

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012202.D
 Acq On : 14 Oct 2020 19:43
 Operator : CG/JU
 Sample : L4166-11DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4DL

Manual Integrations
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Quant Time: Oct 15 01:03:04 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	1479	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	5788	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3250	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6804	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6002	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6214	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	236	0.03	ng/ul	0.02
14) Fluoranthene-d10	19.05	212	555	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1185	0.071	ng/ul#	88
5) 2-Methylnaphthalene	12.08	142	219	0.021	ng/ul	83
7) Acenaphthylene	13.98	152	421	0.030	ng/ul#	62
8) Acenaphthene	14.33	153	5180	0.435	ng/ul	100
9) Fluorene	15.32	166	2455	0.185	ng/ul	98
12) Phenanthrene	17.06	178	6051	0.279	ng/ul	100
13) Anthracene	17.14	178	8718	0.469	ng/ul	98
15) Fluoranthene	19.07	202	22015	0.868	ng/ul	100
17) Pyrene	19.44	202	16595	0.613	ng/ul	99
18) Benzo(a)anthracene	21.20	228	6502	0.292	ng/ul	98
19) Chrysene	21.25	228	9868	0.364	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	7615m	0.303	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	3459m	0.125	ng/ul	
23) Benzo(a)pyrene	23.30	252	4558	0.187	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.58	276	2580	0.082	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	730	0.029	ng/ul#	7
26) Benzo(a,h,i)perylene	26.25	276	2293	0.080	ng/ul#	86

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

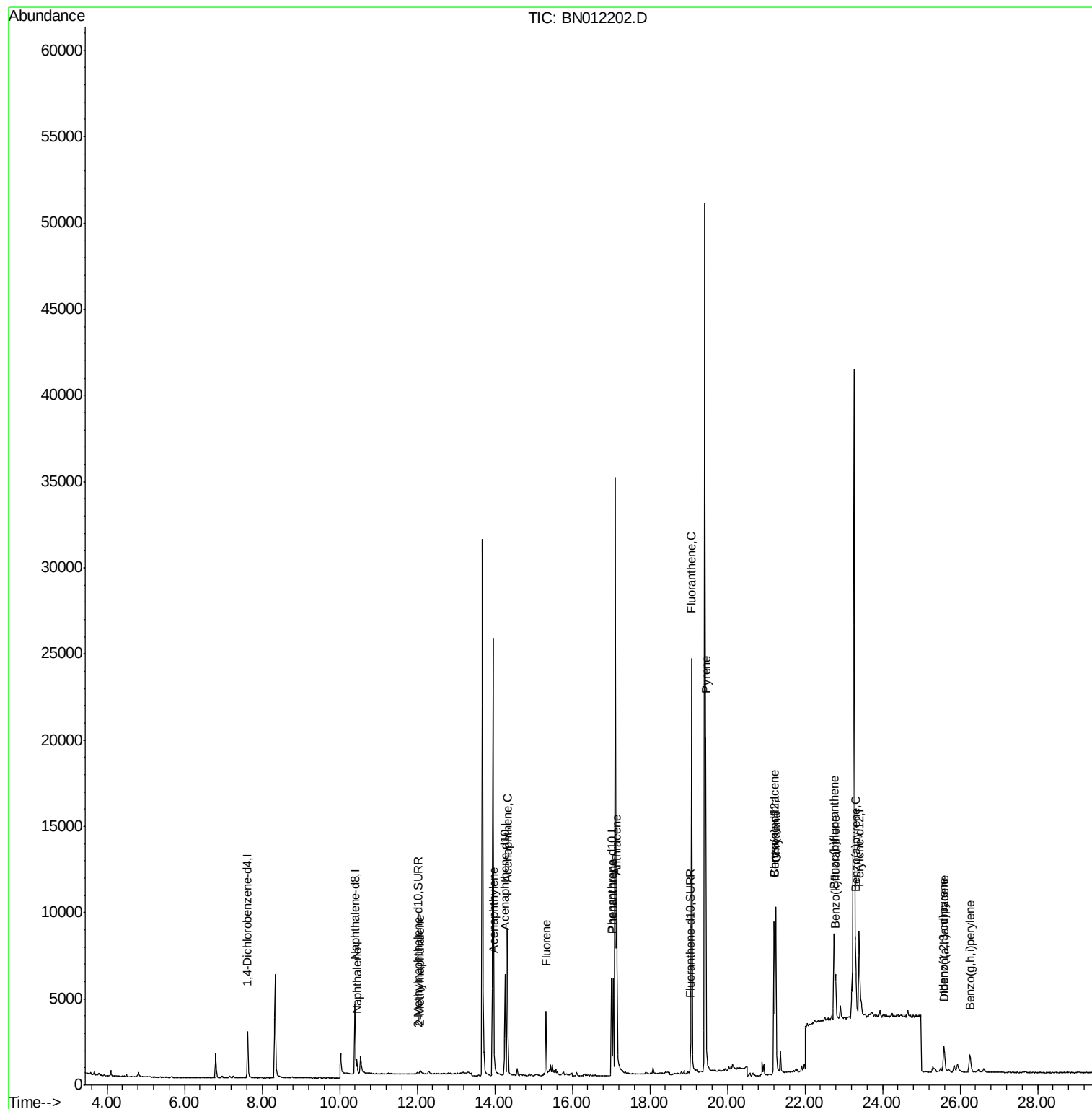
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012202.D
Acq On : 14 Oct 2020 19:43
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Misc :
ALS Vial : 14 Sample Multiplier: 1

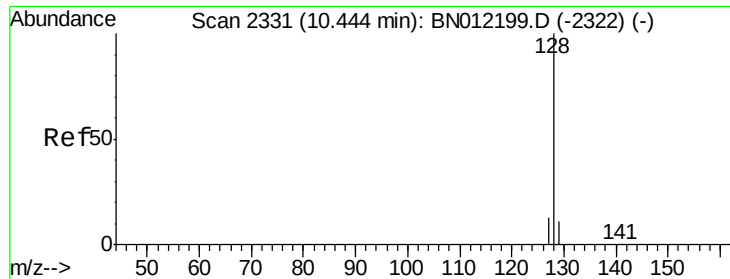
Instrument :
BNA_N
ClientSampleId :
C0AE4DL

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Quant Time: Oct 15 01:03:04 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: 0.071 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BN012202.D

Acq: 14 Oct 2020 19:43

Instrument :

