

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
 Data File : BN013099.D
 Acq On : 12 Dec 2020 19:46
 Operator : CG/JU
 Sample : L5063-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD5

Manual Integrations
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Quant Time: Dec 14 01:43:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 00:25:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	786	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.13	136	3366	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.04	164	7919	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4636	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	7869	0.40	ng/ul	0.01
20) Perylene-d12	23.16	264	4670	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2832	0.57	ng/ul	-0.03
14) Fluoranthene-d10	18.85	212	6055	0.48	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	108010	11.090	ng/ul	96
5) 2-Methylnaphthalene	11.81	142	354104	55.345	ng/ul	99
7) Acenaphthylene	13.76	152	34953	0.933	ng/ul#	1
8) Acenaphthene	14.10	153	51205	1.665	ng/ul	96
9) Fluorene	15.10	166	99946	2.833	ng/ul#	88
12) Phenanthrene	16.85	178	1173999	75.528	ng/ul	98
13) Anthracene	16.94	178	95452m	7.216	ng/ul	
15) Fluoranthene	18.88	202	219718	11.895	ng/ul	93
17) Pyrene	19.26	202	1185569	31.897	ng/ul	99
18) Benzo(a)anthracene	21.02	228	141339	4.341	ng/ul#	40
19) Chrysene	21.08	228	168317	4.679	ng/ul#	75
21) Benzo(b)fluoranthene	22.54	252	98647m	4.566	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	11667m	0.489	ng/ul	
23) Benzo(a)pyrene	23.07	252	82181	4.099	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	25.24	276	31601	1.200	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.23	278	15622	0.750	ng/ul#	1
26) Benzo(a,h,i)perylene	25.87	276	51355	2.156	ng/ul#	77

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

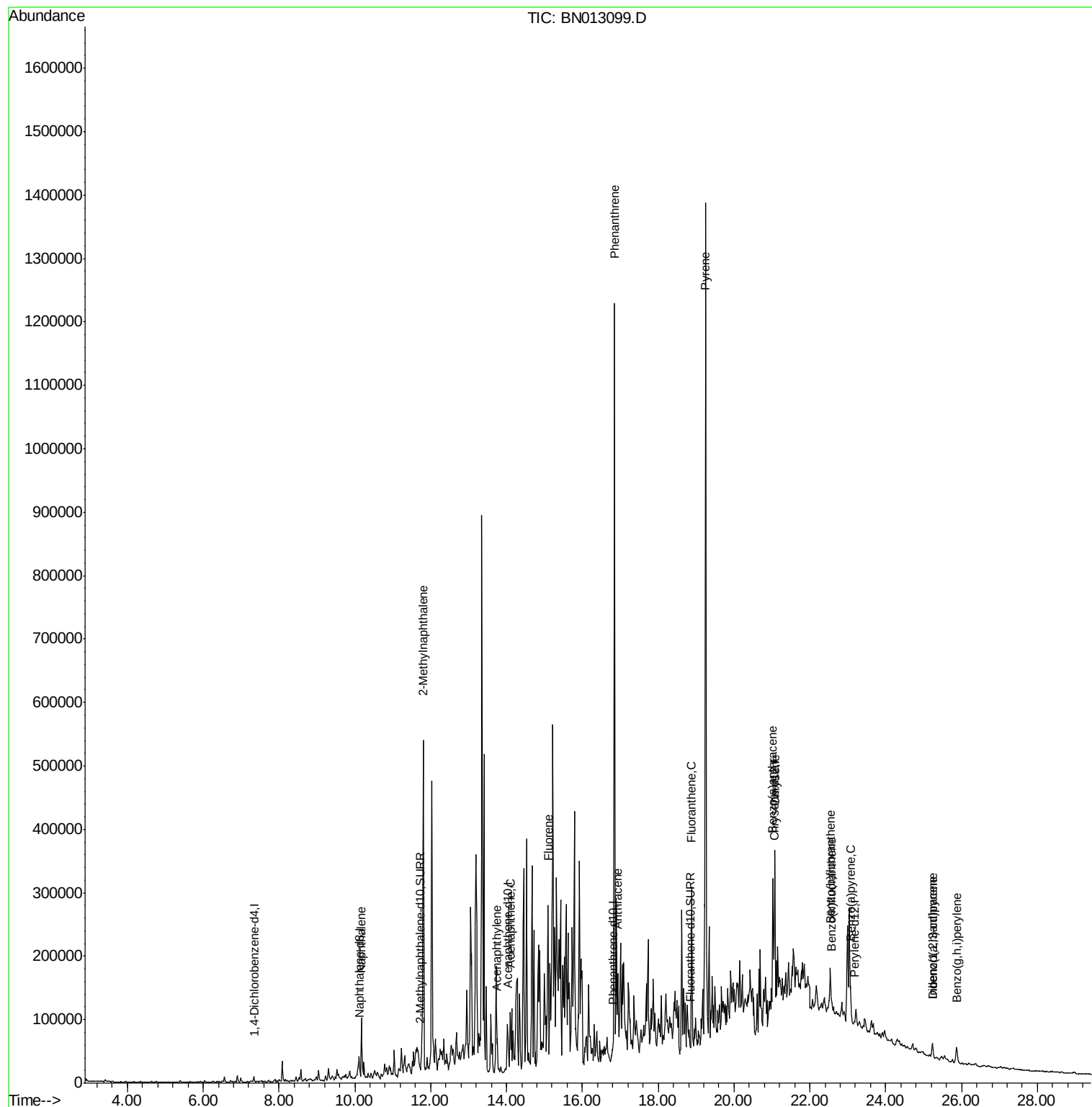
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
Data File : BN013099.D
Acq On : 12 Dec 2020 19:46
Operator : CG/JU
Sample : L5063-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

