

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015451.D
 Acq On : 09 Jul 2021 18:12
 Operator : CG/JU
 Sample : M2854-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDW3

Manual Integrations
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 7/12/2021 9:33:00 AM

Quant Time: Jul 09 18:51:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	2750	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	9708	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	5179	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	10232	0.400	ng/ul	0.00
17) Chrysene-d12	21.284	240	8530	0.400	ng/ul	0.00
23) Perylene-d12	23.526	264	7873	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	8307	2.680	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	3347	0.220	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	7127	0.254	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	1338	0.043	ng/ul#	86
10) Acenaphthylene	14.057	152	2454	0.092	ng/ul	94
12) Fluorene	15.390	166	824	0.036	ng/ul#	92
15) Phenanthrene	17.128	178	14081	0.379	ng/ul	99
16) Anthracene	17.217	178	8981	0.274	ng/ul	99
19) Fluoranthene	19.150	202	65922	1.672	ng/ul	100
20) Pyrene	19.513	202	39577	1.001	ng/ul	99
21) Benzo(a)anthracene	21.270	228	34650	1.097	ng/ul	96
22) Chrysene	21.322	228	29241	0.773	ng/ul	97
24) Benzo(b)fluoranthene	22.857	252	34269m	0.932	ng/ul	
25) Benzo(k)fluoranthene	22.895	252	17190m	0.414	ng/ul	
26) Benzo(a)pyrene	23.427	252	11940	0.387	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.773	276	10215	0.274	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.784	278	5650	0.193	ng/ul#	86
29) Benzo(g,h,i)perylene	26.458	276	2732	0.079	ng/ul#	75

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

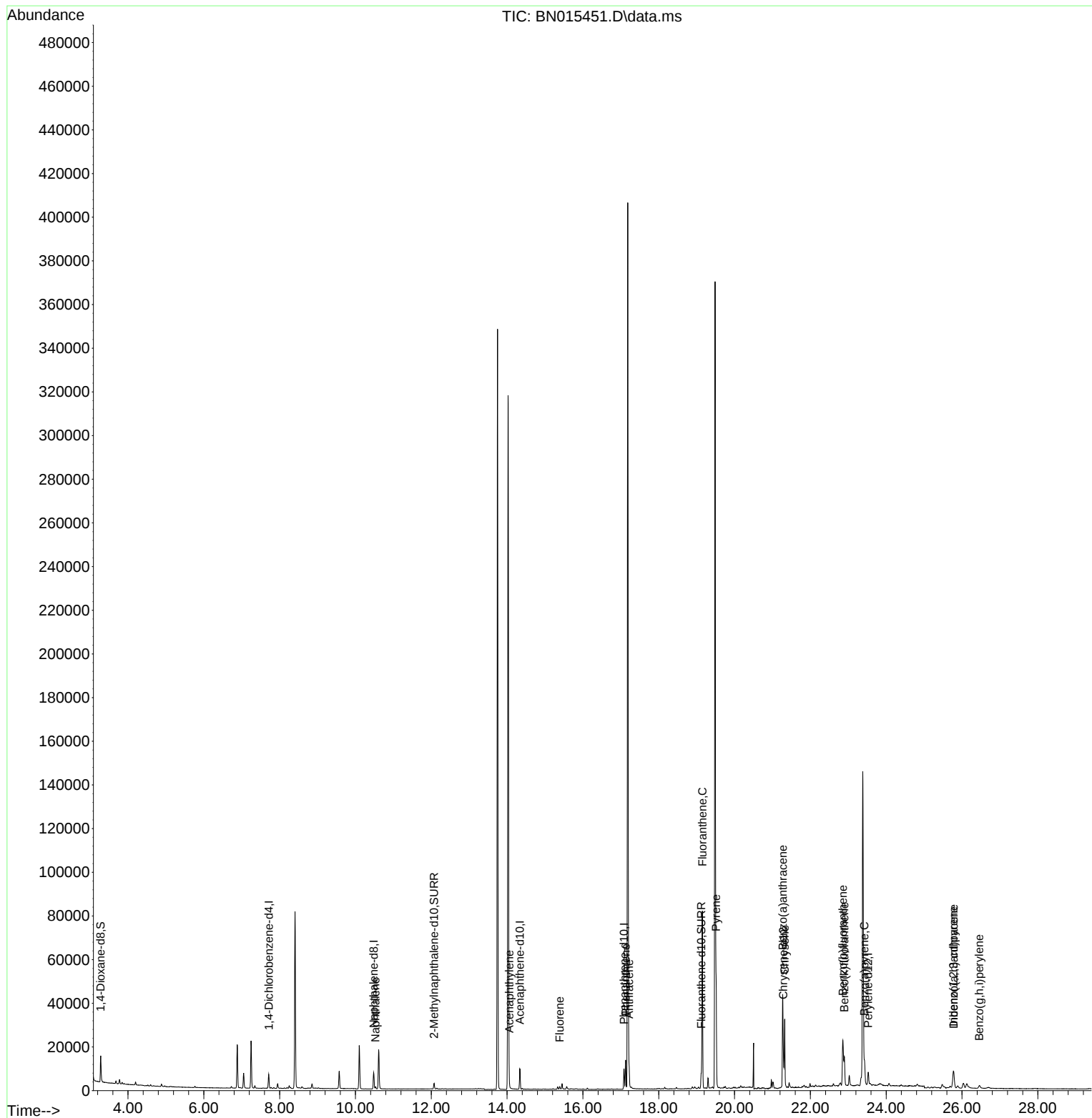
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Data File : BN015451.D
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Operator : CG/JU
Sample : M2854-19
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ALS Vial : 4 Sample Multiplier: 1

