

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012835.D
 Acq On : 03 Dec 2020 00:58
 Operator : CG/JU
 Sample : L4865-08
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B92

Manual Integrations
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Quant Time: Dec 03 02:27:12 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	1230	0.40	ng/ul	0.00
2) Naphthalene-d8	10.17	136	5068	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	2930	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	6347	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	5398	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	5359	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	883	0.12	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1976	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.22	128	1059	0.069	ng/ul#	89
5) 2-Methylnaphthalene	11.86	142	530	0.054	ng/ul	99
7) Acenaphthylene	13.79	152	1340	0.094	ng/ul	94
8) Acenaphthene	14.13	153	2285	0.190	ng/ul	98
9) Fluorene	15.13	166	2174	0.164	ng/ul	97
12) Phenanthrene	16.87	178	51990	2.354	ng/ul	96
13) Anthracene	16.96	178	9095	0.474	ng/ul	96
15) Fluoranthene	18.90	202	107420	4.213	ng/ul	96
17) Pyrene	19.26	202	92938	3.849	ng/ul	99
18) Benzo(a)anthracene	21.03	228	47329	2.447	ng/ul	98
19) Chrysene	21.08	228	48350	2.001	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	69384m	2.814	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	23368m	0.822	ng/ul	
23) Benzo(a)pyrene	23.06	252	45952	1.981	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.21	276	32924	1.085	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.22	278	8155	0.334	ng/ul	97
26) Benzo(a,h,i)perylene	25.85	276	28859	1.057	ng/ul	96

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

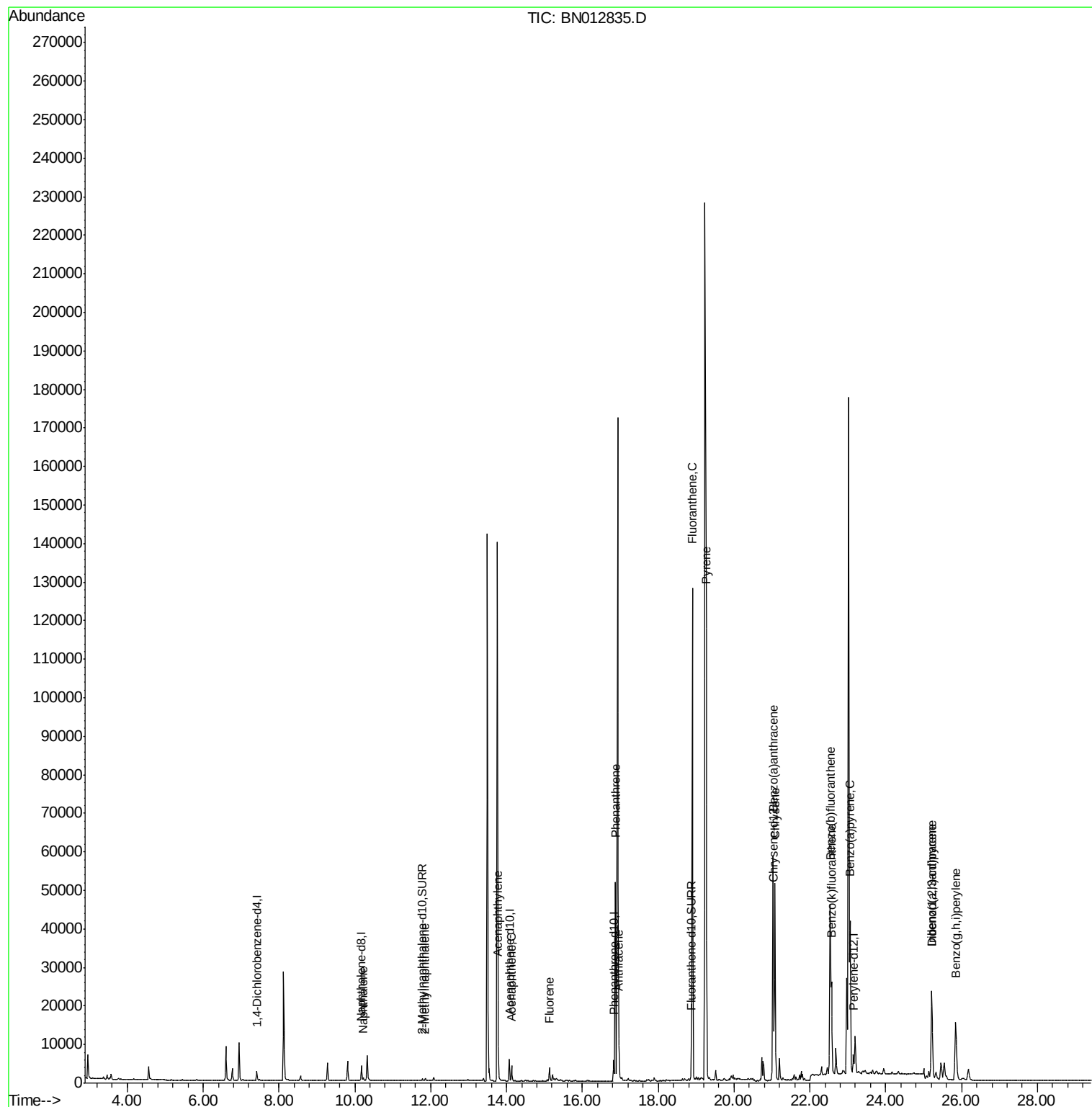
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012835.D
Acq On : 03 Dec 2020 00:58
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 62 Sample Multiplier: 1

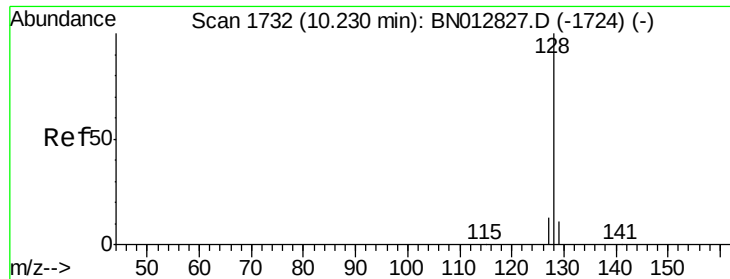
Instrument :
BNA_N
ClientSampleId :
C0B92

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Quant Time: Dec 03 02:27:12 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





