

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012201.D
 Acq On : 14 Oct 2020 19:07
 Operator : CG/JU
 Sample : L4166-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4

Manual Integrations
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mohammad
 10/15/2020 8:20:51 AM

Quant Time: Oct 15 00:58:18 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 : Thu Oct 15 00:46:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1151	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4663	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2759	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	5817	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	5618	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6016	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1161	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	2875	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	5558	0.413	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	1153	0.135	ng/ul	99
7) Acenaphthylene	13.98	152	2043	0.171	ng/ul#	89
8) Acenaphthene	14.32	153	25556	2.526	ng/ul	99
9) Fluorene	15.32	166	12553	1.115	ng/ul	99
12) Phenanthrene	17.05	178	31303	1.688	ng/ul	98
13) Anthracene	17.14	178	47739	3.001	ng/ul	97
15) Fluoranthene	19.07	202	118246	5.454	ng/ul	99
17) Pyrene	19.44	202	84516	3.337	ng/ul	98
18) Benzo(a)anthracene	21.19	228	37472	1.801	ng/ul	98
19) Chrysene	21.25	228	53869	2.125	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	41825m	1.721	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	17237m	0.641	ng/ul	
23) Benzo(a)pyrene	23.30	252	25558	1.081	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.58	276	14020	0.462	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	4261	0.175	ng/ul#	86
26) Benzo(a,h,i)perylene	26.25	276	12039	0.433	ng/ul	98

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

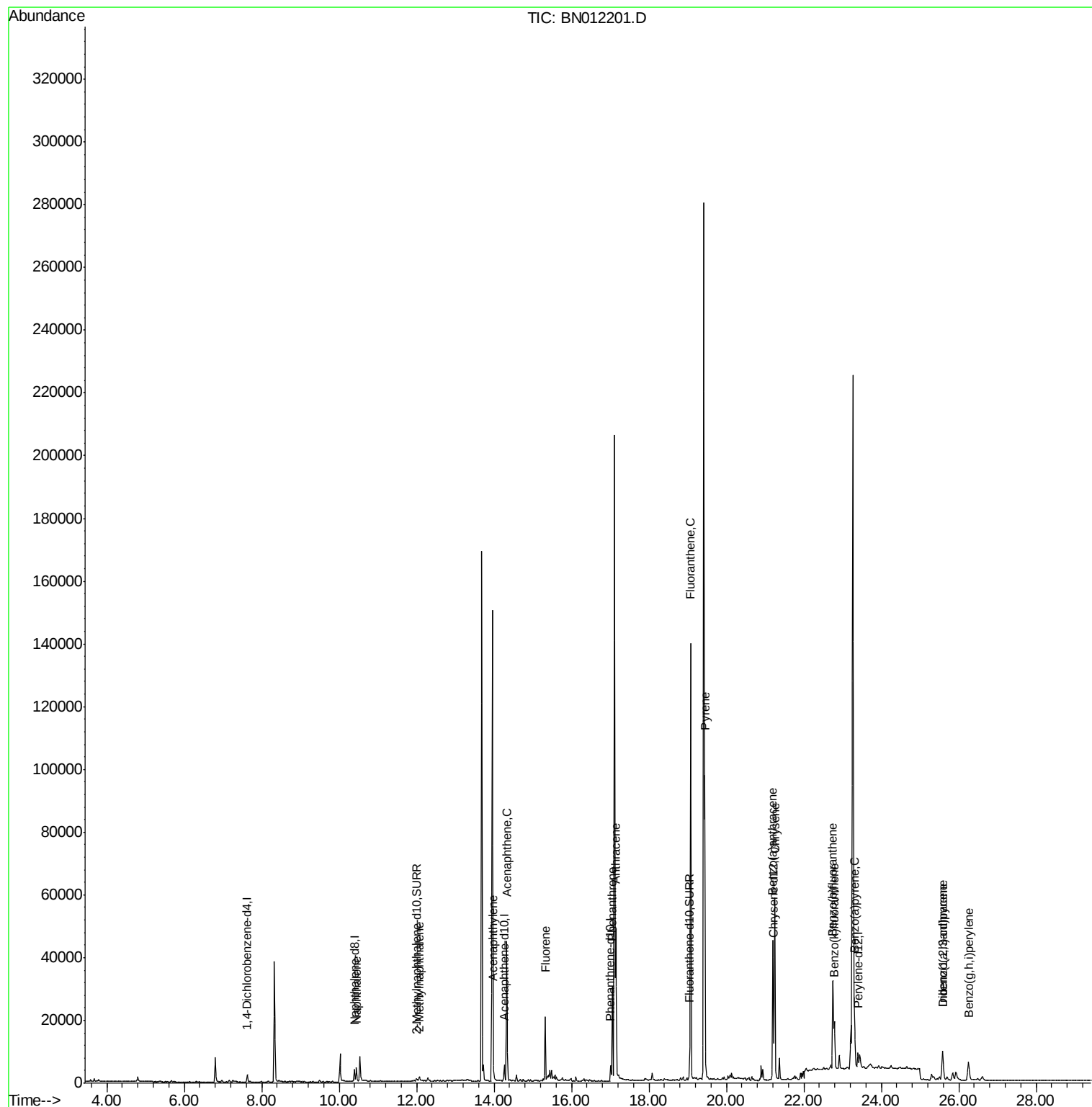
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012201.D
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Operator : CG/JU
Sample : L4166-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

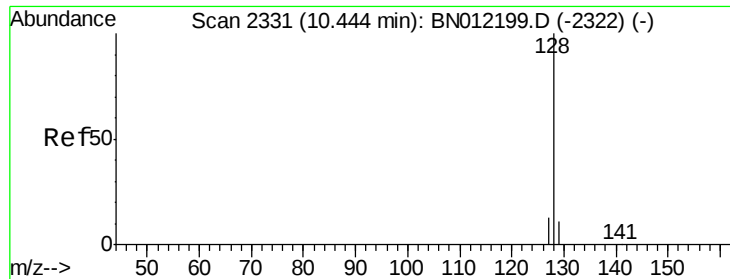
Instrument :
BNA_N
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C0AE4

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Quant Time: Oct 15 00:58:18 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 : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.413 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BN012201.D

Acq: 14 Oct 2020 19:07

Instrument :