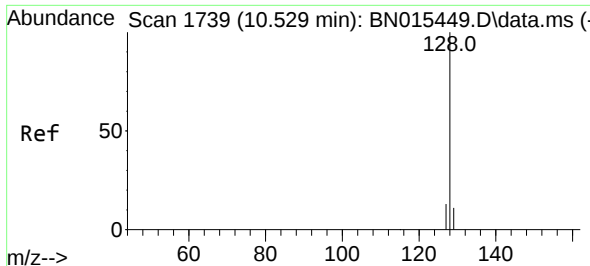
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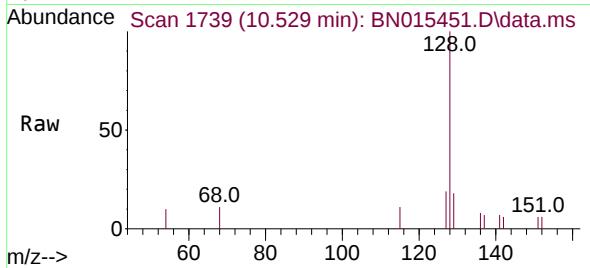
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Quant Time: Jul 09 18:51:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

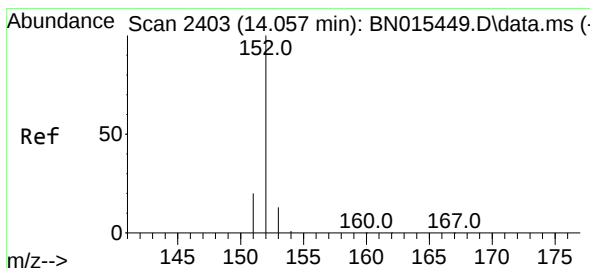
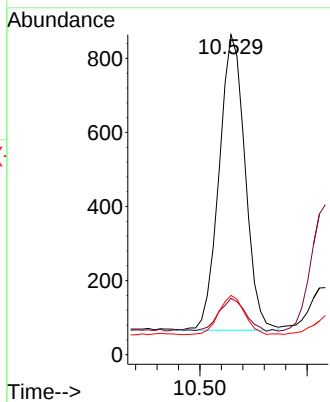
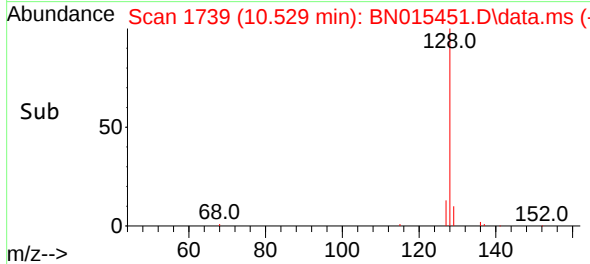




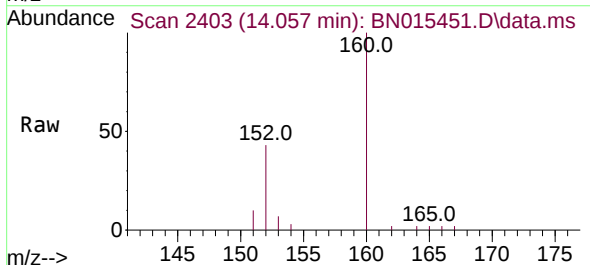
#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12