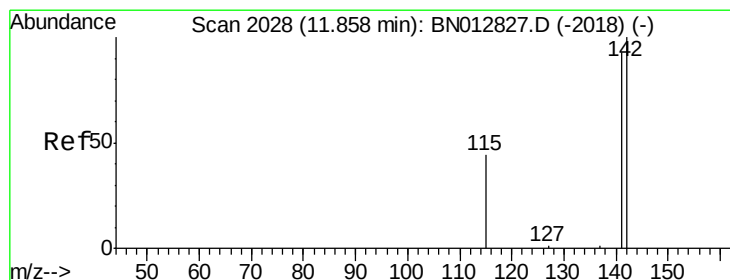
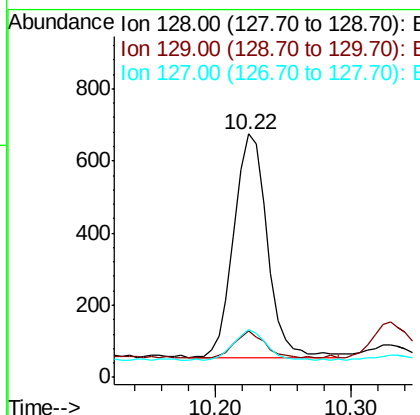
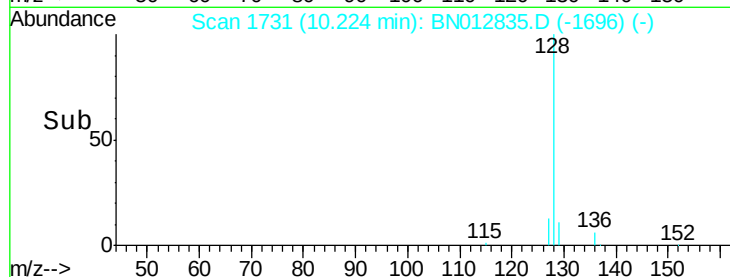
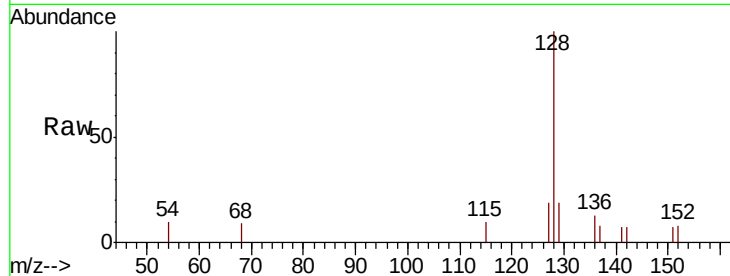
#3
Naphthalene
Concen: 0.069 ng/ul
RT: 10.22 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

Instrument :
BNA_N
ClientSampleId :
C0B92

Tot Ion	Ratio	Lower	Upper
128	100		
129	19.1	11.2	16.8#
127	19.4	12.5	18.7#

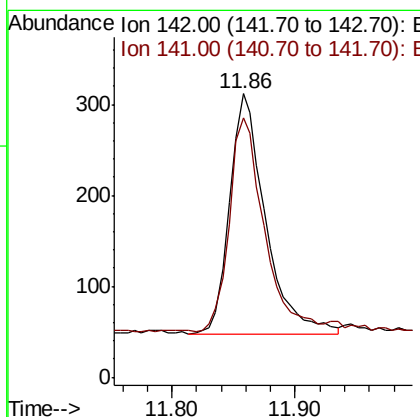
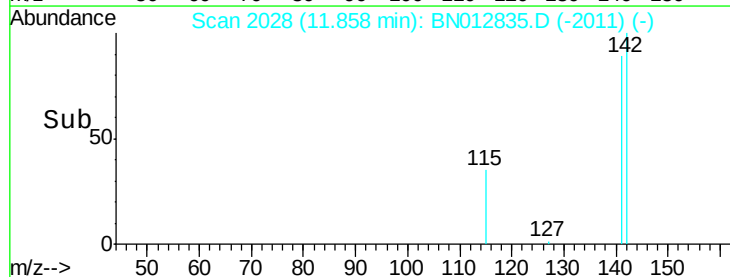
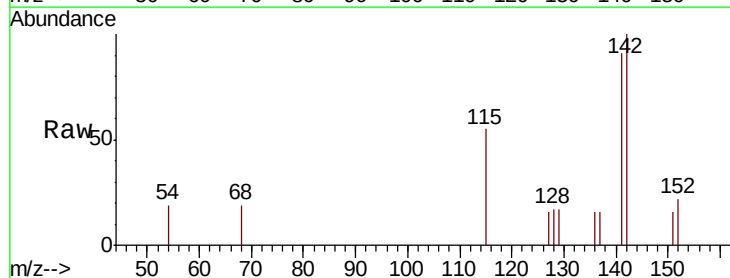
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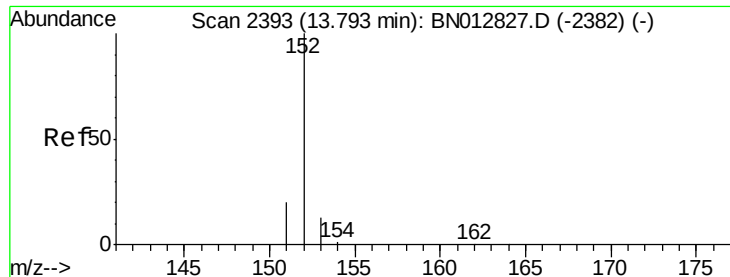
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#5
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 11.86 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.3	108.5





#7

Acenaphthylene

Concen: 0.094 ng/ul

RT: 13.79 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Instrument :

BNA_N

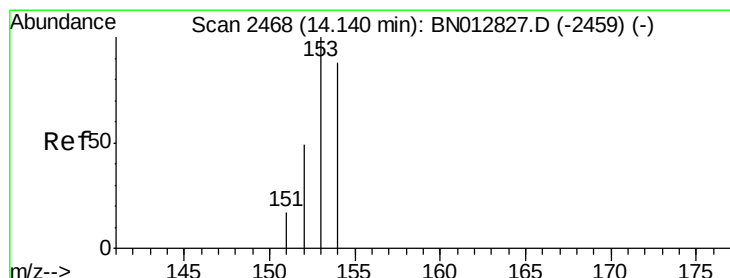
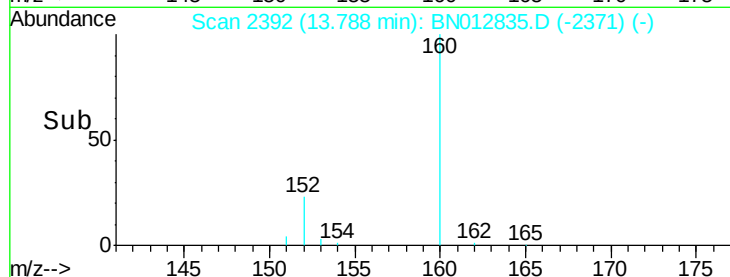
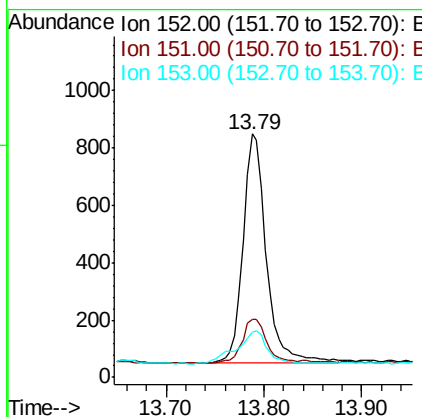
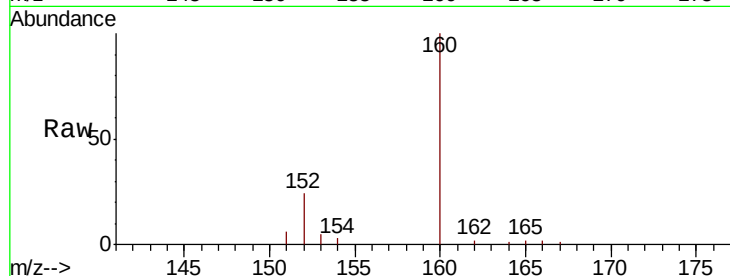
ClientSampleId :

