

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
 Data File : BN012348.D
 Acq On : 19 Oct 2020 13:09
 Operator : CG/JU
 Sample : L4308-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AP6

Manual Integrations
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Sohil
 10/20/2020 9:35:43 AM

Quant Time: Oct 19 14:00:57 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	7.59	152	1153	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	4908	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	2853	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	5968	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	6075	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	6107	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1383	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	3284	0.20	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	1831	0.129	ng/ul#	95
5) 2-Methylnaphthalene	12.04	142	556	0.062	ng/ul	100
7) Acenaphthylene	13.95	152	4596	0.371	ng/ul	99
8) Acenaphthene	14.30	153	5432	0.519	ng/ul	99
9) Fluorene	15.29	166	7933	0.681	ng/ul	99
12) Phenanthrene	17.03	178	201353	10.584	ng/ul	98
13) Anthracene	17.12	178	38381	2.352	ng/ul	98
15) Fluoranthene	19.05	202	505658	22.731	ng/ul	98
17) Pyrene	19.42	202	384790	14.049	ng/ul	98
18) Benzo(a)anthracene	21.17	228	218418	9.707	ng/ul	99
19) Chrysene	21.22	228	249179	9.089	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	351880m	14.265	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	124849m	4.573	ng/ul	
23) Benzo(a)pyrene	23.27	252	200323	8.348	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.53	276	159066	5.160	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.53	278	40601	1.646	ng/ul	96
26) Benzo(a,h,i)perylene	26.19	276	133281	4.717	ng/ul	98

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

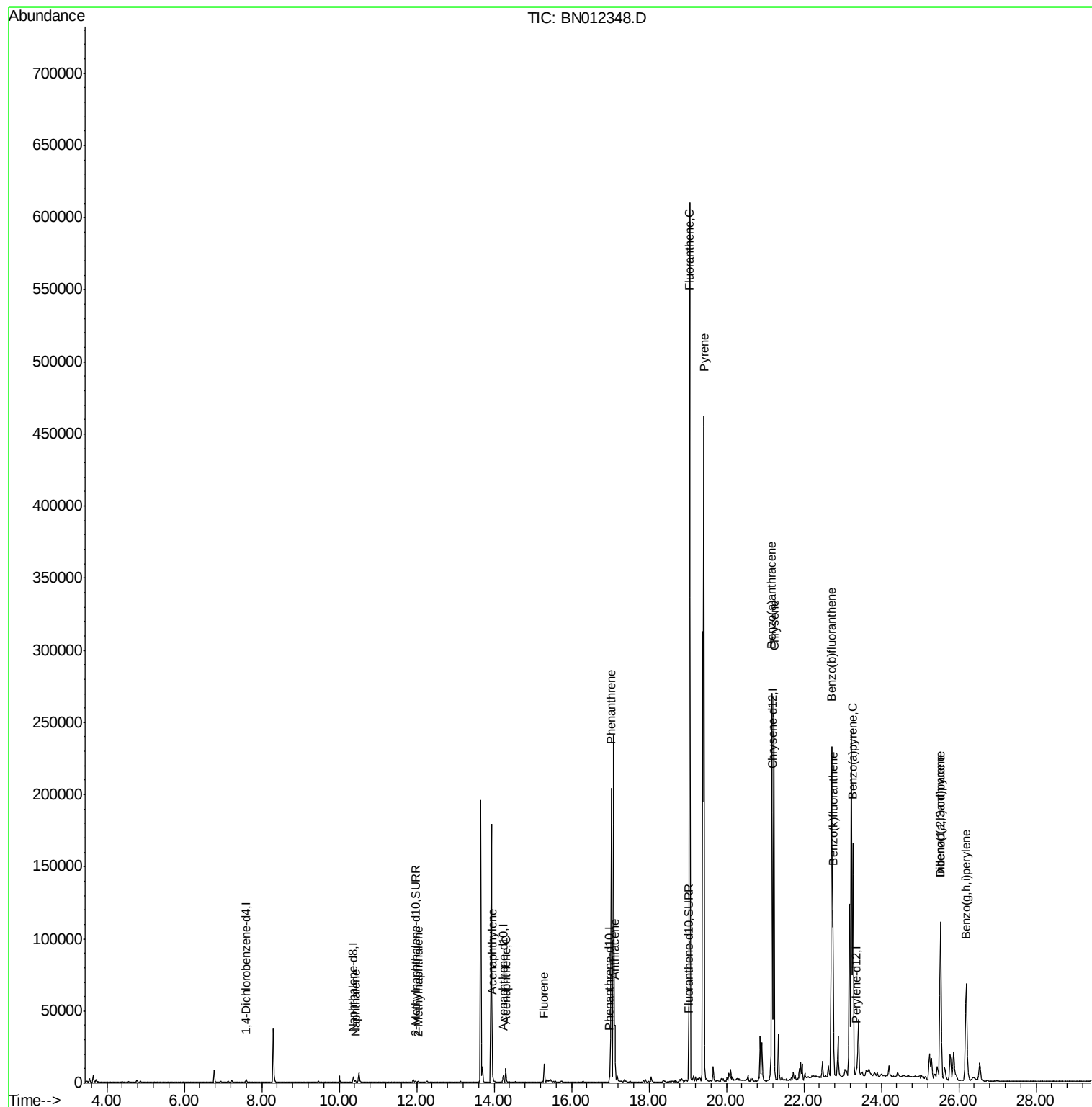
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
Data File : BN012348.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

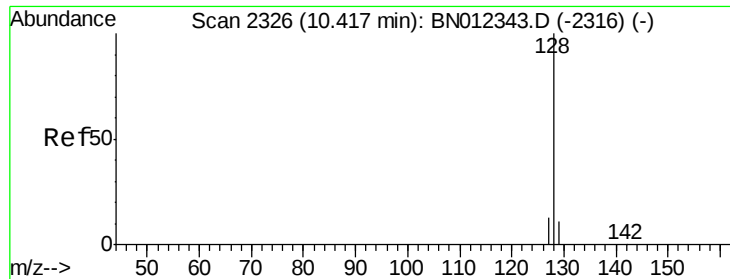
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Quant Time: Oct 19 14:00:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 19 11:52:04 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.129 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BN012348.D

Acq: 19 Oct 2020 13:09

Instrument :

