

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012832.D
 Acq On : 02 Dec 2020 23:09
 Operator : CG/JU
 Sample : L4865-05
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B77

Manual Integrations
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 12/3/2020 3:43:55 PM

Quant Time: Dec 03 01:20:50 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 : Thu Dec 03 00:42:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1112	0.40	ng/ul	0.00
2) Naphthalene-d8	10.17	136	4526	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	2670	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	5863	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	5471	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	5232	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	968	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2560	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.22	128	1284	0.094	ng/ul#	94
5) 2-Methylnaphthalene	11.86	142	535	0.062	ng/ul	97
7) Acenaphthylene	13.79	152	1481	0.114	ng/ul	95
8) Acenaphthene	14.13	153	5389	0.491	ng/ul	99
9) Fluorene	15.13	166	6413	0.532	ng/ul	99
12) Phenanthrene	16.87	178	240689	11.798	ng/ul	96
13) Anthracene	16.96	178	24234	1.366	ng/ul	95
15) Fluoranthene	18.90	202	360462	15.304	ng/ul	96
17) Pyrene	19.27	202	274675	11.224	ng/ul	99
18) Benzo(a)anthracene	21.03	228	112008	5.713	ng/ul	98
19) Chrysene	21.08	228	133131	5.436	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	156520m	6.503	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	55879m	2.013	ng/ul	
23) Benzo(a)pyrene	23.06	252	92039	4.063	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.22	276	65853	2.223	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.22	278	16271	0.684	ng/ul	93
26) Benzo(a,h,i)perylene	25.85	276	57145	2.144	ng/ul	96

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

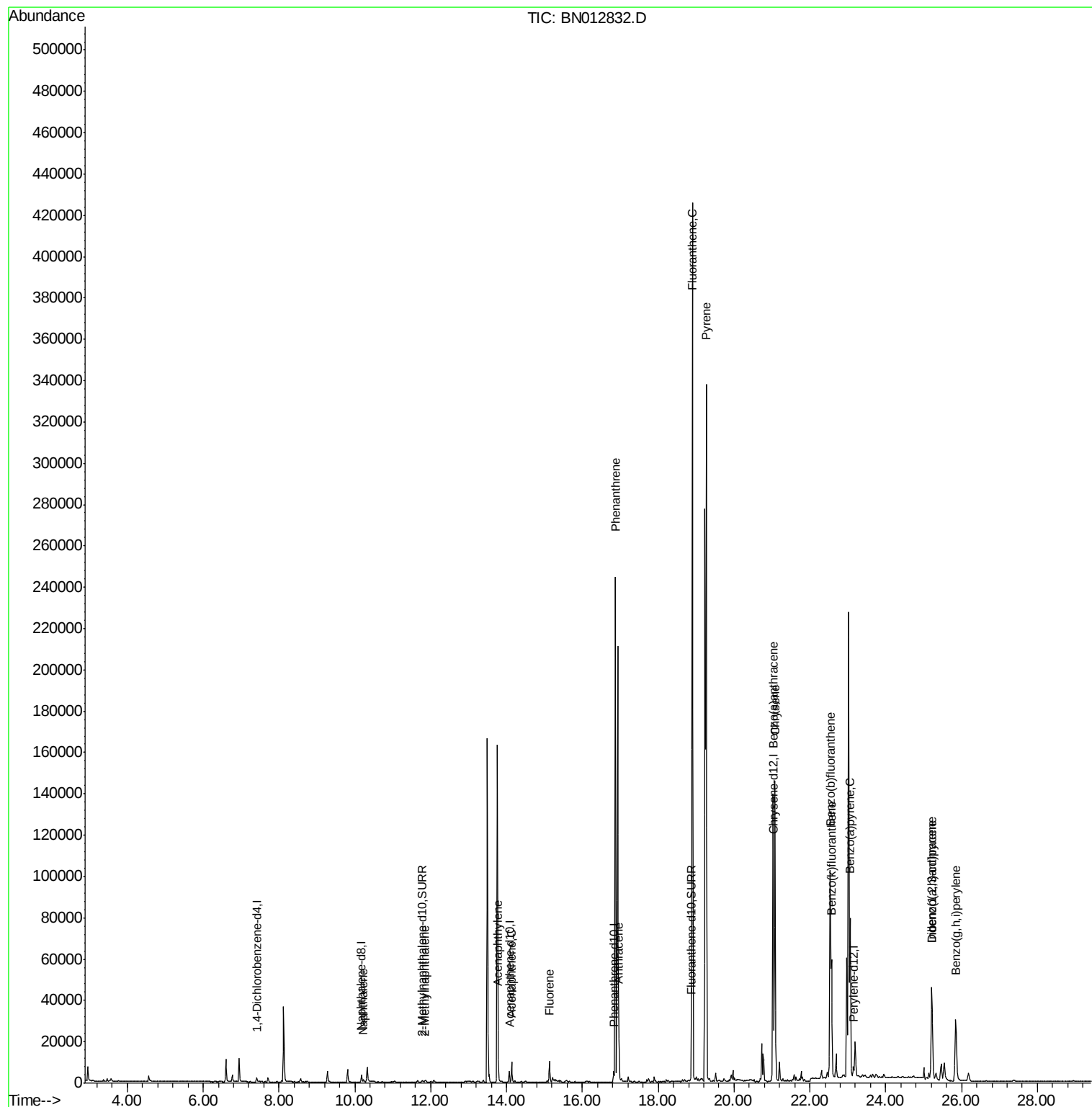
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012832.D
Acq On : 02 Dec 2020 23:09
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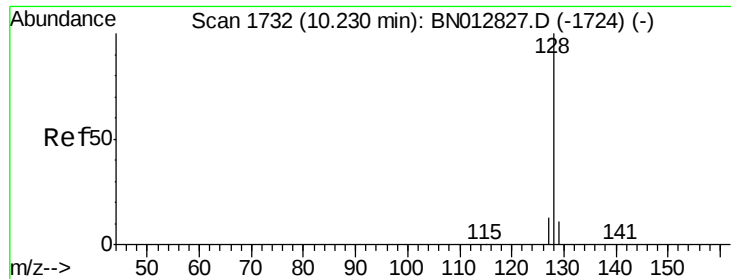
Instrument :
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ClientSampleId :
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Quant Time: Dec 03 01:20:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 03 00:42:46 2020
Response via : Initial Calibration