C0B92

Tot Ion:	152	Resp:	1340
Ion	Ratio	Lower	Upper
152	100		
151	24.0	17.1	25.7
153	18.6	12.6	19.0

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#8

Acenaphthene

Concen: 0.190 ng/ul

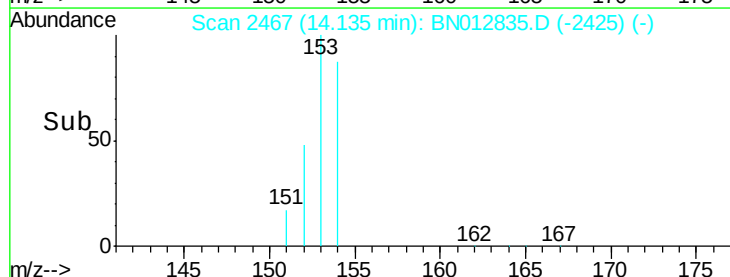
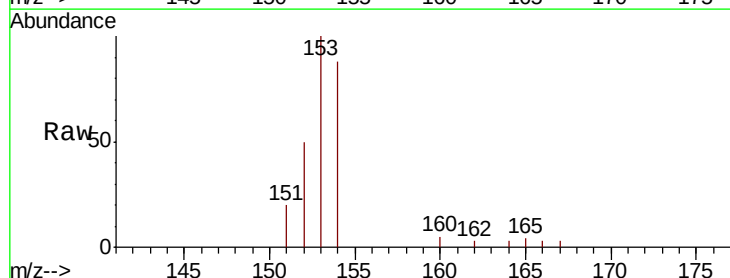
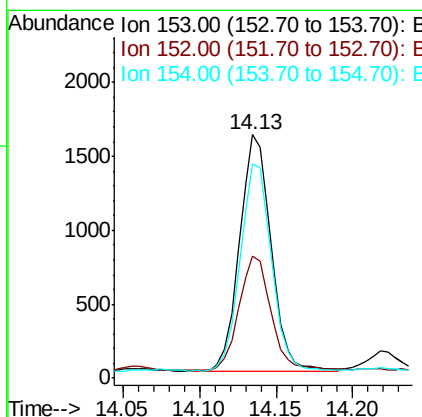
RT: 14.13 min Scan# 2467

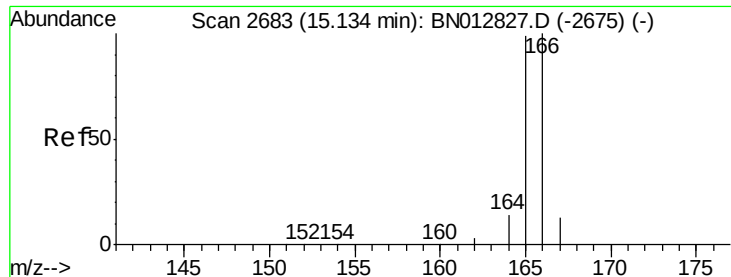
Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Tgt Ion:	153	Resp:	2285
Ion	Ratio	Lower	Upper
153	100		
152	49.9	41.4	62.0
154	87.7	70.9	106.3





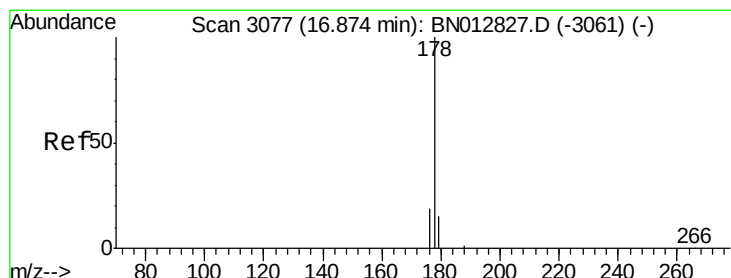
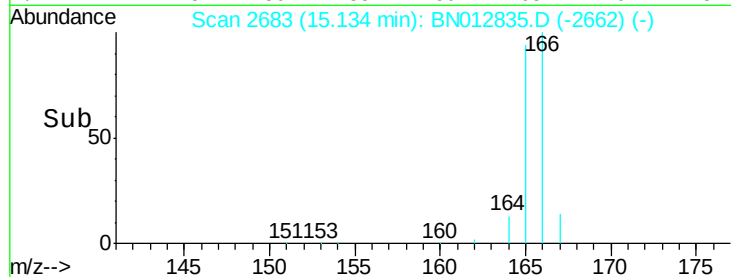
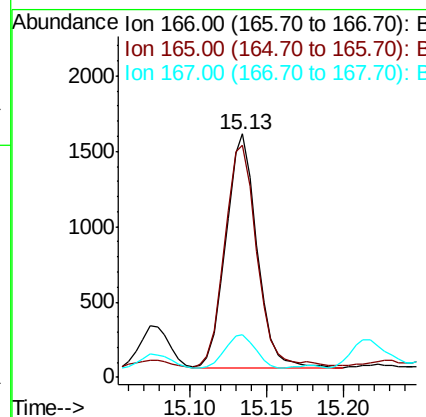
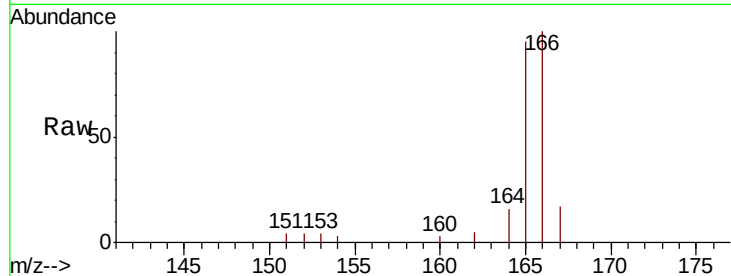
#9
Fluorene
 Concen: 0.164 ng/ul
 RT: 15.13 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: BN012835.D
 Acq: 03 Dec 2020 00:58