BNA_N

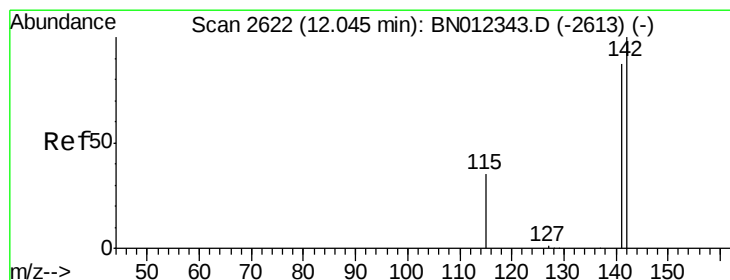
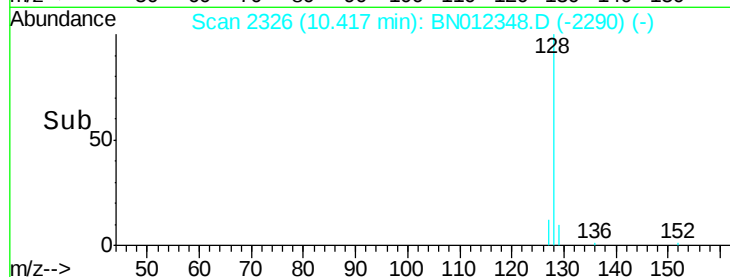
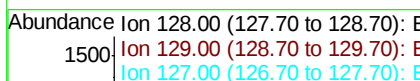
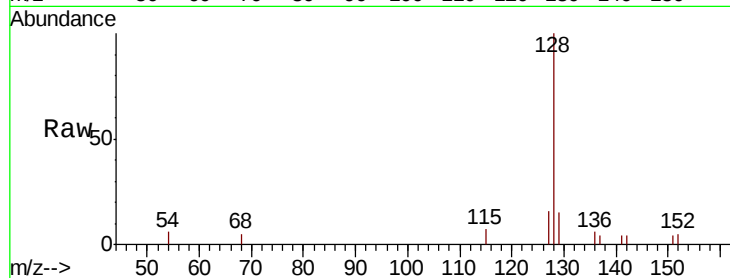
ClientSampleId :

C0AP6

Tot Ion:	128	Resp:	1831
Ion Ratio	Lower	Upper	
128	100		
129	15.0	9.8	14.6#
127	16.0	11.4	17.2

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#5

2-Methylnaphthalene

Concen: 0.062 ng/ul

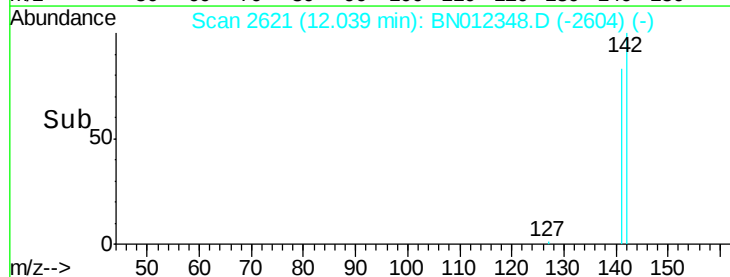
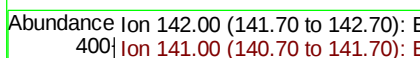
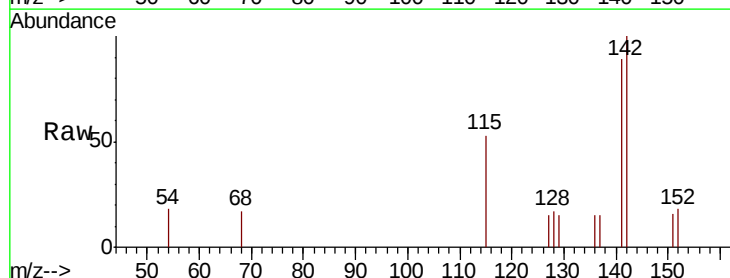
RT: 12.04 min Scan# 2621

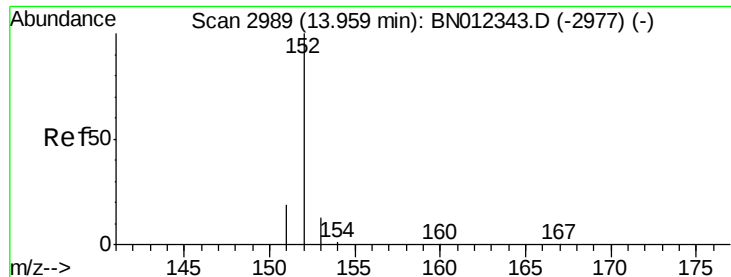
Delta R.T. -0.01 min

Lab File: BN012348.D

Acq: 19 Oct 2020 13:09

Tgt Ion:	142	Resp:	556
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.8	106.2





#7

Acenaphthylene

Concen: 0.371 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN012348.D

Acq: 19 Oct 2020 13:09

Instrument :

BNA_N

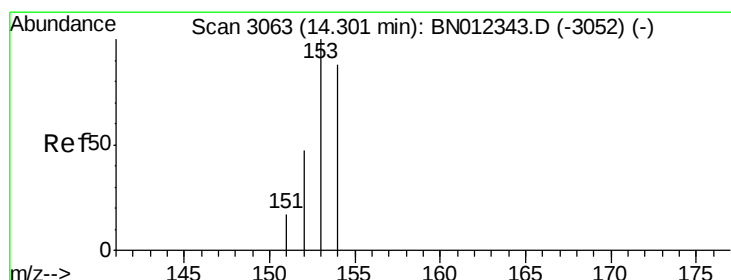
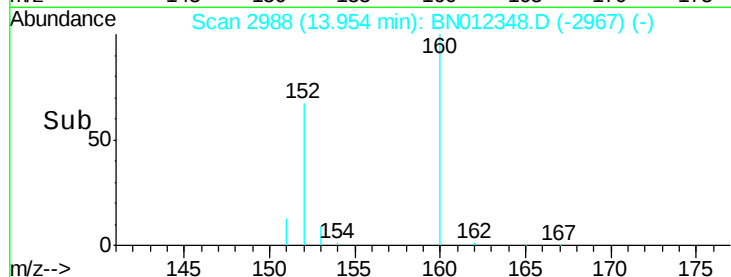
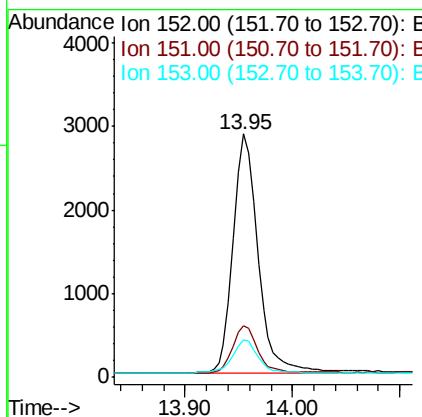
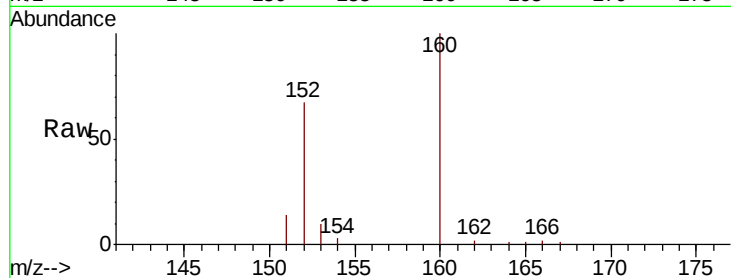
ClientSampleId :

