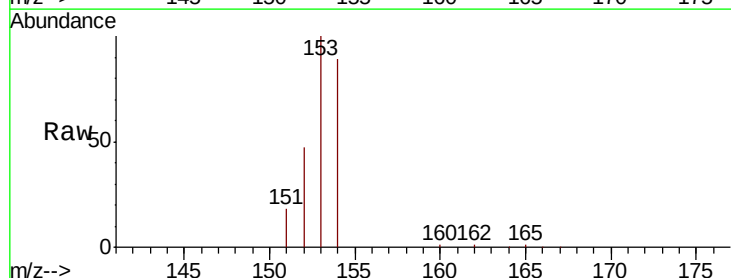
RT: 14.30 min Scan# 3063

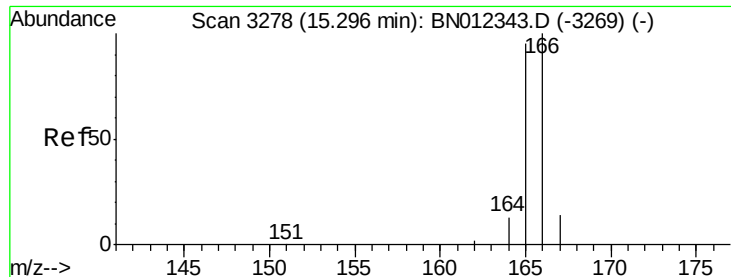
Delta R.T. -0.00 min

Lab File: BN012350.D

Acq: 19 Oct 2020 14:20

Tgt Ion:	153	Resp:	26858
Ion Ratio	Lower	Upper	
153	100		
152	47.0	38.5	57.7
154	89.1	70.7	106.1





#9

Fluorene

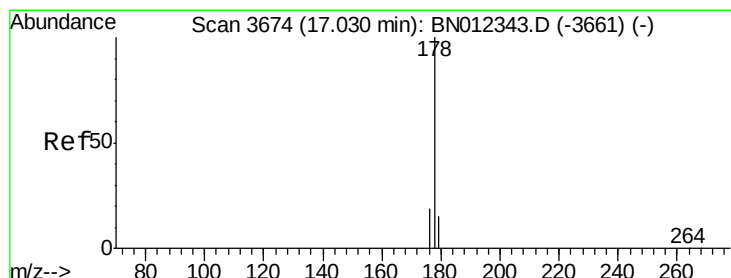
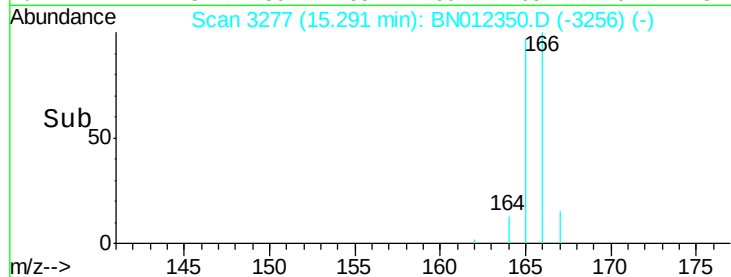
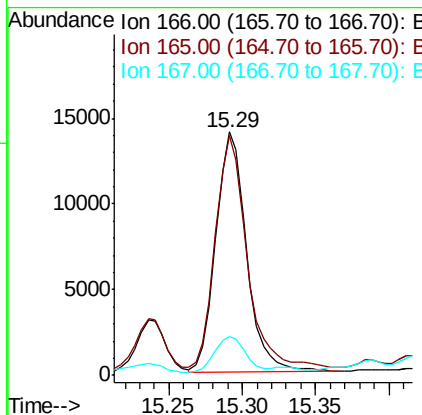
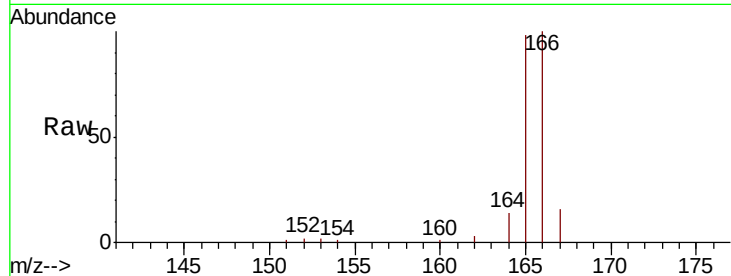
Concen: 1.522 ng/ul
RT: 15.29 min Scan# 3277
Delta R.T. -0.00 min
Lab File: BN012350.D
Acq: 19 Oct 2020 14:20

Instrument :
BNA_N
ClientSampleId :
JLX60

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	76.3	114.5
167	16.1	12.0	18.0

