

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012822.D
 Acq On : 02 Dec 2020 16:32
 Operator : CG/JU
 Sample : L4865-02
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B20

Manual Integrations
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Quant Time: Dec 02 17:05:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 12:19:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	716	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3044	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1783	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3812	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3504	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3237	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	679	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1632	0.16	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.23	128	1798	0.196	ng/ul	97
5) 2-Methylnaphthalene	11.86	142	596	0.102	ng/ul	98
7) Acenaphthylene	13.79	152	2022	0.233	ng/ul	98
8) Acenaphthene	14.14	153	1263	0.172	ng/ul	99
9) Fluorene	15.13	166	1188	0.147	ng/ul#	92
12) Phenanthrene	16.87	178	75440	5.687	ng/ul	96
13) Anthracene	16.96	178	5887	0.511	ng/ul	98
15) Fluoranthene	18.90	202	197615	12.904	ng/ul	97
17) Pyrene	19.27	202	164415	10.490	ng/ul	100
18) Benzo(a)anthracene	21.03	228	65413	5.210	ng/ul	98
19) Chrysene	21.09	228	81241	5.180	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	97347m	6.537	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	33939m	1.976	ng/ul	
23) Benzo(a)pyrene	23.07	252	62517m	4.461	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.23	276	41534	2.266	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.23	278	10190	0.692	ng/ul	97
26) Benzo(a,h,i)perylene	25.85	276	35894	2.176	ng/ul	96

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

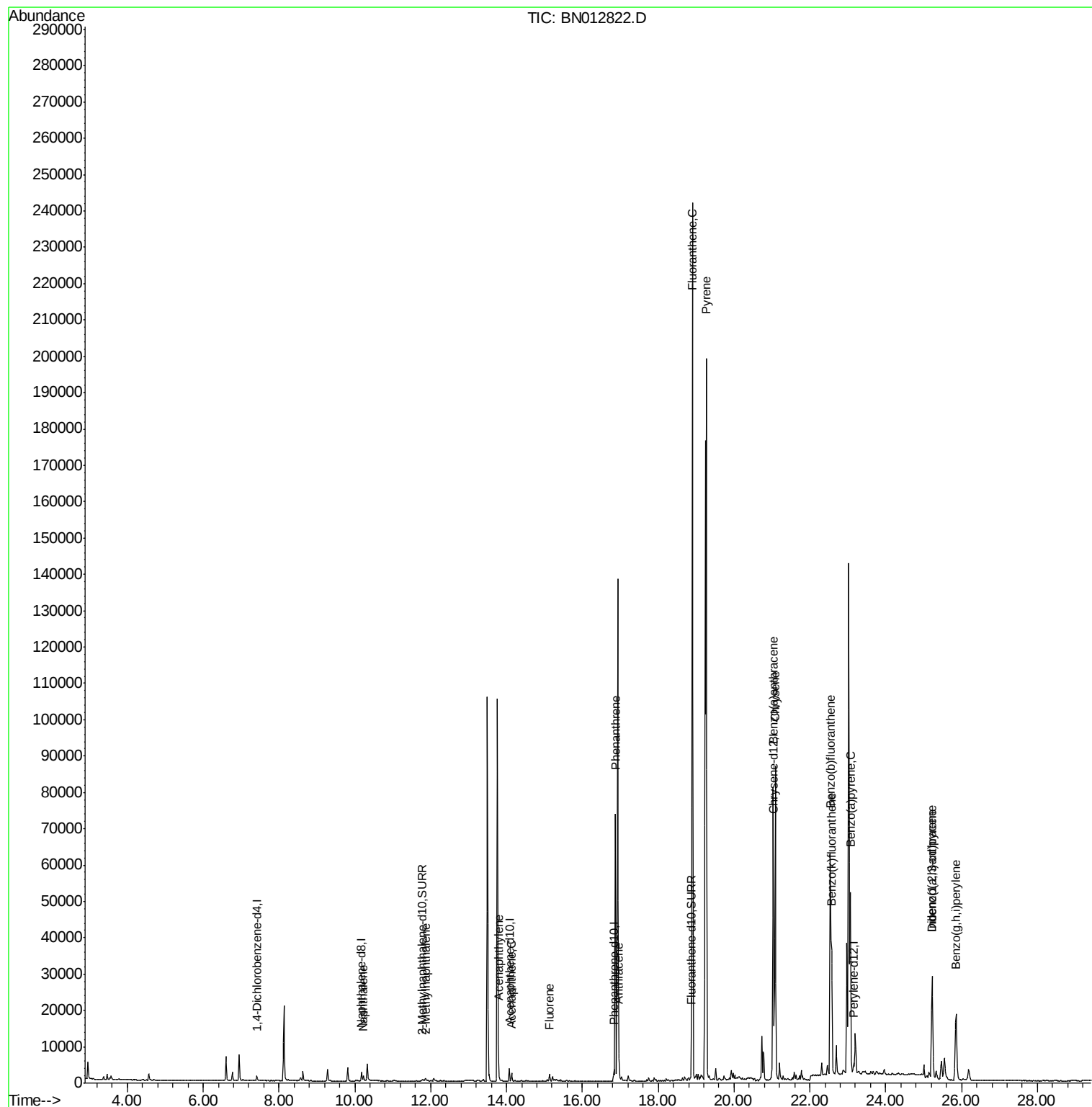
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012822.D
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ALS Vial : 49 Sample Multiplier: 1

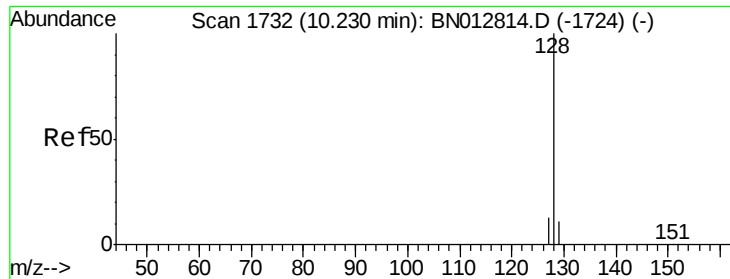
Instrument :
BNA_N
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C0B20

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Quant Time: Dec 02 17:05:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:19:27 2020
Response via : Initial Calibration