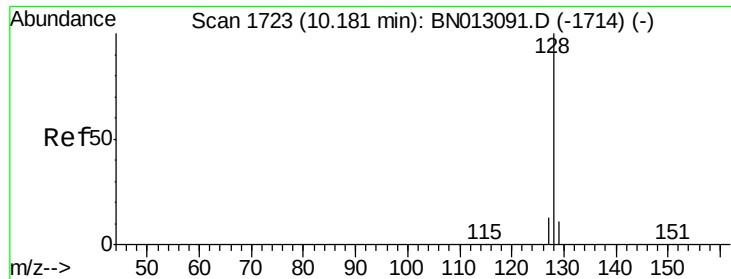
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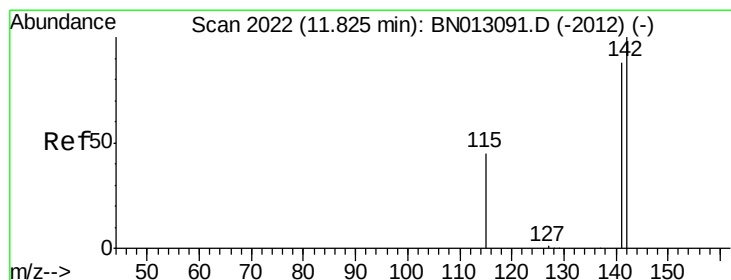
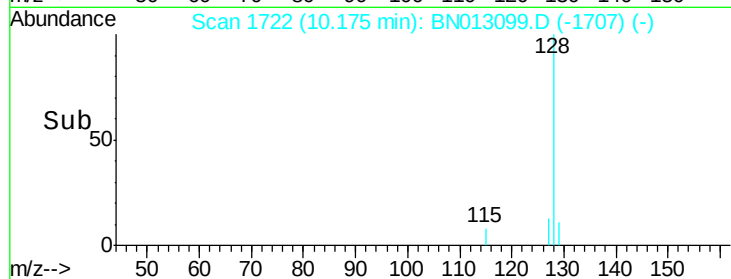
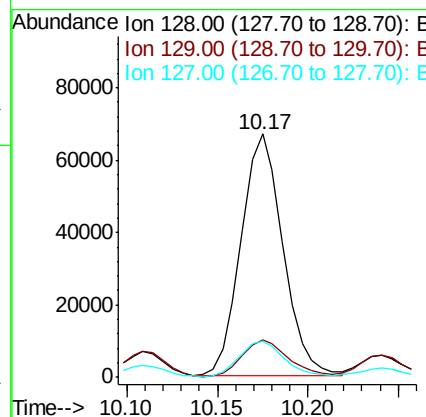
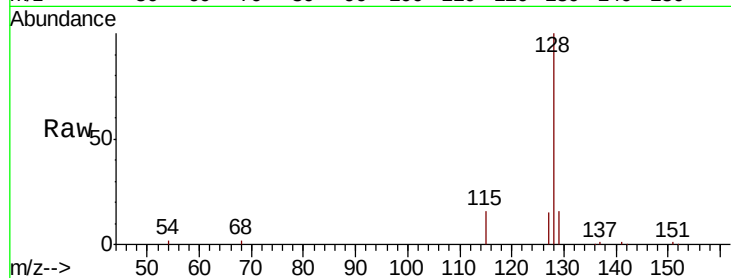
#3
Naphthalene
Concen: 11.090 ng/ul
RT: 10.17 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BN013099.D
Acq: 12 Dec 2020 19:46

Instrument :
BNA_N
ClientSampleId :
C0AD5

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.5	12.3	18.5
127	14.9	14.2	21.4

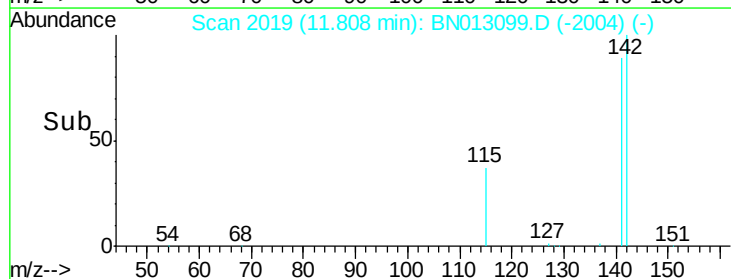
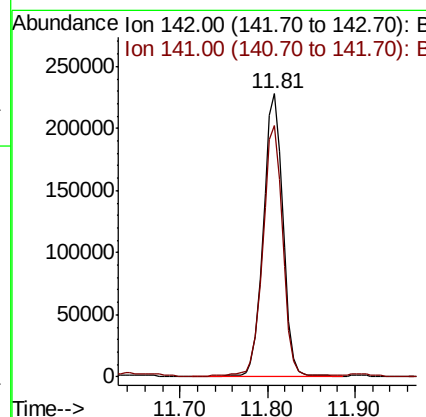
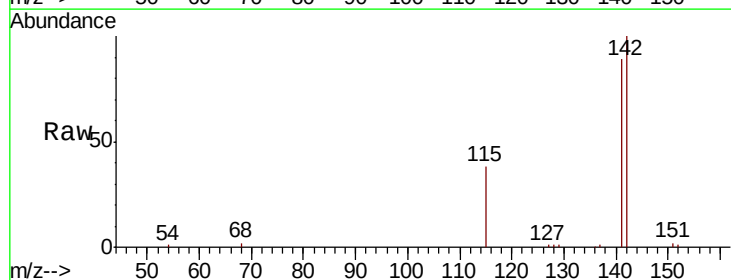
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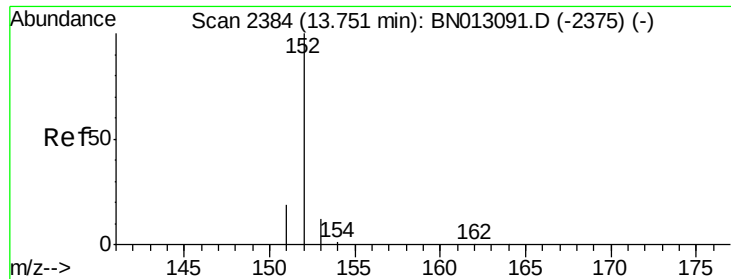
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#5
2-Methylnaphthalene
Concen: 55.345 ng/ul
RT: 11.81 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BN013099.D
Acq: 12 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.0	109.6





#7

Acenaphthylene

Concen: 0.933 ng/ul

RT: 13.76 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BN013099.D

Acq: 12 Dec 2020 19:46

Instrument :