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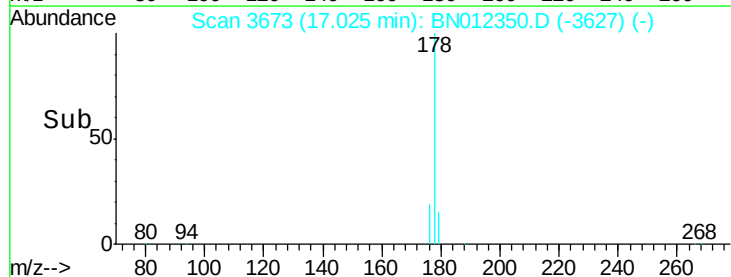
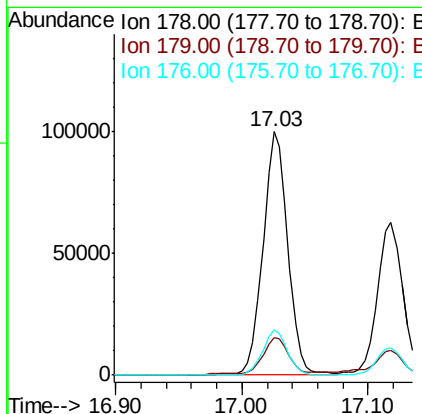
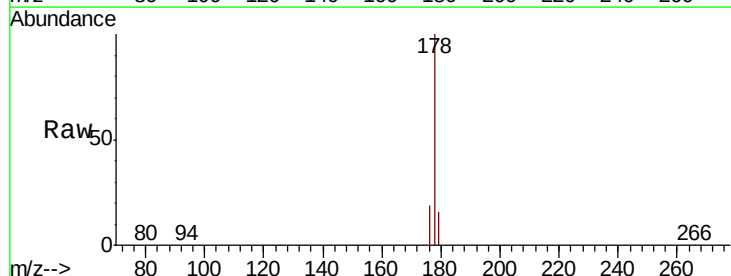


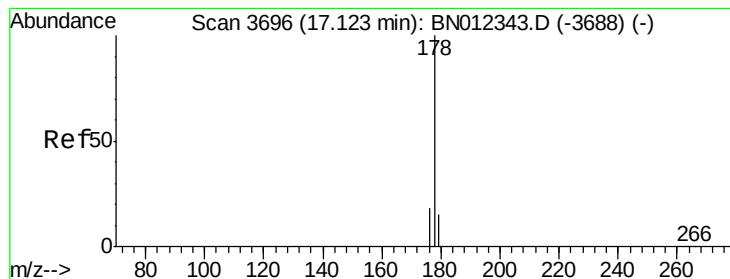
#12

Phenanthrene

Concen: 6.278 ng/ul
RT: 17.03 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BN012350.D
Acq: 19 Oct 2020 14:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.1	19.7
176	18.7	15.8	23.8





#13

Anthracene

Concen: 4.550 ng/ul

RT: 17.12 min Scan# 3695

Delta R.T. -0.00 min

Lab File: BN012350.D

Acq: 19 Oct 2020 14:20

Instrument :

BNA_N

ClientSampleId :