BNA_N

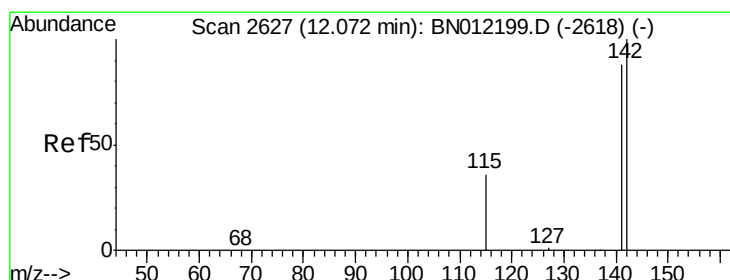
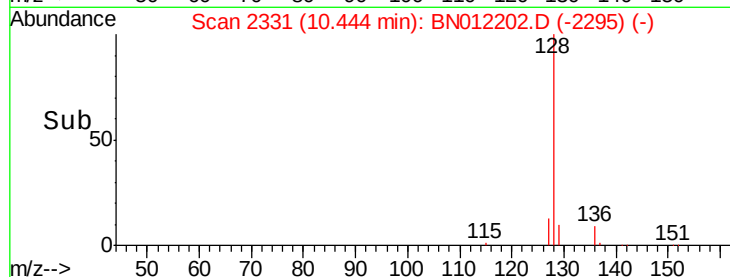
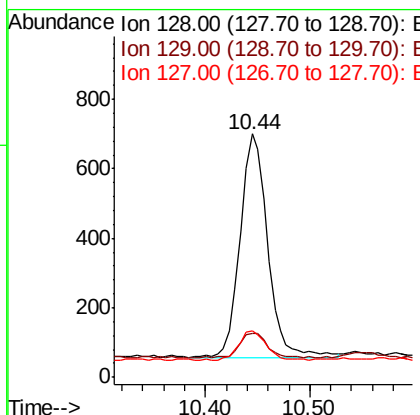
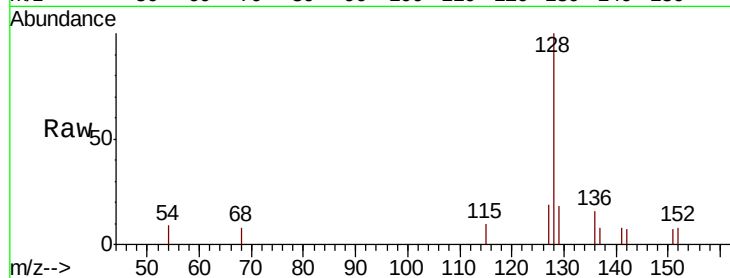
ClientSampleId :

C0AE4DL

Tot Ion:	128	Resp:	1185
Ion Ratio	Lower	Upper	
128	100		
129	18.1	10.3	15.5#
127	19.1	11.9	17.9#

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#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

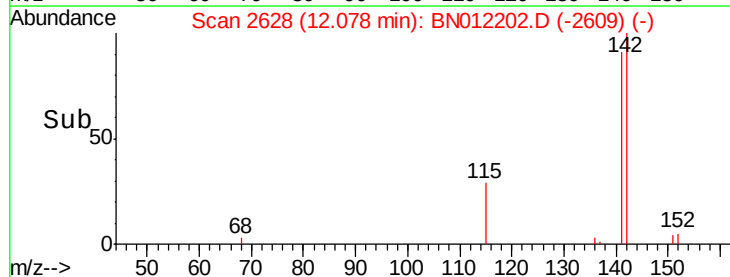
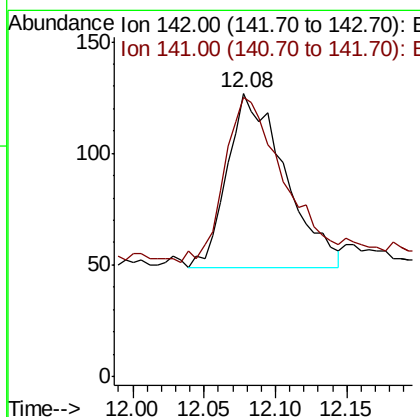
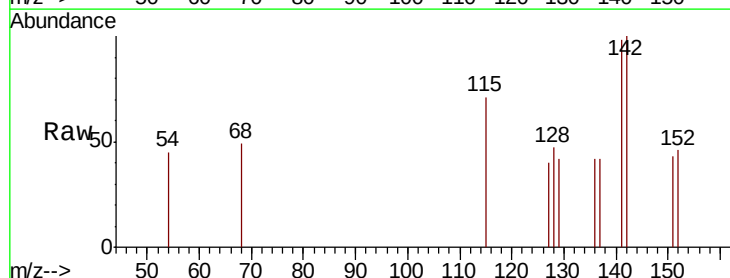
RT: 12.08 min Scan# 2628

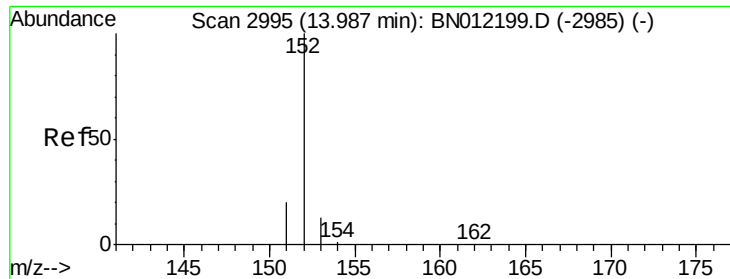
Delta R.T. 0.01 min

Lab File: BN012202.D

Acq: 14 Oct 2020 19:43

Tgt Ion:	142	Resp:	219
Ion Ratio	Lower	Upper	
142	100		
141	105.5	71.7	107.5





#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012202.D

Acq: 14 Oct 2020 19:43

Instrument :

BNA_N

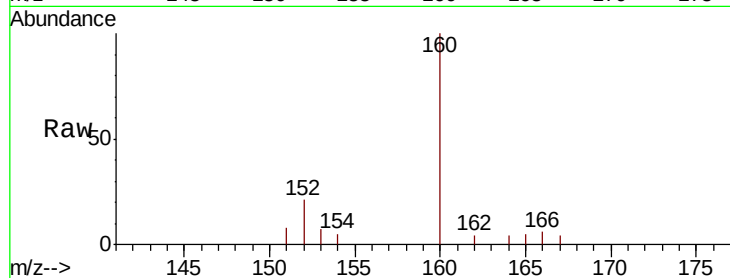
ClientSampleId :