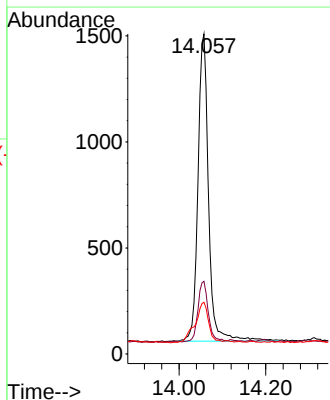
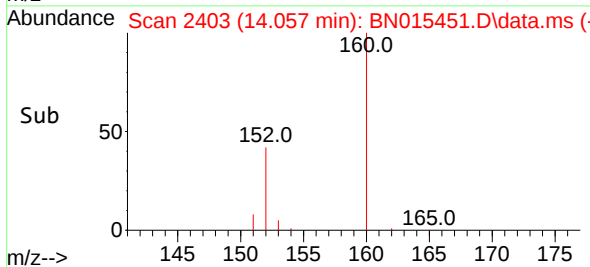
Tgt Ion:	128	Resp:	1338
Ion Ratio	Lower	Upper	
128	100		
129	17.6	9.3	13.9#
127	18.5	10.8	16.2#



#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 14.057 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12



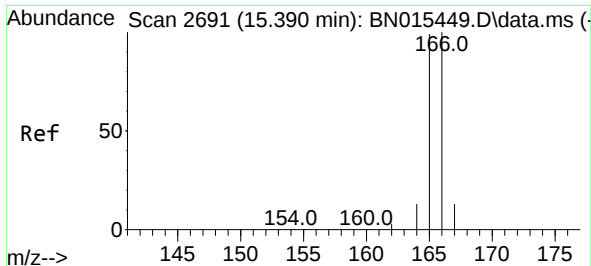
Tgt Ion:	152	Resp:	2454
Ion Ratio	Lower	Upper	
152	100		
151	22.7	16.0	24.0
153	16.2	10.9	16.3



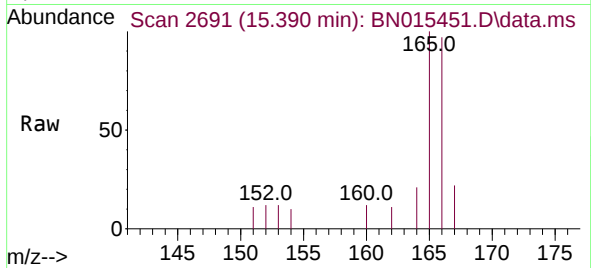
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BNA_N
ClientSampleId :
BGDW3

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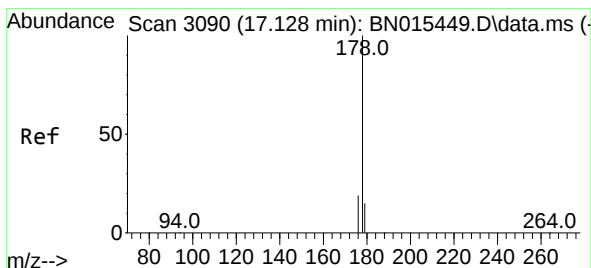
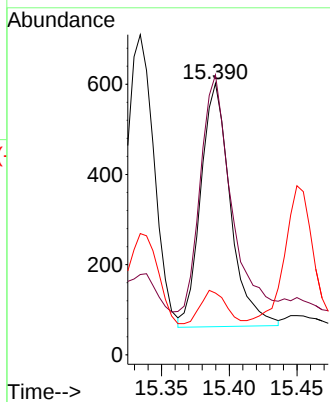
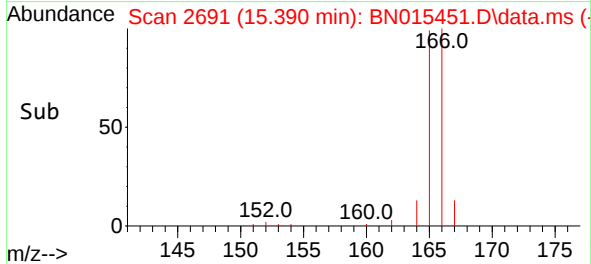
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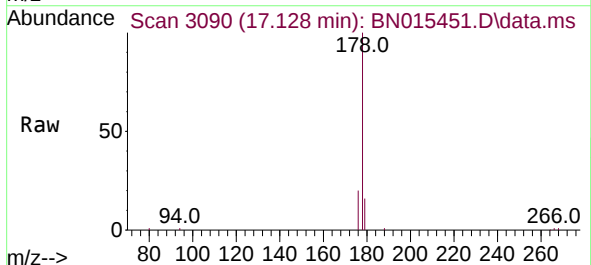
#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12