BNA_N

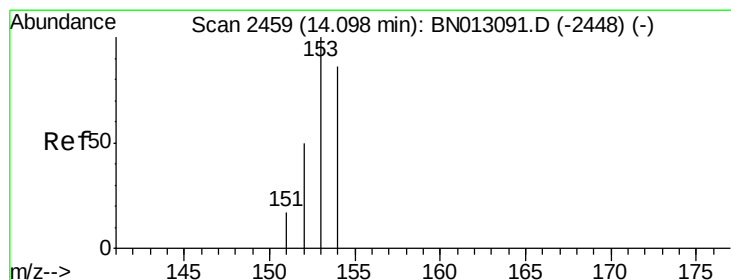
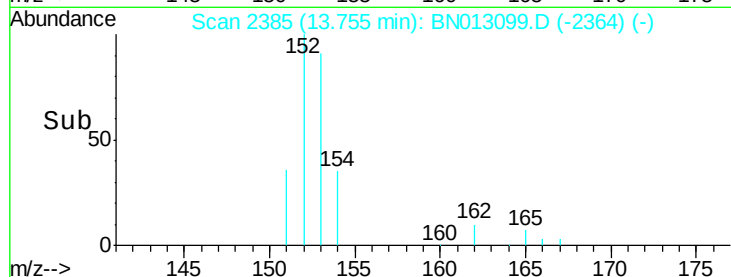
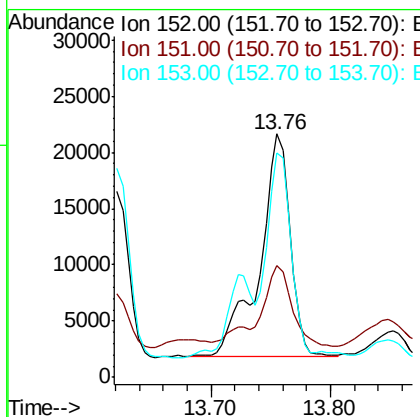
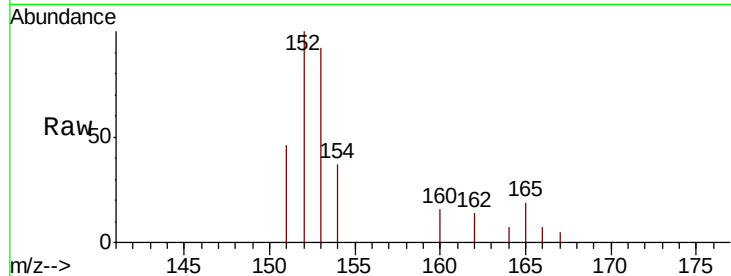
ClientSampleId :

C0AD5

Tot Ion:	152	Resp:	34953
Ion Ratio	Lower	Upper	
152	100		
151	45.9	18.2	27.4#
153	92.1	13.1	19.7#

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#8

Acenaphthene

Concen: 1.665 ng/ul

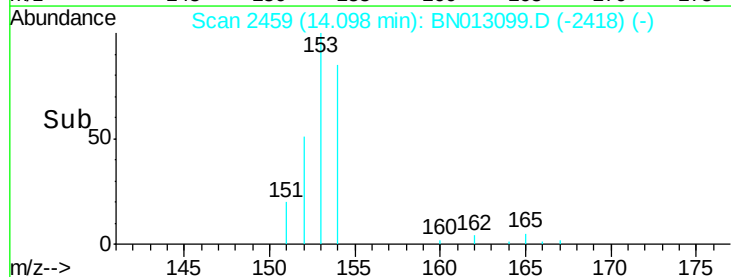
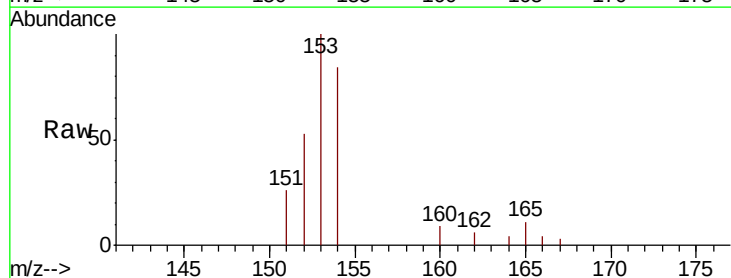
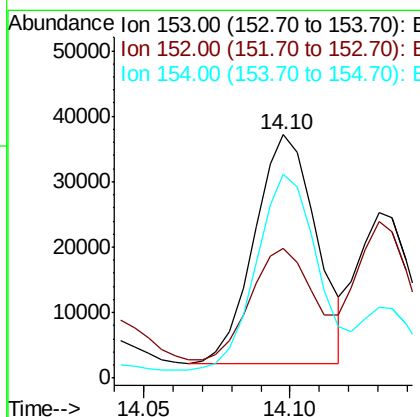
RT: 14.10 min Scan# 2459

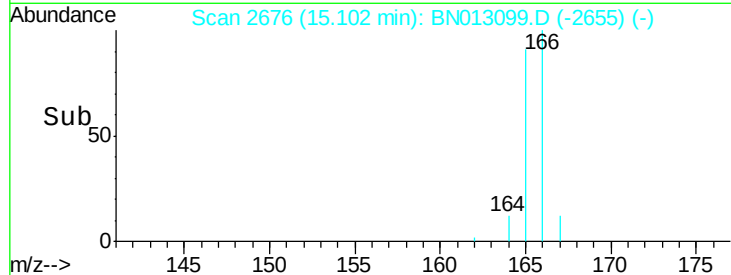
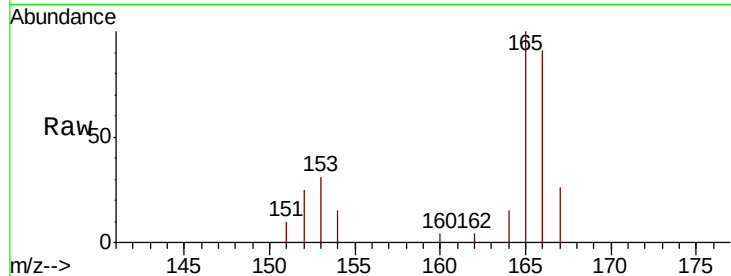
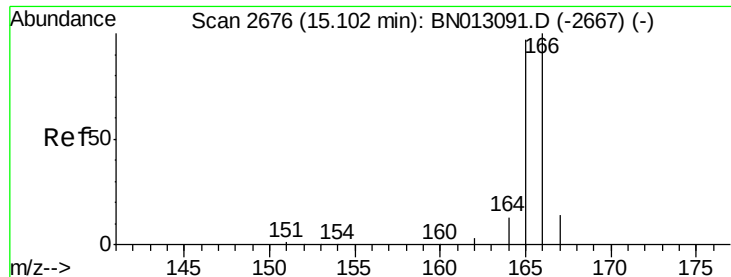
Delta R.T. -0.01 min

Lab File: BN013099.D

Acq: 12 Dec 2020 19:46

Tgt Ion:	153	Resp:	51205
Ion Ratio	Lower	Upper	
153	100		
152	53.3	40.7	61.1
154	83.9	70.8	106.2