JLX60

Tot Ion:178 Resp: 83875

Ion Ratio Lower Upper

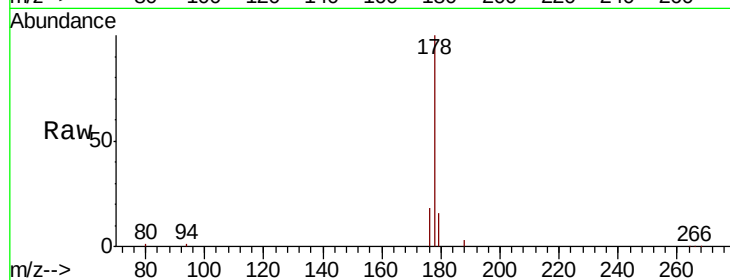
178 100

179 16.1 13.1 19.7

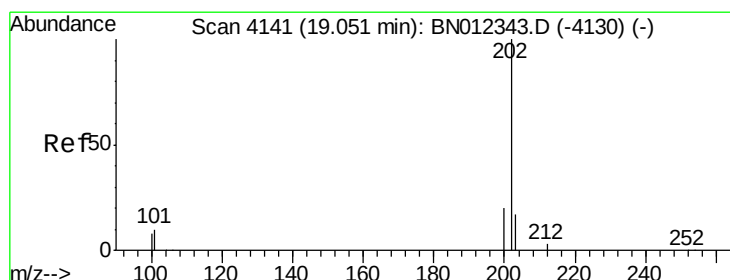
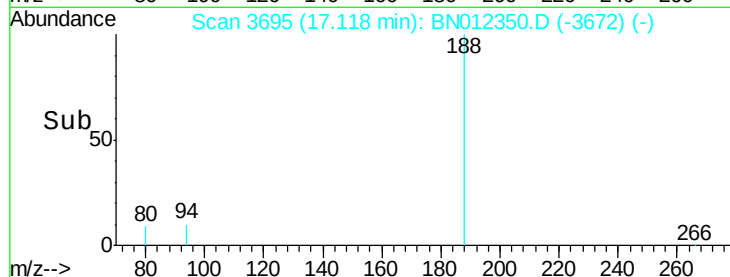
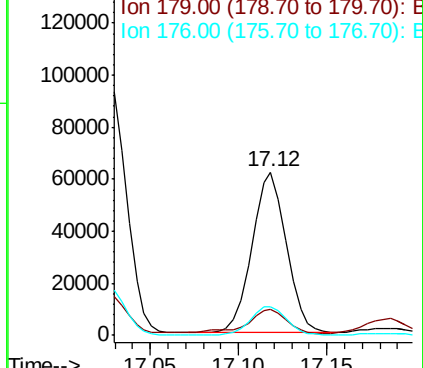
176 17.9 15.4 23.2

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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: 30.377 ng/ul

RT: 19.05 min Scan# 4141

Delta R.T. -0.00 min

Lab File: BN012350.D

Acq: 19 Oct 2020 14:20

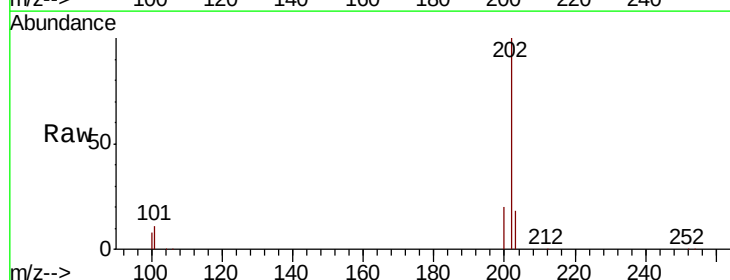
Tgt Ion:202 Resp: 763368

Ion Ratio Lower Upper

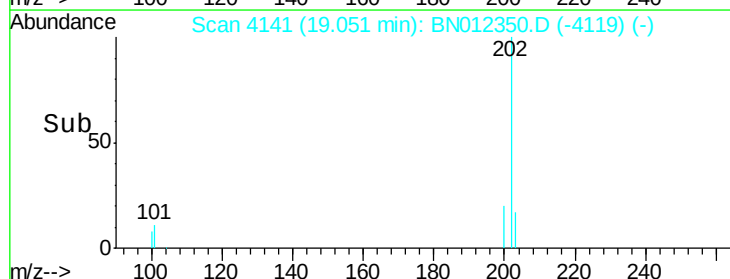
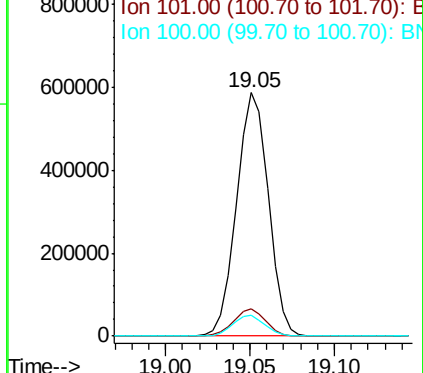
202 100

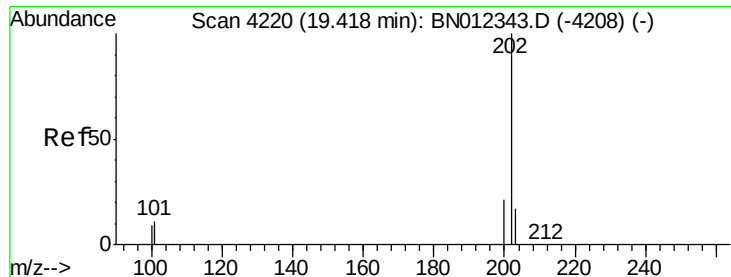
101 11.2 0.0 31.1

100 8.5 0.0 28.7



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

Pvrene

Concen: 38.199 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. -0.00 min

Lab File: BN012350.D

Acq: 19 Oct 2020 14:20

Instrument :

BNA_N

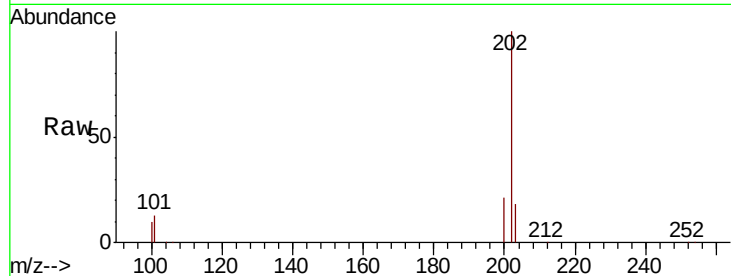
ClientSampled :