Instrument :
 BNA_N
 ClientSampleId :
 C0B92

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.5	78.5	117.7
167	17.3	12.7	19.1

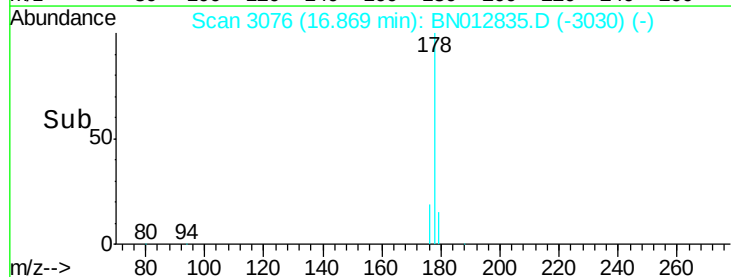
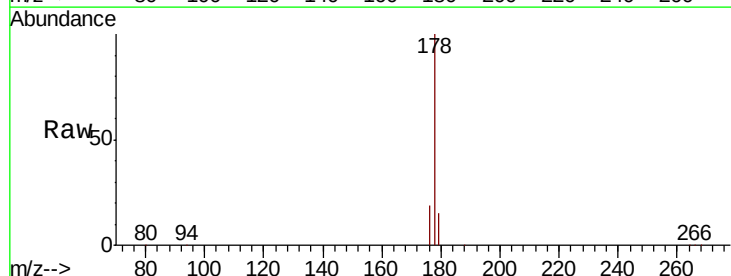
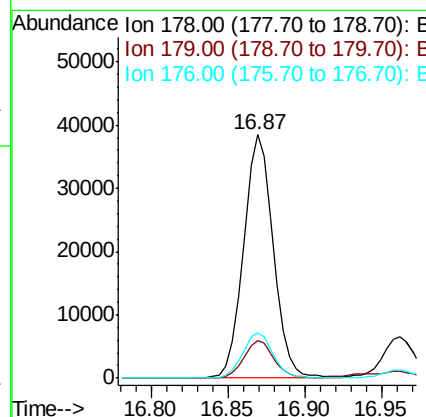
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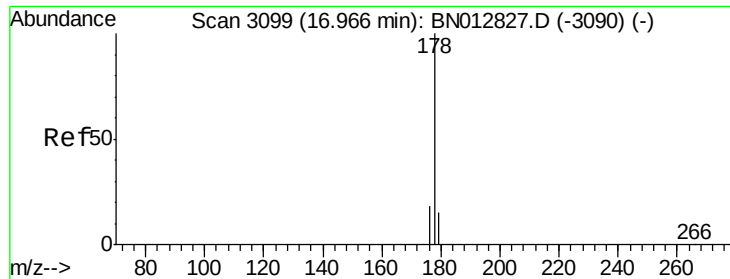
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#12
Phenanthrene
 Concen: 2.354 ng/ul
 RT: 16.87 min Scan# 3076
 Delta R.T. -0.00 min
 Lab File: BN012835.D
 Acq: 03 Dec 2020 00:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.8	20.6
176	18.8	16.7	25.1





#13

Anthracene

Concen: 0.474 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Instrument :

BNA_N

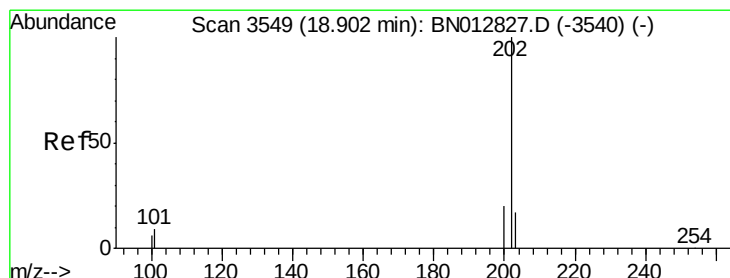
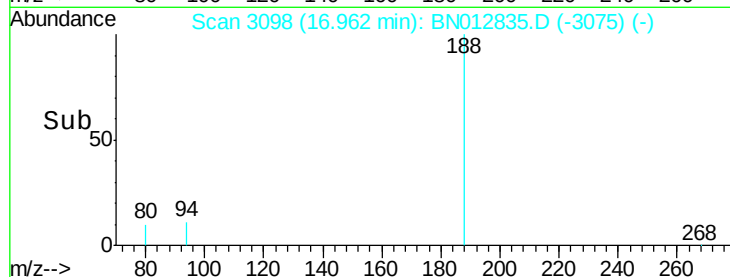
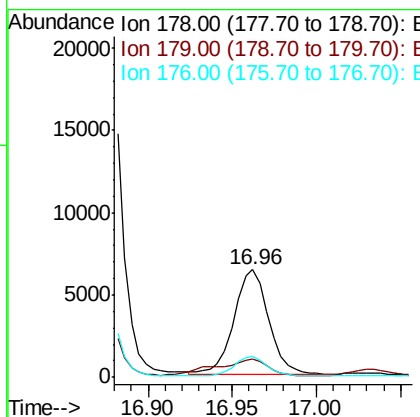
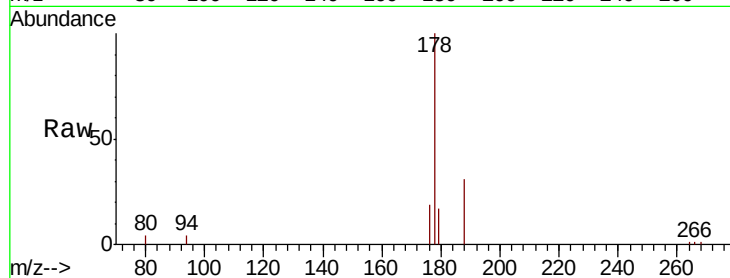
ClientSampled :

C0B92

Tot Ion:	178	Resp:	9095
Ion Ratio	Lower	Upper	
178	100		
179	16.7	14.8	22.2
176	18.9	16.3	24.5