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Tot Ion:	152	Resp:	4596
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.6	24.8
153	15.3	11.4	17.0

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#8

Acenaphthene

Concen: 0.519 ng/ul

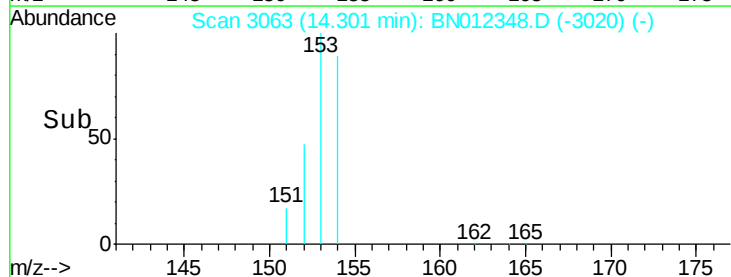
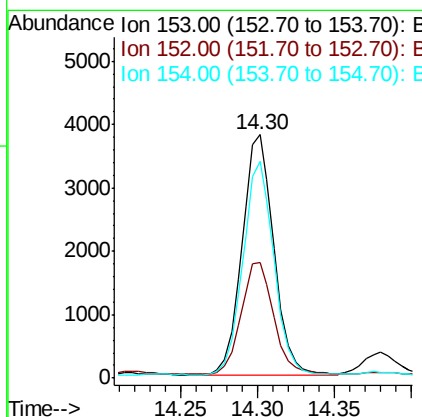
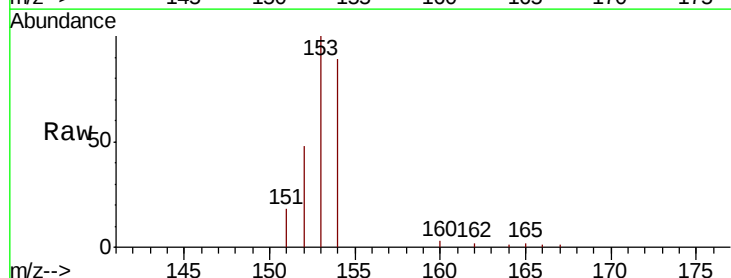
RT: 14.30 min Scan# 3063

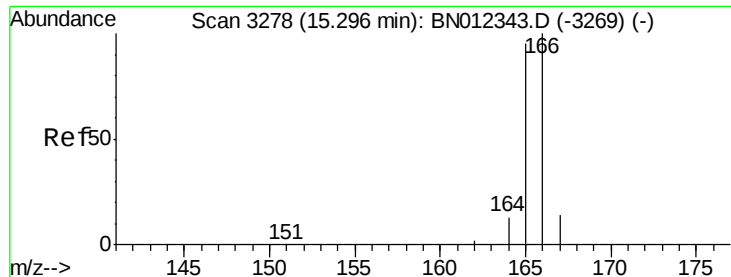
Delta R.T. 0.00 min

Lab File: BN012348.D

Acq: 19 Oct 2020 13:09

Tgt Ion:	153	Resp:	5432
Ion Ratio	Lower	Upper	
153	100		
152	47.7	38.5	57.7
154	89.0	70.7	106.1





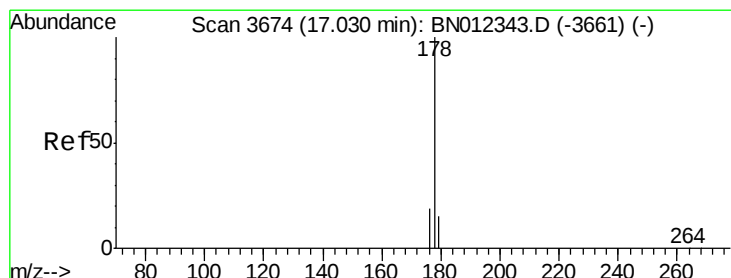
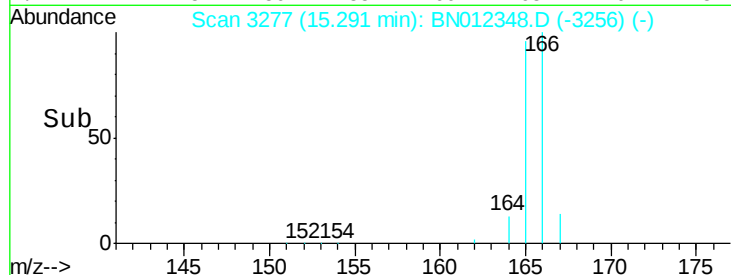
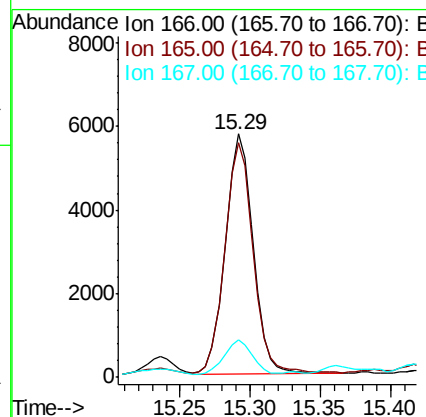
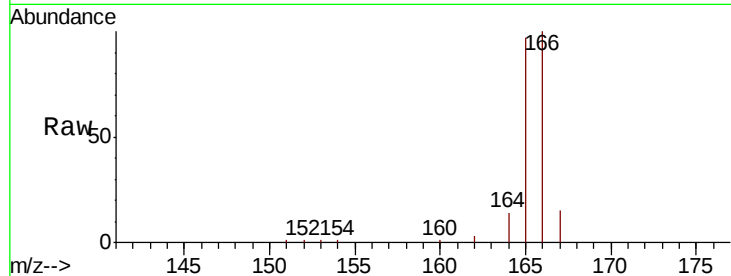
#9
Fluorene
 Concen: 0.681 ng/ul
 RT: 15.29 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: BN012348.D
 Acq: 19 Oct 2020 13:09