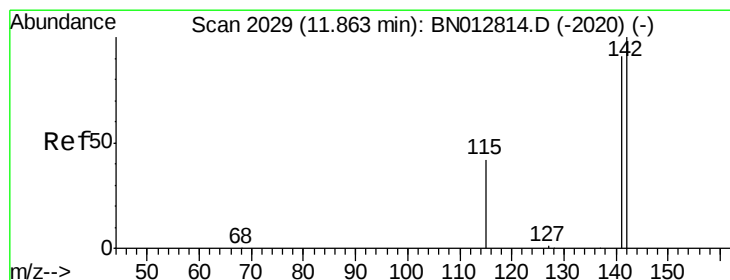
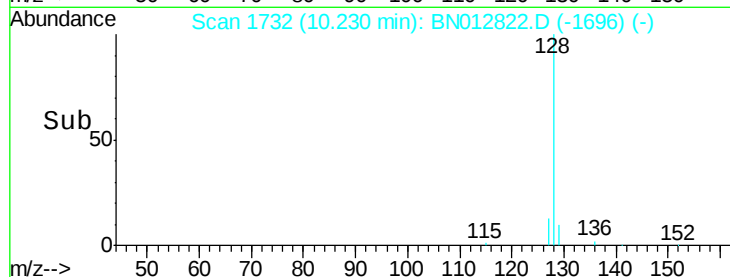
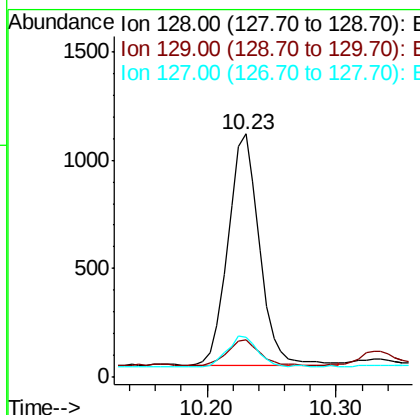
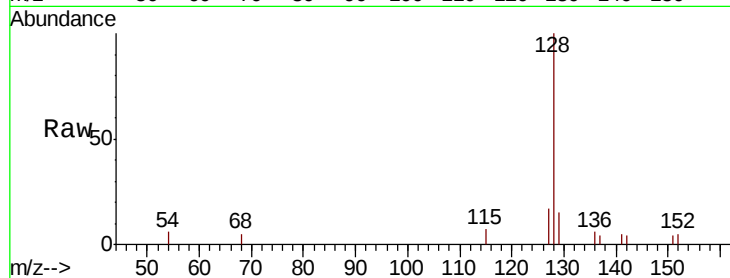
#3
Naphthalene
Concen: 0.196 ng/ul
RT: 10.23 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BN012822.D
Acq: 02 Dec 2020 16:32

Instrument :
BNA_N
ClientSampled :
C0B20

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.2	11.2	16.8
127	16.6	12.5	18.7

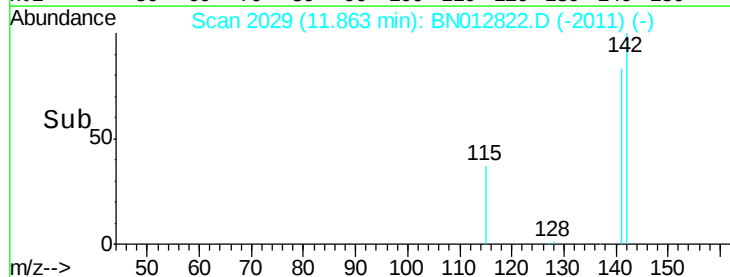
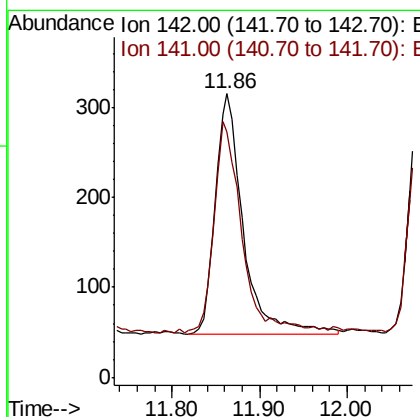
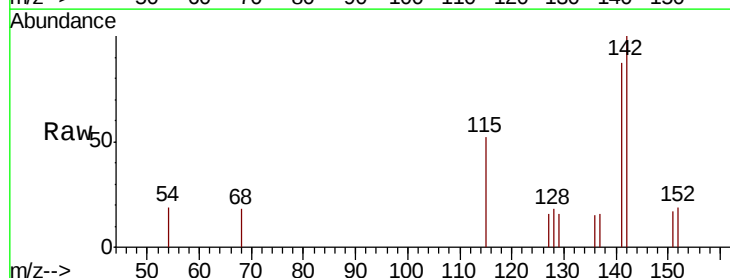
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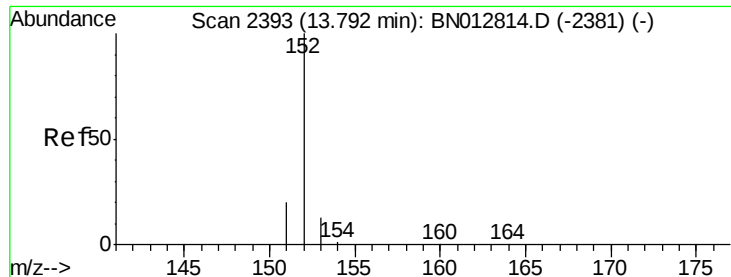
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#5
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 11.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BN012822.D
Acq: 02 Dec 2020 16:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.3	108.5





#7

Acenaphthylene

Concen: 0.233 ng/ul

RT: 13.79 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BN012822.D

Acq: 02 Dec 2020 16:32

Instrument :

BNA_N

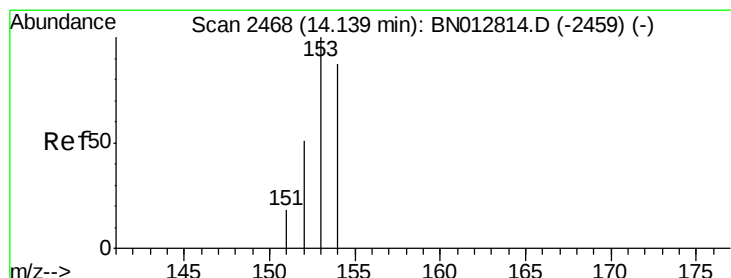
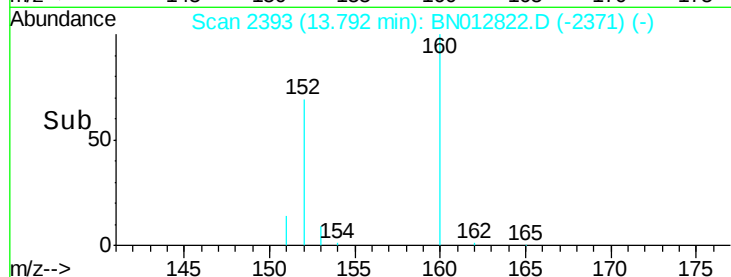
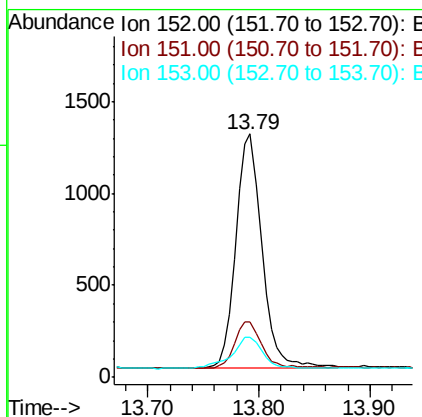
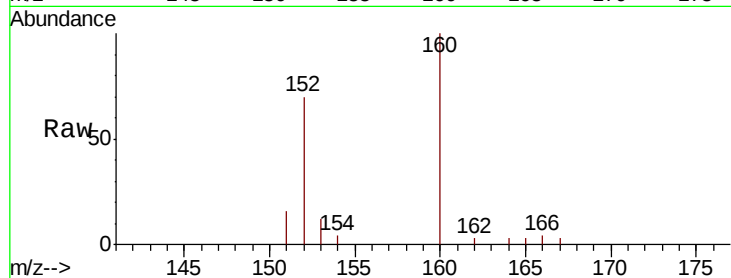
ClientSampleId :