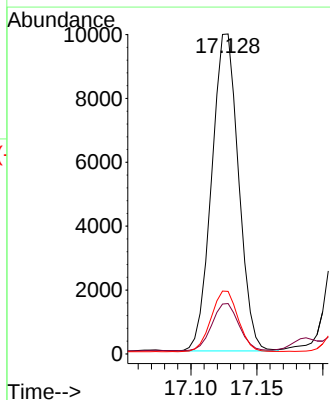
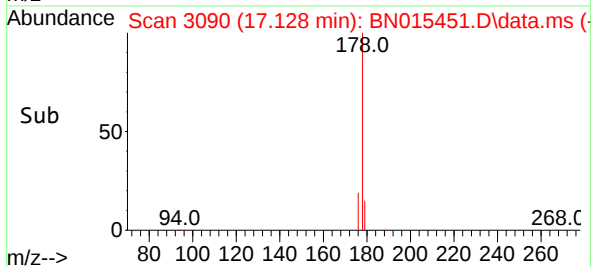
Tgt Ion:166 Resp: 824
Ion Ratio Lower Upper
166 100
165 103.2 77.8 116.8
167 22.8 11.2 16.8#



#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.128 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12



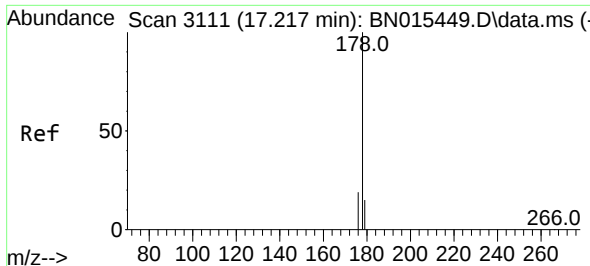
Tgt Ion:178 Resp: 14081
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.5 15.5 23.3



Instrument :
BNA_N
ClientSampleId :
BGDW3

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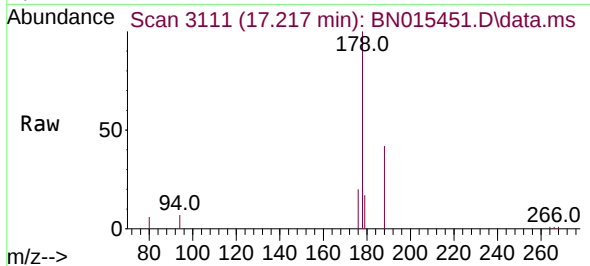


#16
 Anthracene
 Concen: 0.274 ng/ul
 RT: 17.217 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: BN015451.D
 Acq: 09 Jul 2021 18:12

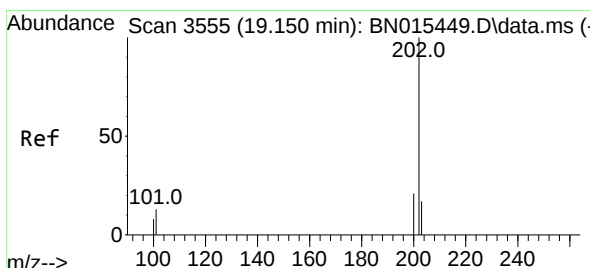
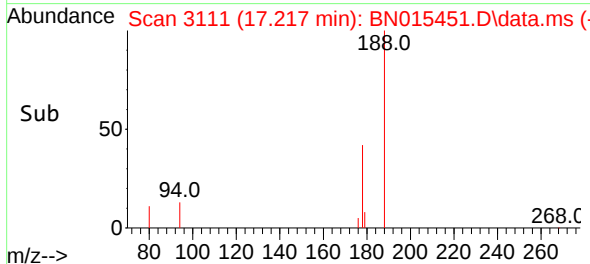
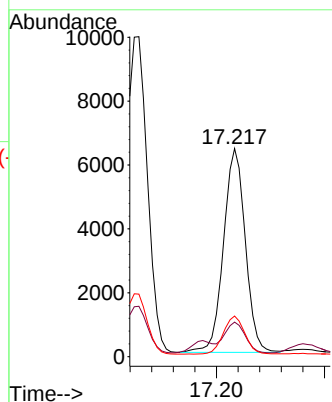
Instrument :
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 ClientSampleId :
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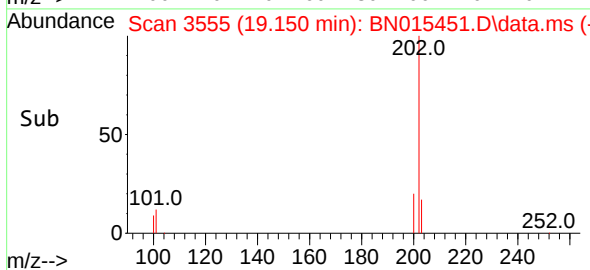
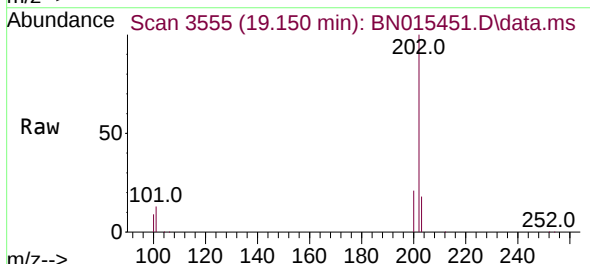
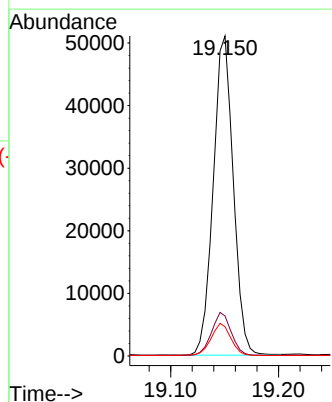