BNA_N

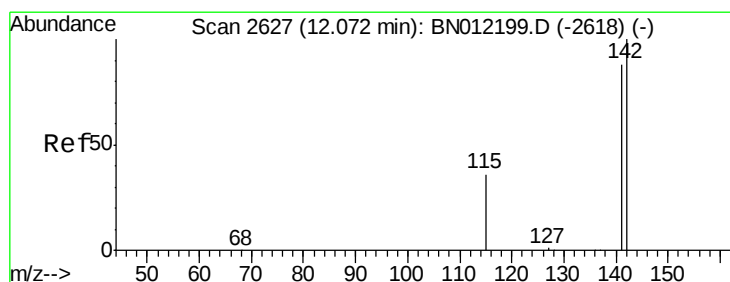
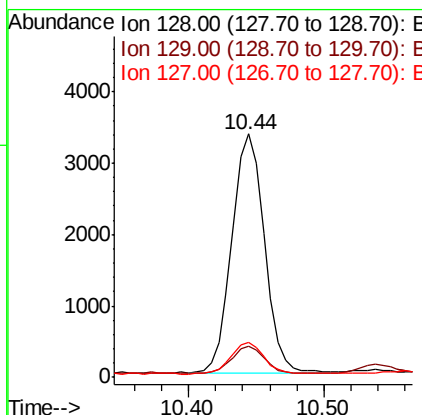
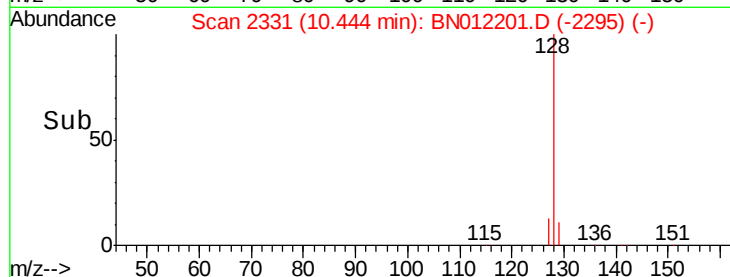
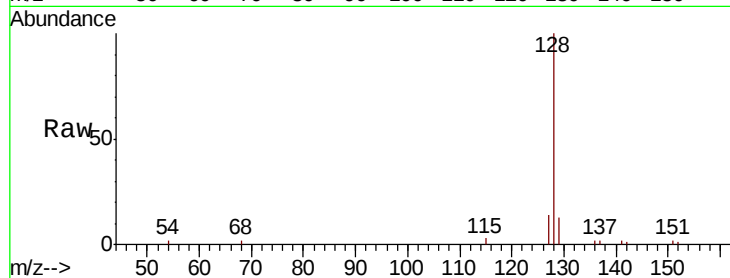
ClientSampleId :

C0AE4

Tot Ion:	128	Resp:	5558
Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.3	15.5
127	14.5	11.9	17.9

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#5

2-Methylnaphthalene

Concen: 0.135 ng/ul

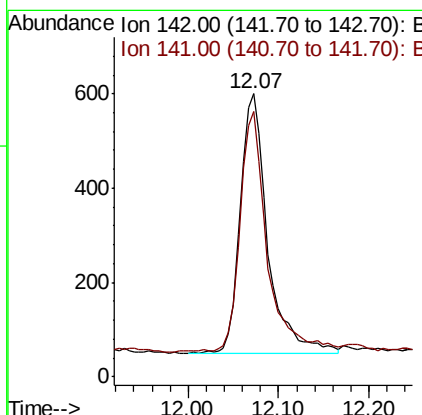
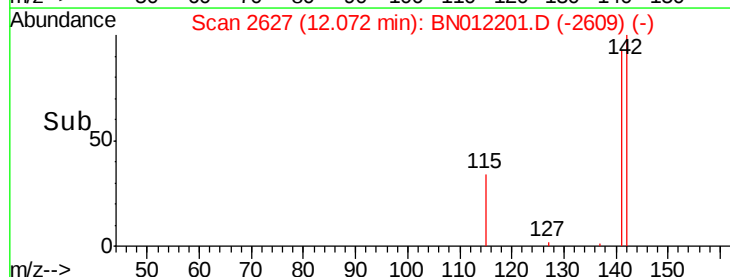
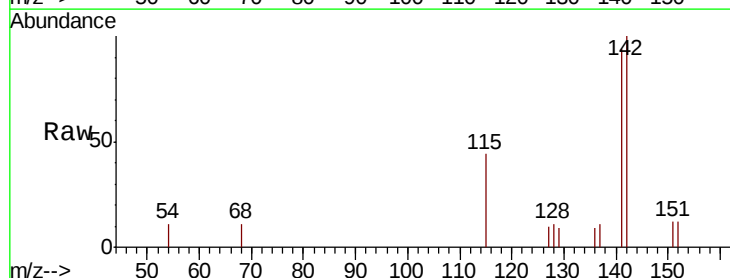
RT: 12.07 min Scan# 2627

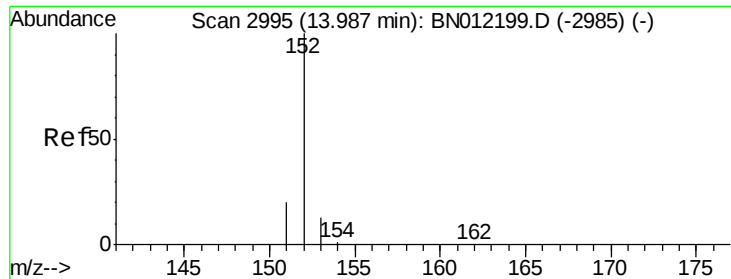
Delta R.T. 0.00 min

Lab File: BN012201.D

Acq: 14 Oct 2020 19:07

Tgt Ion:	142	Resp:	1153
Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.7	107.5





#7

Acenaphthylene

Concen: 0.171 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012201.D

Acq: 14 Oct 2020 19:07

Instrument :