C0B20

Tot Ion:	152	Resp:	2022
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.1	25.7
153	16.6	12.6	19.0

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#8

Acenaphthene

Concen: 0.172 ng/ul

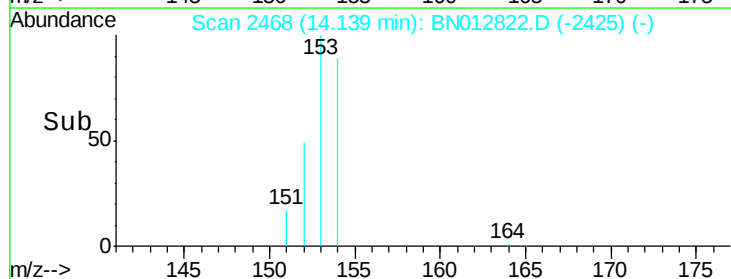
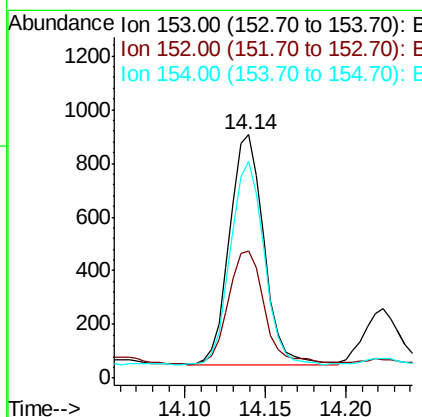
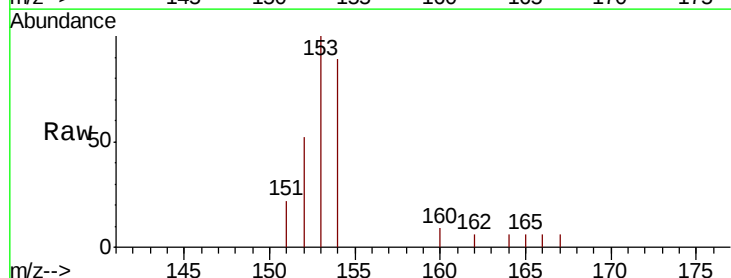
RT: 14.14 min Scan# 2468

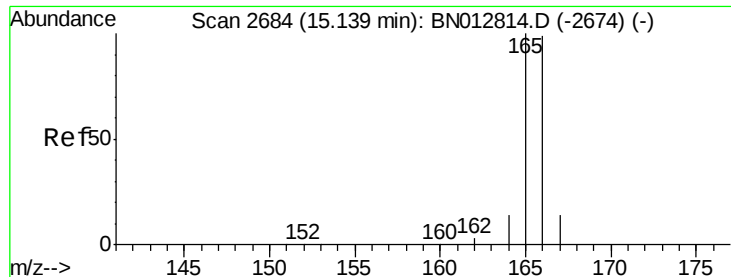
Delta R.T. 0.00 min

Lab File: BN012822.D

Acq: 02 Dec 2020 16:32

Tgt Ion:	153	Resp:	1263
Ion Ratio	Lower	Upper	
153	100		
152	52.3	41.4	62.0
154	89.1	70.9	106.3





#9

Fluorene

Concen: 0.147 ng/ul

RT: 15.13 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BN012822.D

Acq: 02 Dec 2020 16:32

Instrument :

BNA_N

ClientSampleId :

C0B20

Tot Ion:166 Resp: 1188

Ion Ratio Lower Upper

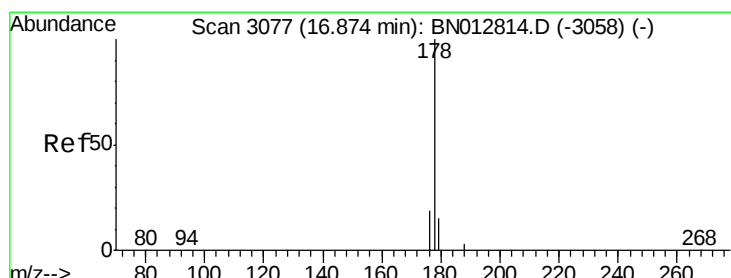
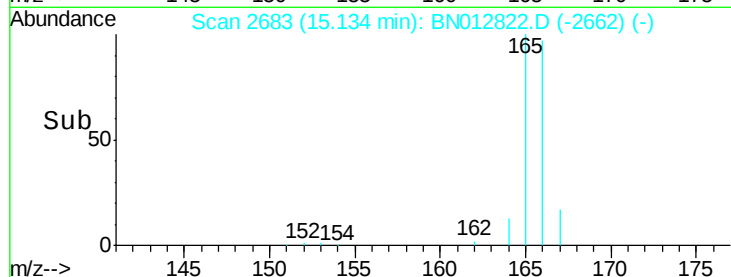
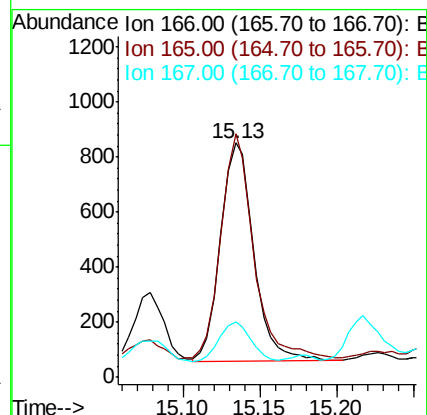
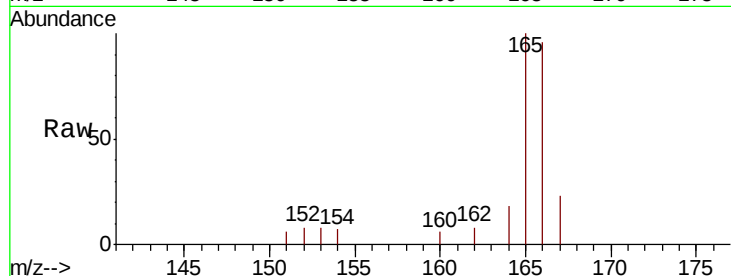
166 100