JLX60

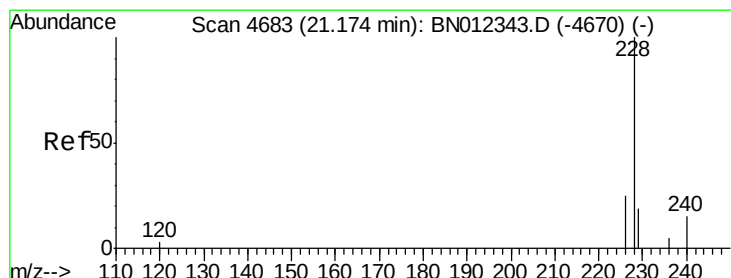
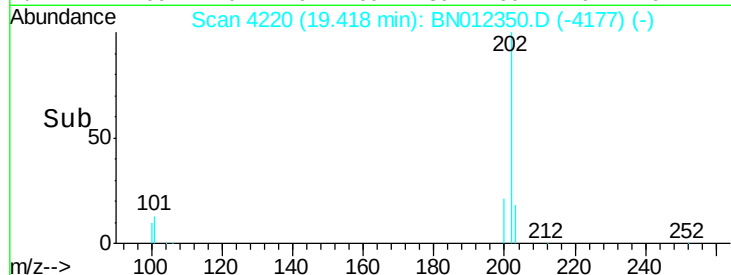
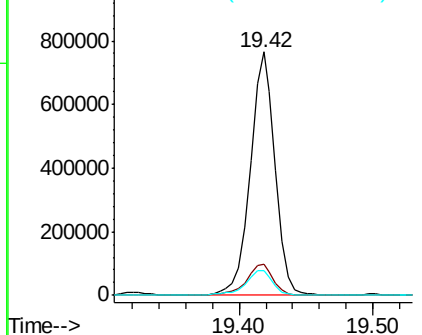
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	9.6	14.4
100	10.2	7.8	11.8

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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



#18

Benzo(a)anthracene

Concen: 17.679 ng/ul m

RT: 21.17 min Scan# 4682

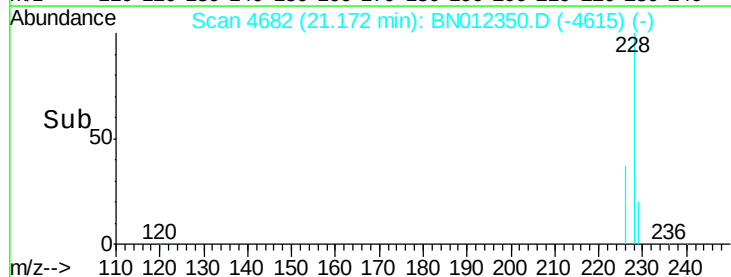
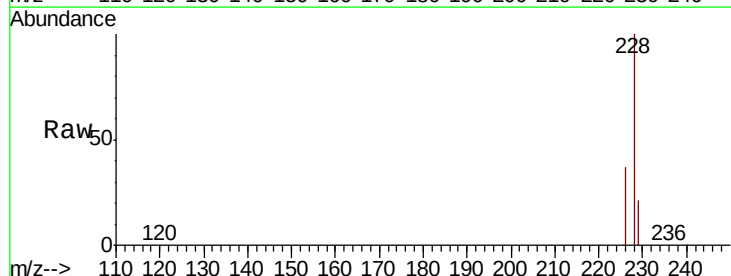
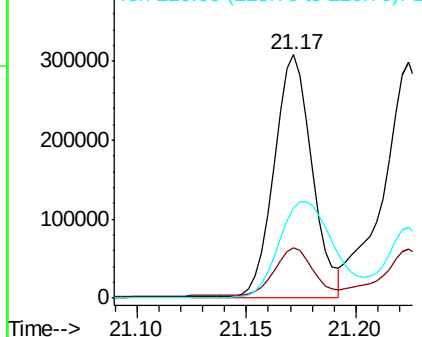
Delta R.T. -0.00 min

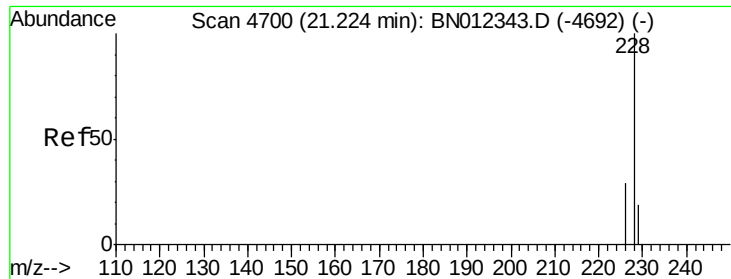
Lab File: BN012350.D

Acq: 19 Oct 2020 14:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	16.2	24.4
226	36.9	21.2	31.8#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 15.860 ng/ul