BNA_N

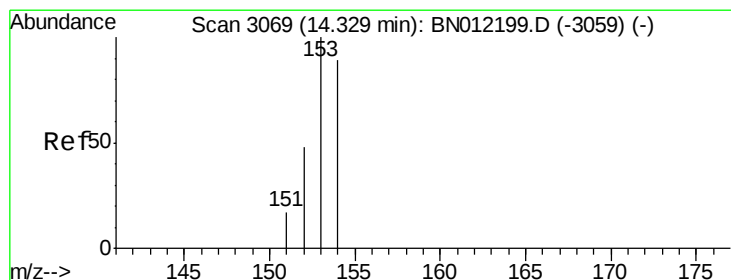
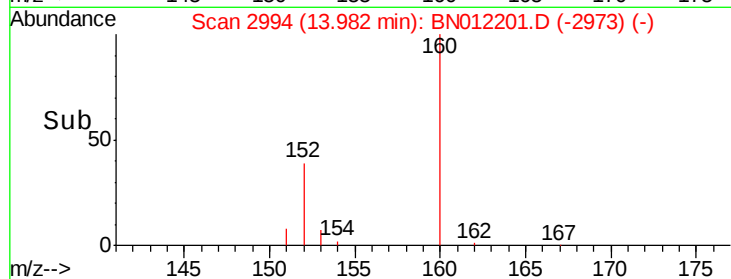
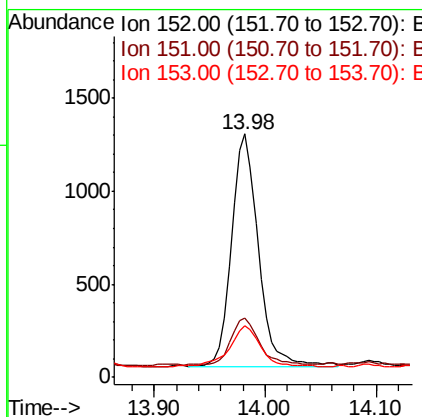
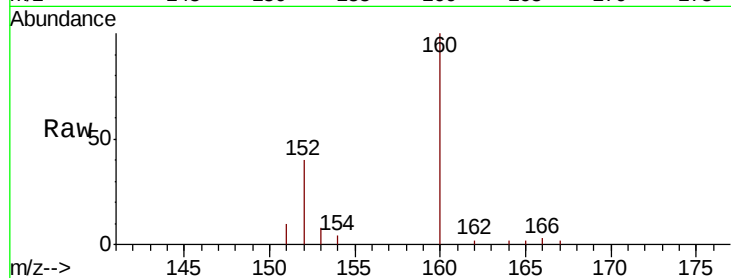
ClientSampleId :

C0AE4

Tot Ion:	152	Resp:	2043
Ion Ratio	Lower	Upper	
152	100		
151	24.5	16.7	25.1
153	21.3	11.8	17.8

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#8

Acenaphthene

Concen: 2.526 ng/ul

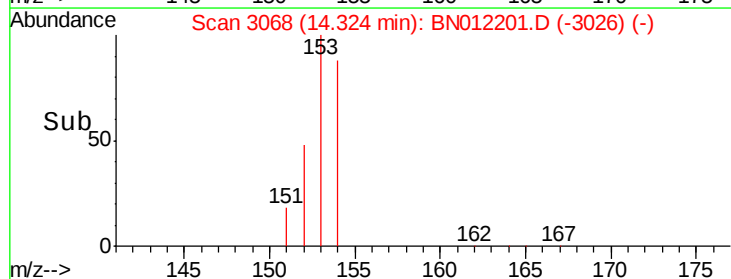
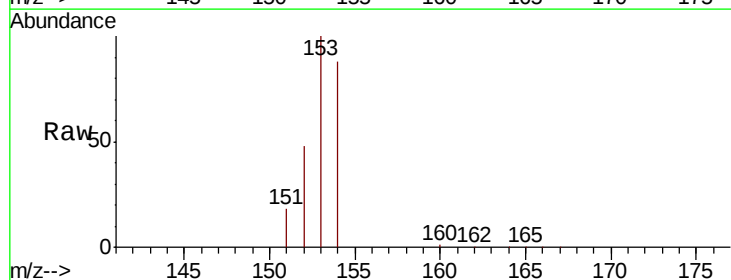
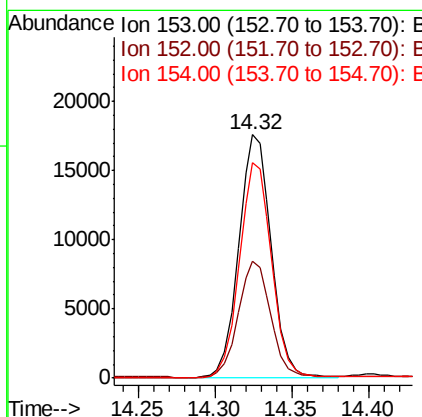
RT: 14.32 min Scan# 3068

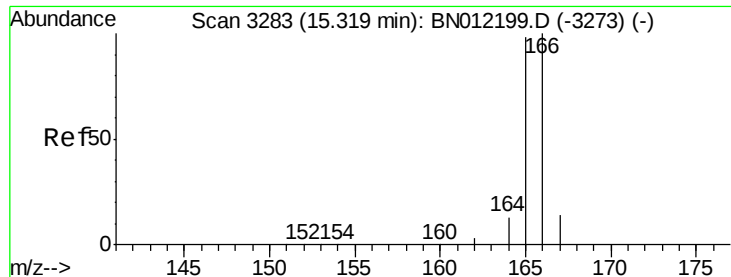
Delta R.T. -0.00 min

Lab File: BN012201.D

Acq: 14 Oct 2020 19:07

Tgt Ion:	153	Resp:	25556
Ion Ratio	Lower	Upper	
153	100		
152	48.0	38.2	57.2
154	88.4	71.1	106.7





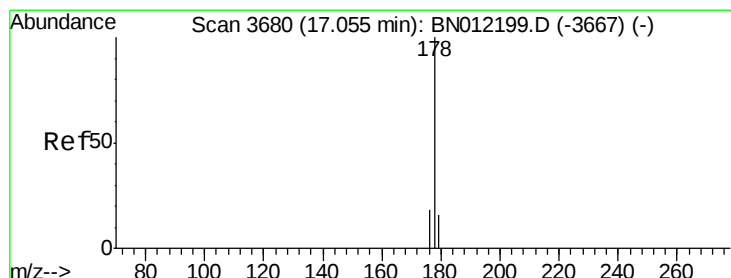
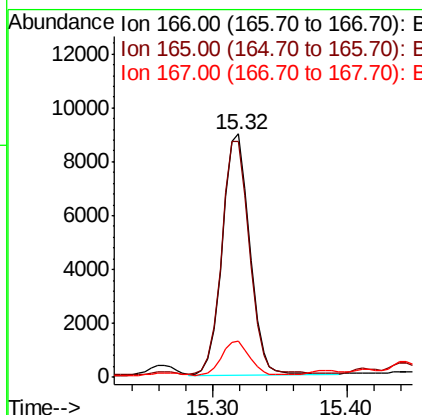
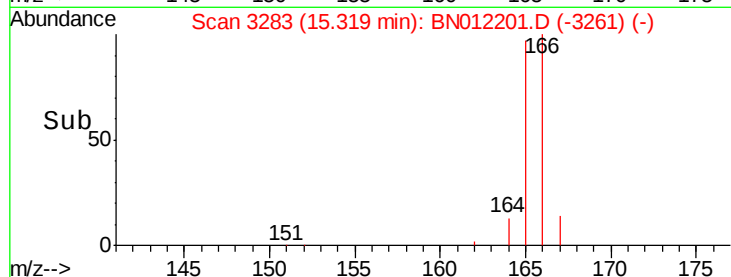
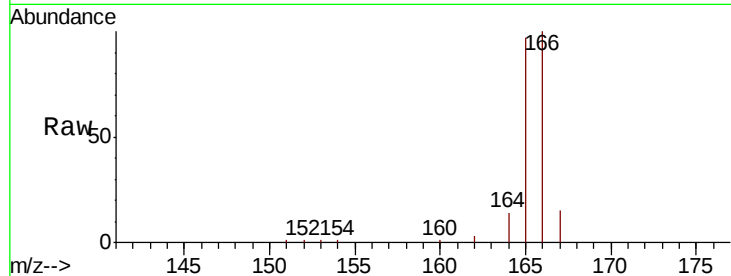
#9
Fluorene
 Concen: 1.115 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. 0.00 min
 Lab File: BN012201.D
 Acq: 14 Oct 2020 19:07