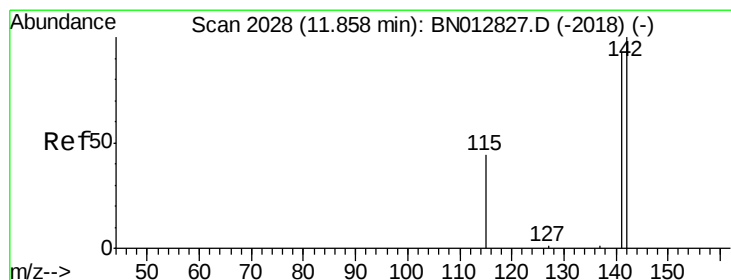
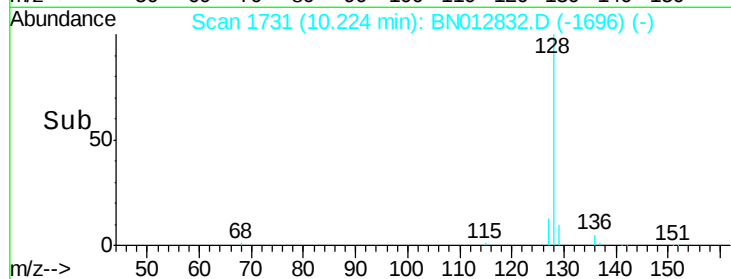
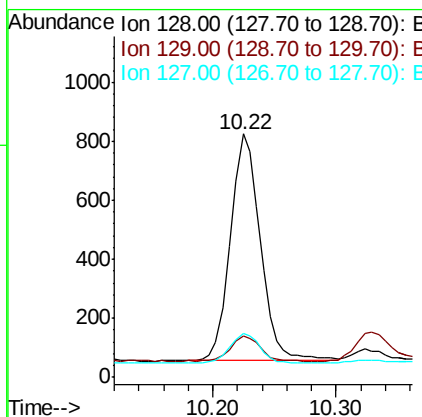
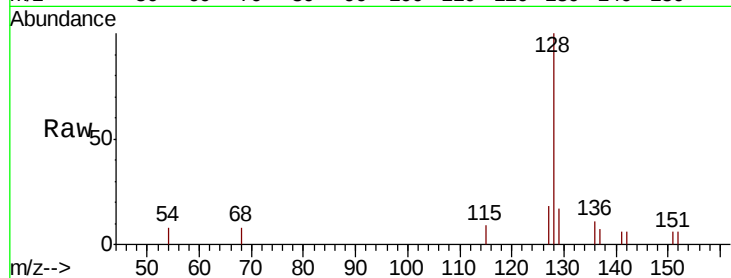
#3
Naphthalene
Concen: 0.094 ng/ul
RT: 10.22 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BN012832.D
Acq: 02 Dec 2020 23:09

Instrument :
BNA_N
ClientSampled :
C0B77

Tot Ion	Ratio	Lower	Upper
128	100		
129	16.8	11.2	16.8#
127	17.8	12.5	18.7

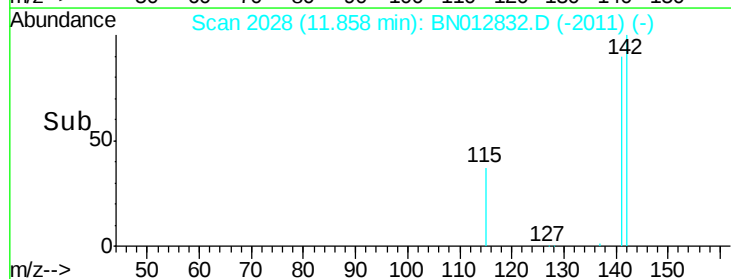
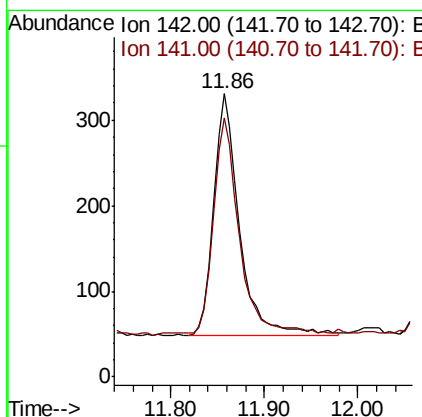
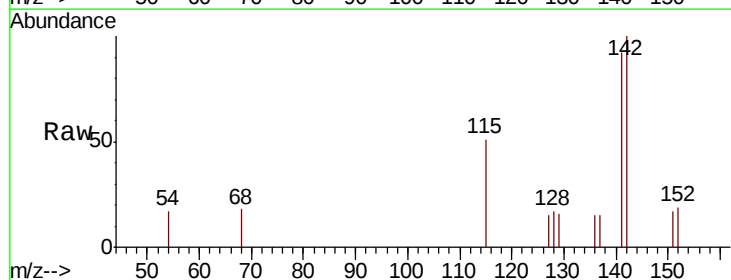
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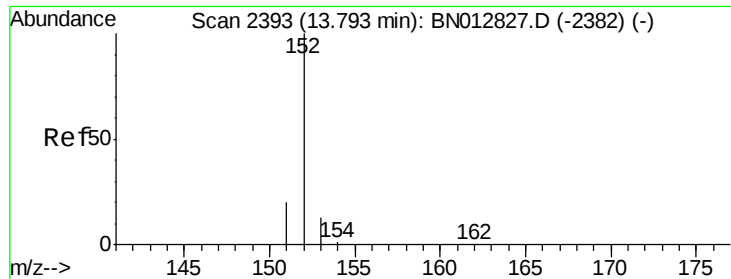
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#5
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 11.86 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BN012832.D
Acq: 02 Dec 2020 23:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.3	108.5





#7

Acenaphthylene

Concen: 0.114 ng/ul

RT: 13.79 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

Instrument :