165 103.9 78.5 117.7

167 23.6 12.7 19.1#

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#12

Phenanthrene

Concen: 5.687 ng/ul

RT: 16.87 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN012822.D

Acq: 02 Dec 2020 16:32

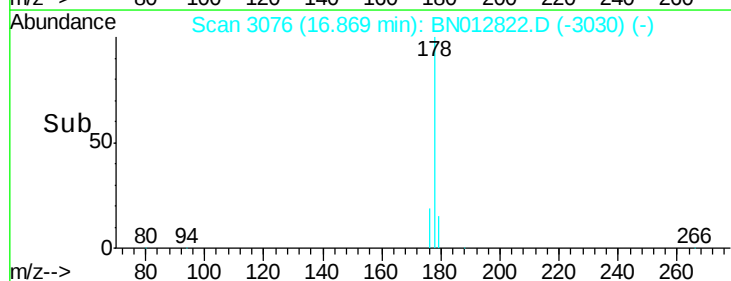
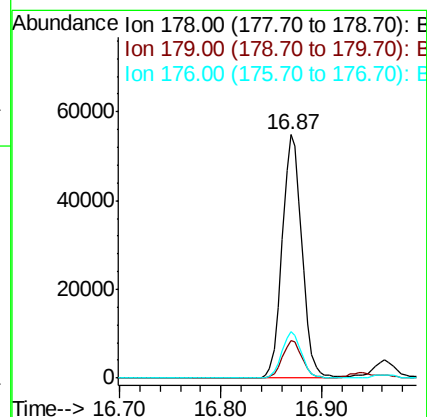
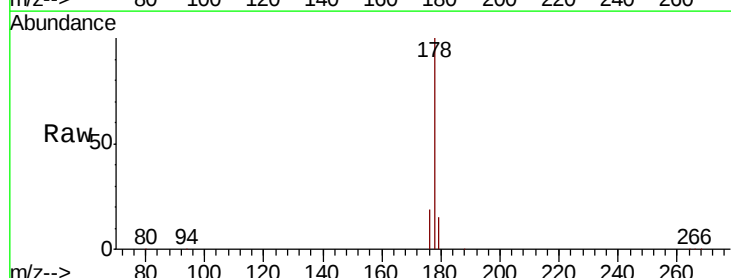
Tgt Ion:178 Resp: 75440

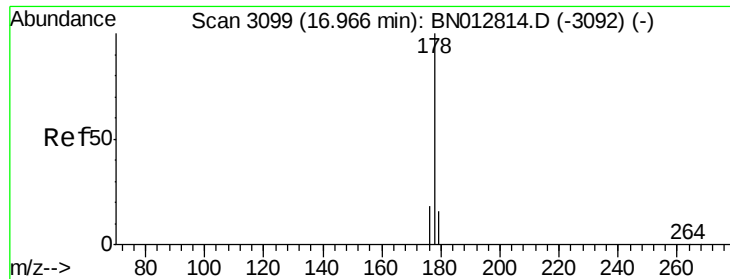
Ion Ratio Lower Upper

178 100

179 15.3 13.8 20.6

176 19.1 16.7 25.1





#13

Anthracene

Concen: 0.511 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012822.D

Acq: 02 Dec 2020 16:32

Instrument :

BNA_N

ClientSampleId :

C0B20

Tot Ion:178 Resp: 5887

Ion Ratio Lower Upper

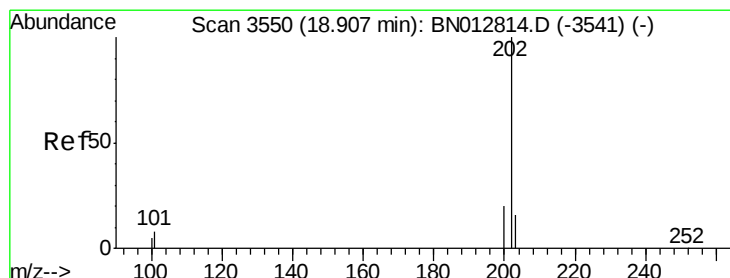
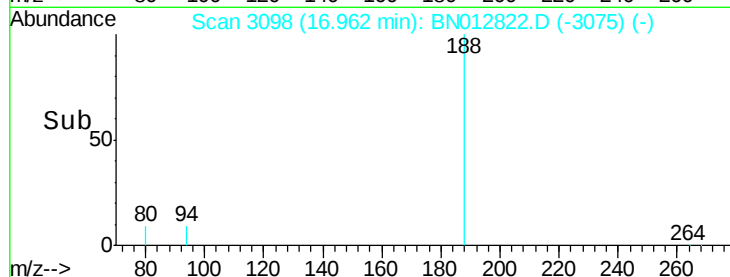
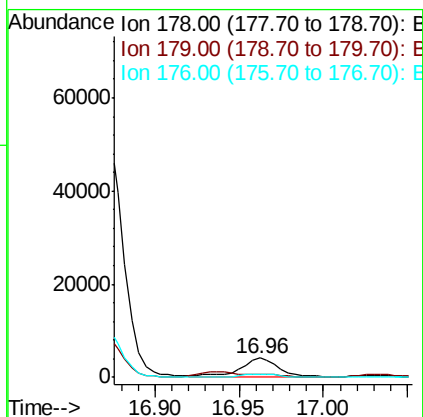
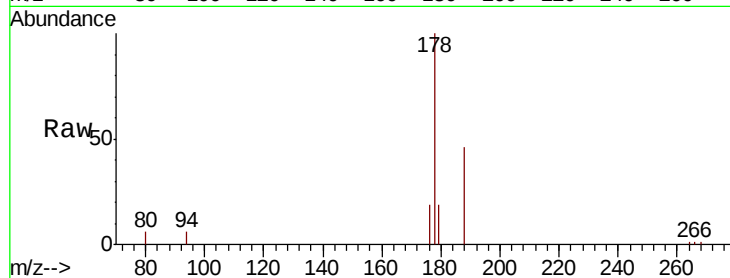
178 100