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.6	118.0
167	14.7	11.9	17.9

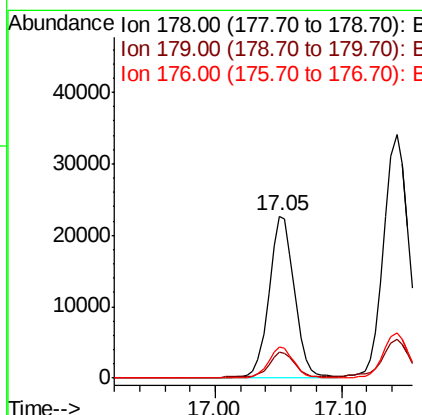
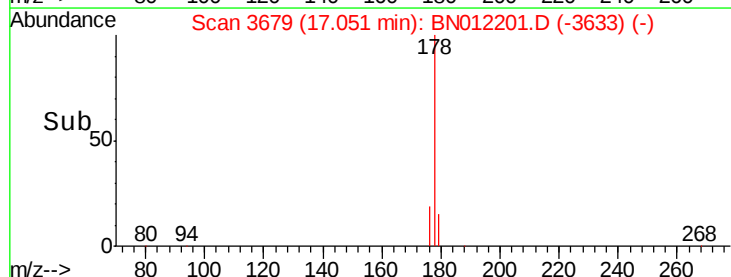
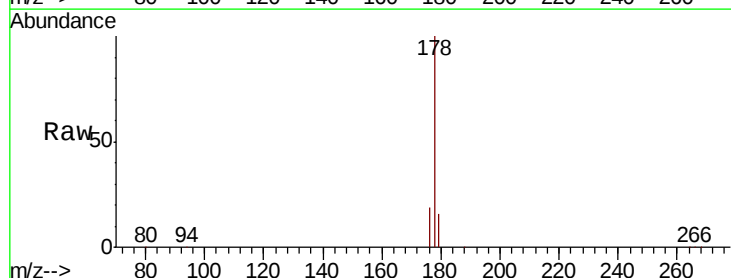
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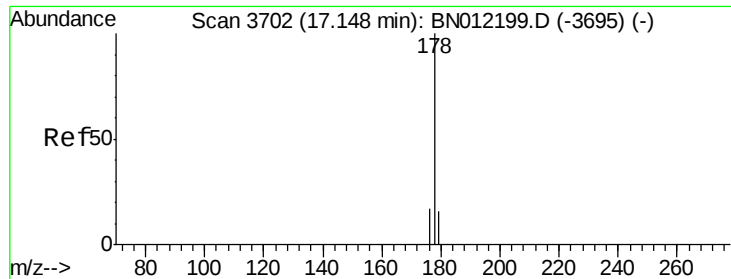
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#12
Phenanthrene
 Concen: 1.688 ng/ul
 RT: 17.05 min Scan# 3679
 Delta R.T. -0.00 min
 Lab File: BN012201.D
 Acq: 14 Oct 2020 19:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.4	20.2
176	19.0	15.7	23.5





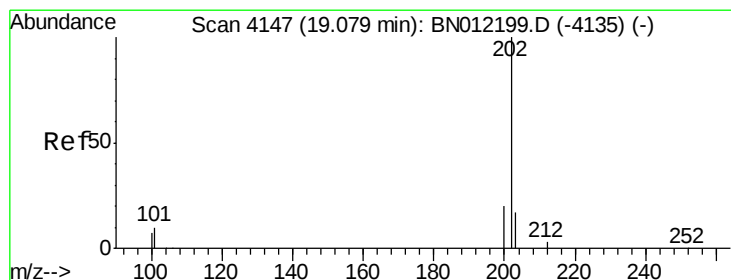
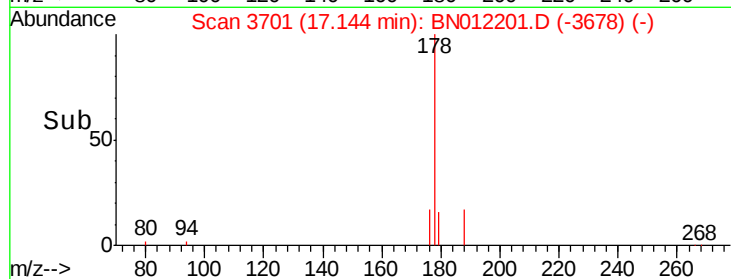
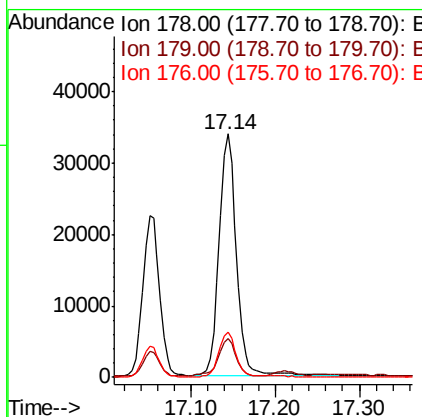
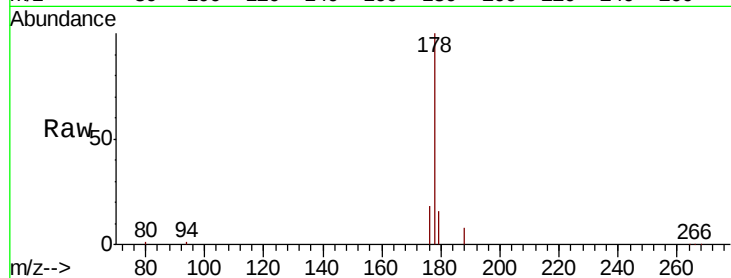
#13
 Anthracene
 Concen: 3.001 ng/ul
 RT: 17.14 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BN012201.D
 Acq: 14 Oct 2020 19:07

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4

Tot Ion:178 Resp: 47739
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.9 20.9
 176 18.3 15.4 23.0