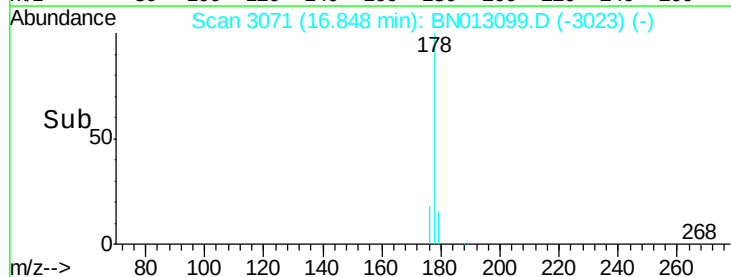
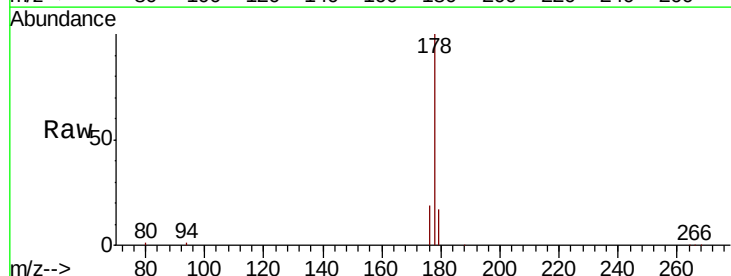
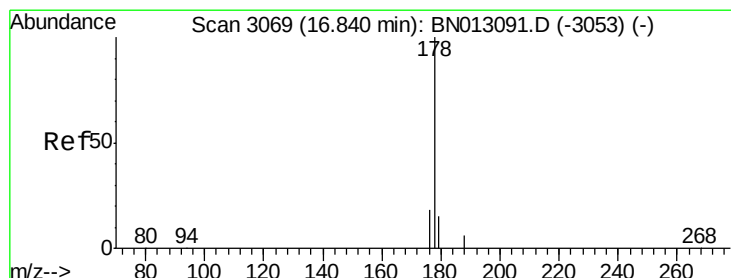
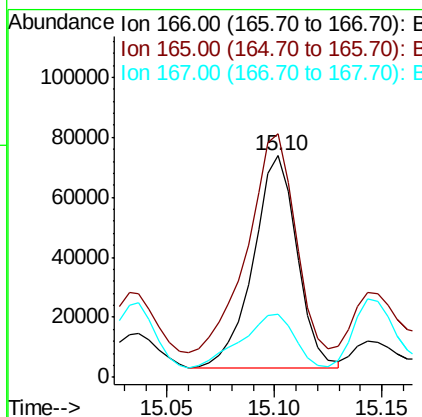
#9
Fluorene
 Concen: 2.833 ng/ul
 RT: 15.10 min Scan# 2676
 Delta R.T. -0.00 min
 Lab File: BN013099.D
 Acq: 12 Dec 2020 19:46

Instrument :
 BNA_N
 ClientSampleId :
 C0AD5

Tot Ion	Ratio	Lower	Upper
166	100		
165	109.8	79.8	119.8
167	28.3	13.8	20.8

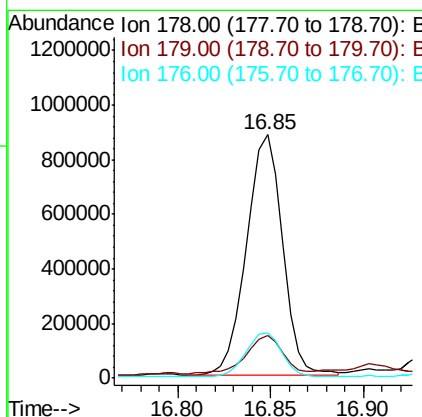
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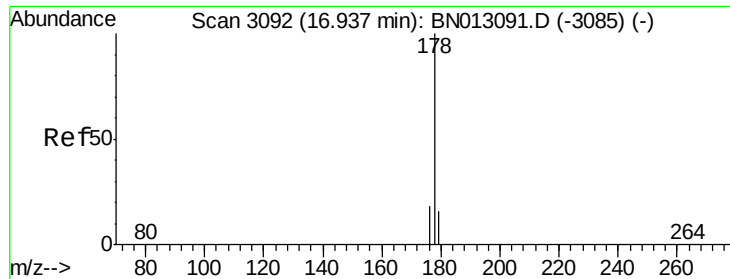
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#12
Phenanthrene
 Concen: 75.528 ng/ul
 RT: 16.85 min Scan# 3071
 Delta R.T. 0.00 min
 Lab File: BN013099.D
 Acq: 12 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.6	20.4
176	18.8	16.4	24.6





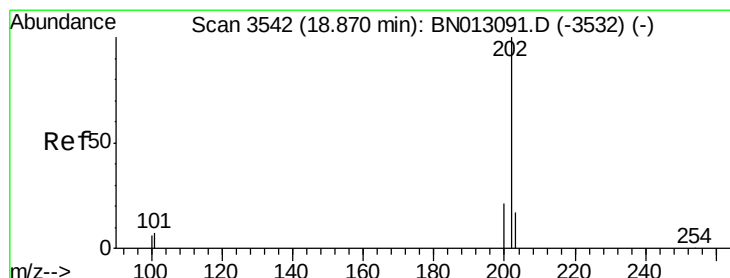
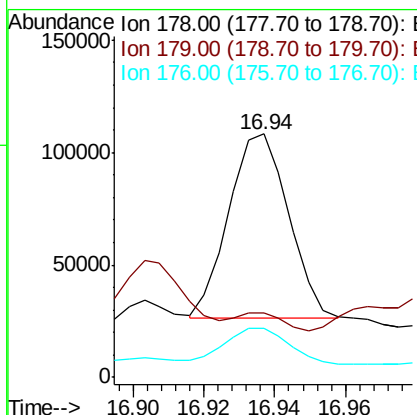
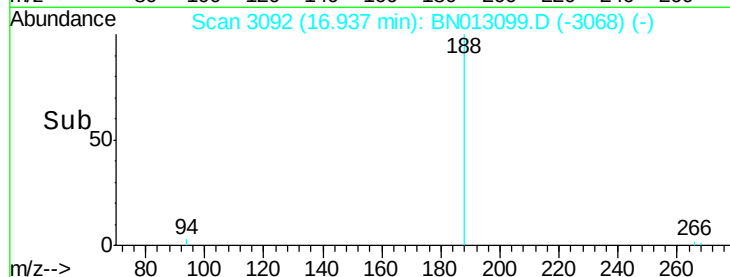
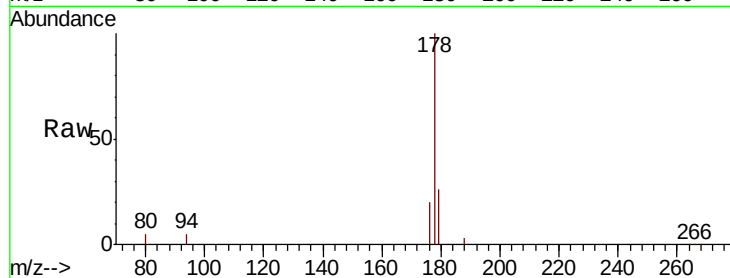
#13
 Anthracene
 Concen: 7.216 ng/ul m
 RT: 16.94 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BN013099.D
 Acq: 12 Dec 2020 19:46