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#15

Fluoranthene

Concen: 4.213 ng/ul

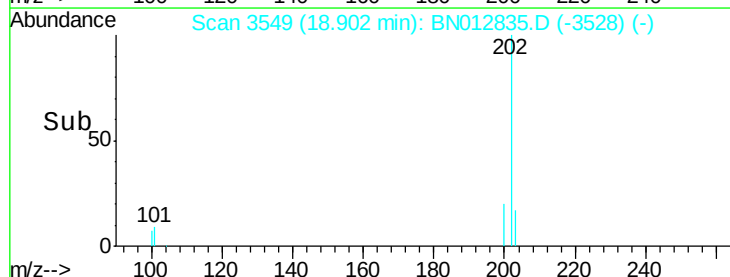
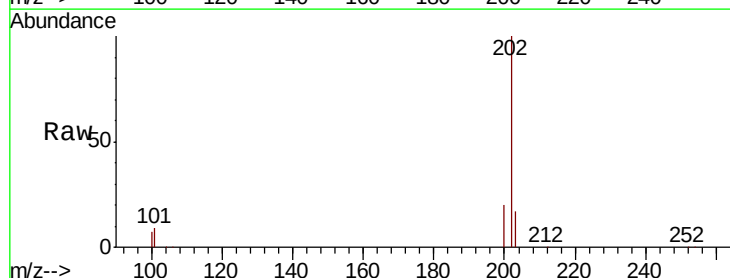
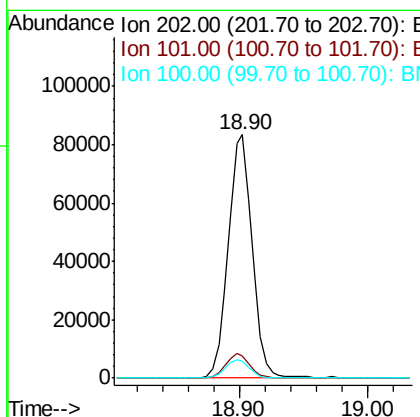
RT: 18.90 min Scan# 3549

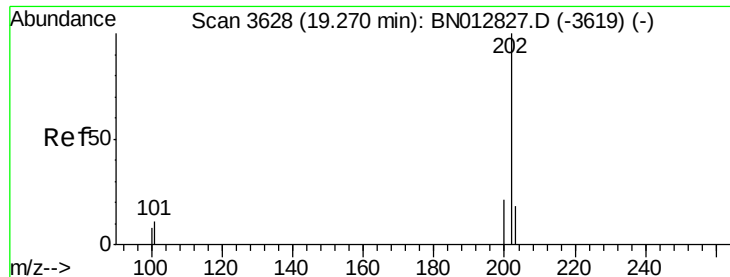
Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Tgt Ion:	202	Resp:	107420
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.5
100	7.0	0.0	28.4





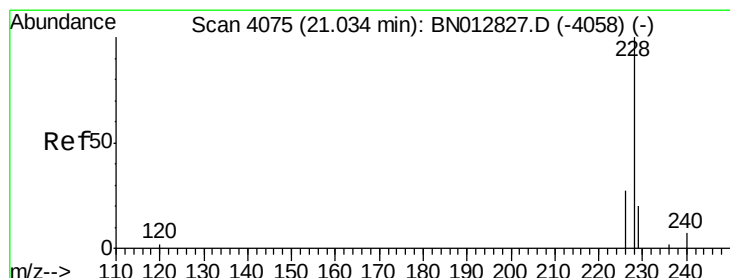
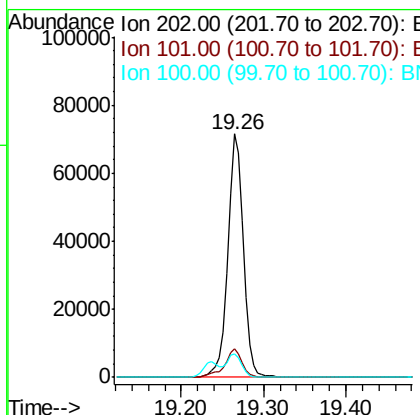
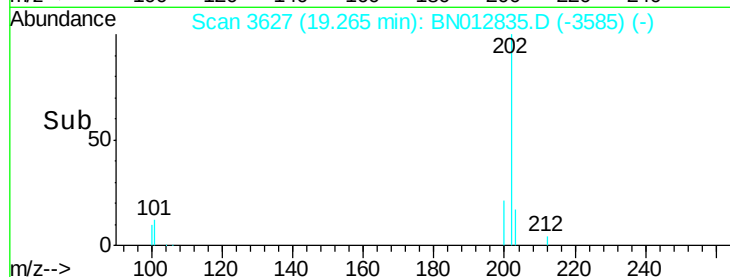
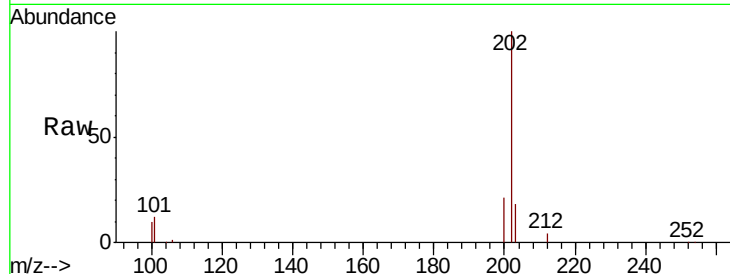
#17
 Pyrene
 Concen: 3.849 ng/ul
 RT: 19.26 min Scan# 3627
 Delta R.T. -0.00 min
 Lab File: BN012835.D
 Acq: 03 Dec 2020 00:58

Instrument :
 BNA_N
 ClientSampleId :
 C0B92

Tot Ion:	202	Resp:	92938
Ion Ratio	Lower	Upper	
202	100		
101	11.8	8.9	13.3
100	9.7	7.4	11.2

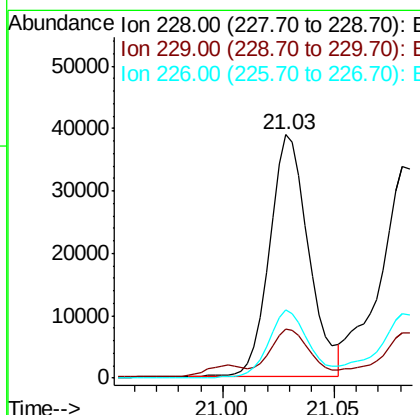
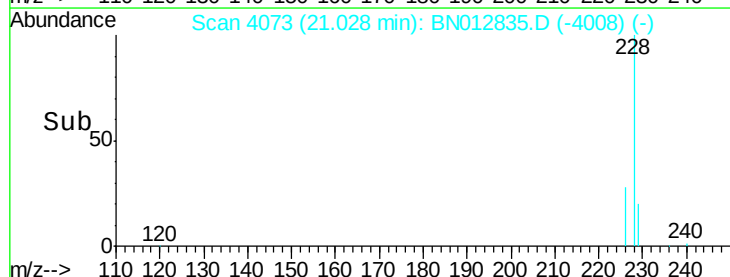
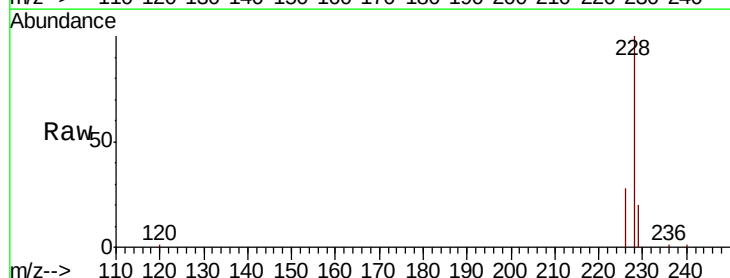
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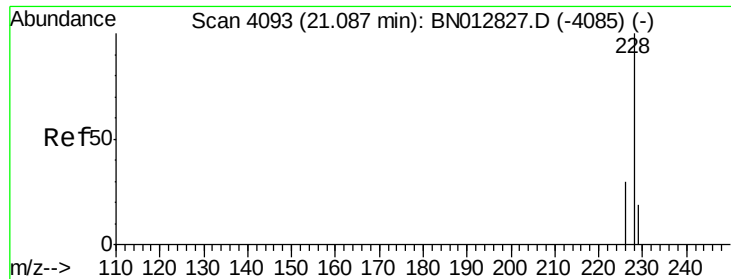
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#18
 Benzo(a)anthracene
 Concen: 2.447 ng/ul
 RT: 21.03 min Scan# 4073
 Delta R.T. -0.01 min
 Lab File: BN012835.D
 Acq: 03 Dec 2020 00:58