BNA_N

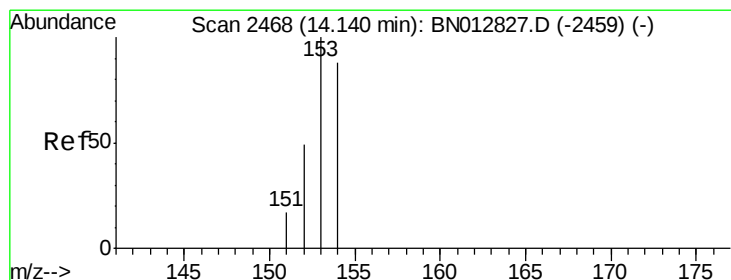
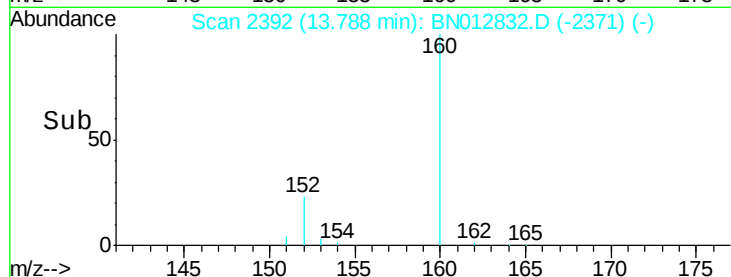
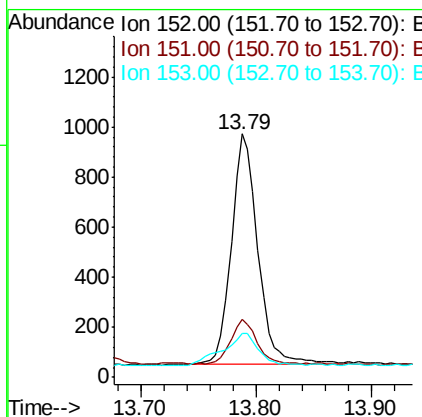
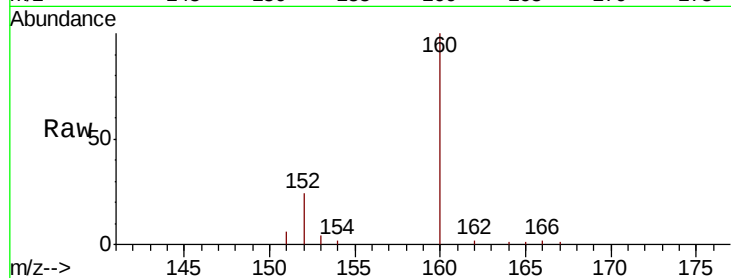
ClientSampleId :

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Tot Ion:	152	Resp:	1481
Ion	Ratio	Lower	Upper
152	100		
151	23.7	17.1	25.7
153	18.3	12.6	19.0

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#8

Acenaphthene

Concen: 0.491 ng/ul

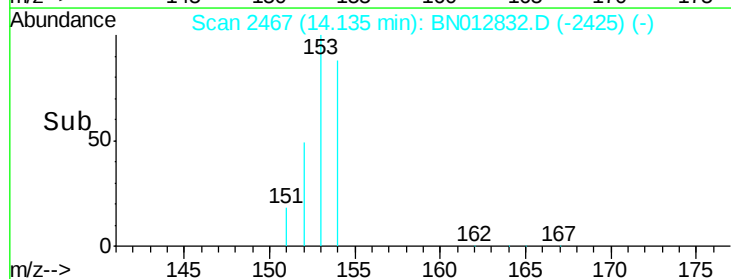
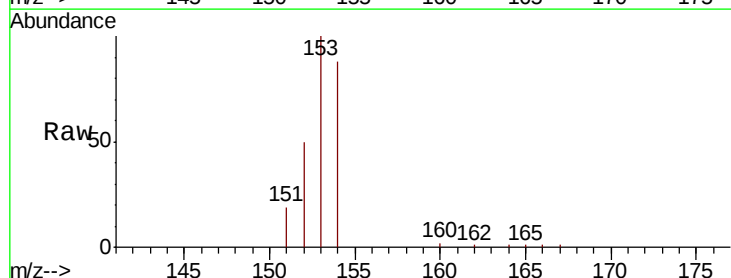
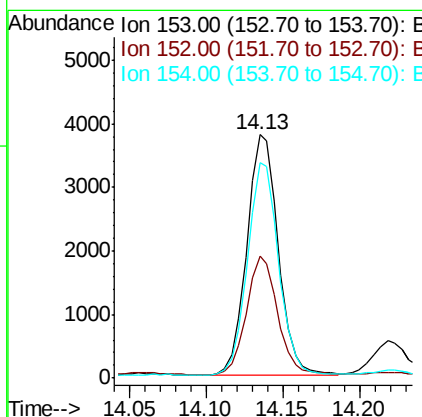
RT: 14.13 min Scan# 2467

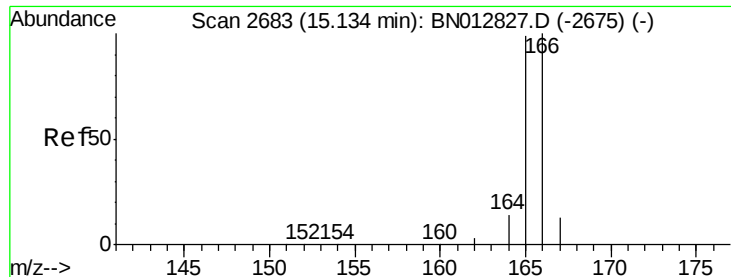
Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

Tgt Ion:	153	Resp:	5389
Ion	Ratio	Lower	Upper
153	100		
152	50.1	41.4	62.0
154	88.4	70.9	106.3





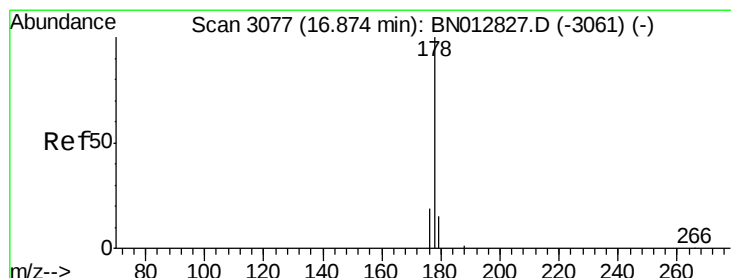
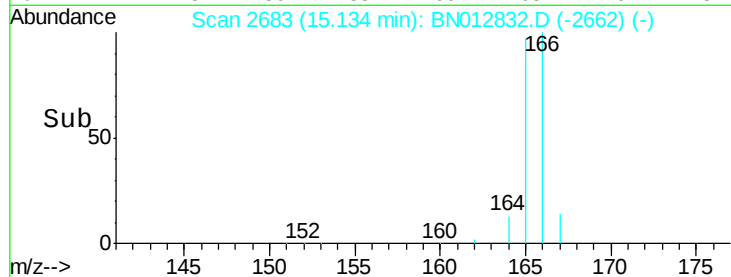
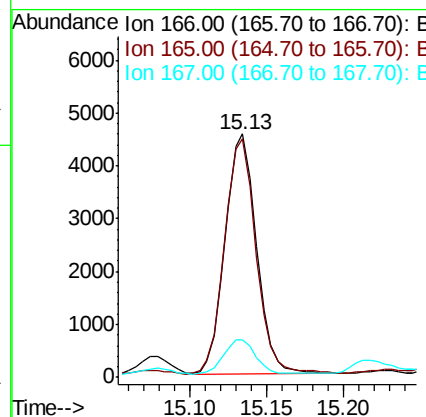
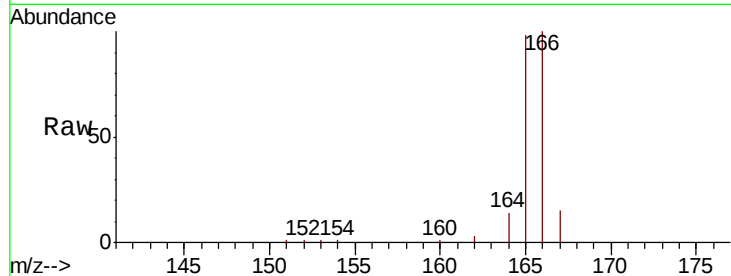
#9
Fluorene
 Concen: 0.532 ng/ul
 RT: 15.13 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: BN012832.D
 Acq: 02 Dec 2020 23:09