Instrument :
 BNA_N
 ClientSampleId :
 C0AD5

Tot Ion	Ratio	Lower	Upper
178	100		
179	26.3	14.6	21.8#
176	19.9	17.1	25.7

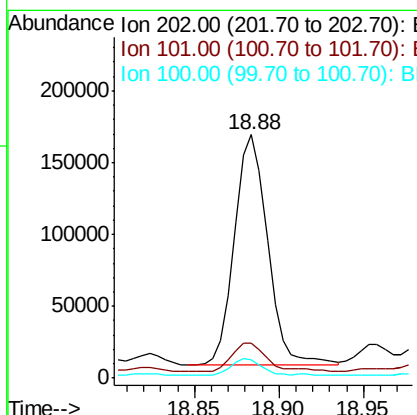
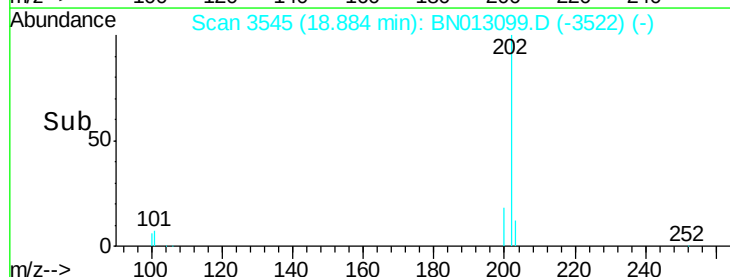
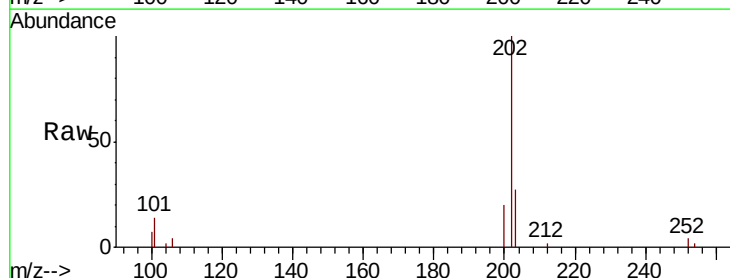
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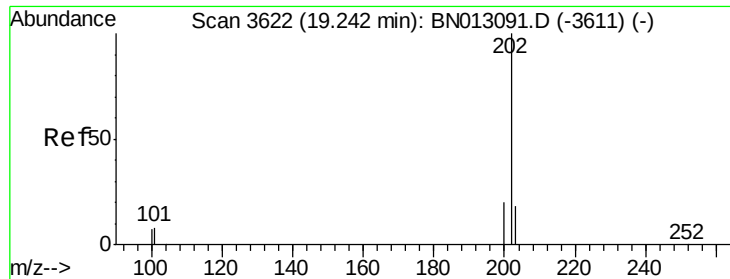
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#15
 Fluoranthene
 Concen: 11.895 ng/ul
 RT: 18.88 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: BN013099.D
 Acq: 12 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	30.6
100	7.4	0.0	28.7





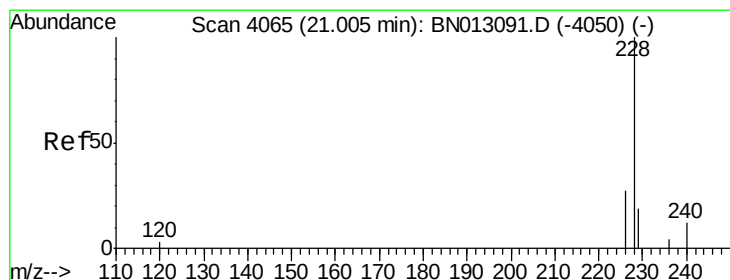
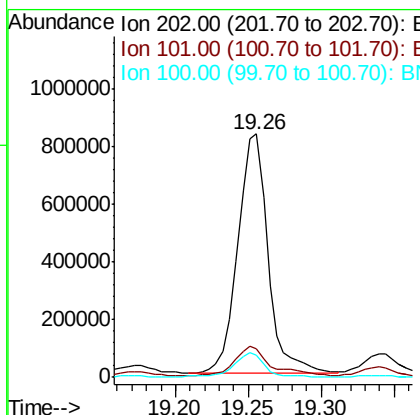
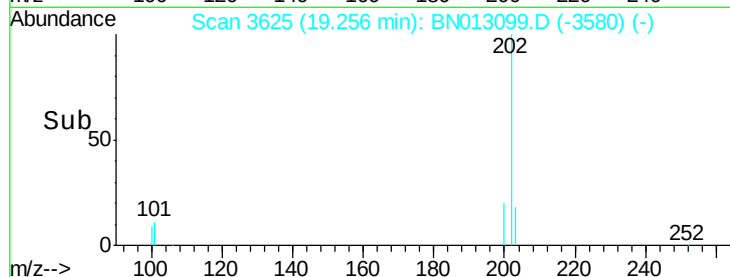
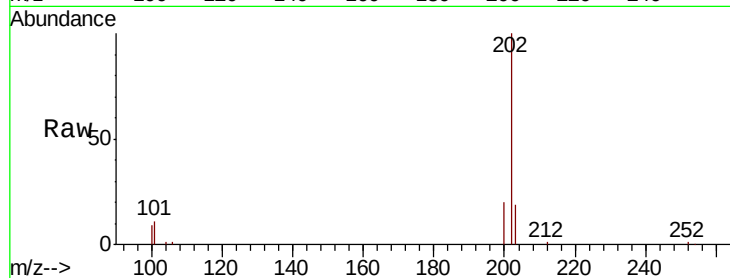
#17
Pvrene
Concen: 31.897 ng/ul
RT: 19.26 min Scan# 3625
Delta R.T. 0.01 min
Lab File: BN013099.D
Acq: 12 Dec 2020 19:46

Instrument :
BNA_N
ClientSampleId :
C0AD5

Tot Ion:202 Resp: 1185569
Ion Ratio Lower Upper
202 100
101 11.5 9.1 13.7
100 8.9 7.5 11.3