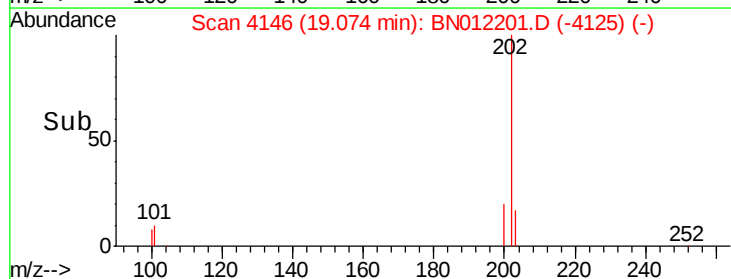
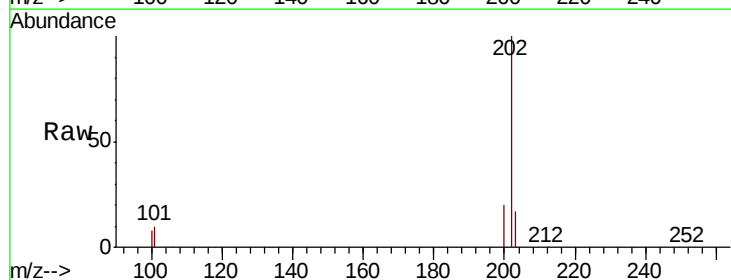
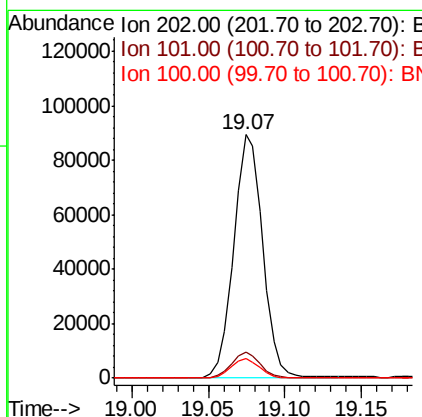
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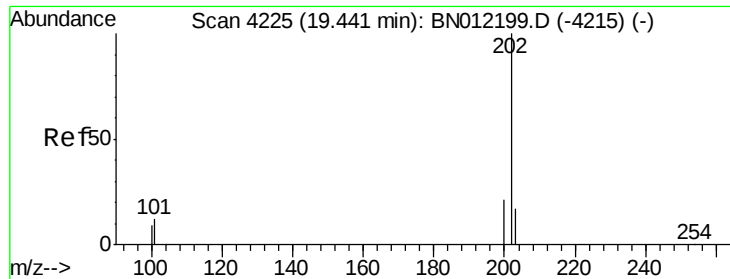
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#15
 Fluoranthene
 Concen: 5.454 ng/ul
 RT: 19.07 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN012201.D
 Acq: 14 Oct 2020 19:07

Tgt Ion:202 Resp: 118246
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 31.0
 100 8.1 0.0 28.7





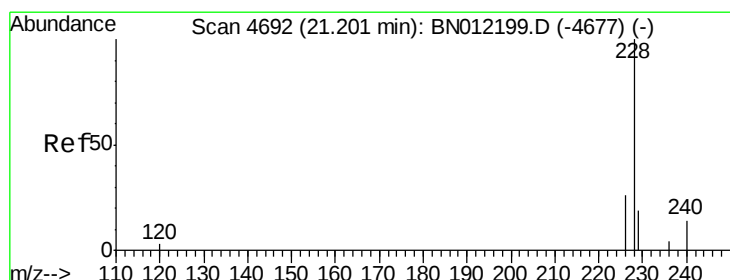
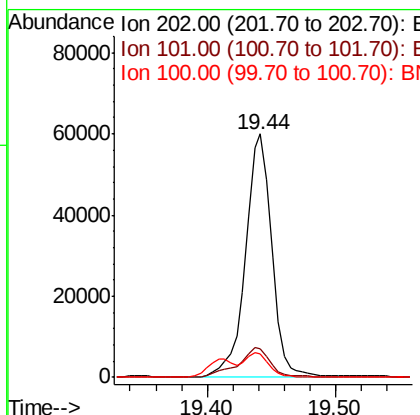
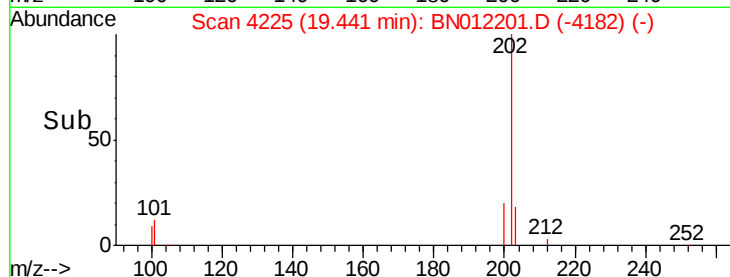
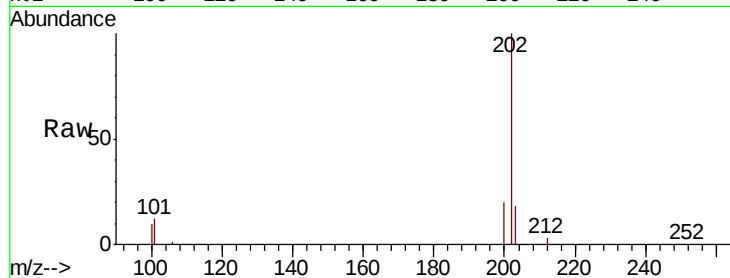
#17
Pvrene
Concen: 3.337 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN012201.D
Acq: 14 Oct 2020 19:07

Instrument :
BNA_N
ClientSampleId :
C0AE4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	9.9	14.9
100	9.6	8.0	12.0