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.5	117.7
167	15.3	12.7	19.1

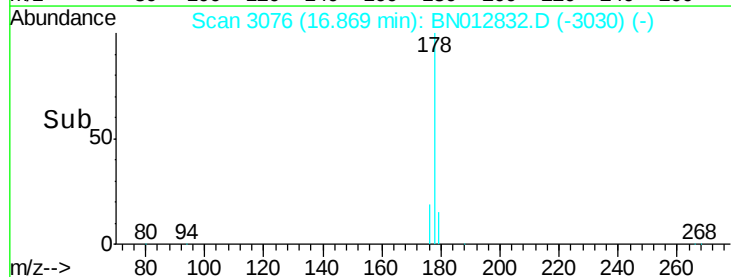
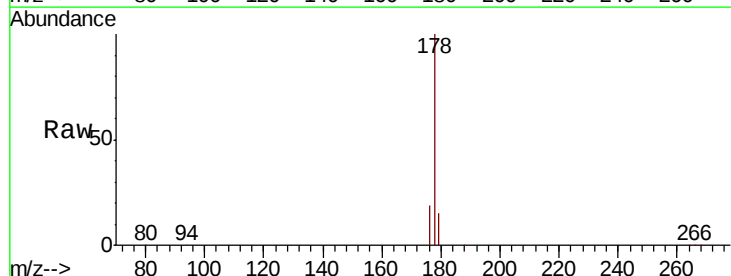
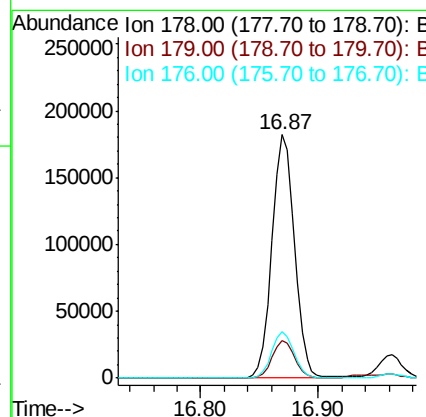
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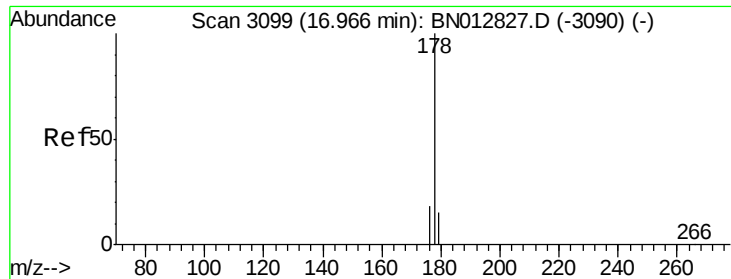
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#12
Phenanthrene
 Concen: 11.798 ng/ul
 RT: 16.87 min Scan# 3076
 Delta R.T. -0.00 min
 Lab File: BN012832.D
 Acq: 02 Dec 2020 23:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.8	20.6
176	19.0	16.7	25.1





#13

Anthracene

Concen: 1.366 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

Instrument :

BNA_N

ClientSampleId :

C0B77

Tot Ion:178 Resp: 24234

Ion Ratio Lower Upper

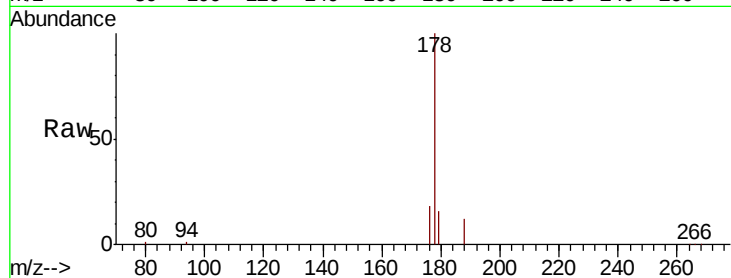
178 100

179 16.4 14.8 22.2

176 18.1 16.3 24.5

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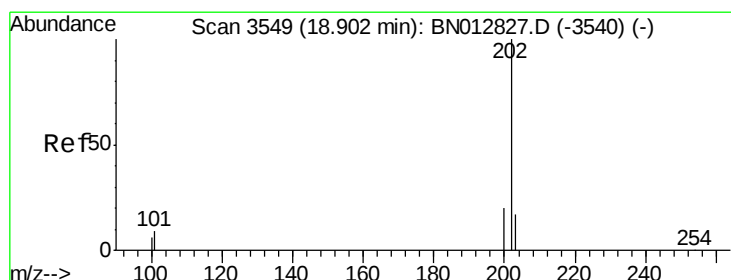
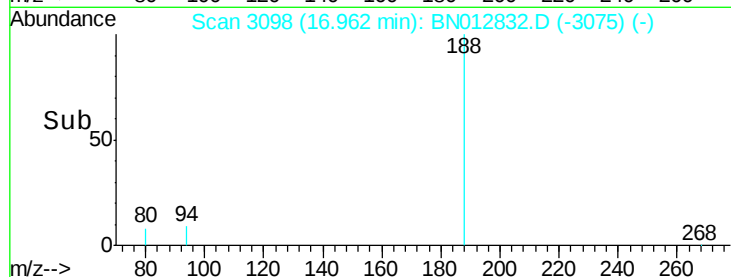
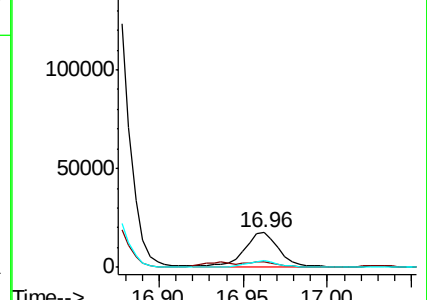
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 15.304 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