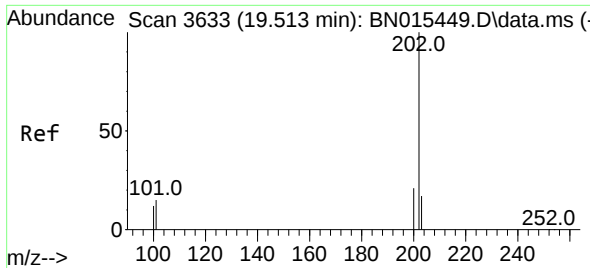
Tgt Ion:	178	Resp:	8981
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.8	19.2
176	19.6	15.2	22.8



#19
 Fluoranthene
 Concen: 1.672 ng/ul
 RT: 19.150 min Scan# 3555
 Delta R.T. 0.001 min
 Lab File: BN015451.D
 Acq: 09 Jul 2021 18:12

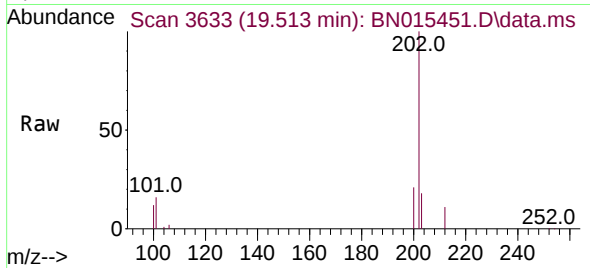
Tgt Ion:	202	Resp:	65922
Ion Ratio	Lower	Upper	
202	100		
101	12.5	10.1	15.1
100	9.2	7.4	11.0





#20
Pyrene
Concen: 1.001 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12

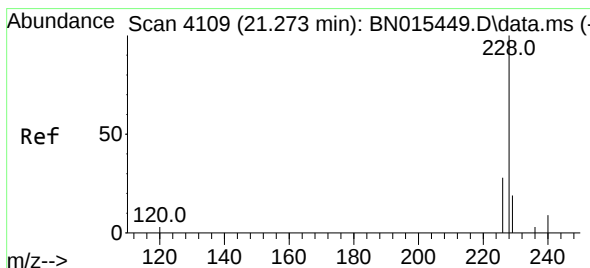
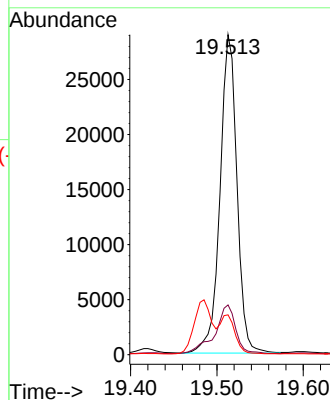
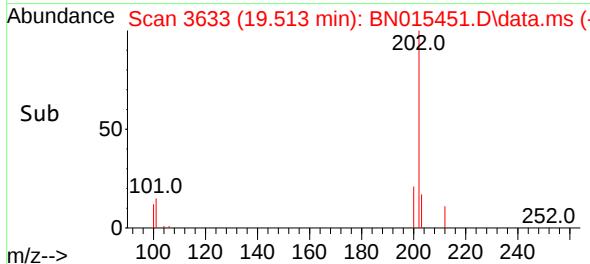
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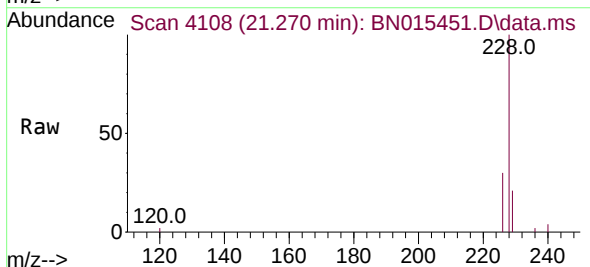
Tgt Ion:202 Resp: 39577
Ion Ratio Lower Upper
202 100
101 15.6 12.0 18.0
100 12.4 9.6 14.4