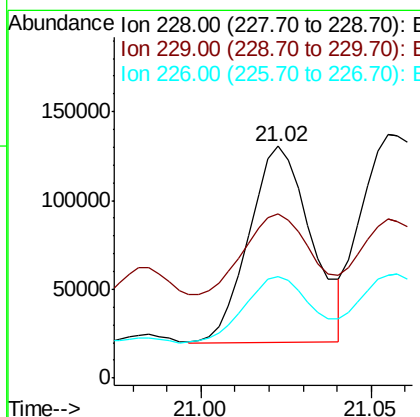
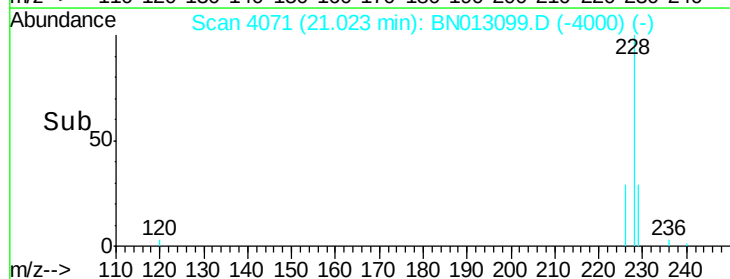
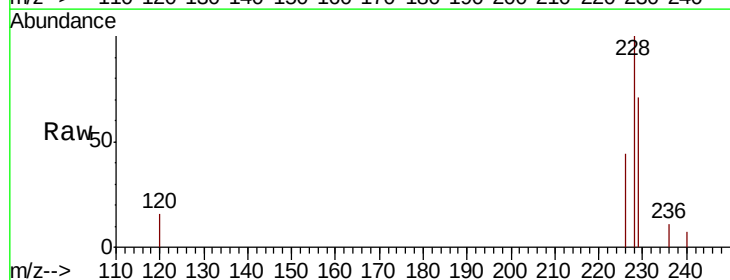
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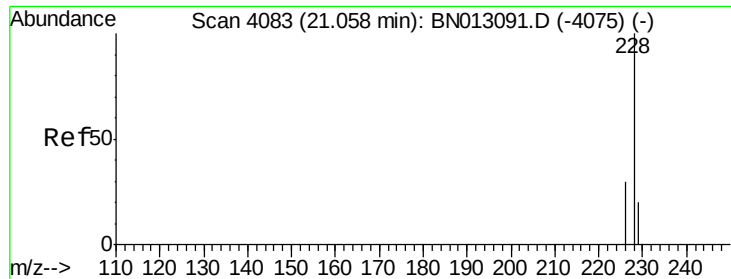
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#18
Benzo(a)anthracene
Concen: 4.341 ng/ul
RT: 21.02 min Scan# 4071
Delta R.T. 0.01 min
Lab File: BN013099.D
Acq: 12 Dec 2020 19:46

Tgt Ion:228 Resp: 141339
Ion Ratio Lower Upper
228 100
229 70.8 16.3 24.5#
226 43.6 23.4 35.2#





#19

Chrysene

Concen: 4.679 ng/ul

RT: 21.08 min Scan# 4089

Delta R.T. 0.01 min

Lab File: BN013099.D

Acq: 12 Dec 2020 19:46

Instrument :

BNA_N

ClientSampleId :

C0AD5

Tot Ion:228 Resp: 168317

Ion Ratio Lower Upper

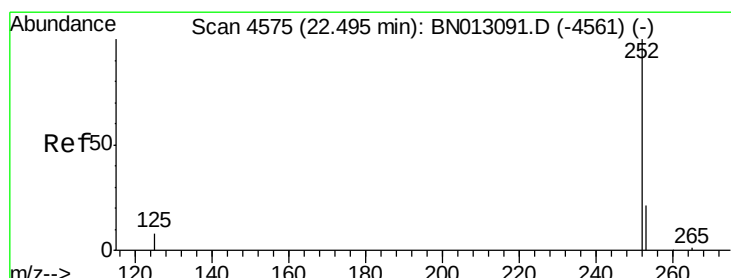
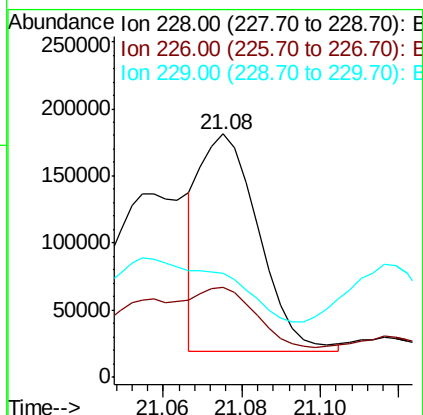
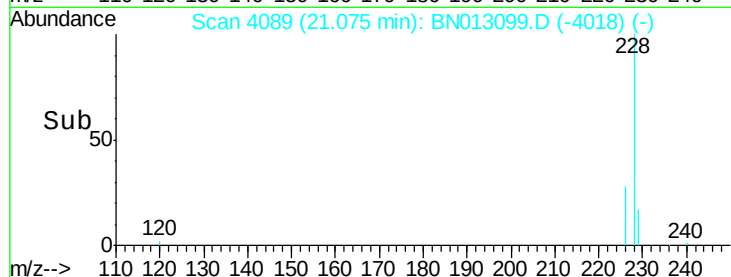
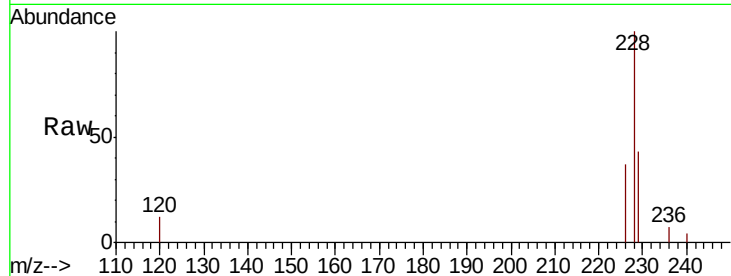
228 100

226 36.7 25.0 37.6

229 42.9 16.4 24.6#

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#21

Benzo(b)fluoranthene

Concen: 4.566 ng/ul m

RT: 22.54 min Scan# 4591

Delta R.T. 0.03 min

Lab File: BN013099.D

Acq: 12 Dec 2020 19:46

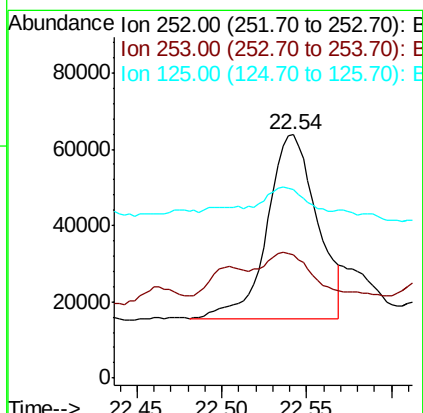
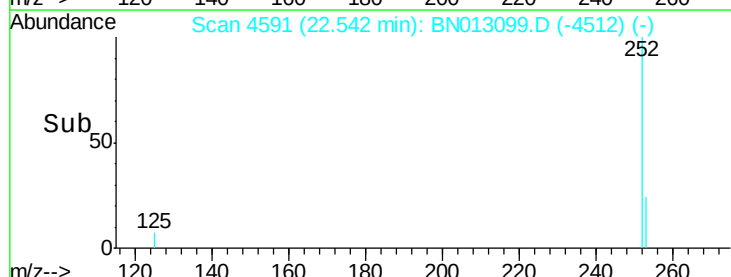
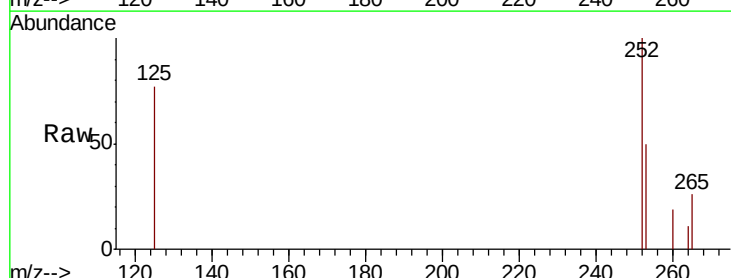
Tgt Ion:252 Resp: 98647