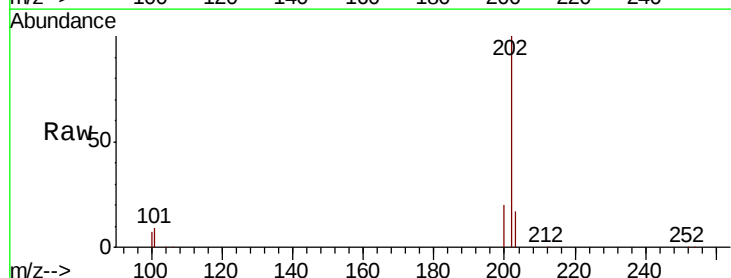
Tgt Ion:202 Resp: 360462

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.5

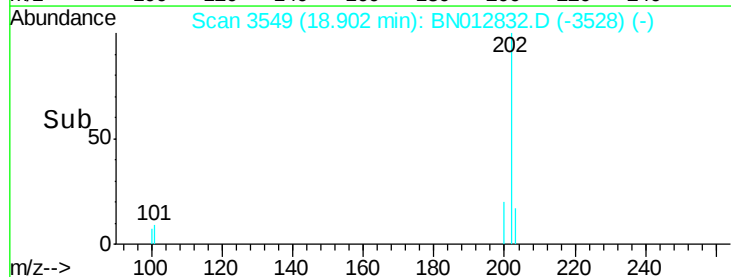
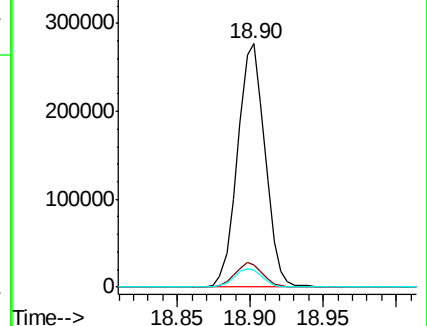
100 7.0 0.0 28.4

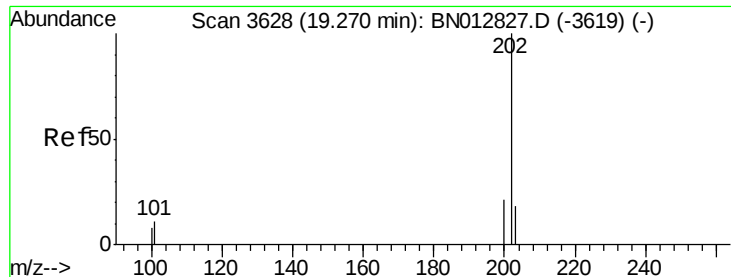


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





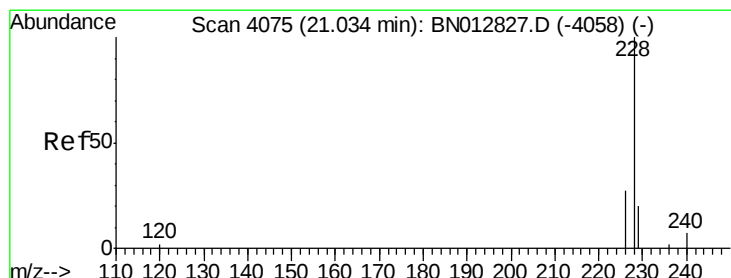
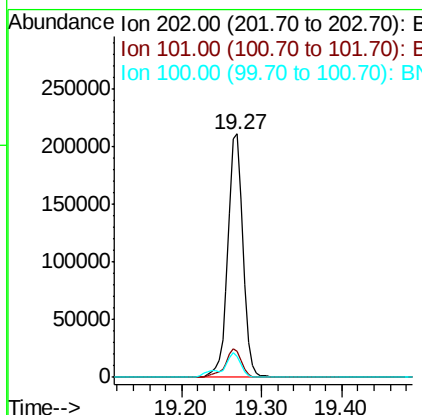
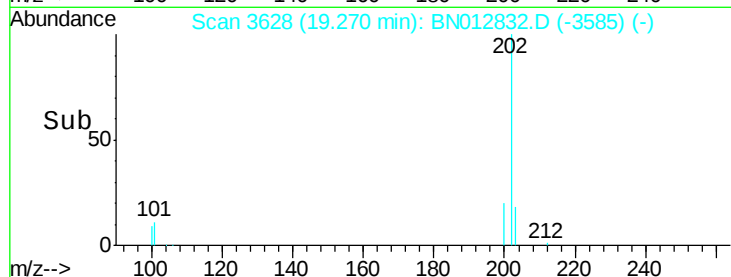
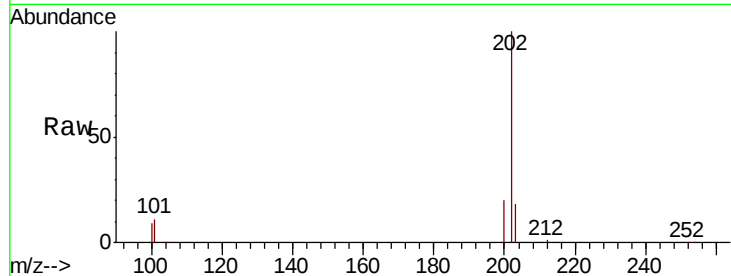
#17
Pvrene
Concen: 11.224 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. 0.00 min
Lab File: BN012832.D
Acq: 02 Dec 2020 23:09

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.9	8.9	13.3	
100	8.8	7.4	11.2	

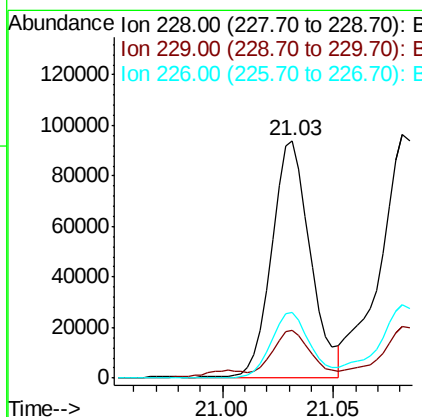
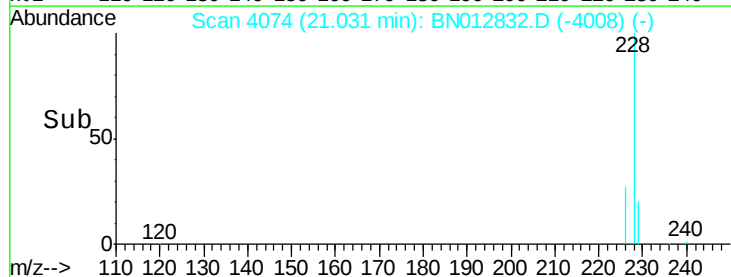
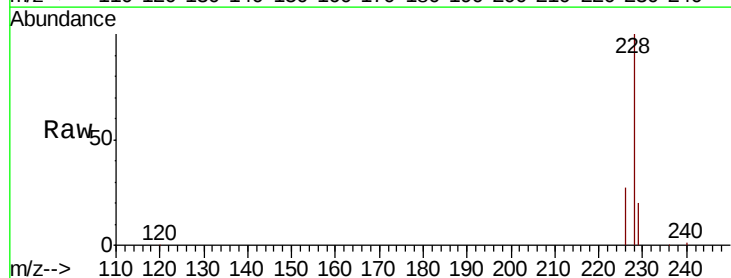
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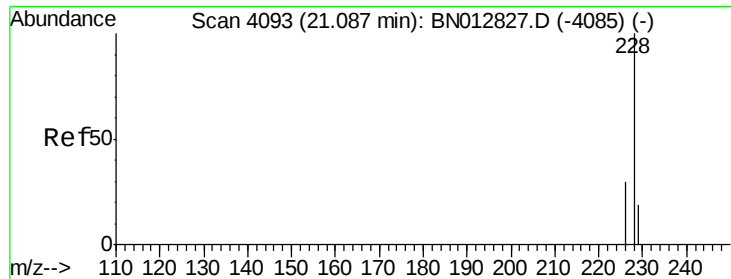
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#18
Benzo(a)anthracene
Concen: 5.713 ng/ul
RT: 21.03 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN012832.D
Acq: 02 Dec 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	20.1	16.9	25.3	
226	27.4	23.1	34.7	