Instrument :
 BNA_N
 ClientSampleId :
 C0AP6

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.3	114.5
167	15.2	12.0	18.0

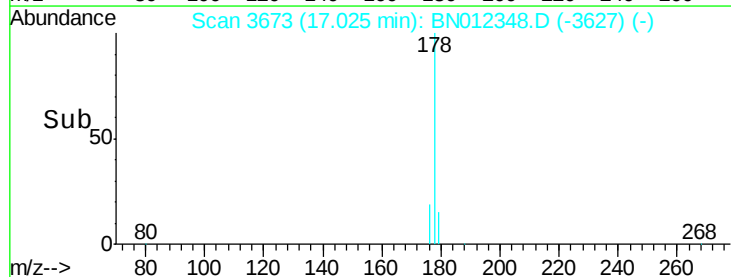
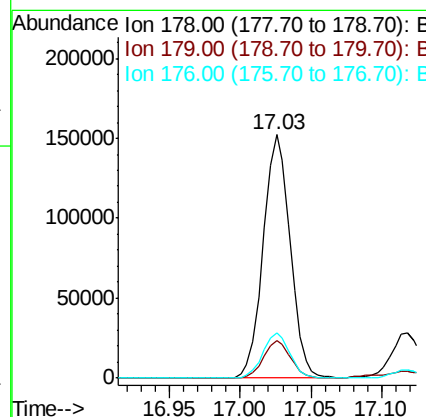
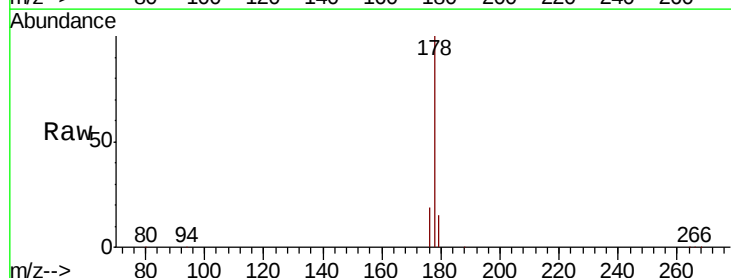
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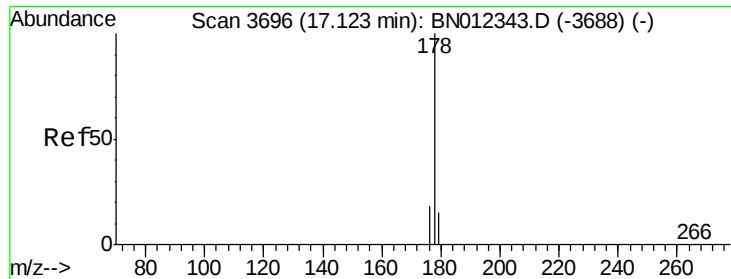
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#12
Phenanthrene
 Concen: 10.584 ng/ul
 RT: 17.03 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: BN012348.D
 Acq: 19 Oct 2020 13:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.1	19.7
176	18.6	15.8	23.8





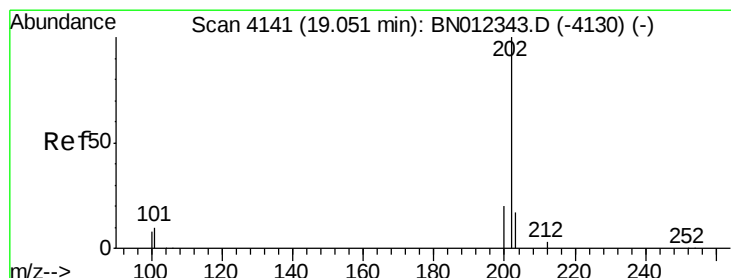
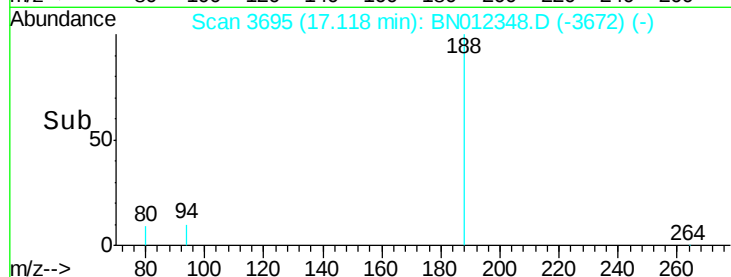
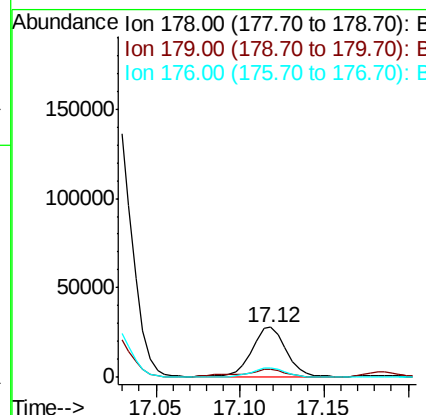
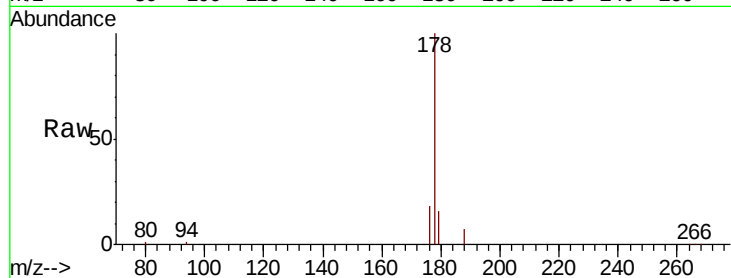
#13
 Anthracene
 Concen: 2.352 ng/ul
 RT: 17.12 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: BN012348.D
 Acq: 19 Oct 2020 13:09

Instrument :
 BNA_N
 ClientSampleId :
 C0AP6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.1	19.7
176	18.3	15.4	23.2