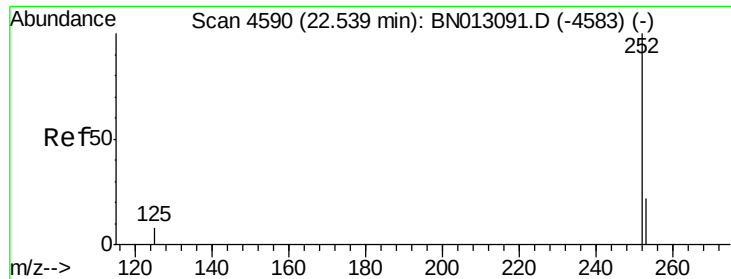
Ion Ratio Lower Upper

252 100

253 50.4 0.0 59.6

125 77.3 0.0 26.0#





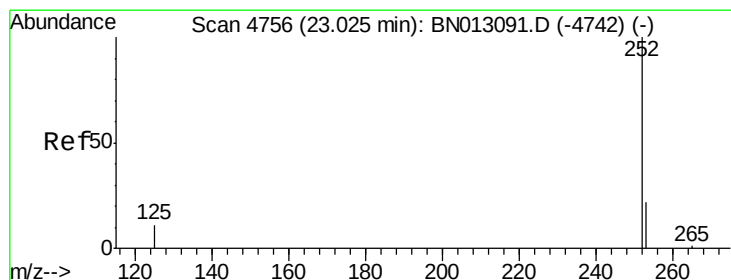
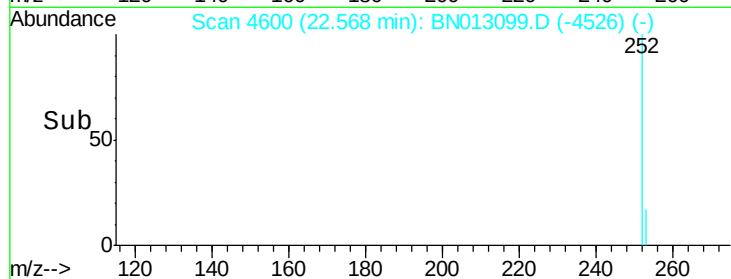
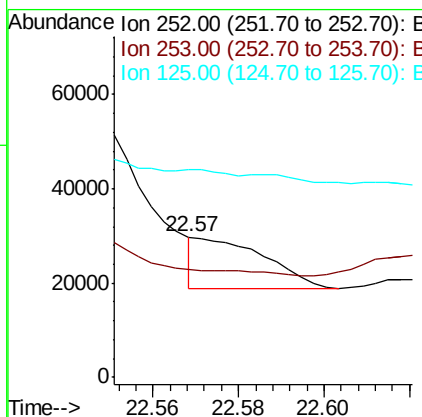
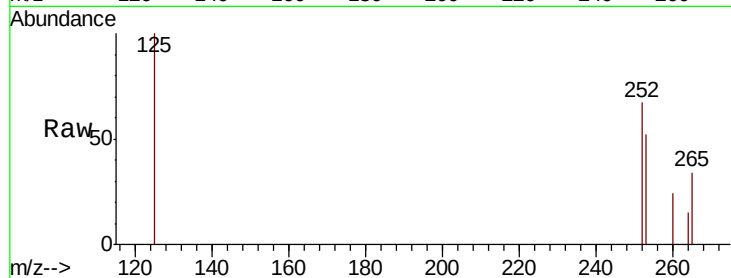
#22
Benzo(k)fluoranthene
Concen: 0.489 ng/ul m
RT: 22.57 min Scan# 4600
Delta R.T. 0.02 min
Lab File: BN013099.D
Acq: 12 Dec 2020 19:46

Instrument :
BNA_N
ClientSampleId :
C0AD5

Tot Ion	Ratio	Lower	Upper
252	100		
253	76.8	23.4	35.2#
125	148.8	11.1	16.7#

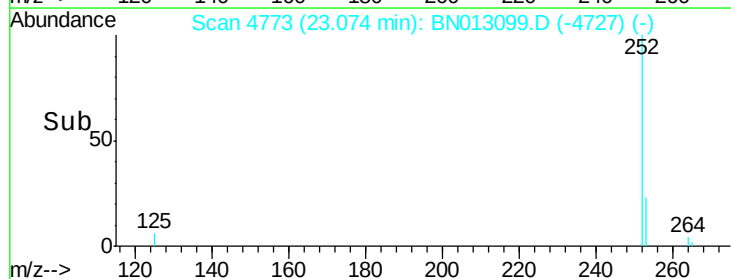
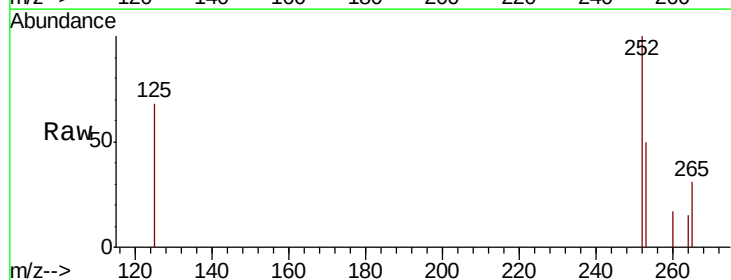
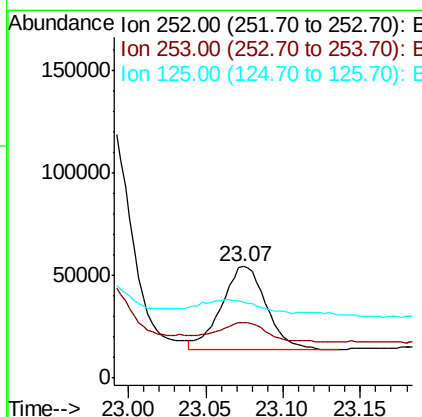
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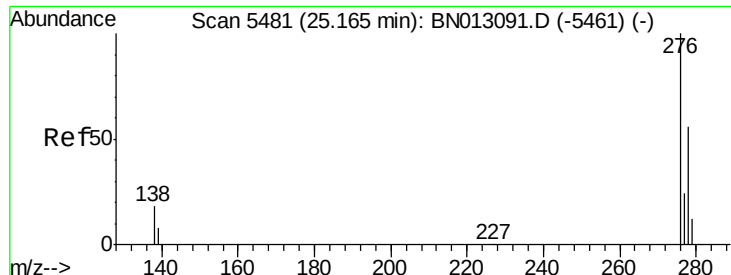
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#23
Benzo(a)pyrene
Concen: 4.099 ng/ul
RT: 23.07 min Scan# 4773
Delta R.T. 0.04 min
Lab File: BN013099.D
Acq: 12 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	50.1	26.5	39.7#
125	67.9	14.2	21.2#