#19

Chrysene

Concen: 5.436 ng/ul

RT: 21.08 min Scan# 4091

Delta R.T. -0.01 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

Instrument :

BNA_N

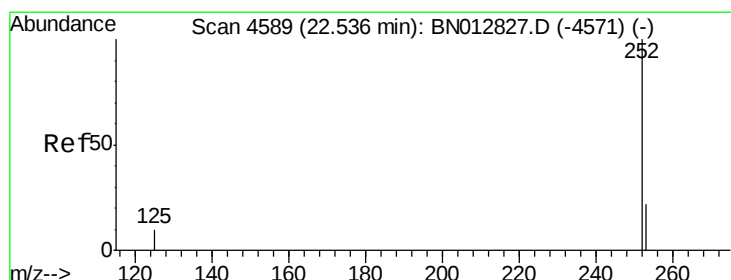
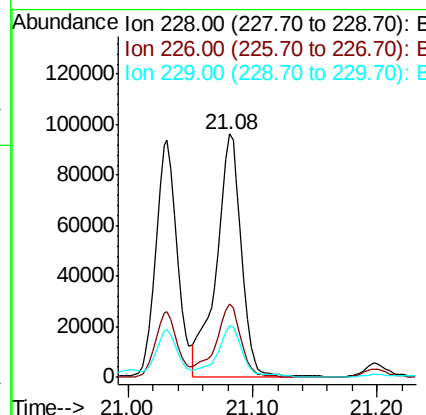
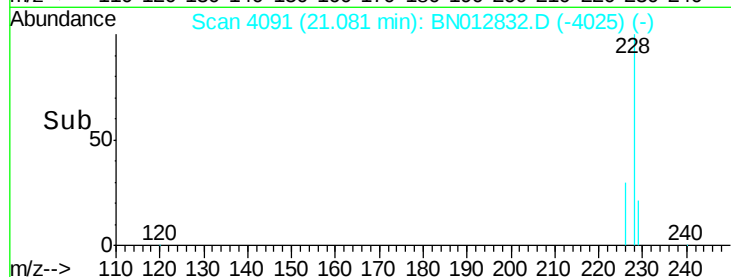
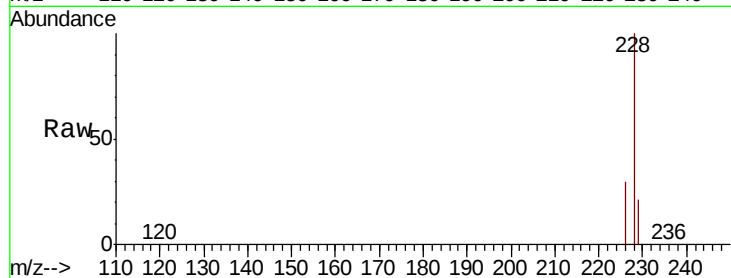
ClientSampleId :

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Tot Ion:	228	Resp:	133131
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	21.3	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 6.503 ng/ul m

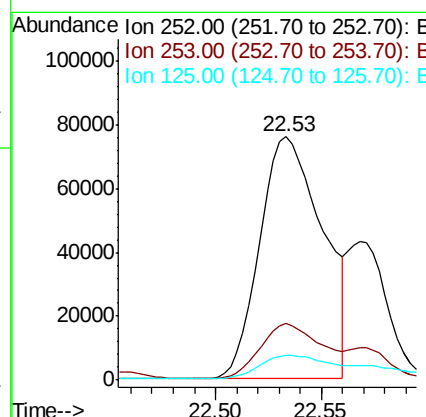
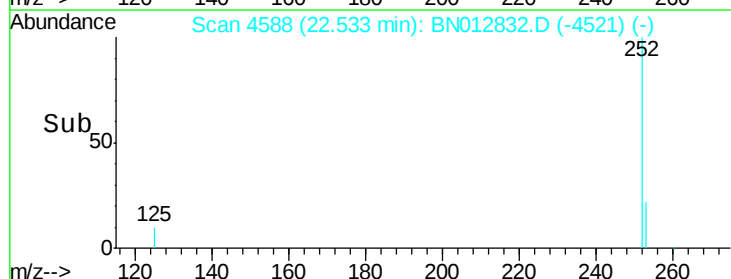
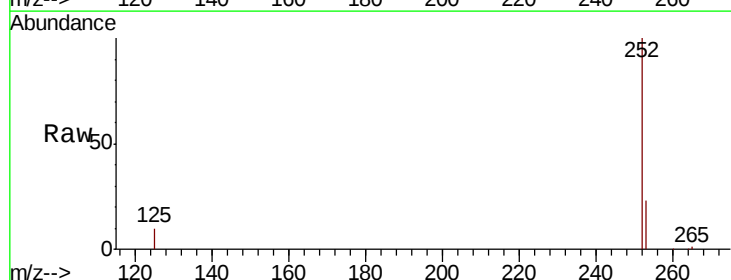
RT: 22.53 min Scan# 4588

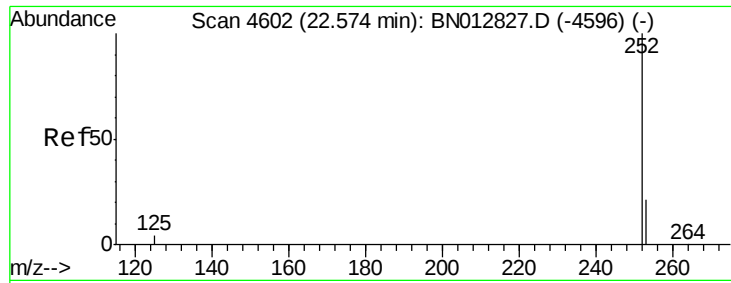
Delta R.T. -0.00 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