Tgt Ion:	228	Resp:	47329
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.9	25.3
226	28.1	23.1	34.7





#19

Chrysene

Concen: 2.001 ng/ul

RT: 21.08 min Scan# 4091

Delta R.T. -0.01 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Instrument :

BNA_N

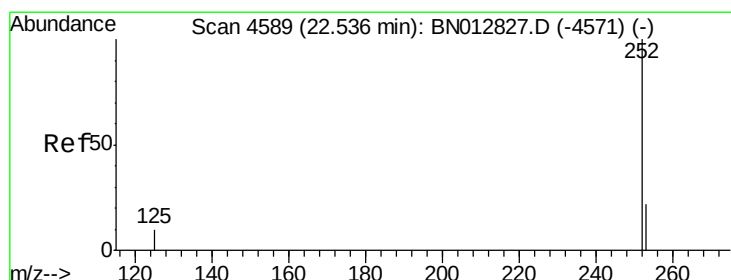
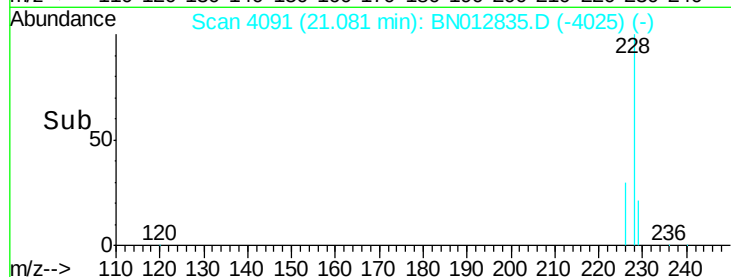
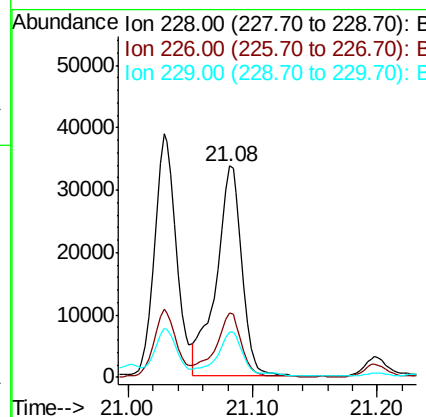
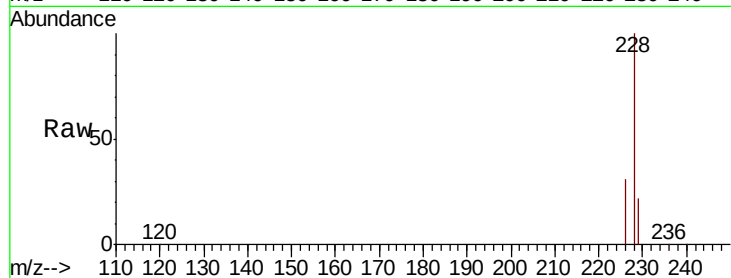
ClientSampleId :

C0B92

Tot Ion:228	Resp:	48350
Ion Ratio	Lower	Upper
228 100		
226 30.6	24.4	36.6
229 21.6	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 2.814 ng/ul m

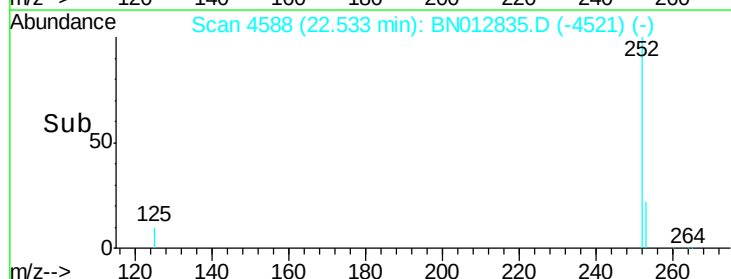
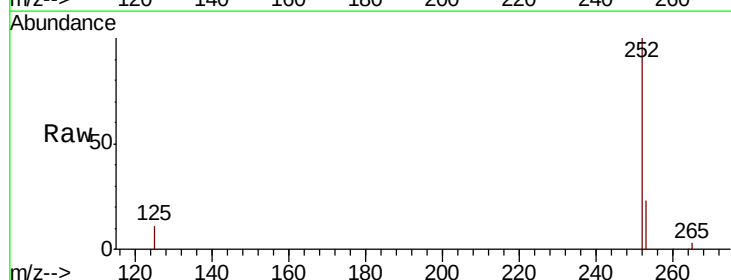
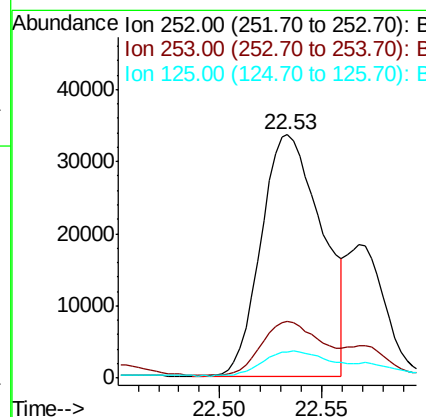
RT: 22.53 min Scan# 4588