C0AE4DL

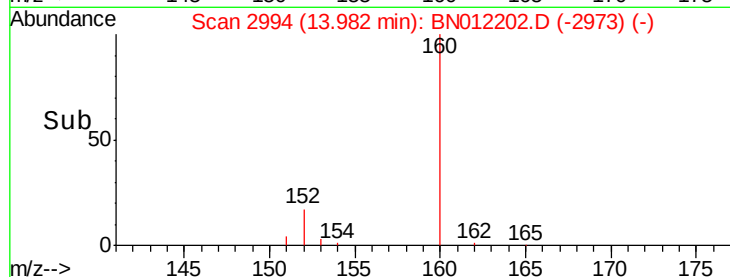
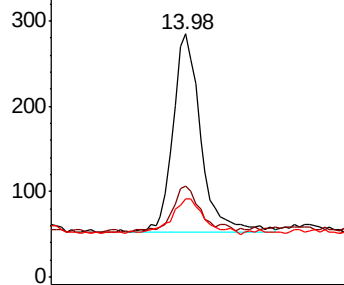
Tot Ion:	152	Resp:	421
Ion Ratio	Lower	Upper	
152	100		
151	37.2	16.7	25.1#
153	31.9	11.8	17.8#

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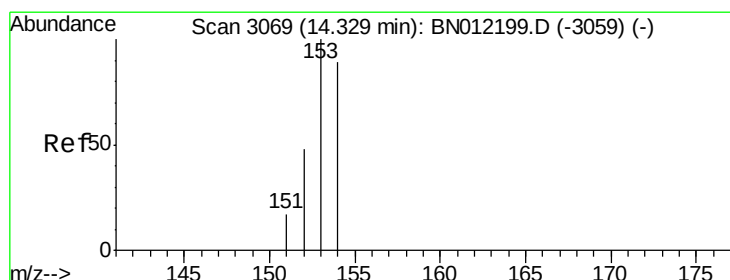
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.435 ng/ul

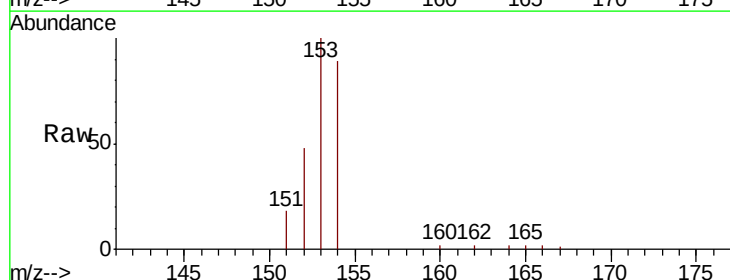
RT: 14.33 min Scan# 3069

Delta R.T. 0.00 min

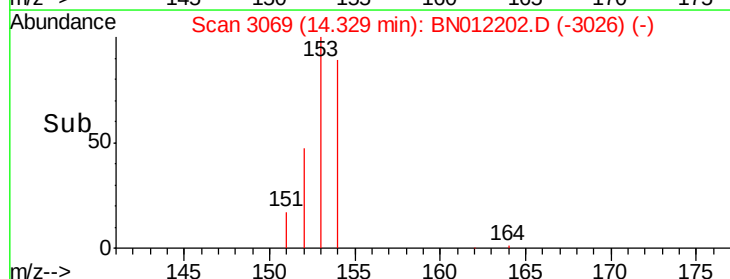
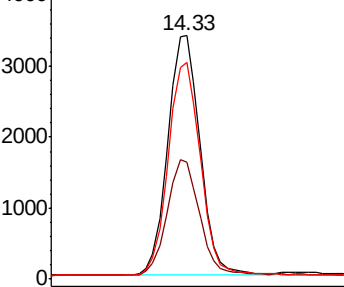
Lab File: BN012202.D

Acq: 14 Oct 2020 19:43

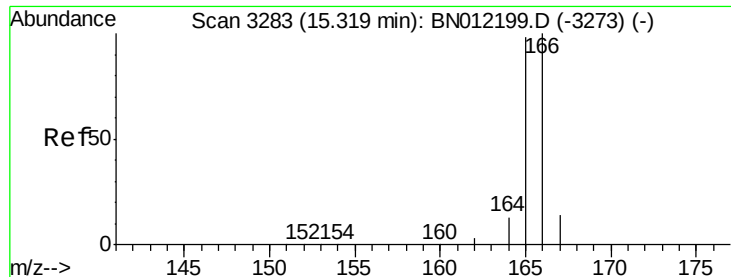
Tgt Ion:	153	Resp:	5180
Ion Ratio	Lower	Upper	
153	100		
152	47.9	38.2	57.2
154	89.0	71.1	106.7



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



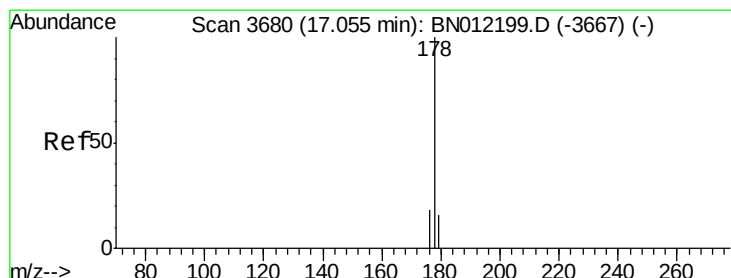
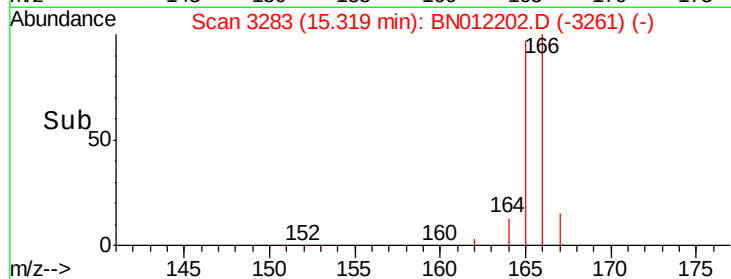
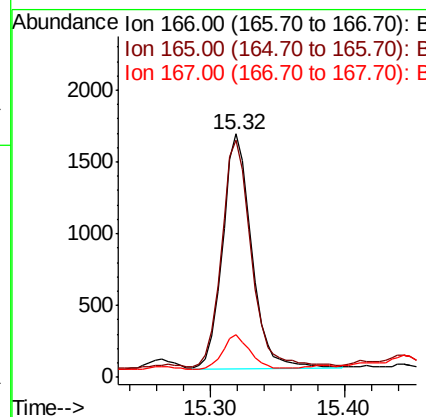
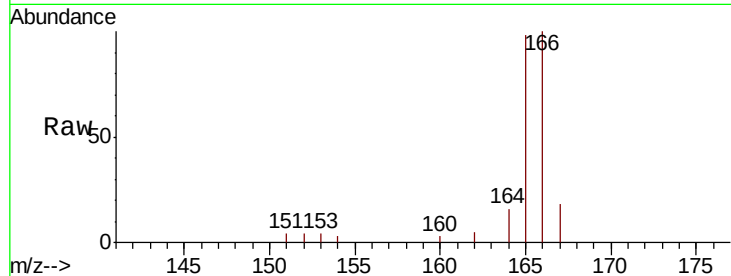
#9
Fluorene
 Concen: 0.185 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. 0.00 min
 Lab File: BN012202.D
 Acq: 14 Oct 2020 19:43