Tgt Ion:	252	Resp:	156520
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	58.4
125	10.2	0.0	28.6





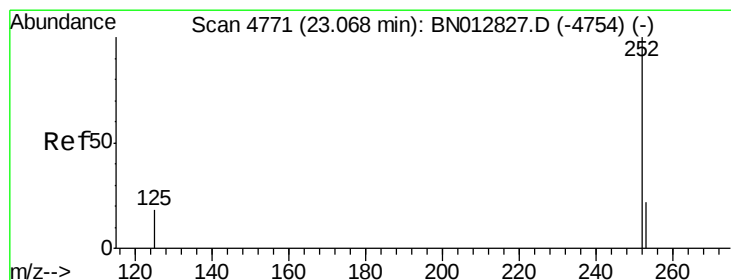
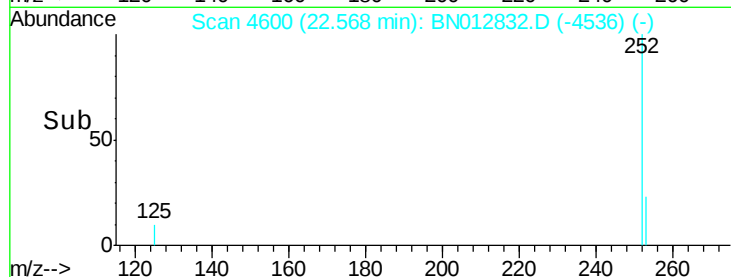
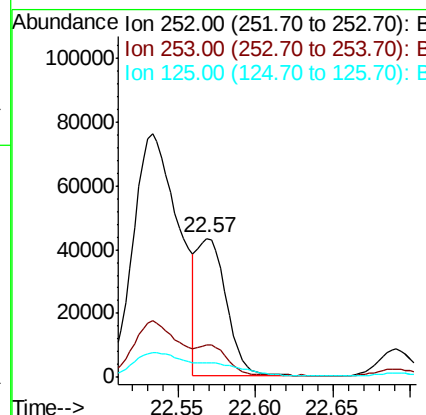
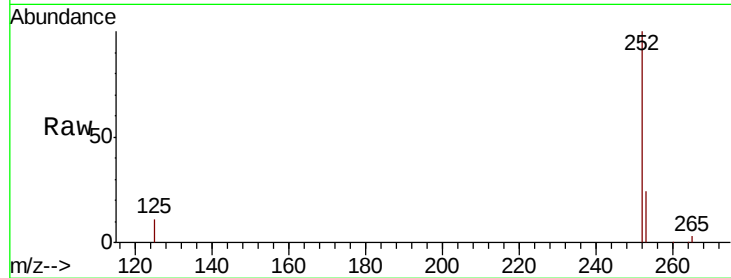
#22
Benzo(k)fluoranthene
Concen: 2.013 ng/ul
RT: 22.57 min Scan# 4600
Delta R.T. -0.01 min
Lab File: BN012832.D
Acq: 02 Dec 2020 23:09

Instrument :
BNA_N
ClientSampleId :
C0B77

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	23.4	35.2
125	10.6	10.2	15.2

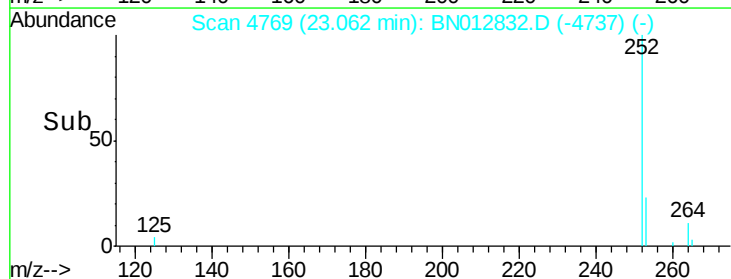
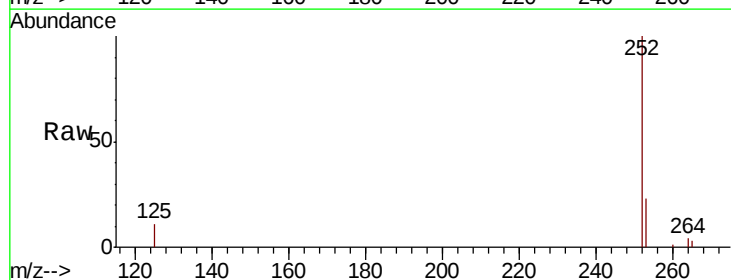
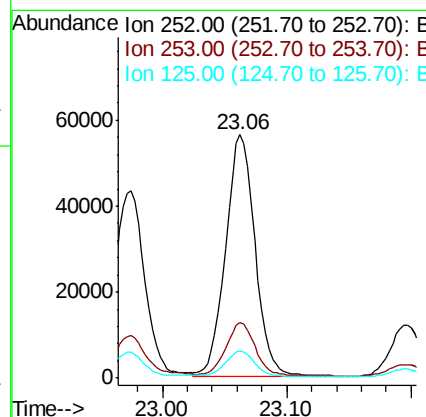
Manual Integrations
APPROVED

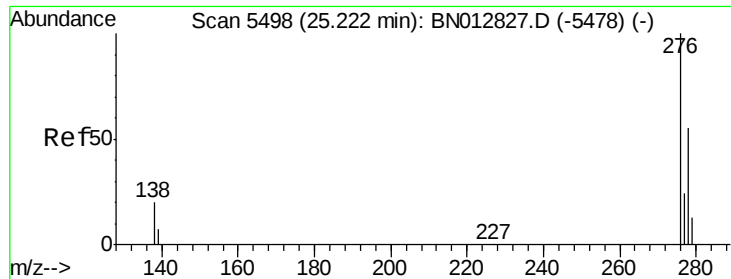
mohammad
12/3/2020 3:43:55 PM



#23
Benzo(a)pyrene
Concen: 4.063 ng/ul
RT: 23.06 min Scan# 4769
Delta R.T. -0.01 min
Lab File: BN012832.D
Acq: 02 Dec 2020 23:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	27.6	41.4#
125	11.0	17.0	25.4#