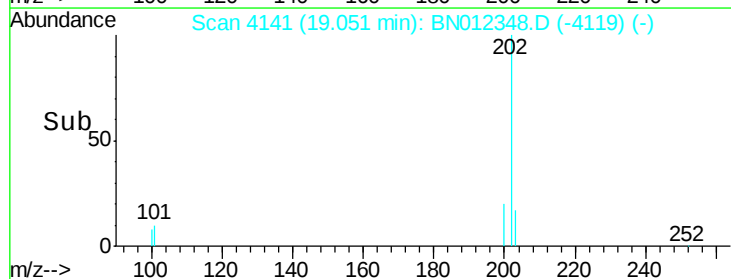
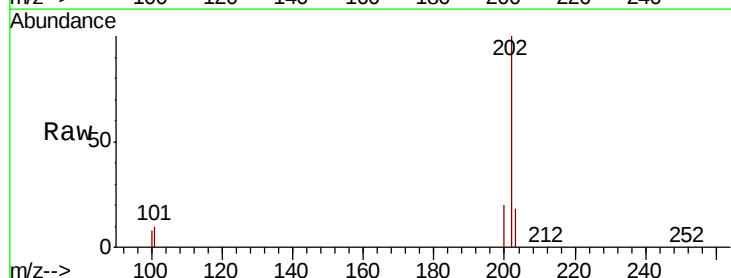
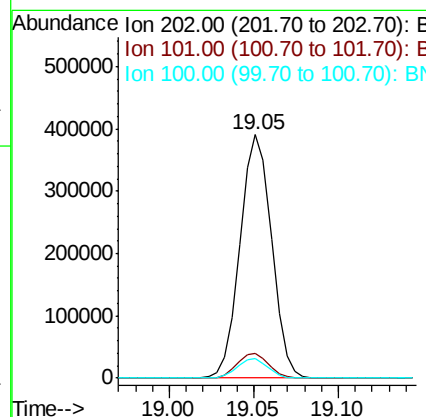
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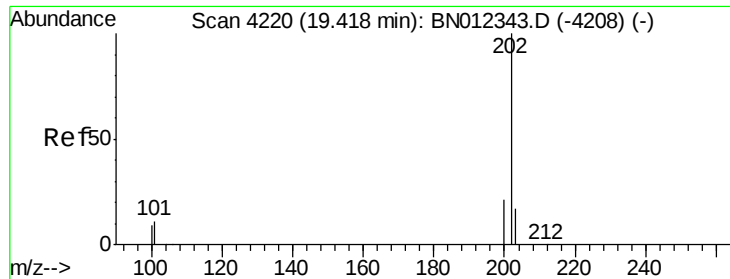
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#15
 Fluoranthene
 Concen: 22.731 ng/ul
 RT: 19.05 min Scan# 4141
 Delta R.T. 0.00 min
 Lab File: BN012348.D
 Acq: 19 Oct 2020 13:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.1
100	8.0	0.0	28.7





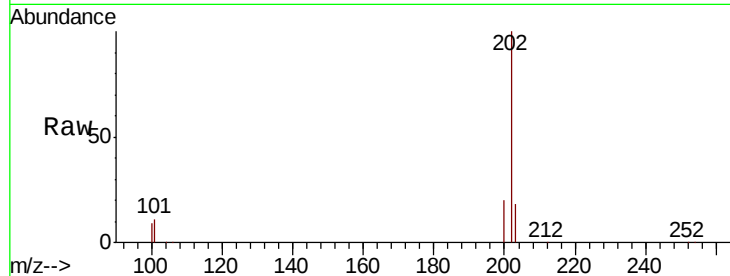
#17
Pvrene
Concen: 14.049 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN012348.D
Acq: 19 Oct 2020 13:09

Instrument :
BNA_N
ClientSampleId :
C0AP6

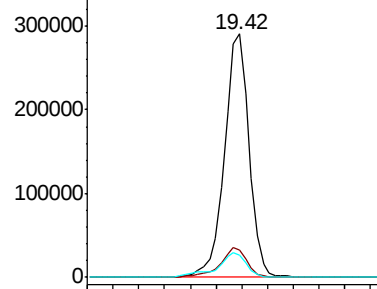
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	9.6	14.4
100	9.1	7.8	11.8

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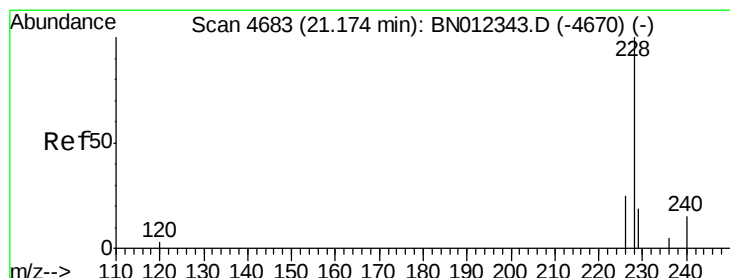
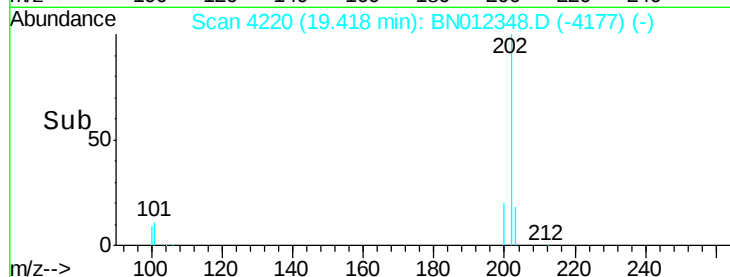
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Abundance Ion 202.00 (201.70 to 202.70): E
400000 Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



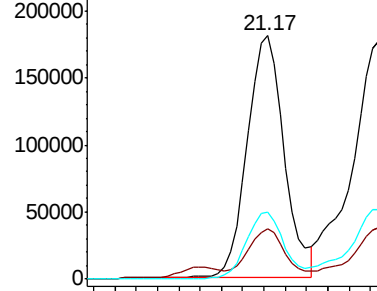
Time--> 19.30 19.40 19.50



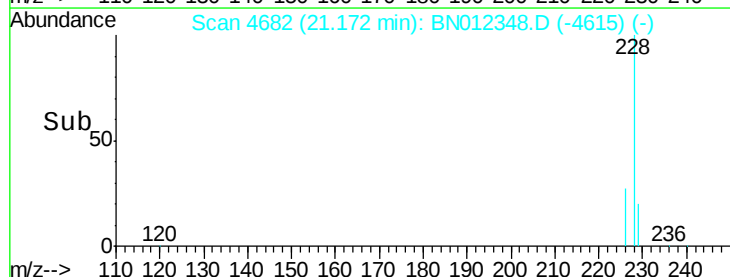
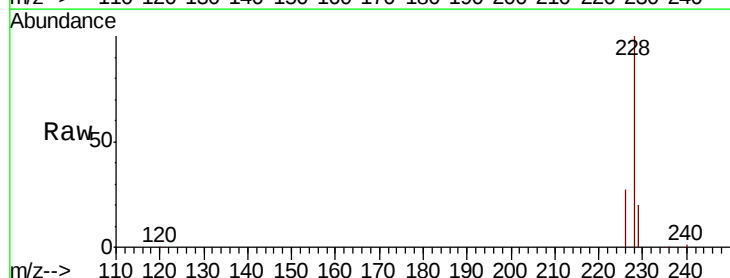
#18
Benzo(a)anthracene
Concen: 9.707 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.00 min
Lab File: BN012348.D
Acq: 19 Oct 2020 13:09