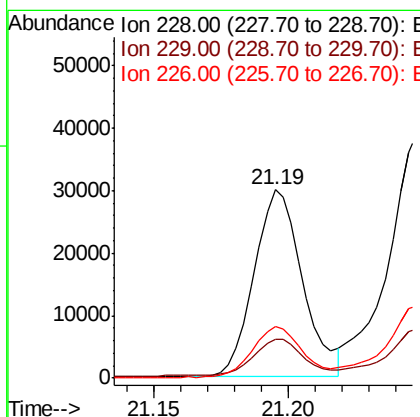
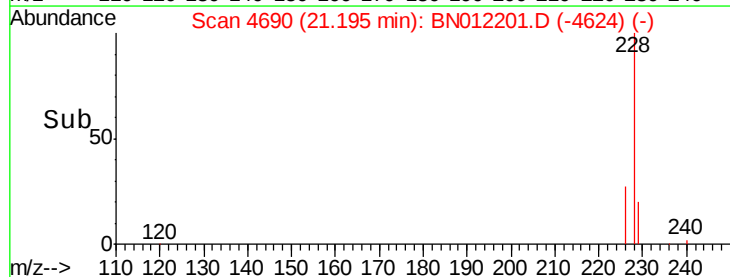
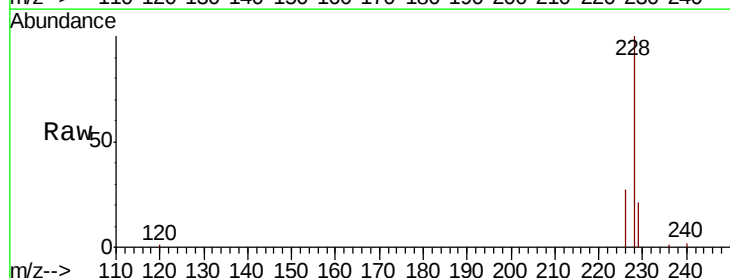
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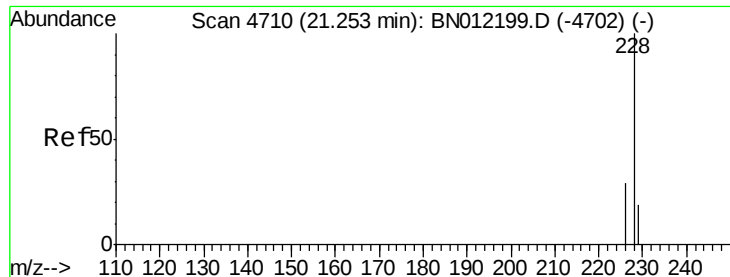
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#18
Benzo(a)anthracene
Concen: 1.801 ng/ul
RT: 21.19 min Scan# 4690
Delta R.T. -0.01 min
Lab File: BN012201.D
Acq: 14 Oct 2020 19:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	15.8	23.8
226	27.2	22.6	33.8





#19

Chrysene

Concen: 2.125 ng/ul

RT: 21.25 min Scan# 4708

Delta R.T. -0.01 min

Lab File: BN012201.D

Acq: 14 Oct 2020 19:07

Instrument :

BNA_N

ClientSampled :

C0AE4

Tot Ion:228 Resp: 53869

Ion Ratio Lower Upper

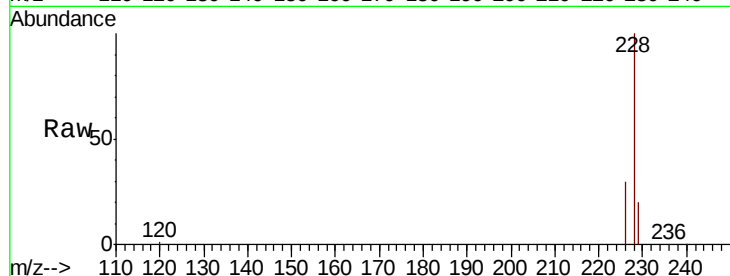
228 100

226 29.8 24.6 37.0

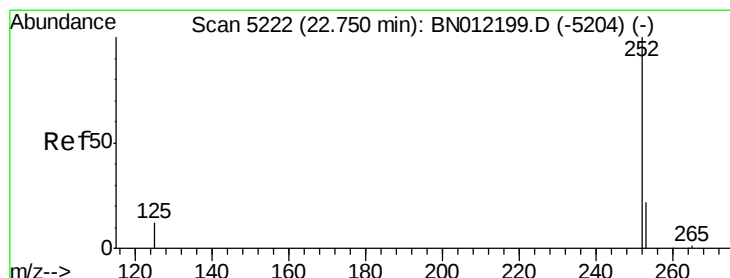
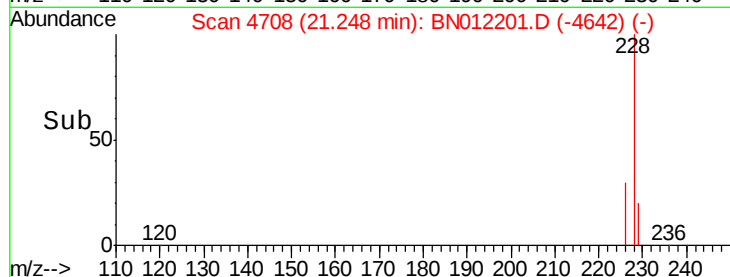
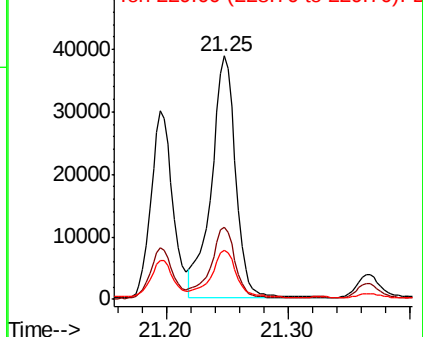
229 20.2 17.0 25.6

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



#21

Benzo(b)fluoranthene

Concen: 1.721 ng/ul m

RT: 22.75 min Scan# 5221

Delta R.T. -0.00 min

Lab File: BN012201.D

Acq: 14 Oct 2020 19:07

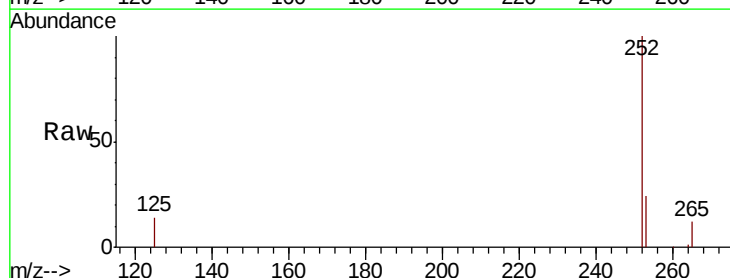
Tgt Ion:252 Resp: 41825

Ion Ratio Lower Upper

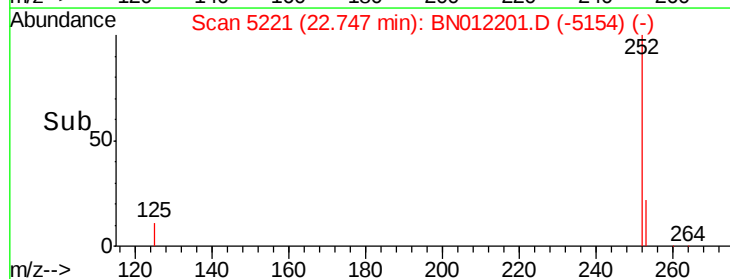
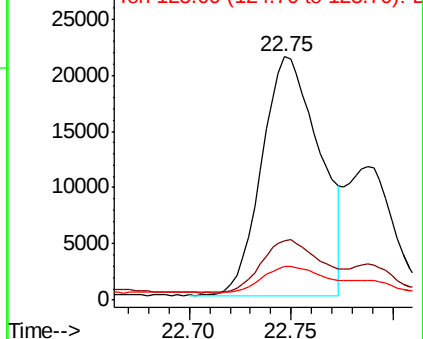
252 100