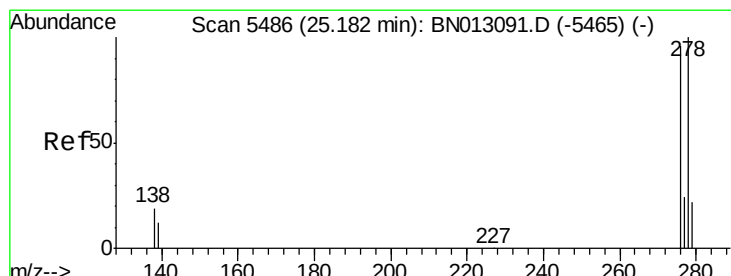
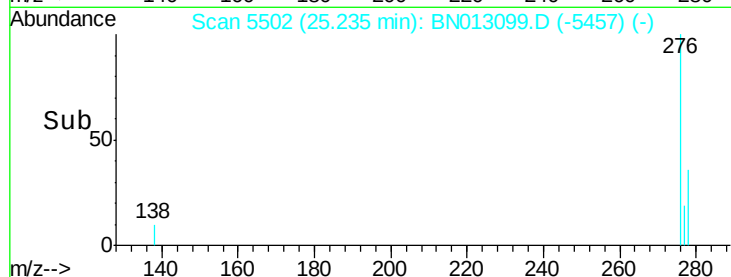
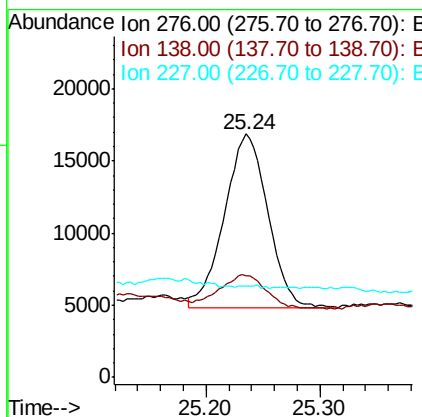
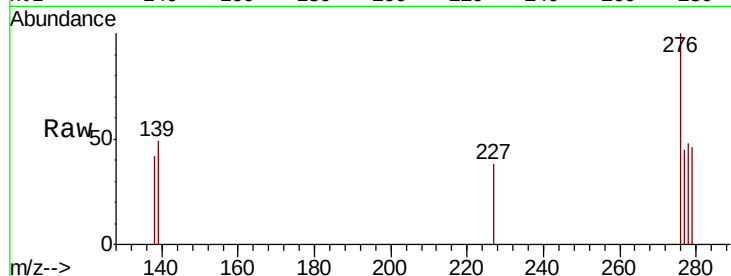
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.200 ng/ul
 RT: 25.24 min Scan# 5502
 Delta R.T. 0.05 min
 Lab File: BN013099.D
 Acq: 12 Dec 2020 19:46

Instrument :
 BNA_N
 ClientSampleId :
 C0AD5

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.2	24.2
227	3.7	0.0	0.0#

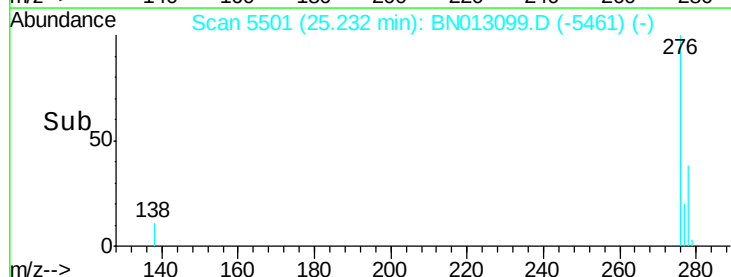
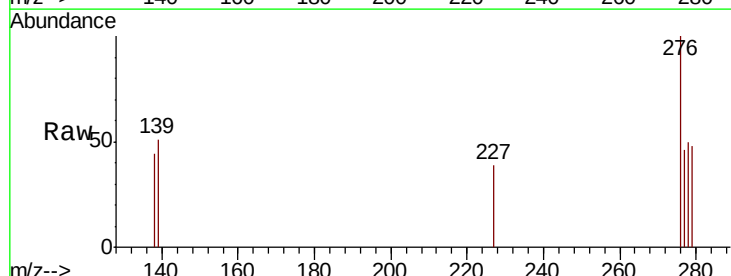
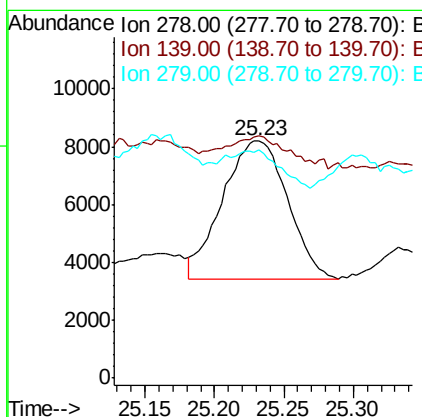
Manual Integrations
 APPROVED

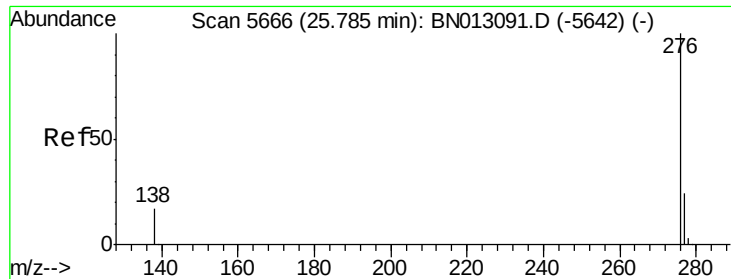
mohammad
 12/15/2020 12:17:16 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.750 ng/ul
 RT: 25.23 min Scan# 5501
 Delta R.T. 0.03 min
 Lab File: BN013099.D
 Acq: 12 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	102.0	14.5	21.7#
279	95.9	26.3	39.5#





#26
 Benzo(a,h,i)perylene
 Concen: 2.156 ng/ul
 RT: 25.87 min Scan# 5691
 Delta R.T. 0.06 min
 Lab File: BN013099.D
 Acq: 12 Dec 2020 19:46

Instrument :
 BNA_N
 ClientSampleId :
 C0AD5

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.2	16.3	24.5#
277	38.4	21.8	32.6#

Manual Integrations
 APPROVED

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 12/15/2020 12:17:16 PM