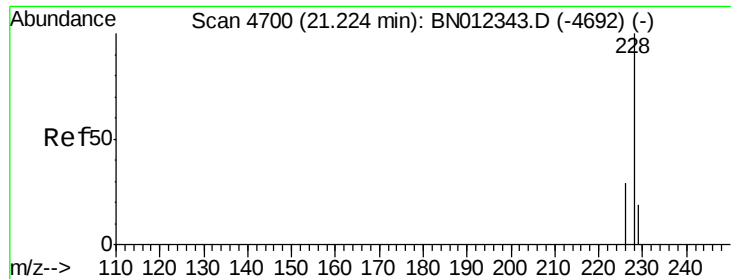
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	16.2	24.4
226	27.5	21.2	31.8

Abundance Ion 228.00 (227.70 to 228.70): E
250000 Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



Time--> 21.10 21.15 21.20





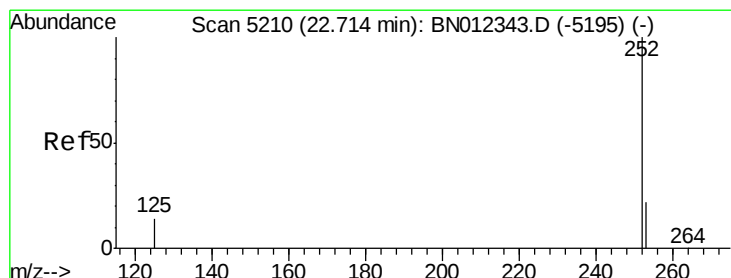
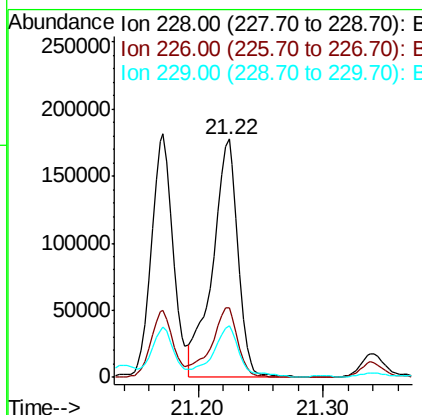
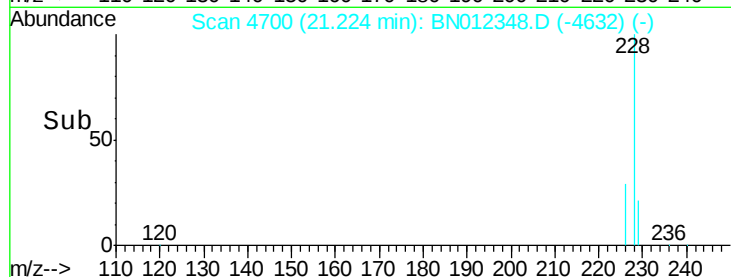
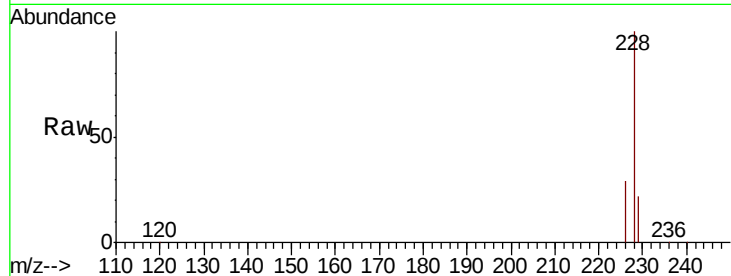
#19
Chrysene
Concen: 9.089 ng/ul
RT: 21.22 min Scan# 4700
Delta R.T. 0.00 min
Lab File: BN012348.D
Acq: 19 Oct 2020 13:09

Instrument :
BNA_N
ClientSampled :
C0AP6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	21.6	15.8	23.8

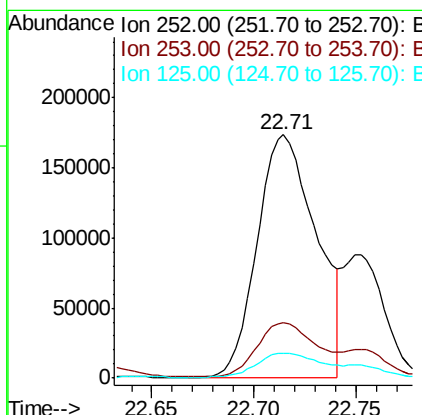
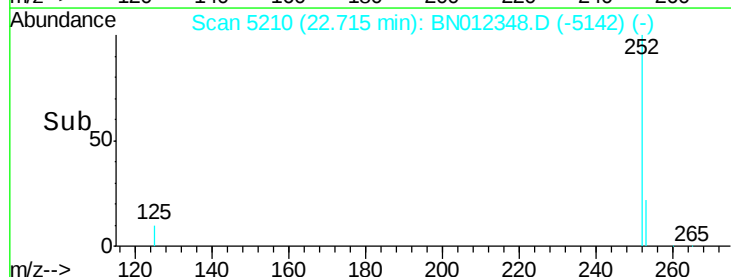
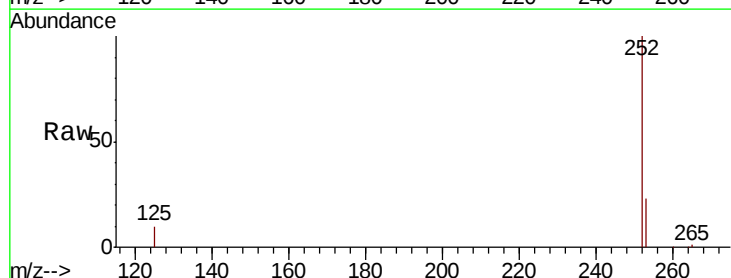
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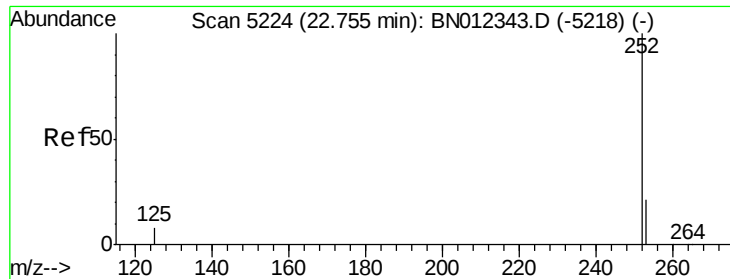
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#21
Benzo(b)fluoranthene
Concen: 14.265 ng/ul m
RT: 22.71 min Scan# 5210
Delta R.T. 0.00 min
Lab File: BN012348.D
Acq: 19 Oct 2020 13:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	56.4
125	10.3	0.0	37.8