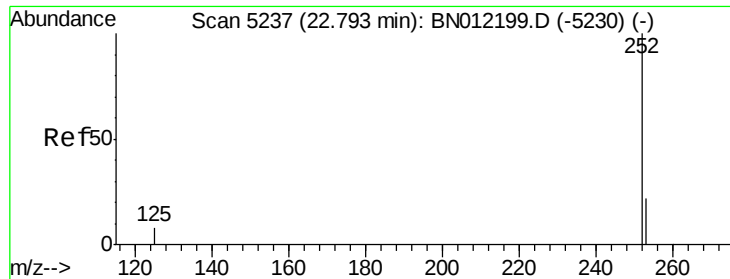
253 24.3 0.0 61.6

125 13.8 0.0 36.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





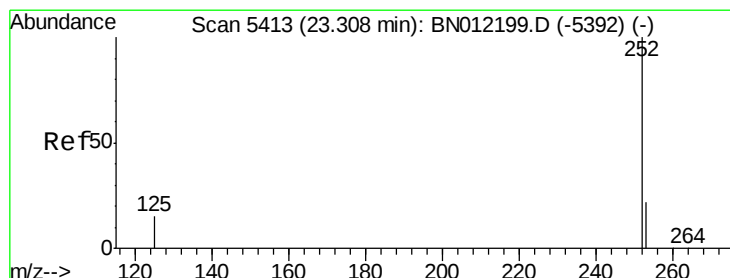
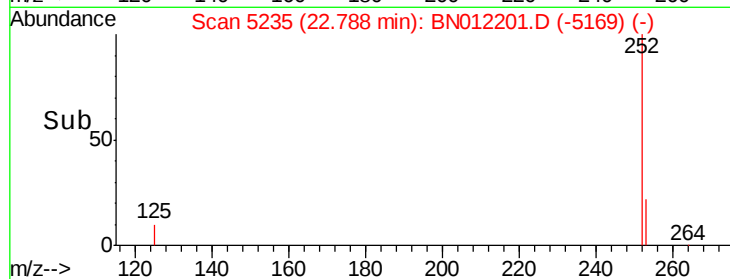
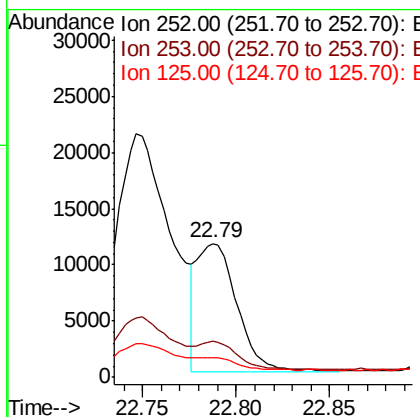
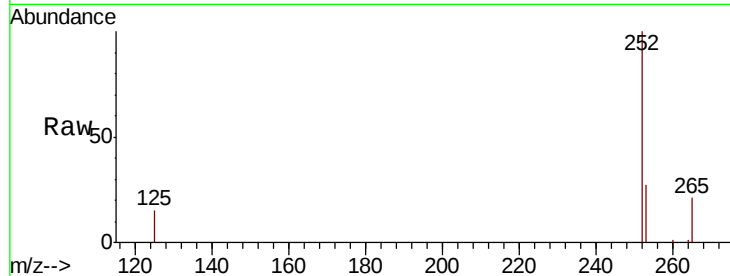
#22
Benzo(k)fluoranthene
Concen: 0.641 ng/ul m
RT: 22.79 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN012201.D
Acq: 14 Oct 2020 19:07

Instrument :
BNA_N
ClientSampleId :
C0AE4

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	24.4	36.6
125	14.9	12.9	19.3

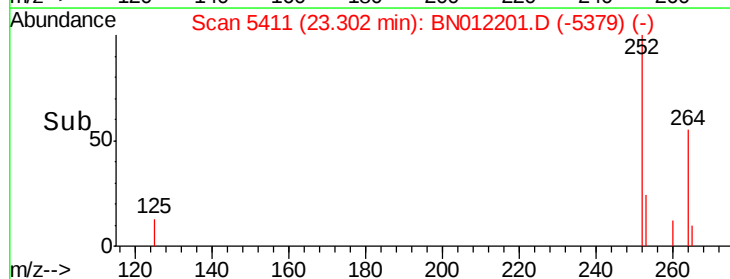
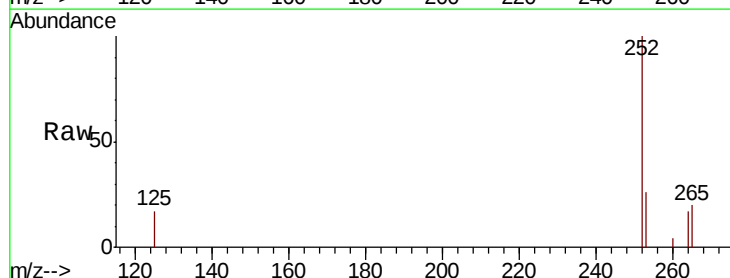
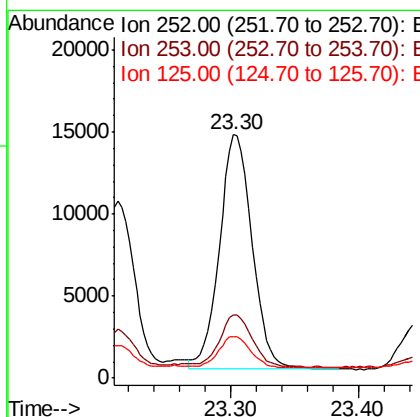
Manual Integrations
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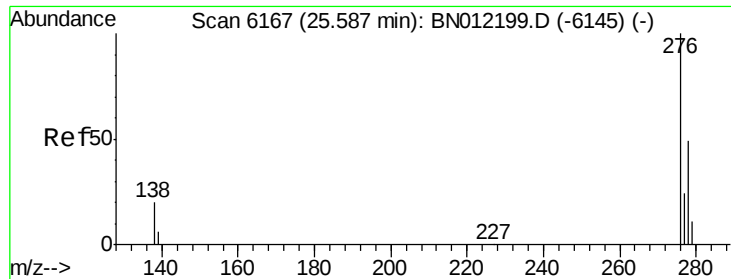
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#23
Benzo(a)pyrene
Concen: 1.081 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. -0.01 min
Lab File: BN012201.D
Acq: 14 Oct 2020 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	27.0	40.4#
125	17.1	18.8	28.2#