179 18.9 14.8 22.2

176 19.1 16.3 24.5

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#15

Fluoranthene

Concen: 12.904 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BN012822.D

Acq: 02 Dec 2020 16:32

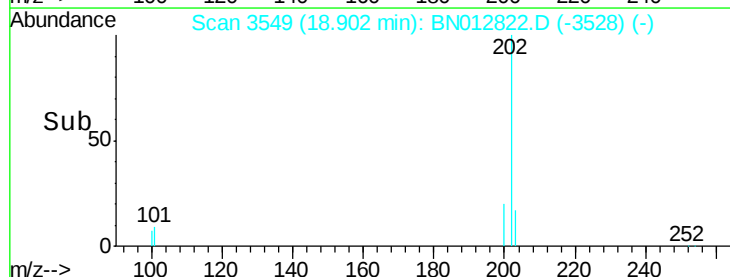
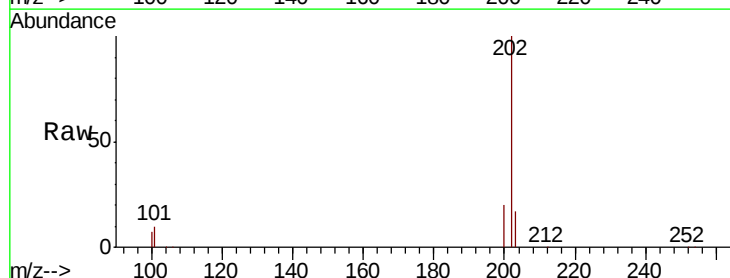
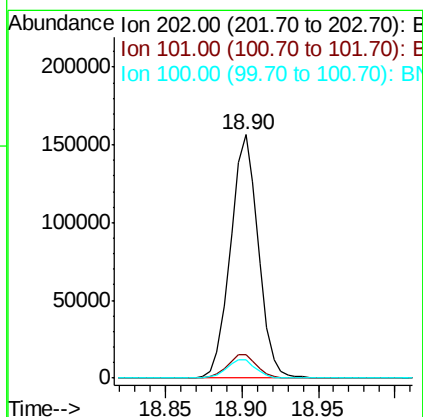
Tgt Ion:202 Resp: 197615

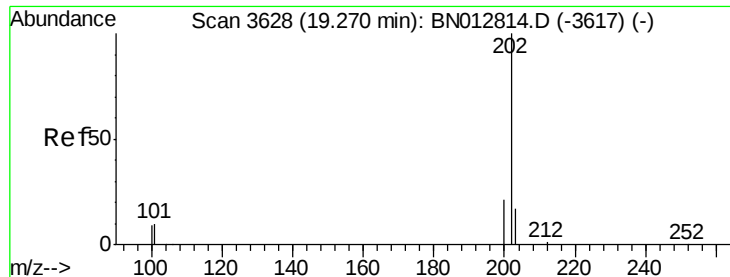
Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.5

100 7.4 0.0 28.4





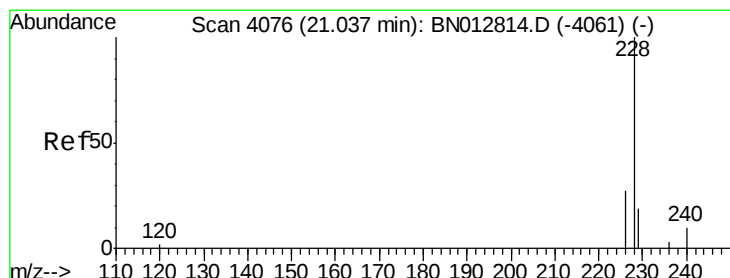
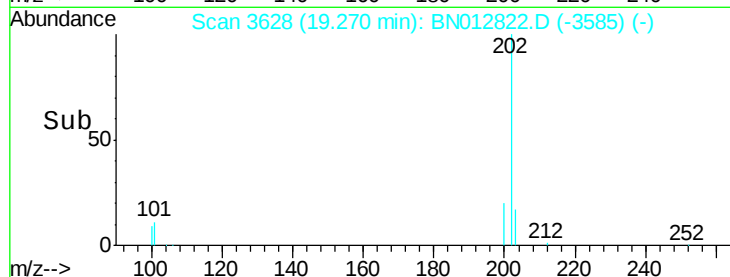
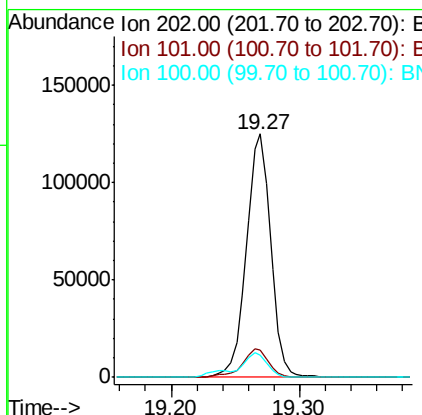
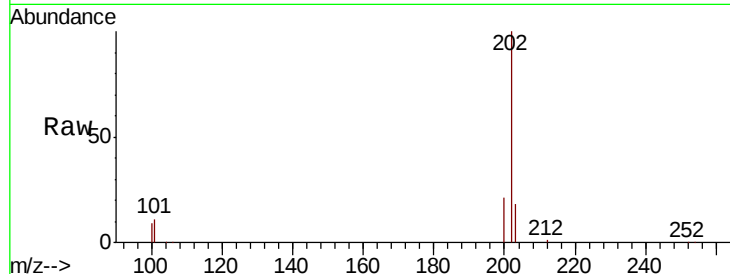
#17
Pvrene
Concen: 10.490 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. 0.00 min
Lab File: BN012822.D
Acq: 02 Dec 2020 16:32

Instrument :
BNA_N
ClientSampleId :
C0B20

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	8.9	13.3
100	9.0	7.4	11.2

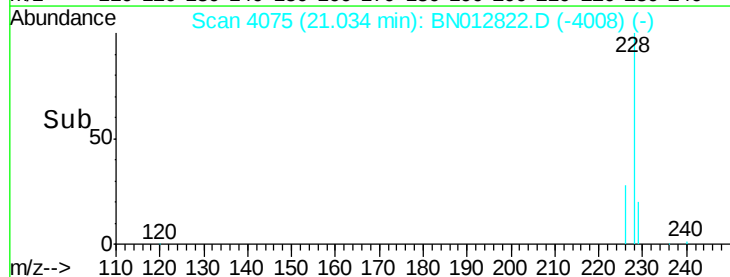
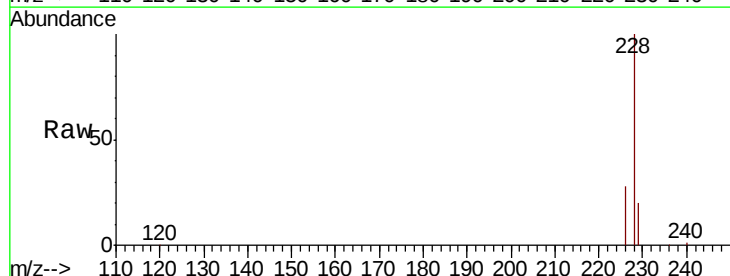
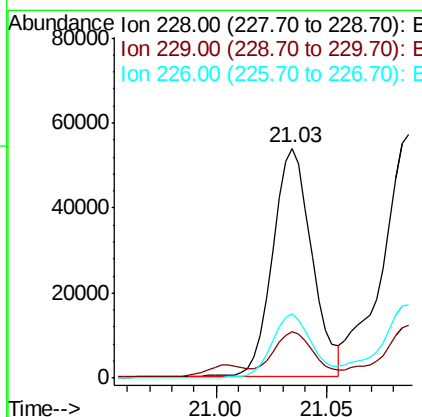
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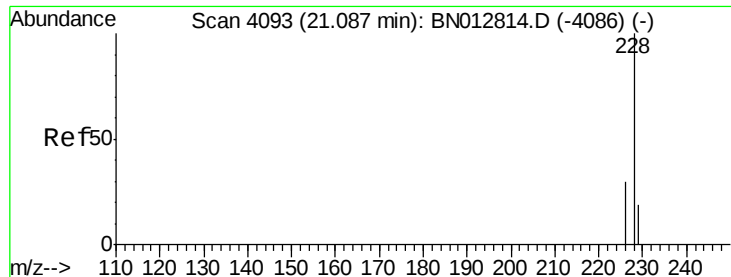
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#18
Benzo(a)anthracene
Concen: 5.210 ng/ul
RT: 21.03 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BN012822.D
Acq: 02 Dec 2020 16:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	16.9	25.3
226	27.9	23.1	34.7