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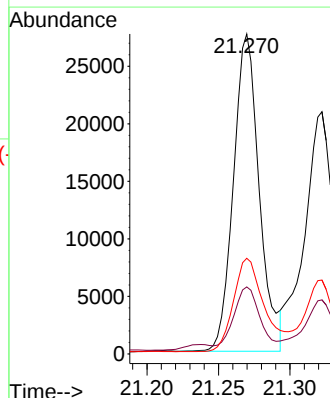
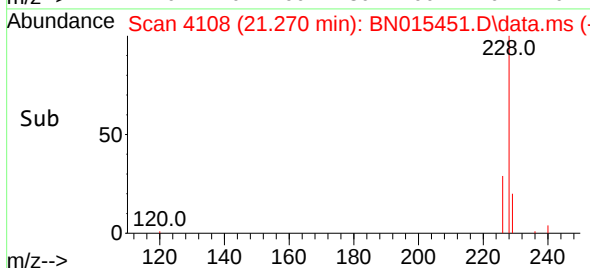
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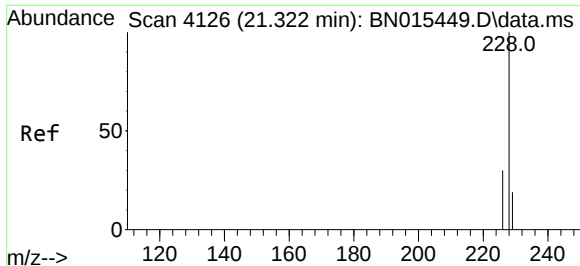


#21
Benzo(a)anthracene
Concen: 1.097 ng/ul
RT: 21.270 min Scan# 4108
Delta R.T. -0.002 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12



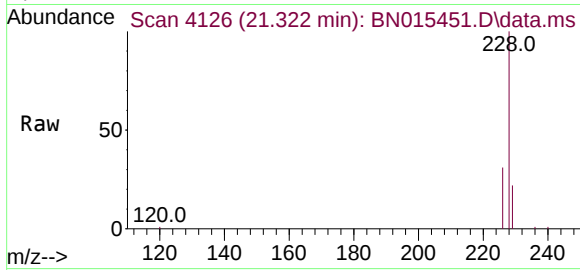
Tgt Ion:228 Resp: 34650
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 29.9 21.8 32.8





#22
Chrysene
Concen: 0.773 ng/ul
RT: 21.322 min Scan# 4126
Delta R.T. 0.001 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12

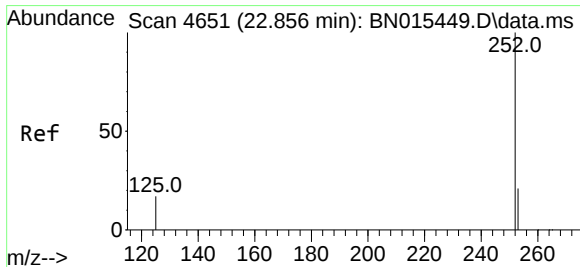
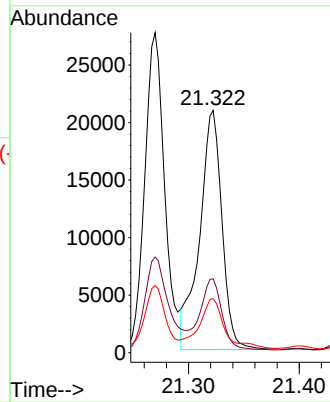
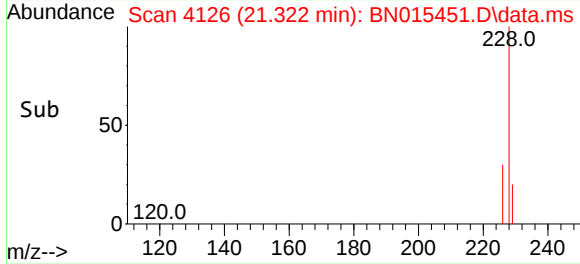
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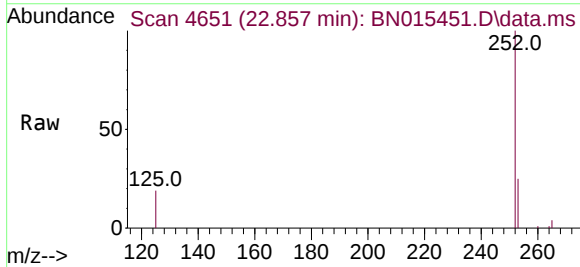
Tgt Ion:228 Resp: 29241
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 22.3 15.7 23.5