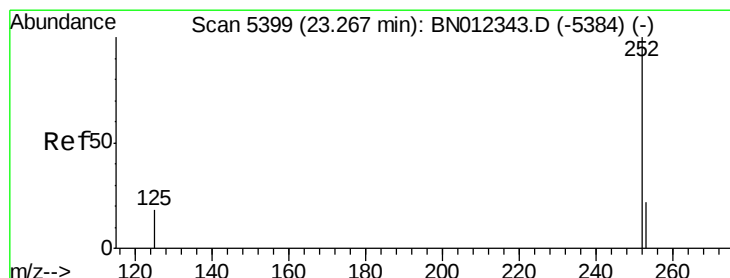
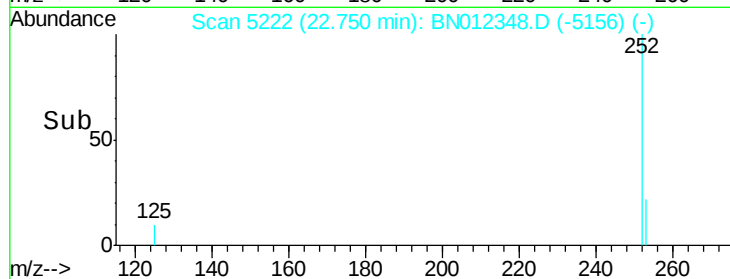
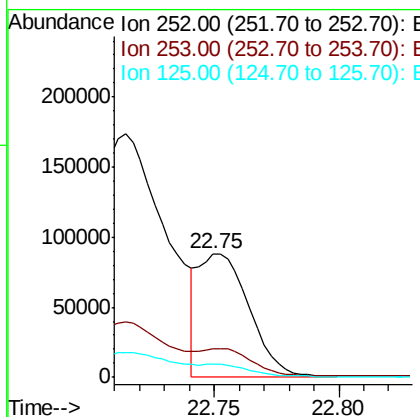
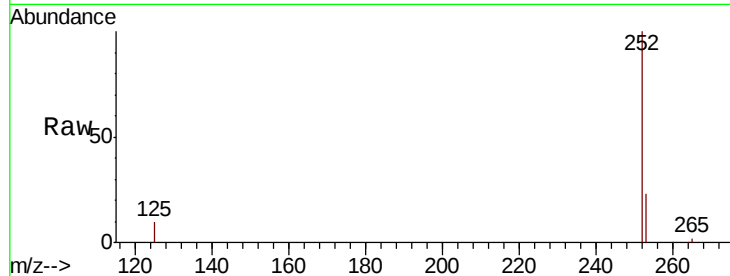
#22
Benzo(k)fluoranthene
Concen: 4.573 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN012348.D
Acq: 19 Oct 2020 13:09

Instrument :
BNA_N
ClientSampled :
C0AP6

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.1	22.2	33.4	
125	10.3	11.0	16.4	

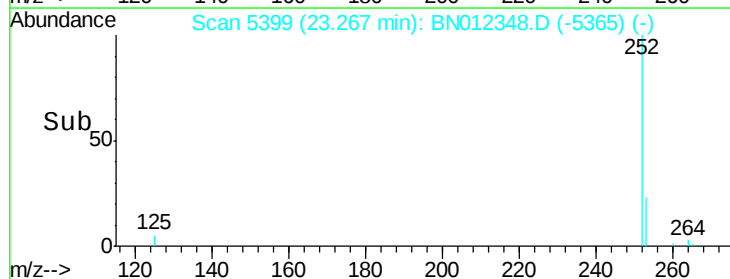
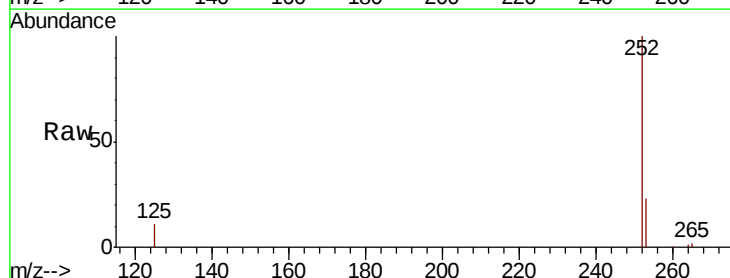
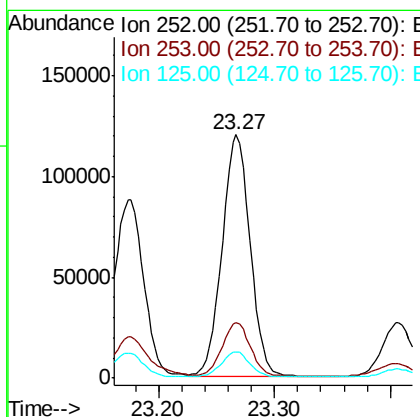
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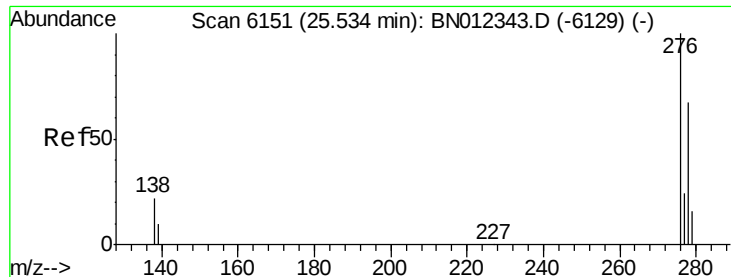
Sohil
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#23
Benzo(a)pyrene
Concen: 8.348 ng/ul
RT: 23.27 min Scan# 5399
Delta R.T. 0.00 min
Lab File: BN012348.D
Acq: 19 Oct 2020 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.7	23.8	35.6	
125	10.9	19.3	28.9	