#19

Chrysene

Concen: 5.180 ng/ul

RT: 21.09 min Scan# 4093

Delta R.T. 0.00 min

Lab File: BN012822.D

Acq: 02 Dec 2020 16:32

Instrument :

BNA_N

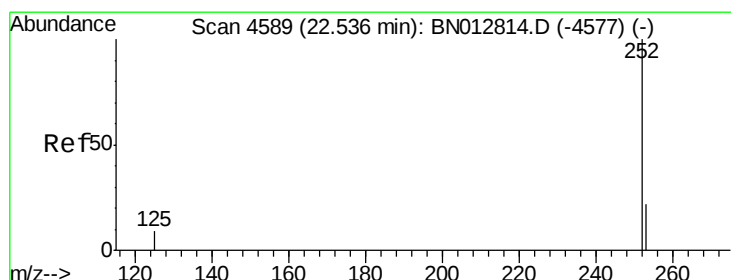
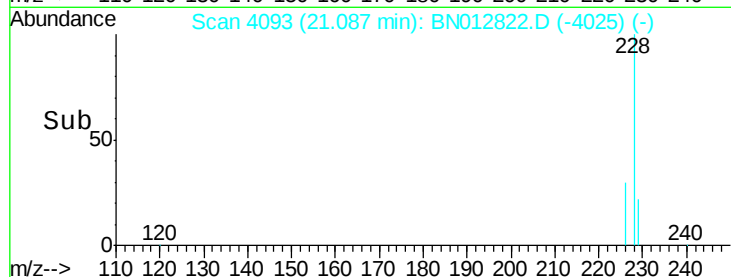
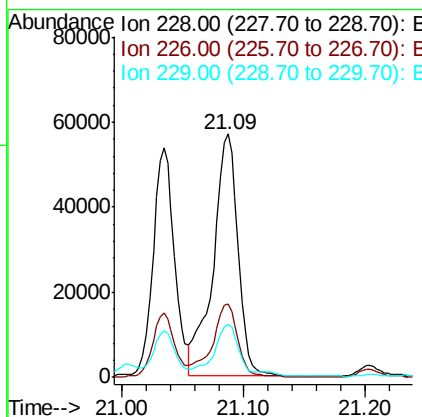
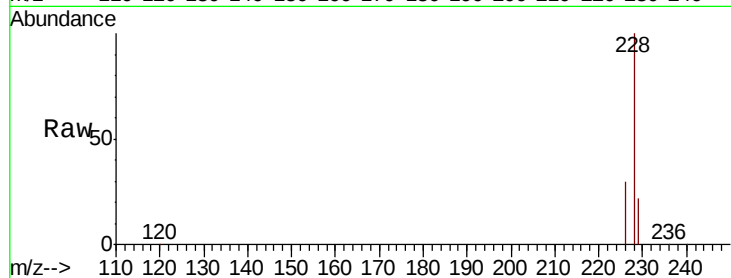
ClientSampleId :

C0B20

Tot Ion:	228	Resp:	81241
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	21.8	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 6.537 ng/ul m

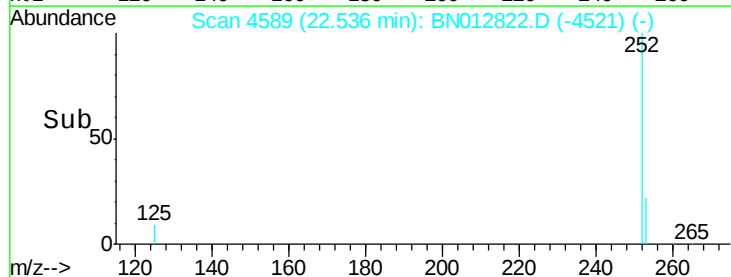
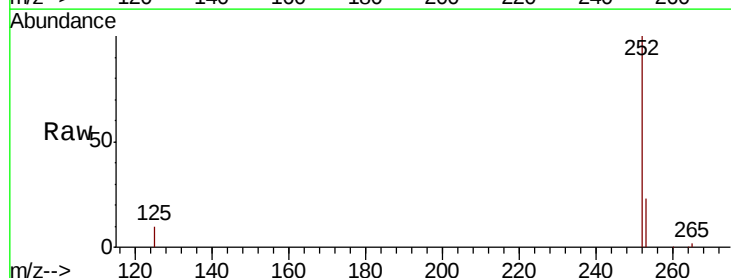
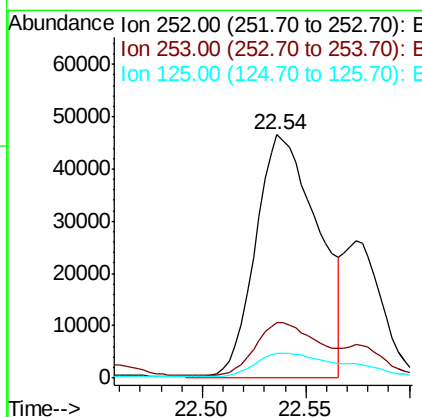
RT: 22.54 min Scan# 4589