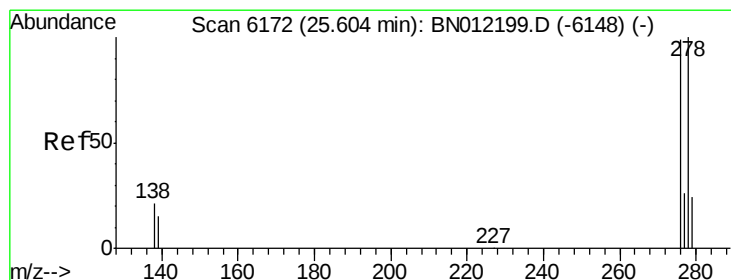
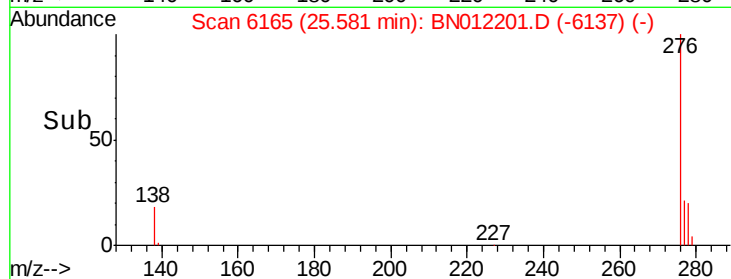
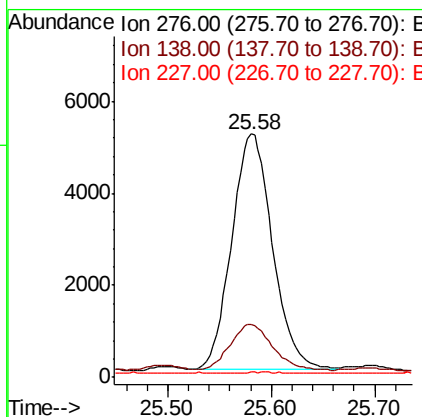
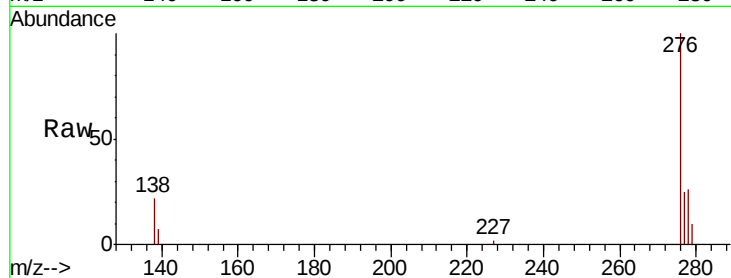
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.462 ng/ul
 RT: 25.58 min Scan# 6165
 Delta R.T. -0.01 min
 Lab File: BN012201.D
 Acq: 14 Oct 2020 19:07

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	20.2	0.0	0.0#
227	0.1	0.0	0.0#

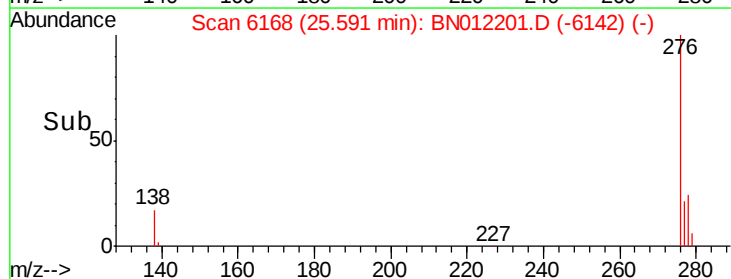
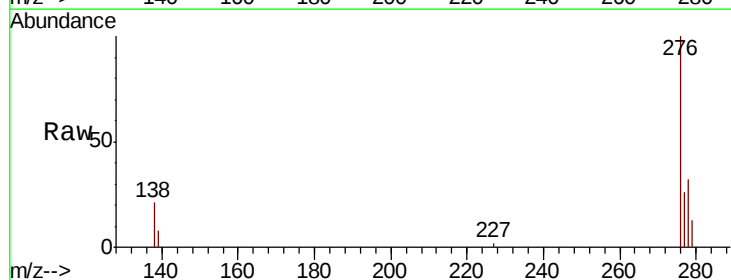
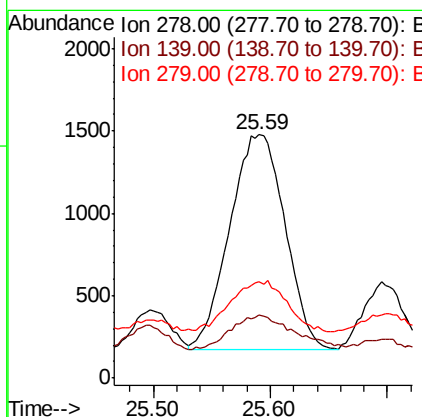
Manual Integrations
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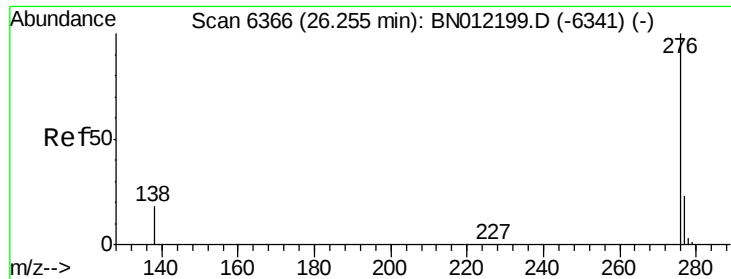
mohammad
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.175 ng/ul
 RT: 25.59 min Scan# 6168
 Delta R.T. -0.01 min
 Lab File: BN012201.D
 Acq: 14 Oct 2020 19:07

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	26.2	15.7	23.5#
279	39.9	26.0	39.0#





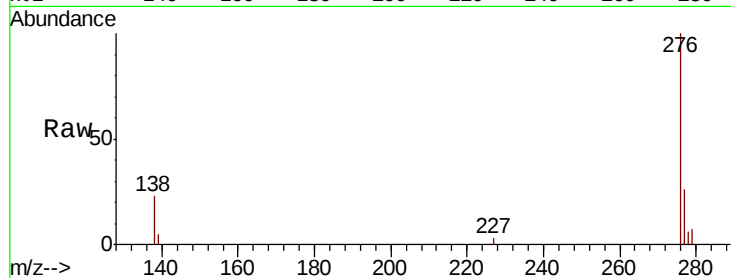
#26
 Benzo(a,h,i)perylene
 Concen: 0.433 ng/ul
 RT: 26.25 min Scan# 6364
 Delta R.T. -0.01 min
 Lab File: BN012201.D
 Acq: 14 Oct 2020 19:07

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4

Tot Ion:	276	Resp:	12039
Ion Ratio	Lower	Upper	
276	100		
138	22.7	17.1	25.7
277	25.8	21.1	31.7

Manual Integrations
 APPROVED

mohammad
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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