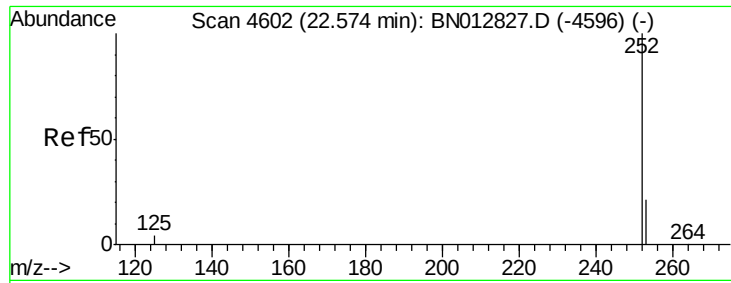
Delta R.T. -0.00 min

Lab File: BN012835.D

Acq: 03 Dec 2020 00:58

Tgt Ion:252	Resp:	69384
Ion Ratio	Lower	Upper
252 100		
253 23.0	0.0	58.4
125 10.9	0.0	28.6





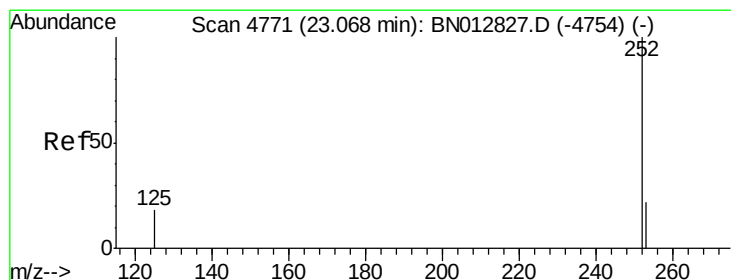
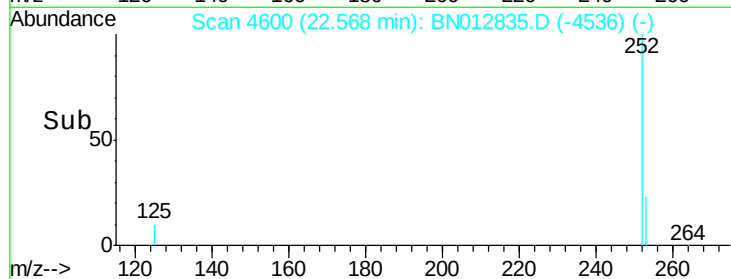
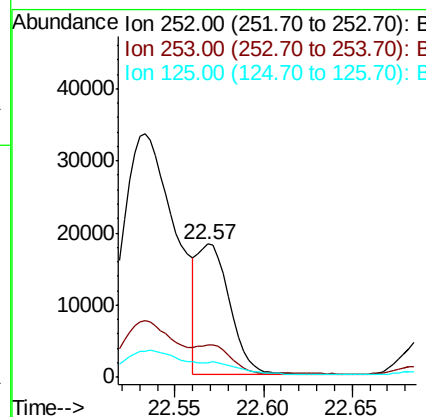
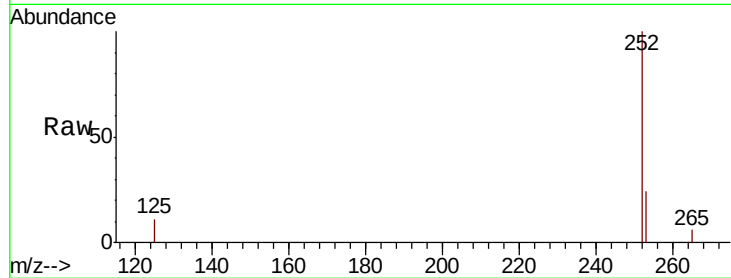
#22
Benzo(k)fluoranthene
Concen: 0.822 ng/ul m
RT: 22.57 min Scan# 4600
Delta R.T. -0.01 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

Instrument :
BNA_N
ClientSampleId :
C0B92

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	23.4	35.2
125	11.3	10.2	15.2

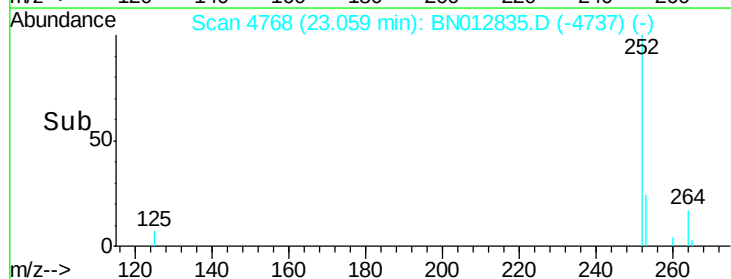
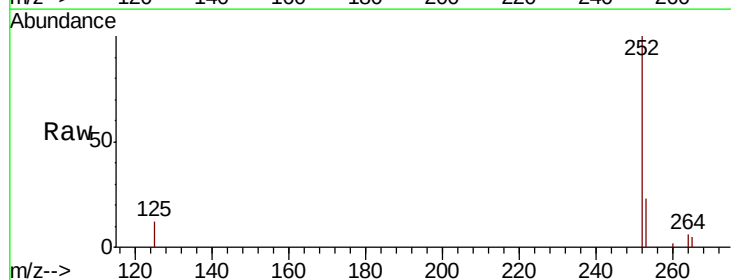
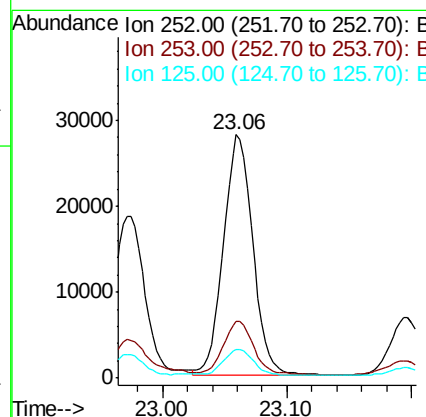
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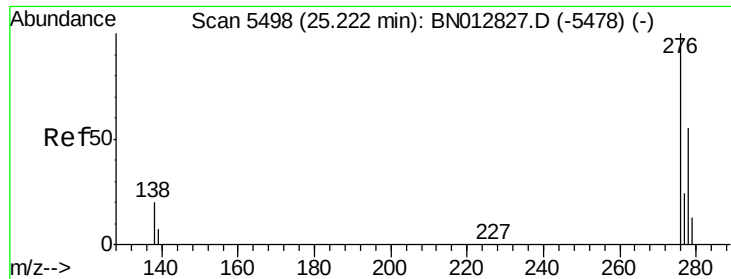
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#23
Benzo(a)pyrene
Concen: 1.981 ng/ul
RT: 23.06 min Scan# 4768
Delta R.T. -0.01 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	27.6	41.4#
125	11.9	17.0	25.4#