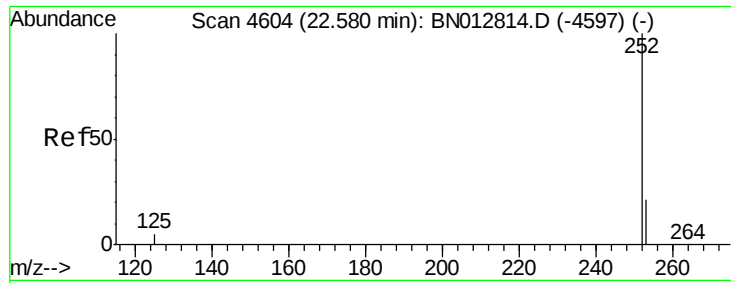
Delta R.T. 0.00 min

Lab File: BN012822.D

Acq: 02 Dec 2020 16:32

Tgt Ion:	252	Resp:	97347
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	58.4
125	10.1	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 1.976 ng/ul m

RT: 22.57 min Scan# 4602

Delta R.T. -0.01 min

Lab File: BN012822.D

Acq: 02 Dec 2020 16:32

Instrument :

BNA_N

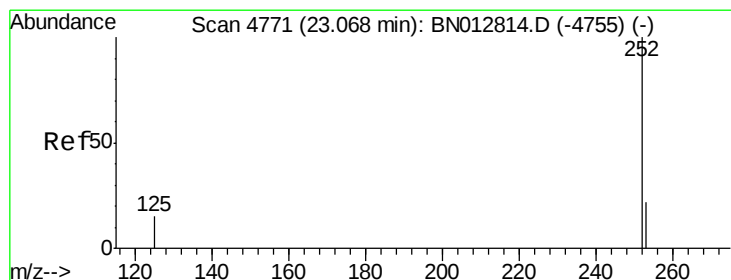
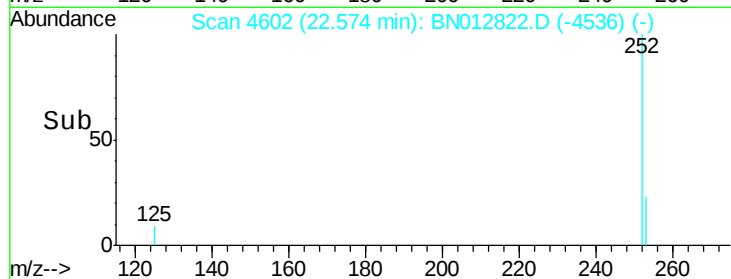
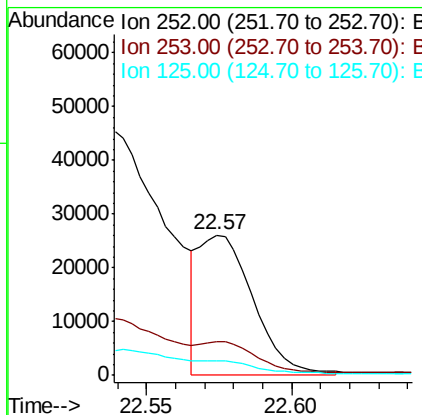
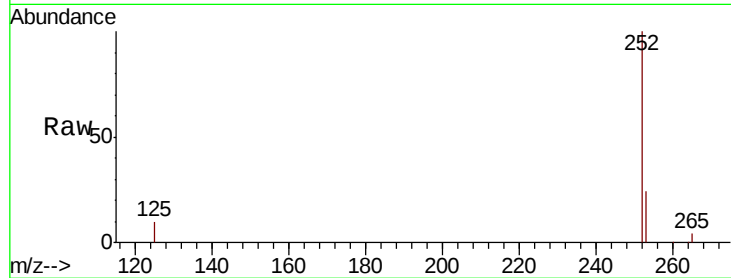
ClientSampleId :

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Tot Ion:	252	Resp:	33939
Ion Ratio	Lower	Upper	
252	100		
253	24.2	23.4	35.2
125	10.4	10.2	15.2

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#23

Benzo(a)pyrene

Concen: 4.461 ng/ul m

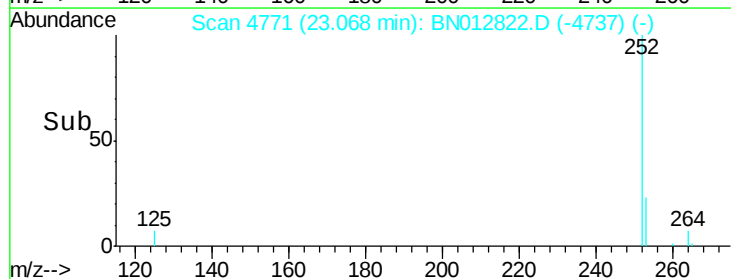
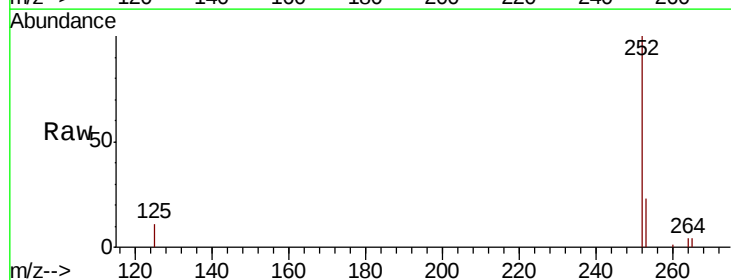
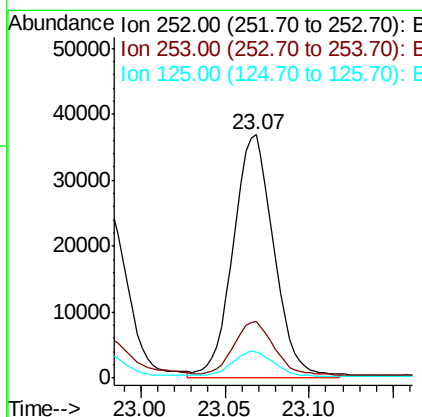
RT: 23.07 min Scan# 4771

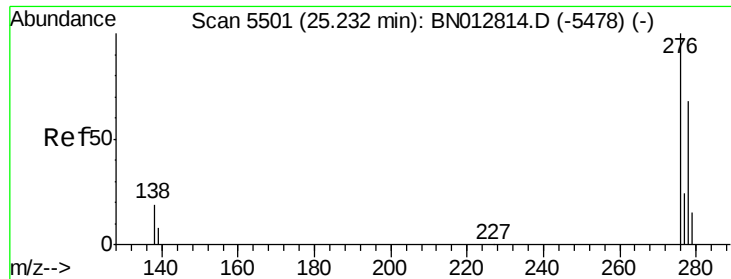
Delta R.T. 0.00 min

Lab File: BN012822.D

Acq: 02 Dec 2020 16:32

Tgt Ion:	252	Resp:	62517
Ion Ratio	Lower	Upper	
252	100		
253	23.2	27.6	41.4#
125	10.9	17.0	25.4#