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4DL

Tot Ion:	166	Resp:	2455
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	118.0
167	17.5	11.9	17.9

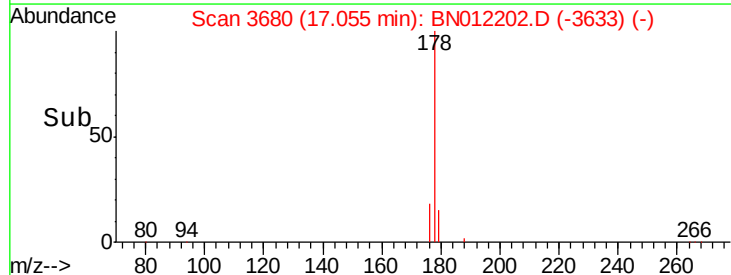
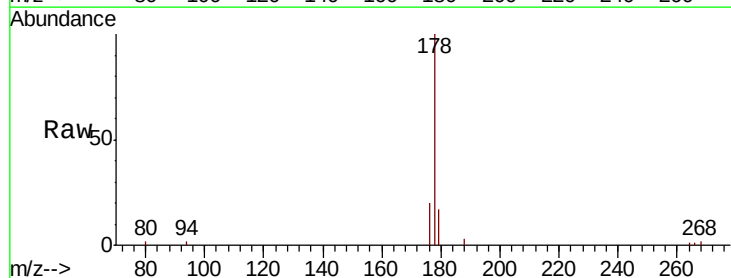
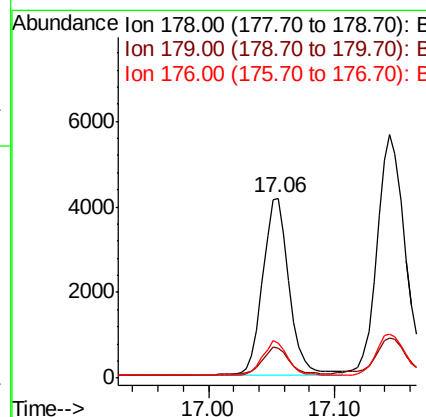
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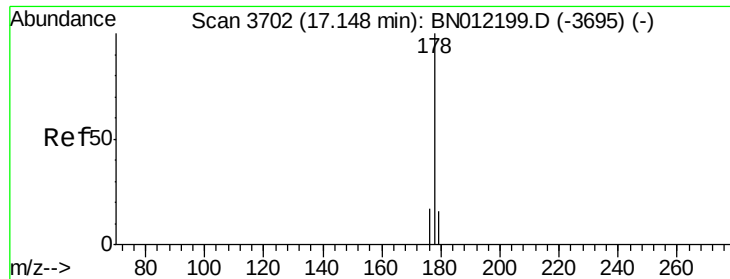
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#12
Phenanthrene
 Concen: 0.279 ng/ul
 RT: 17.06 min Scan# 3680
 Delta R.T. 0.00 min
 Lab File: BN012202.D
 Acq: 14 Oct 2020 19:43

Tgt Ion:	178	Resp:	6051
Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.4	20.2
176	19.7	15.7	23.5





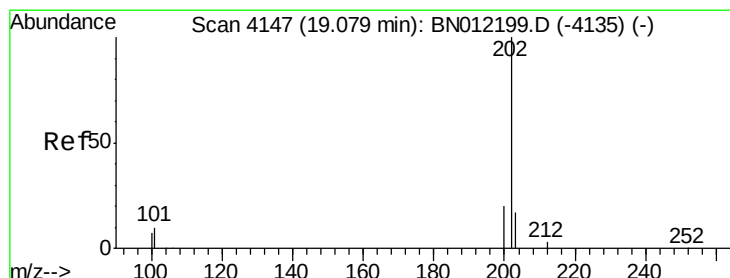
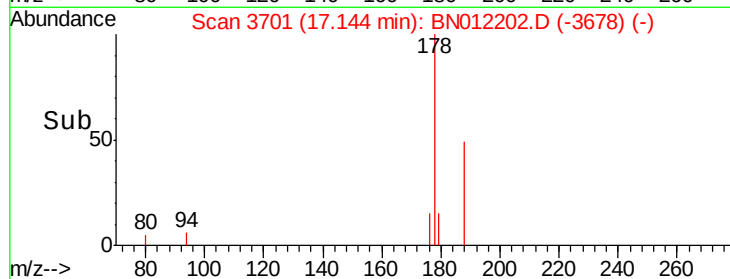
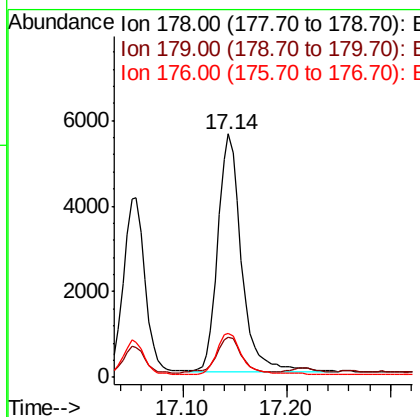
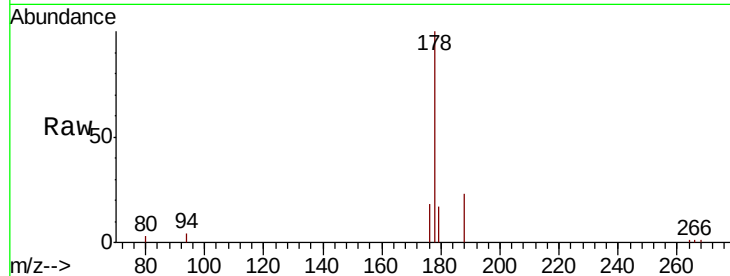
#13
 Anthracene
 Concen: 0.469 ng/ul
 RT: 17.14 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BN012202.D
 Acq: 14 Oct 2020 19:43