#24

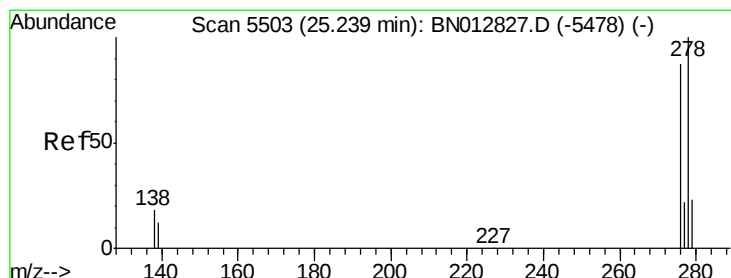
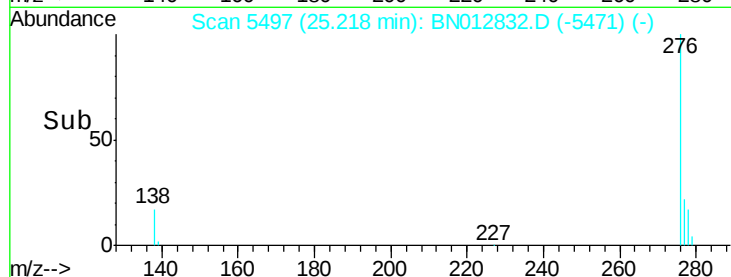
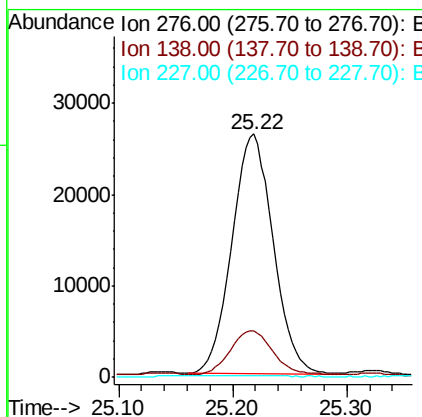
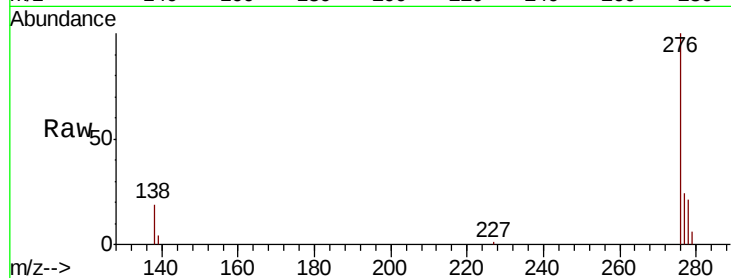
Indeno(1,2,3-cd)pyrene
Concen: 2.223 ng/ul
RT: 25.22 min Scan# 5497
Delta R.T. -0.01 min
Lab File: BN012832.D
Acq: 02 Dec 2020 23:09

Instrument :
BNA_N
ClientSampleId :
C0B77

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.5	24.7
227	0.1	0.1	0.1

Manual Integrations
APPROVED

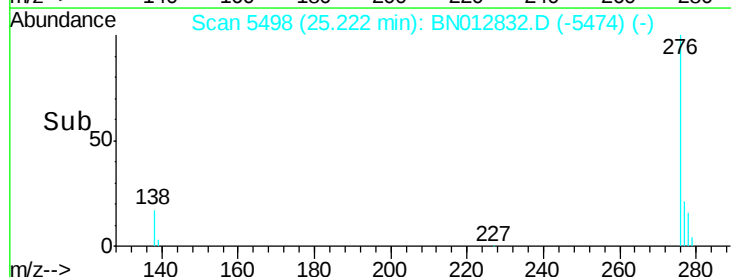
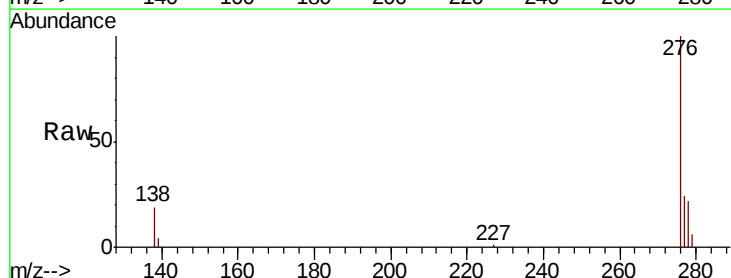
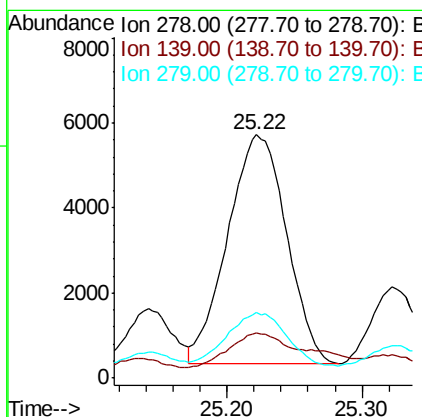
mohammad
12/3/2020 3:43:55 PM

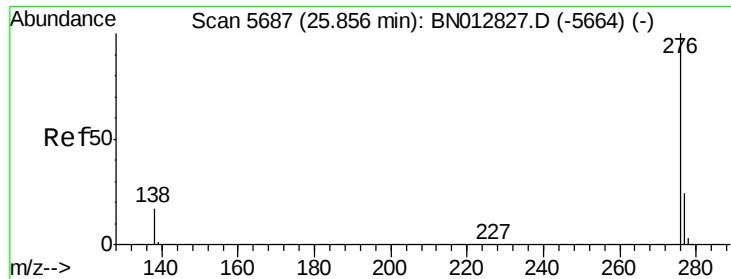


#25

Dibenzo(a,h)anthracene
Concen: 0.684 ng/ul
RT: 25.22 min Scan# 5498
Delta R.T. -0.02 min
Lab File: BN012832.D
Acq: 02 Dec 2020 23:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	13.8	20.8
279	27.0	25.6	38.4





#26

Benzo(a,h,i)perylene

Concen: 2.144 ng/ul

RT: 25.85 min Scan# 5684

Delta R.T. -0.01 min

Lab File: BN012832.D

Acq: 02 Dec 2020 23:09

Instrument :

BNA_N

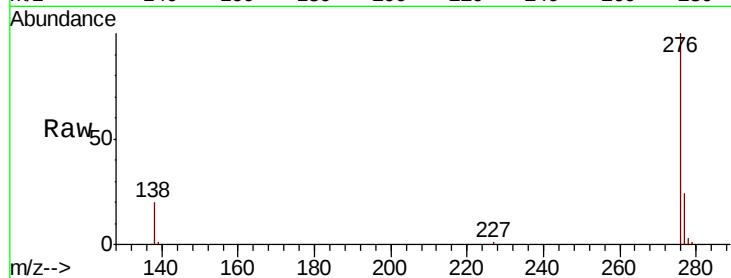
ClientSampleId :

C0B77

Tot Ion:	276	Resp:	57145
Ion Ratio	Lower	Upper	
276	100		
138	19.7	16.3	24.5
277	23.8	21.8	32.8

Manual Integrations
APPROVED

mohammad
12/3/2020 3:43:55 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