Manual Integrations
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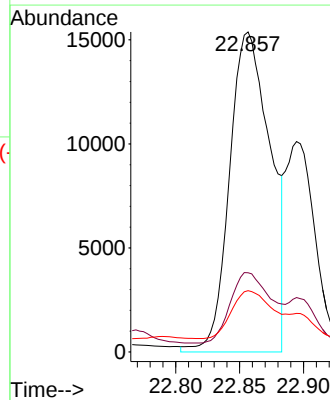
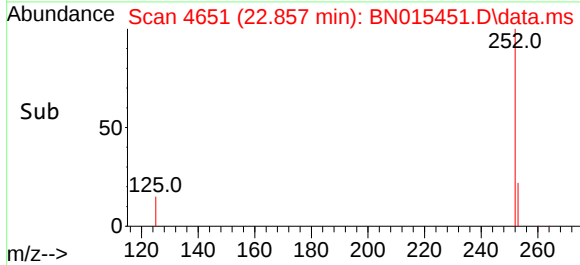
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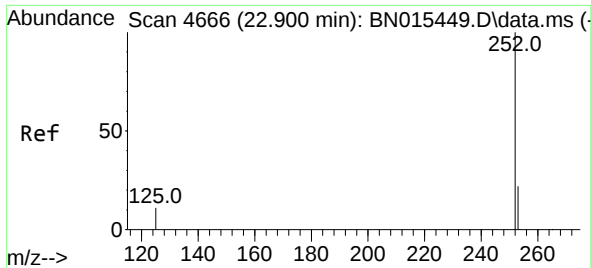


#24
Benzo(b)fluoranthene
Concen: 0.932 ng/ul m
RT: 22.857 min Scan# 4651
Delta R.T. 0.001 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12

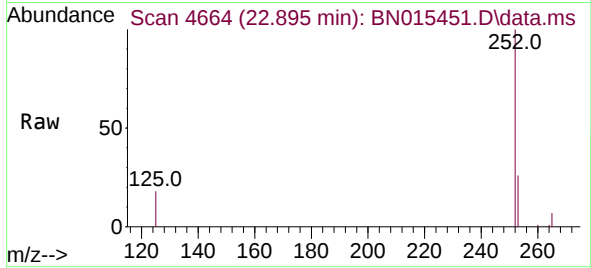


Tgt Ion:252 Resp: 34269
Ion Ratio Lower Upper
252 100
253 24.7 0.0 45.6
125 19.1 0.0 28.4

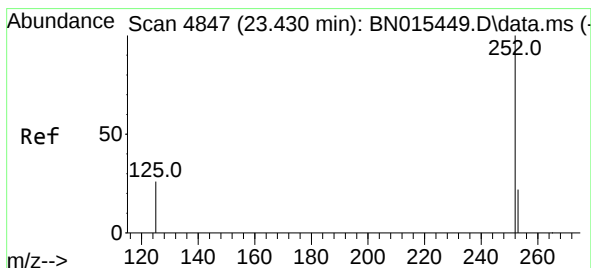
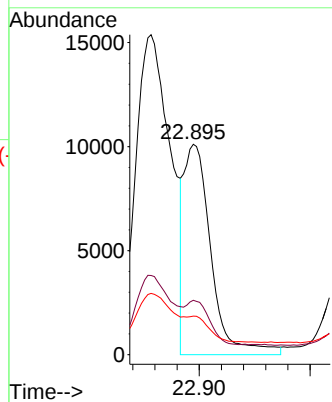
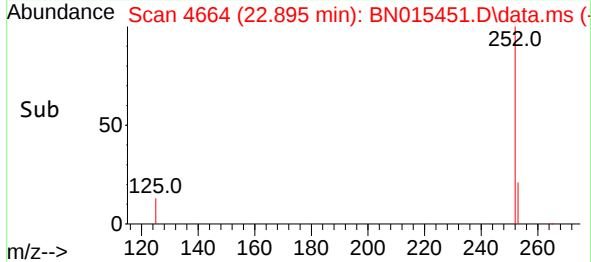




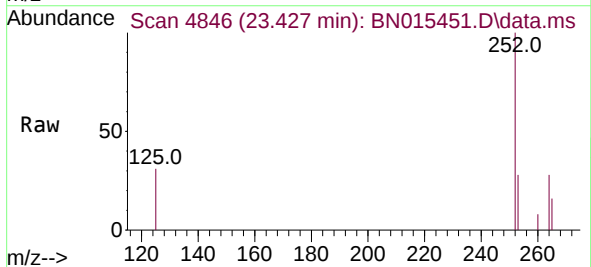
#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul m
RT: 22.895 min Scan# 4664
Delta R.T. -0.005 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12