RT: 21.22 min Scan# 4700

Delta R.T. -0.00 min

Lab File: BN012350.D

Acq: 19 Oct 2020 14:20

Instrument :

BNA_N

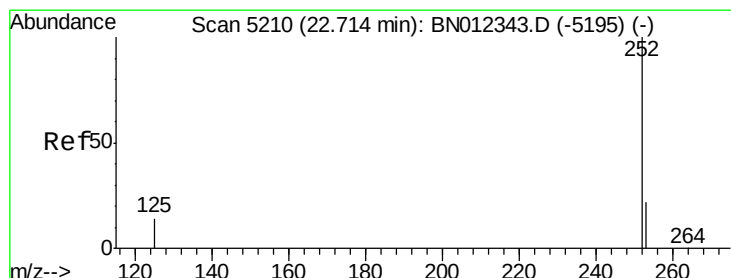
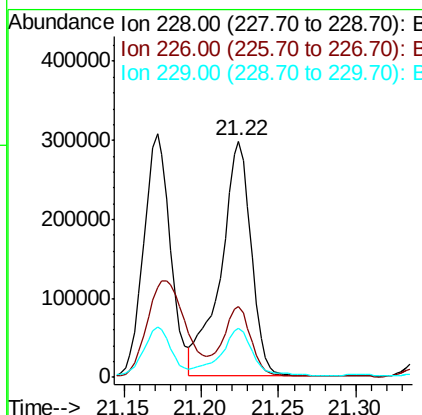
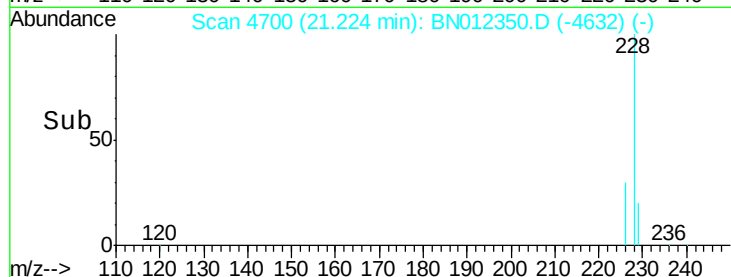
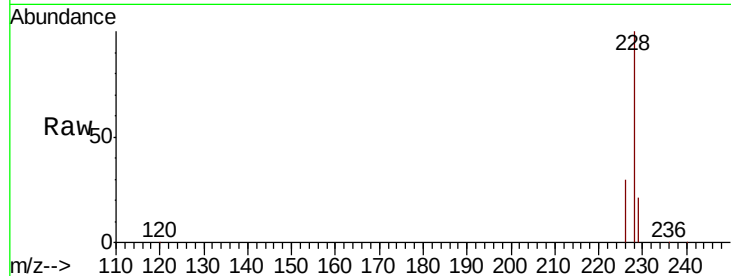
ClientSampleId :

JLX60

Tot Ion:	228	Resp:	408237
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.8	35.6
229	20.8	15.8	23.8

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#21

Benzo(b)fluoranthene

Concen: 23.795 ng/ul m

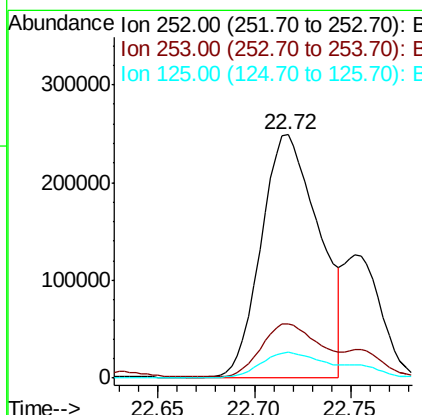
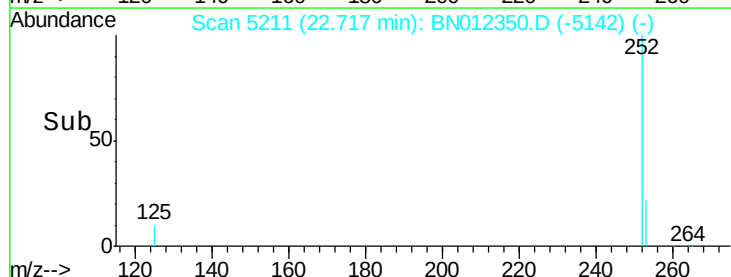
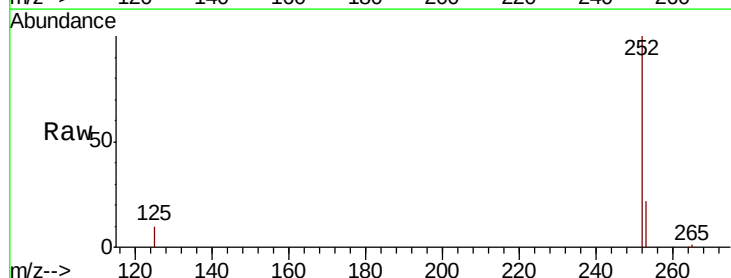
RT: 22.72 min Scan# 5211