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4DL

Tot Ion:	178	Resp:	8718
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.9	20.9
176	18.1	15.4	23.0

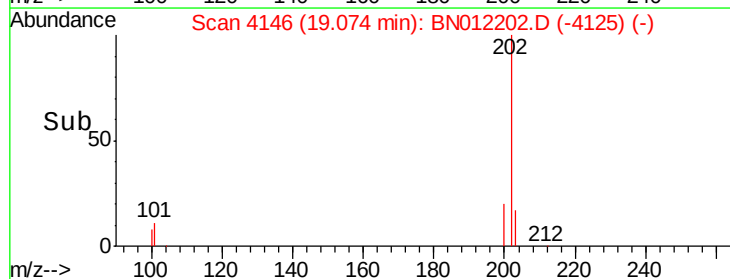
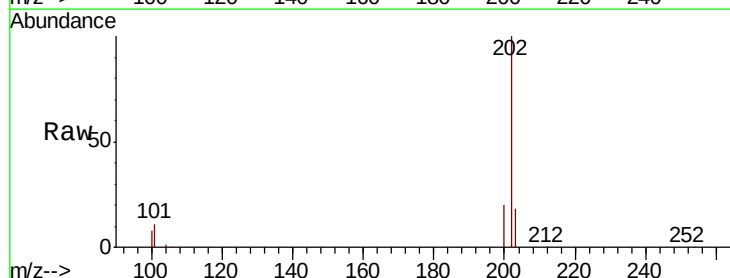
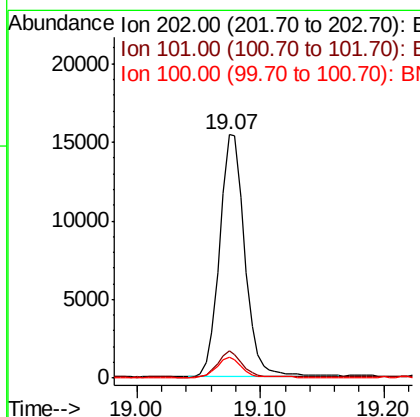
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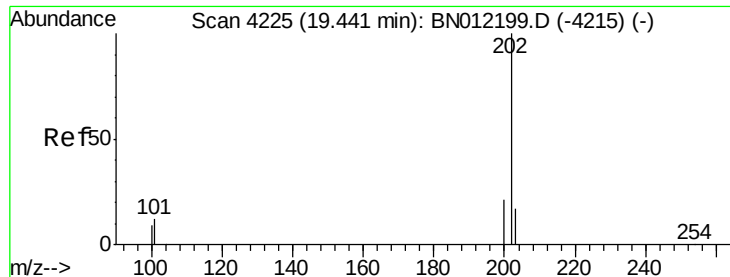
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#15
 Fluoranthene
 Concen: 0.868 ng/ul
 RT: 19.07 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN012202.D
 Acq: 14 Oct 2020 19:43

Tgt Ion:	202	Resp:	22015
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.0
100	8.4	0.0	28.7





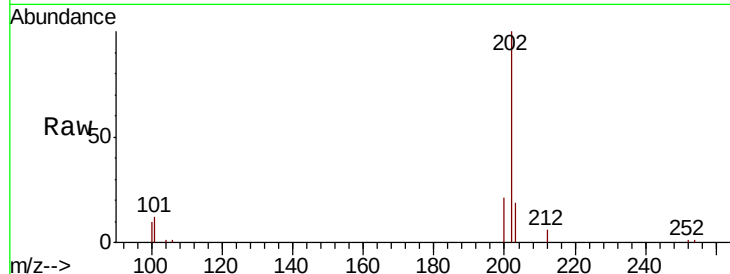
#17
Pvrene
Concen: 0.613 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN012202.D
Acq: 14 Oct 2020 19:43

Instrument :
BNA_N
ClientSampleId :
C0AE4DL

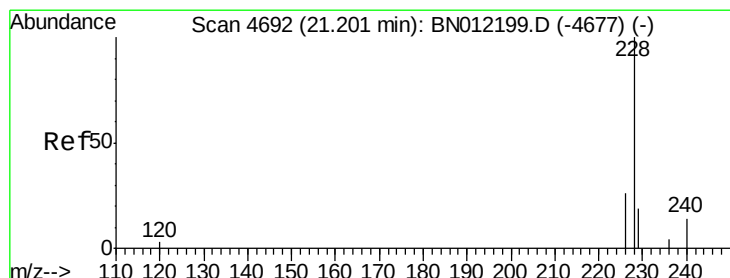
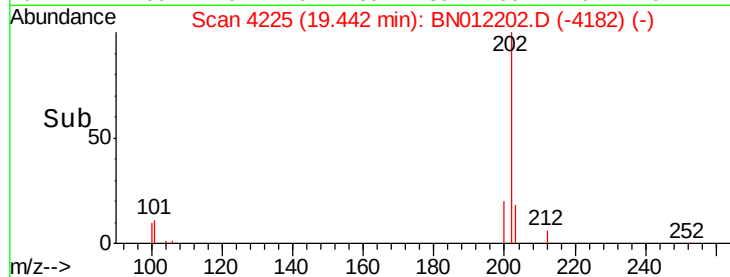
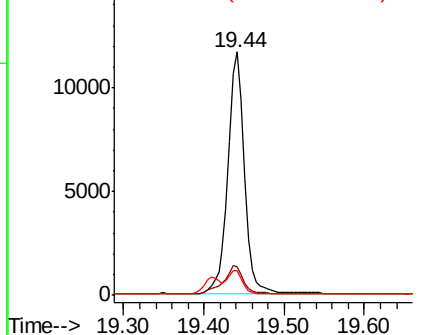
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	9.9	14.9
100	10.0	8.0	12.0

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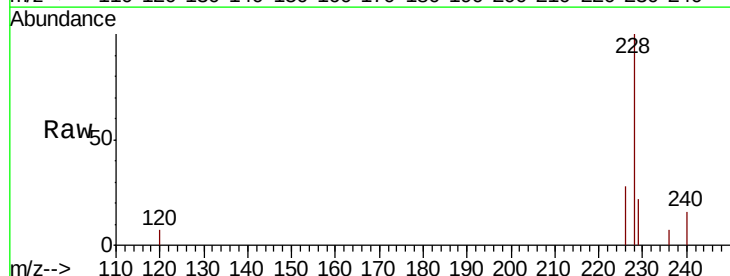