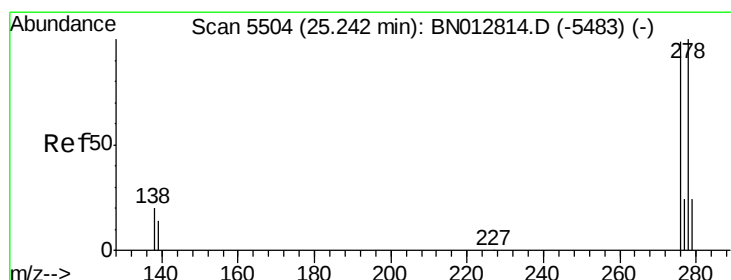
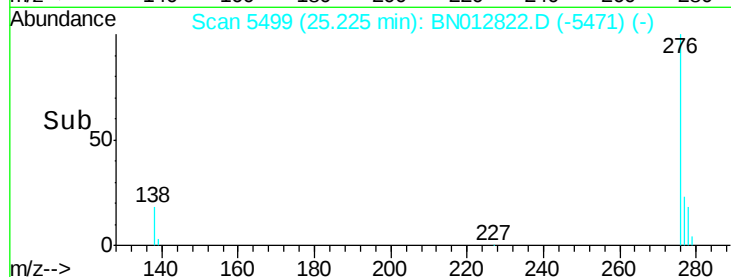
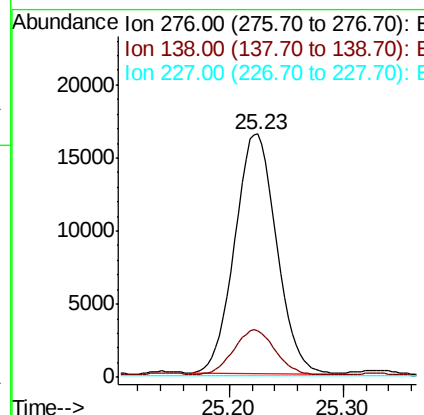
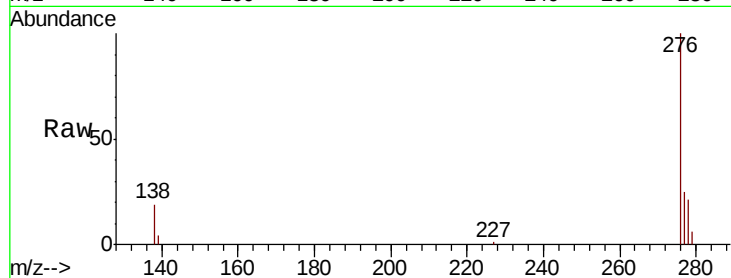
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.266 ng/ul
RT: 25.23 min Scan# 5499
Delta R.T. -0.01 min
Lab File: BN012822.D
Acq: 02 Dec 2020 16:32

Instrument :
BNA_N
ClientSampleId :
C0B20

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.5	24.7
227	0.1	0.1	0.1

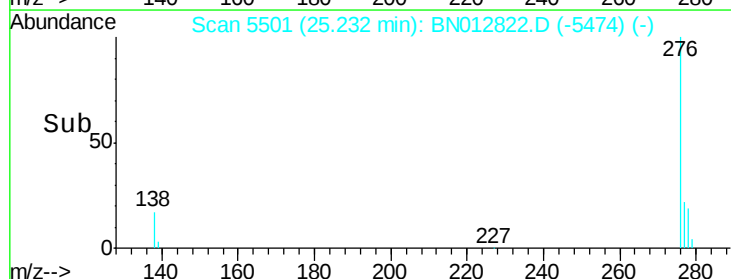
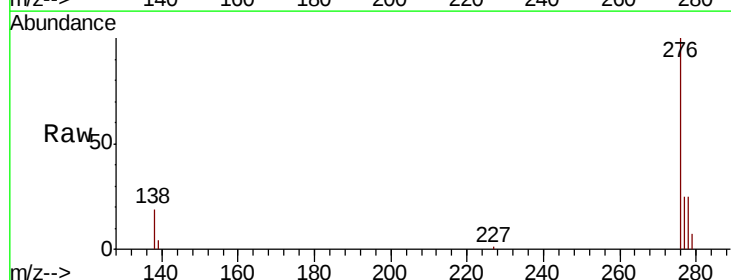
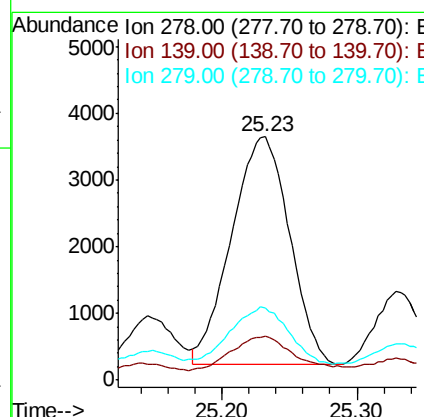
Manual Integrations
APPROVED

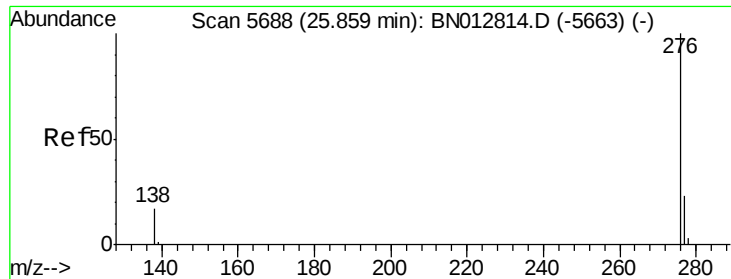
mohammad
12/3/2020 3:43:40 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.692 ng/ul
RT: 25.23 min Scan# 5501
Delta R.T. -0.01 min
Lab File: BN012822.D
Acq: 02 Dec 2020 16:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.8	20.8
279	29.5	25.6	38.4





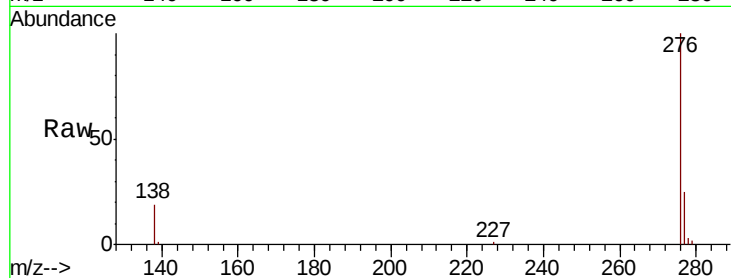
#26
 Benzo(a,h,i)perylene
 Concen: 2.176 ng/ul
 RT: 25.85 min Scan# 5685
 Delta R.T. -0.01 min
 Lab File: BN012822.D
 Acq: 02 Dec 2020 16:32

Instrument :
 BNA_N
 ClientSampleId :
 C0B20

Tot Ion:	276	Resp:	35894
Ion Ratio	Lower	Upper	
276	100		
138	19.4	16.3	24.5
277	24.6	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:43:40 PM



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