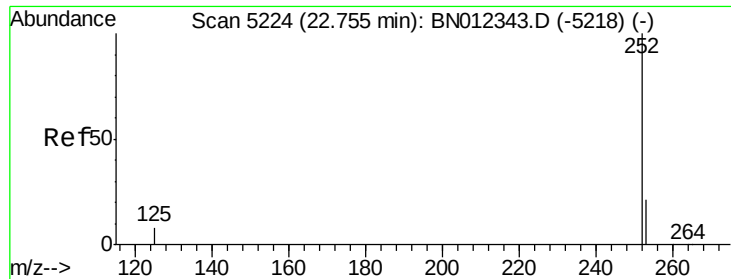
Delta R.T. 0.00 min

Lab File: BN012350.D

Acq: 19 Oct 2020 14:20

Tgt Ion:	252	Resp:	523317
Ion Ratio	Lower	Upper	
252	100		
253	22.3	0.0	56.4
125	10.5	0.0	37.8





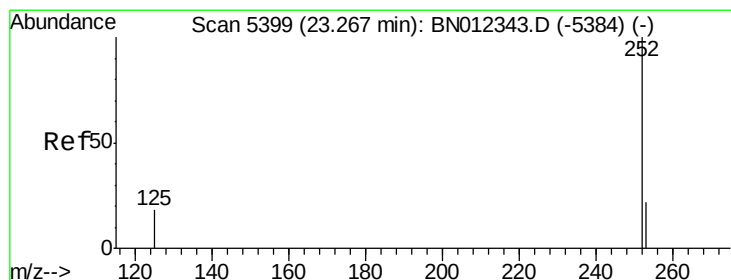
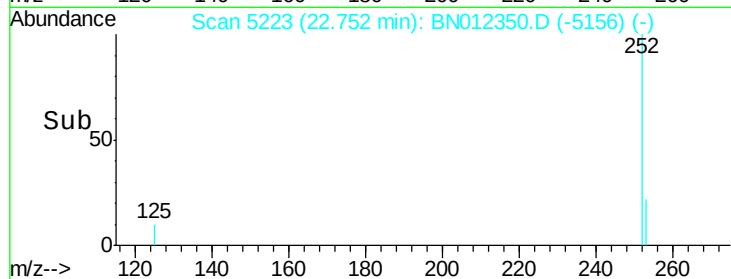
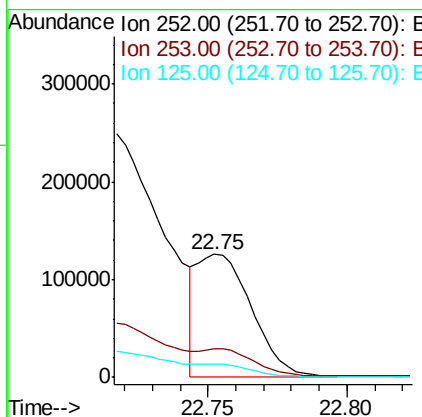
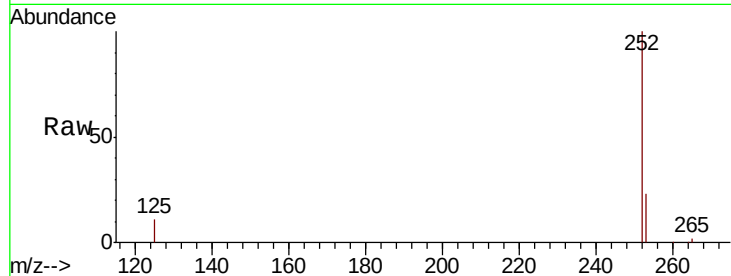
#22
Benzo(k)fluoranthene
Concen: 7.000 ng/ul m
RT: 22.75 min Scan# 5223
Delta R.T. -0.00 min
Lab File: BN012350.D
Acq: 19 Oct 2020 14:20

Instrument :
BNA_N
ClientSampleId :
JLX60

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	22.2	33.4
125	10.6	11.0	16.4