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

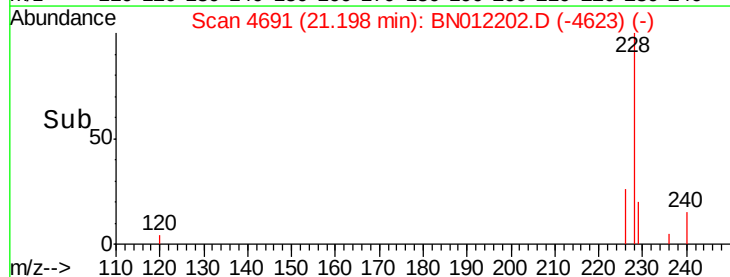
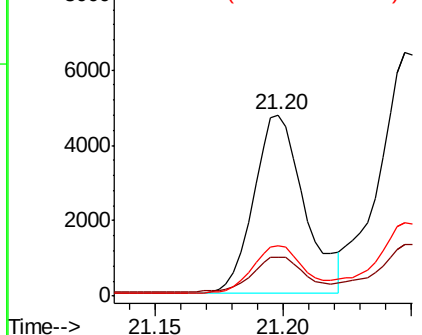


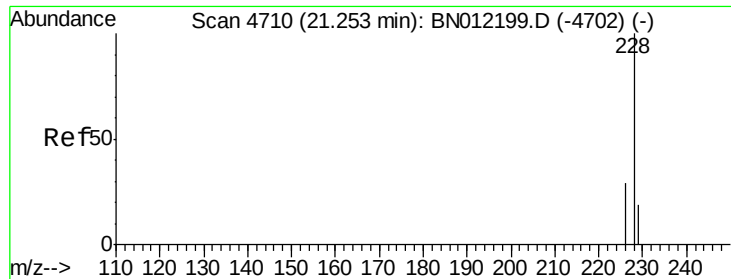
#18
Benzo(a)anthracene
Concen: 0.292 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. -0.00 min
Lab File: BN012202.D
Acq: 14 Oct 2020 19:43

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	15.8	23.8
226	27.9	22.6	33.8



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





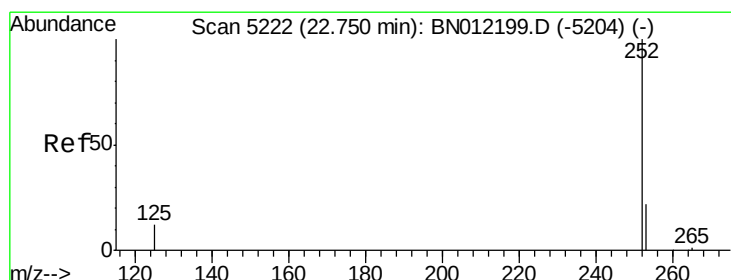
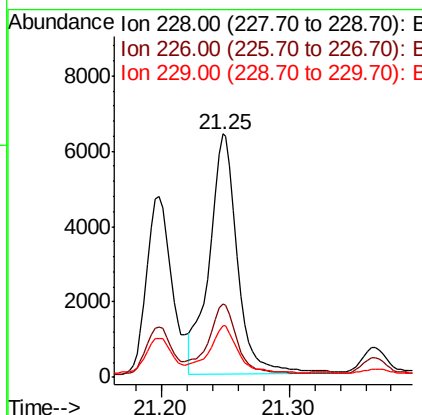
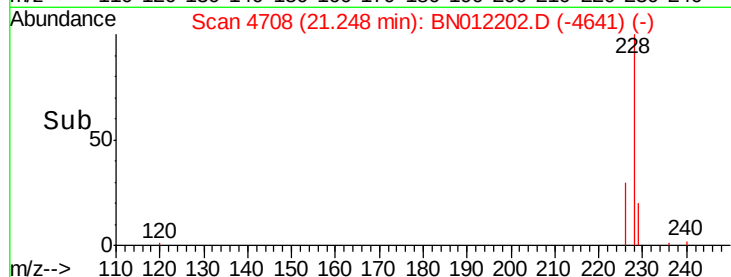
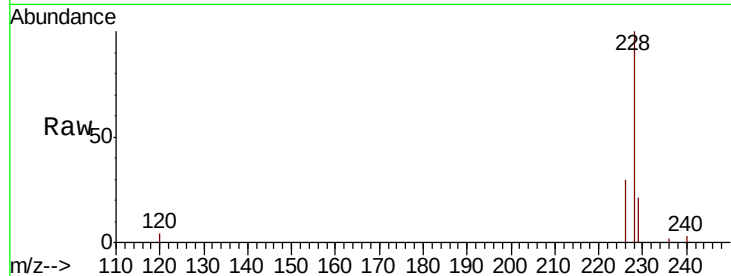
#19
Chrysene
Concen: 0.364 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. -0.01 min
Lab File: BN012202.D
Acq: 14 Oct 2020 19:43

Instrument :
BNA_N
ClientSampleId :
C0AE4DL

Tot Ion:228	Resp:	9868
Ion Ratio	Lower	Upper
228 100		
226 30.4	24.6	37.0
229 21.1	17.0	25.6

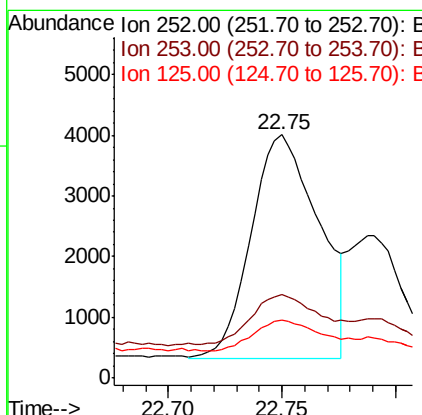
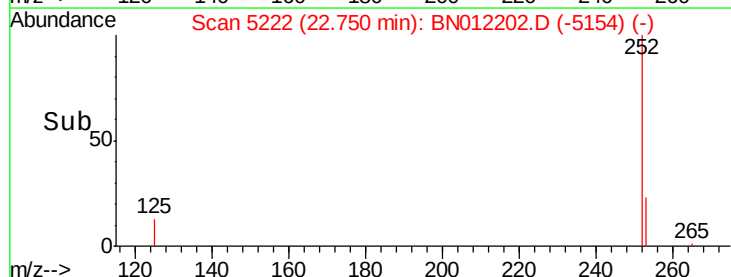
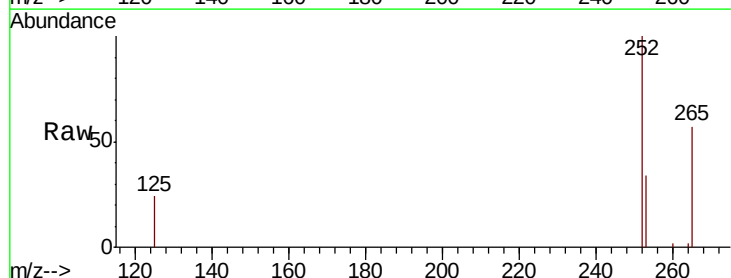
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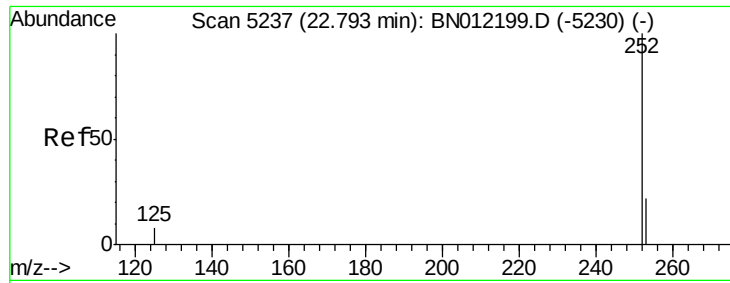
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#21
Benzo(b)fluoranthene
Concen: 0.303 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. 0.00 min
Lab File: BN012202.D
Acq: 14 Oct 2020 19:43