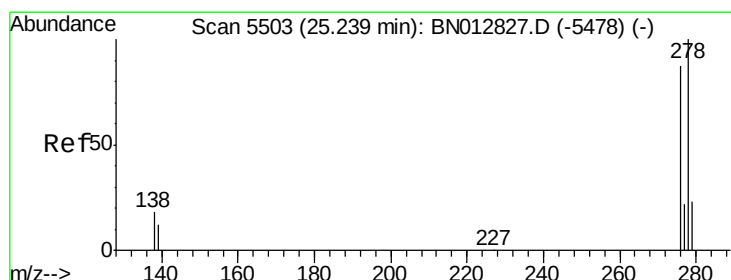
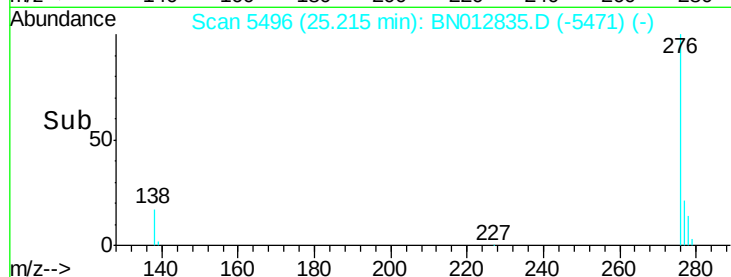
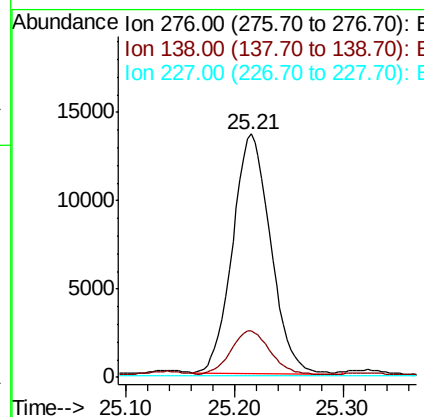
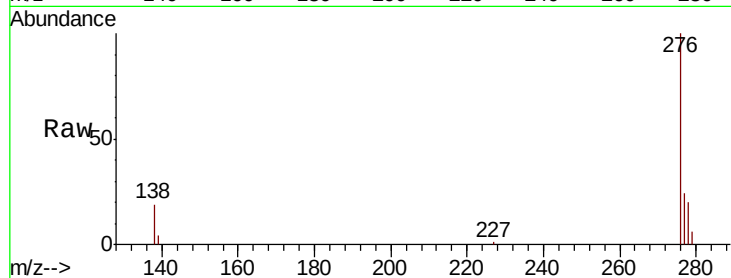
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.085 ng/ul
RT: 25.21 min Scan# 5496
Delta R.T. -0.02 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

Instrument :
BNA_N
ClientSampleId :
C0B92

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.5	24.7
227	0.2	0.1	0.1#

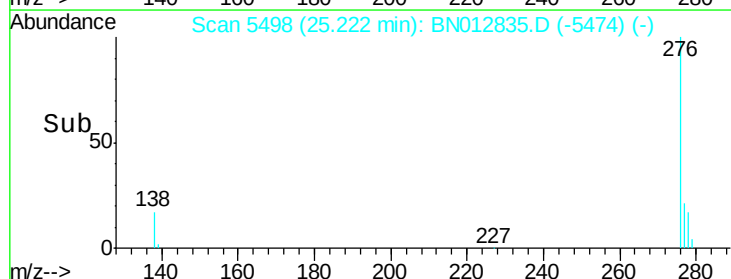
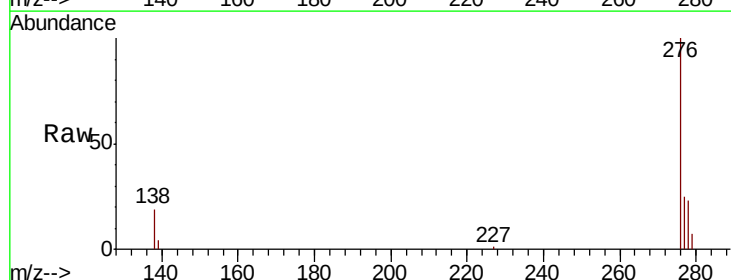
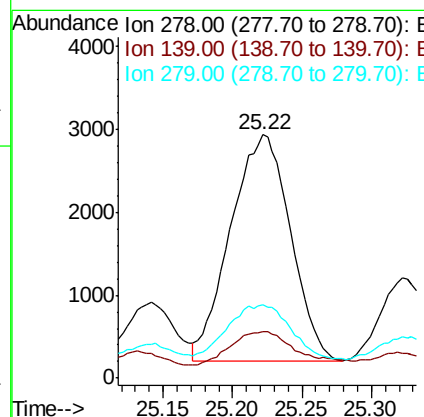
Manual Integrations
APPROVED

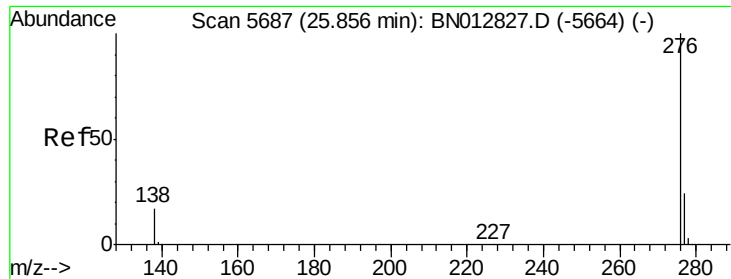
mohammad
12/3/2020 3:44:01 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.334 ng/ul
RT: 25.22 min Scan# 5498
Delta R.T. -0.02 min
Lab File: BN012835.D
Acq: 03 Dec 2020 00:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.8	20.8
279	30.1	25.6	38.4





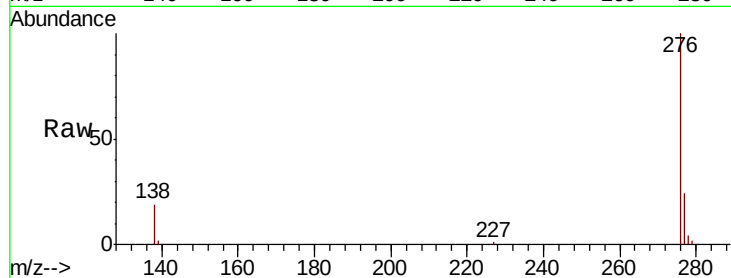
#26
 Benzo(a,h,i)perylene
 Concen: 1.057 ng/ul
 RT: 25.85 min Scan# 5685
 Delta R.T. -0.01 min
 Lab File: BN012835.D
 Acq: 03 Dec 2020 00:58

Instrument :
 BNA_N
 ClientSampleId :
 C0B92

Tot Ion:	276	Resp:	28859
Ion Ratio	Lower	Upper	
276	100		
138	19.0	16.3	24.5
277	24.4	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:44:01 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