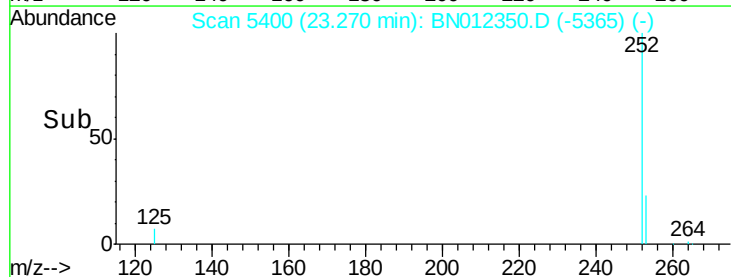
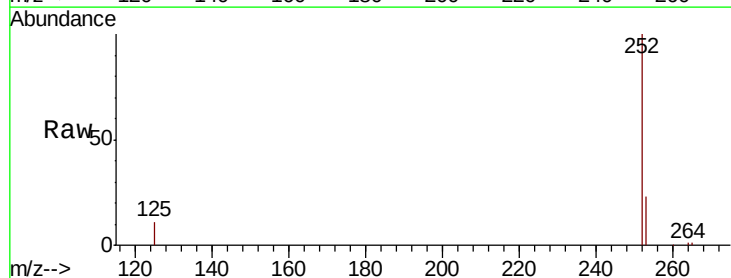
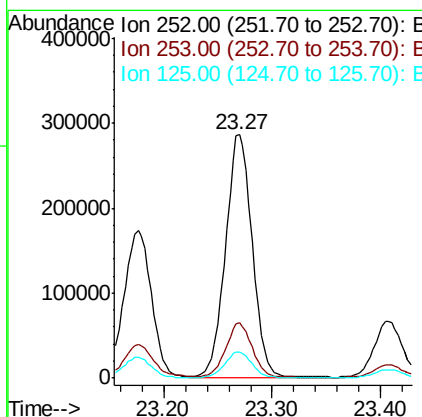
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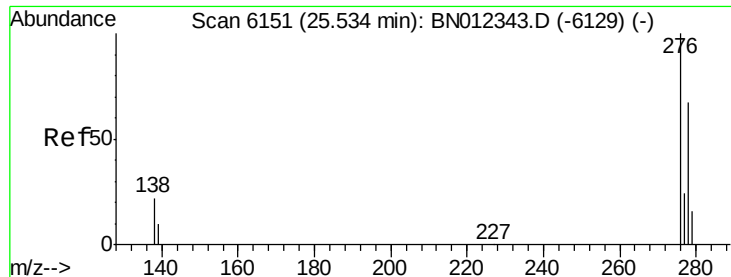
Sohil
10/20/2020 9:35:48 AM



#23
Benzo(a)pyrene
Concen: 22.851 ng/ul
RT: 23.27 min Scan# 5400
Delta R.T. 0.00 min
Lab File: BN012350.D
Acq: 19 Oct 2020 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	23.8	35.6
125	10.8	19.3	28.9





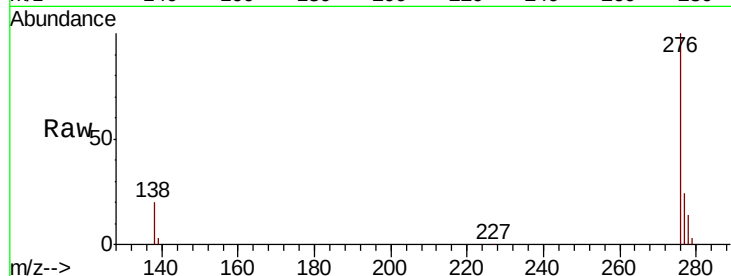
#24
Indeno(1,2,3-cd)pyrene
Concen: 12.727 ng/ul
RT: 25.53 min Scan# 6149
Delta R.T. -0.01 min
Lab File: BN012350.D
Acq: 19 Oct 2020 14:20

Instrument :
BNA_N
ClientSampleId :
JLX60

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.0	25.6
227	0.1	0.1	0.1#

Manual Integrations
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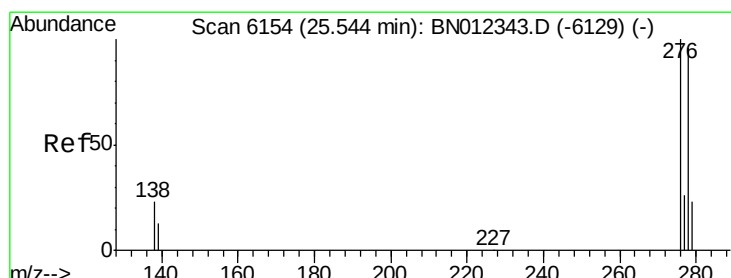
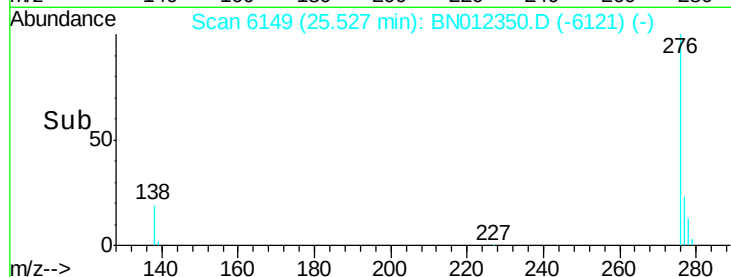
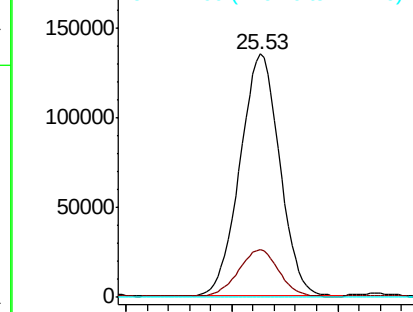