Tgt Ion:252	Resp:	7615
Ion Ratio	Lower	Upper
252 100		
253 34.2	0.0	61.6
125 23.7	0.0	36.8





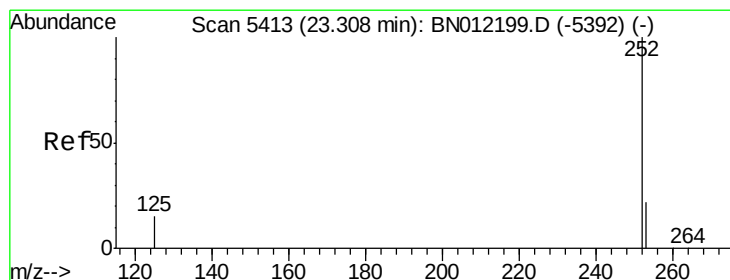
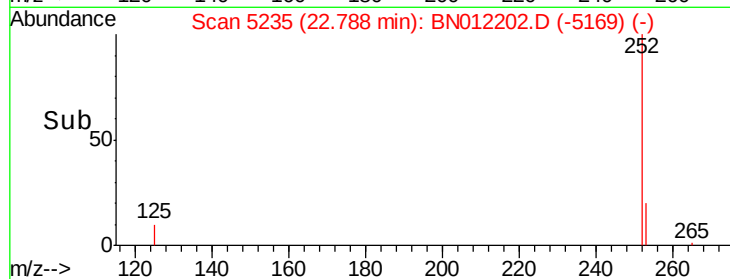
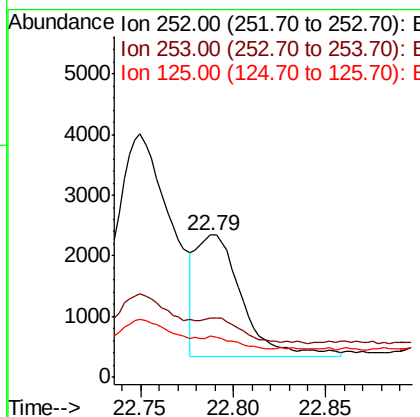
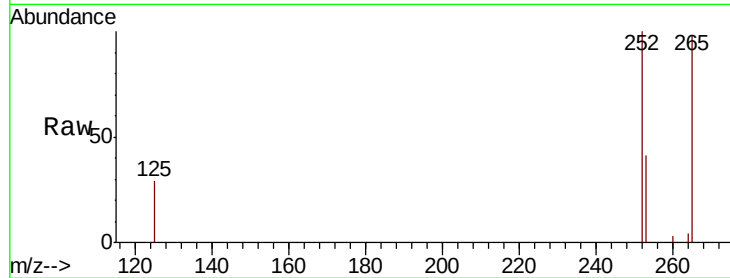
#22
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 22.79 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN012202.D
Acq: 14 Oct 2020 19:43

Instrument :
BNA_N
ClientSampled :
C0AE4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	41.4	24.4	36.6#
125	28.9	12.9	19.3#

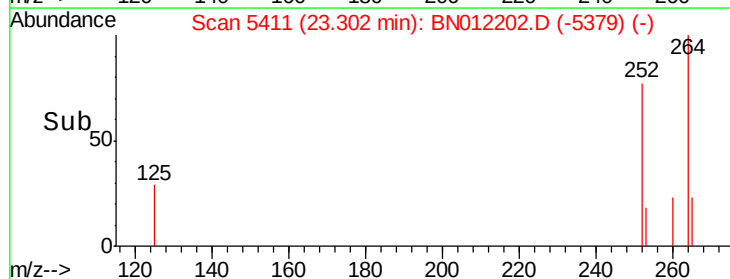
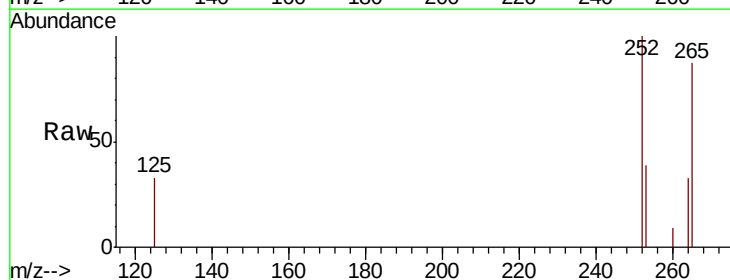
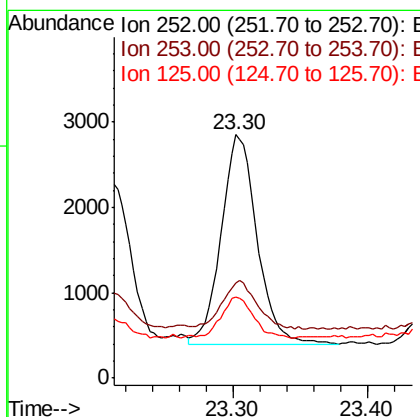
Manual Integrations
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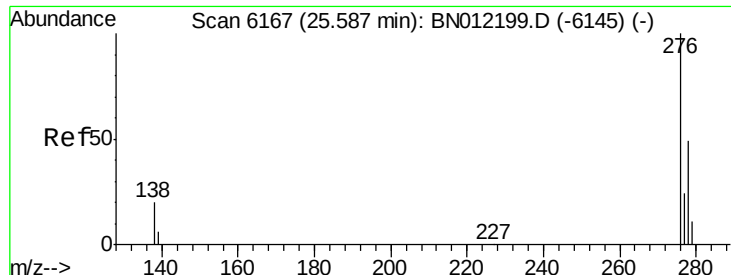
mohammad
10/15/2020 8:20:53 AM