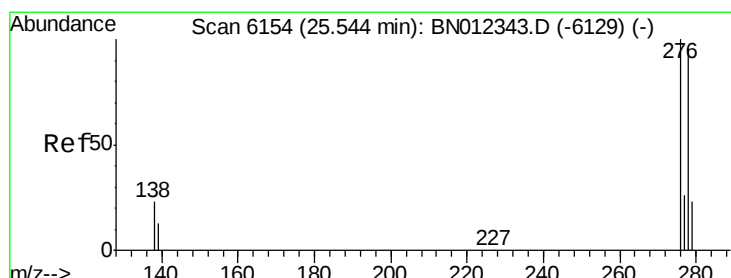
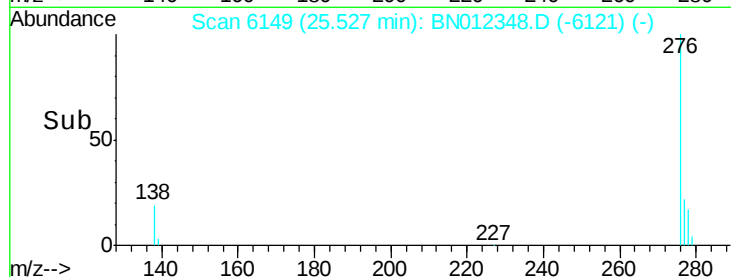
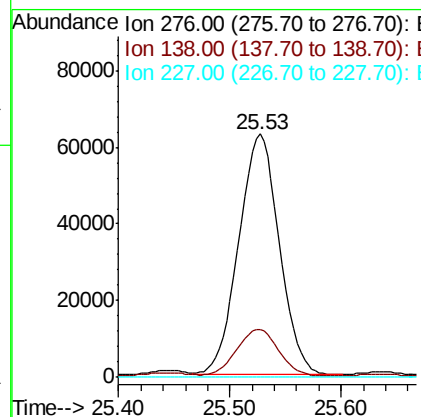
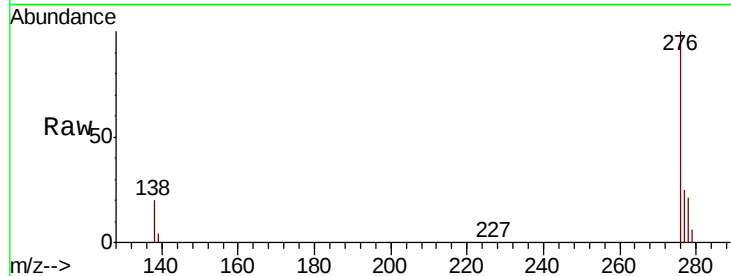
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.160 ng/ul
 RT: 25.53 min Scan# 6149
 Delta R.T. -0.01 min
 Lab File: BN012348.D
 Acq: 19 Oct 2020 13:09

Instrument :
 BNA_N
 ClientSampleId :
 C0AP6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.0	25.6
227	0.2	0.1	0.1#

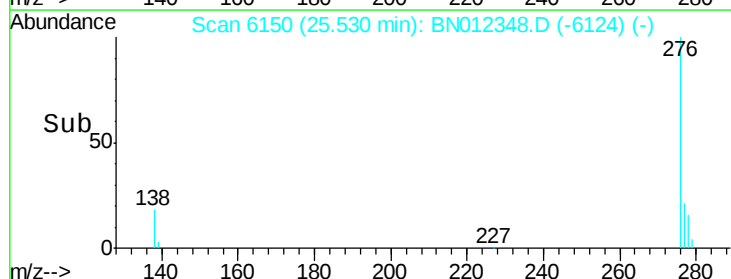
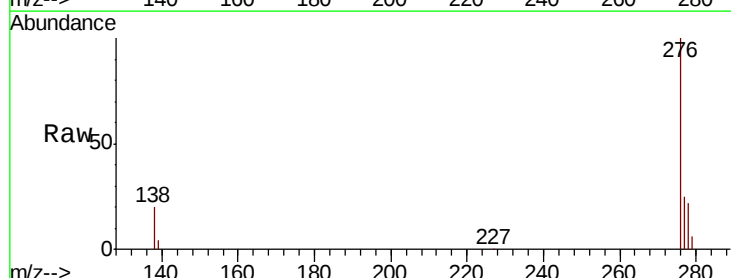
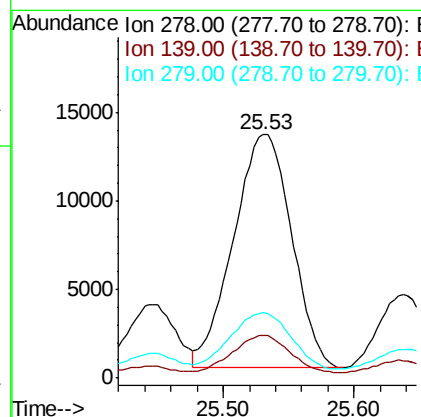
Manual Integrations
 APPROVED

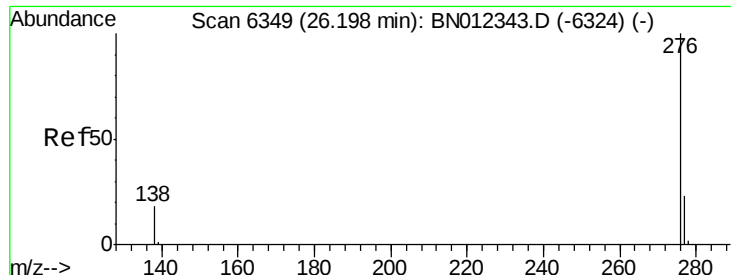
Sohil
 10/20/2020 9:35:43 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.646 ng/ul
 RT: 25.53 min Scan# 6150
 Delta R.T. -0.01 min
 Lab File: BN012348.D
 Acq: 19 Oct 2020 13:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.8	20.8
279	26.8	23.8	35.8





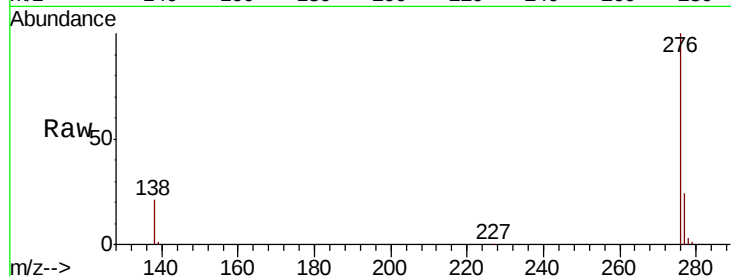
#26
 Benzo(a,h,i)perylene
 Concen: 4.717 ng/ul
 RT: 26.19 min Scan# 6347
 Delta R.T. -0.01 min
 Lab File: BN012348.D
 Acq: 19 Oct 2020 13:09

Instrument :
 BNA_N
 ClientSampleId :
 C0AP6

Tot Ion:	276	Resp:	133281
Ion Ratio	Lower	Upper	
276	100		
138	20.5	16.6	24.8
277	24.2	20.7	31.1

Manual Integrations
 APPROVED

Sohil
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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