Abundance

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



#25
Dibenzo(a,h)anthracene
Concen: 2.713 ng/ul
RT: 25.53 min Scan# 6150
Delta R.T. -0.01 min
Lab File: BN012350.D
Acq: 19 Oct 2020 14:20

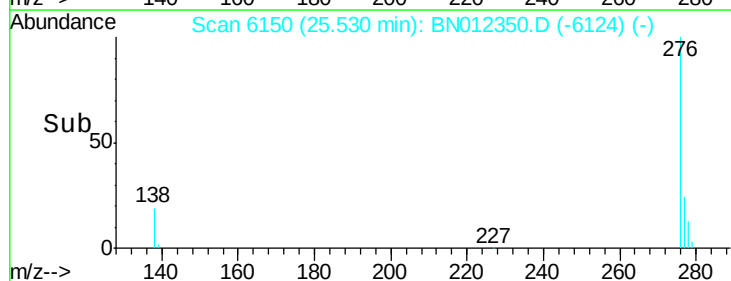
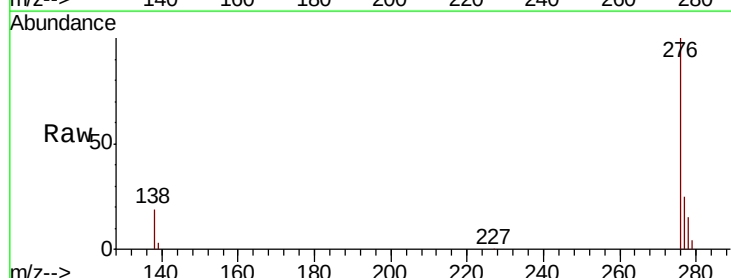
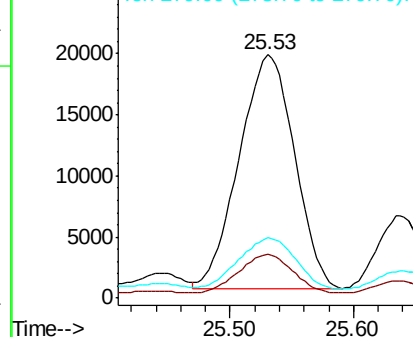
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.8	20.8
279	24.9	23.8	35.8

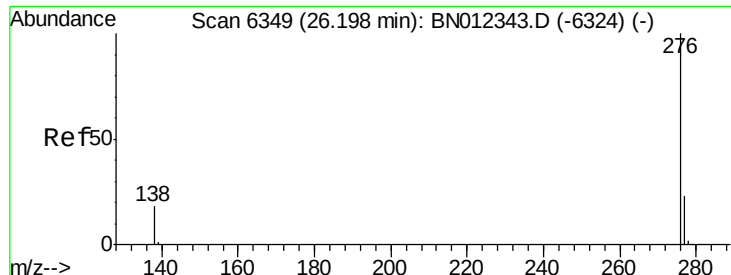
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





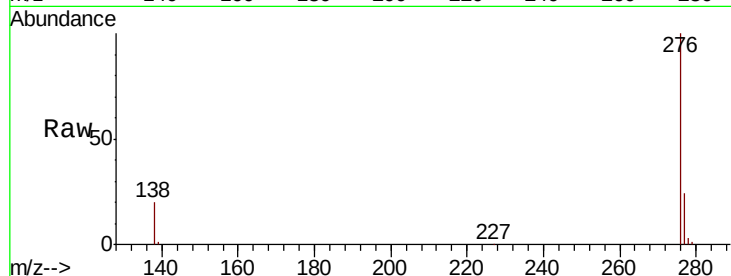
#26
 Benzo(a,h,i)perylene
 Concen: 13.335 ng/ul
 RT: 26.19 min Scan# 6348
 Delta R.T. -0.00 min
 Lab File: BN012350.D
 Acq: 19 Oct 2020 14:20

Instrument :
 BNA_N
 ClientSampleId :
 J LX60

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.6	24.8
277	23.6	20.7	31.1

Manual Integrations
 APPROVED

Sohil
 10/20/2020 9:35:48 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