#23
Benzo(a)pyrene
Concen: 0.187 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. -0.01 min
Lab File: BN012202.D
Acq: 14 Oct 2020 19:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.0	27.0	40.4
125	33.4	18.8	28.2#





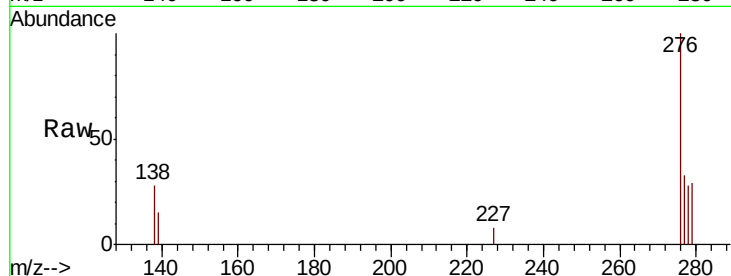
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.01 min
Lab File: BN012202.D
Acq: 14 Oct 2020 19:43

Instrument :
BNA_N
ClientSampleId :
C0AE4DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	2580		
138	18.7	0.0	0.0	0.0
227	0.2	0.0	0.0	0.0

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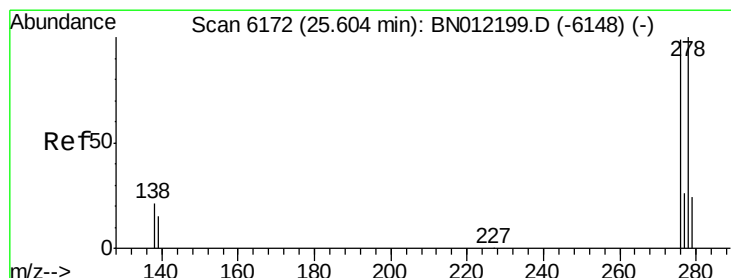
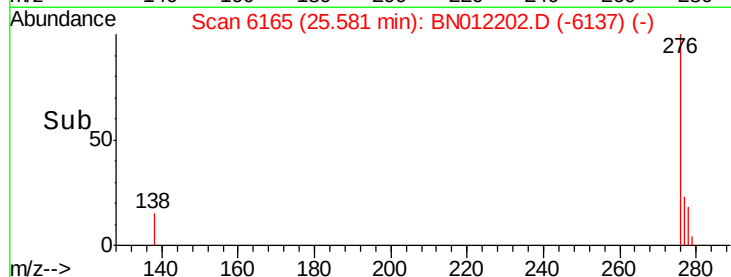
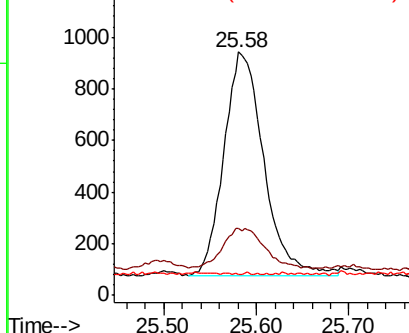


Abundance

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: 0.029 ng/ul
RT: 25.60 min Scan# 6170
Delta R.T. -0.01 min
Lab File: BN012202.D
Acq: 14 Oct 2020 19:43

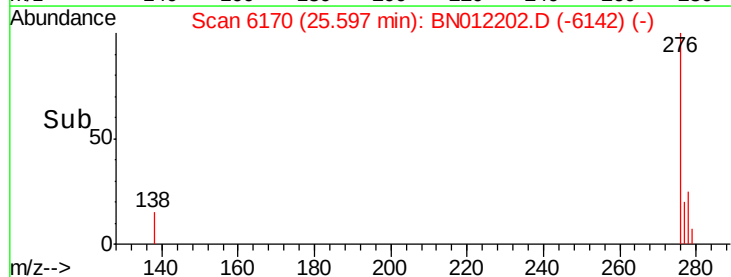
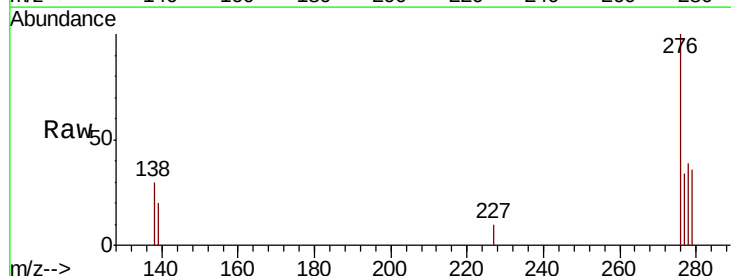
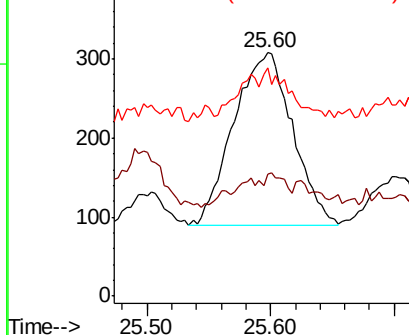
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	730		
139	50.3	15.7	23.5	#
279	93.5	26.0	39.0	#

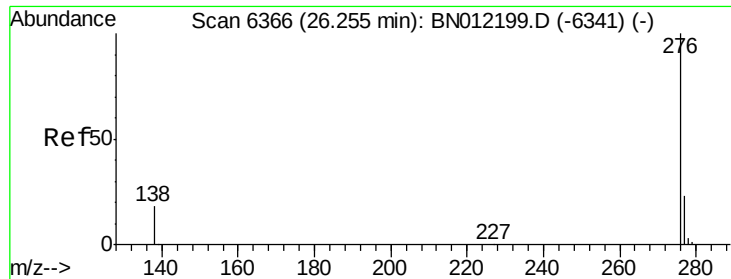
Abundance

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: 0.080 ng/ul

RT: 26.25 min Scan# 6365

Delta R.T. -0.00 min

Lab File: BN012202.D

Acq: 14 Oct 2020 19:43

Instrument :

BNA_N

ClientSampleId :

C0AE4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	17.1	25.7#
277	32.9	21.1	31.7#

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