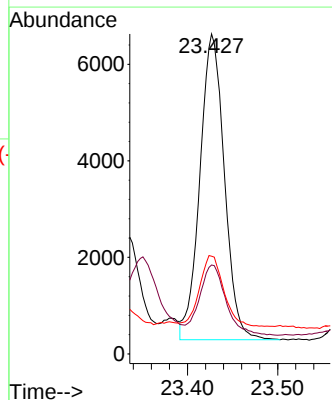
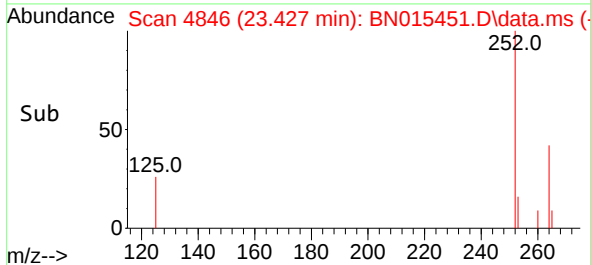
Tgt Ion:252 Resp: 17190
Ion Ratio Lower Upper
252 100
253 25.9 18.1 27.1
125 18.4 11.5 17.3#



#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.427 min Scan# 4846
Delta R.T. -0.002 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12



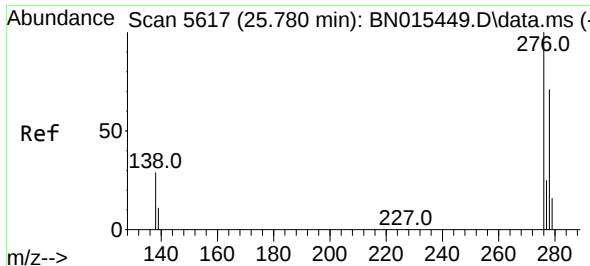
Tgt Ion:252 Resp: 11940
Ion Ratio Lower Upper
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125 30.6 13.5 20.3#



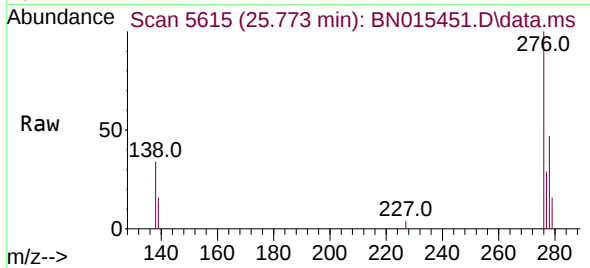
Instrument :
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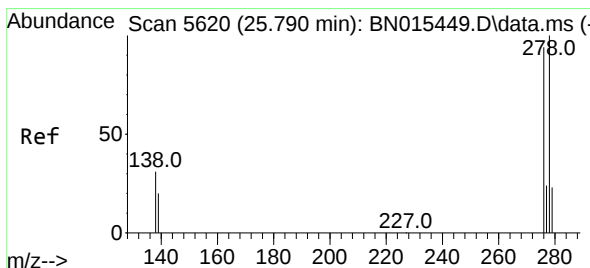
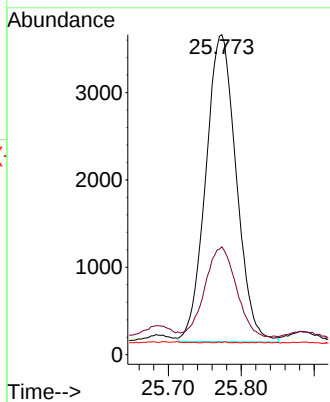
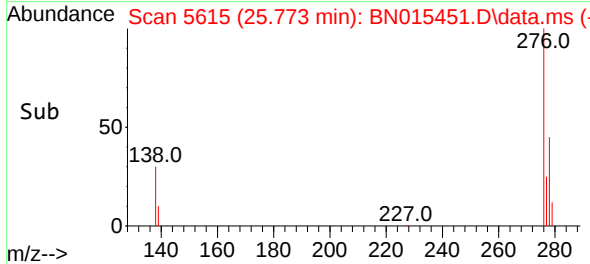
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7/12/2021 9:33:00 AM



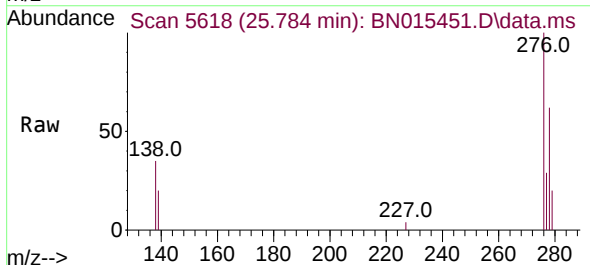
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng/ul
RT: 25.773 min Scan# 5615
Delta R.T. -0.003 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12



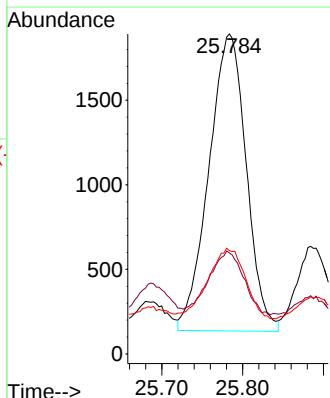
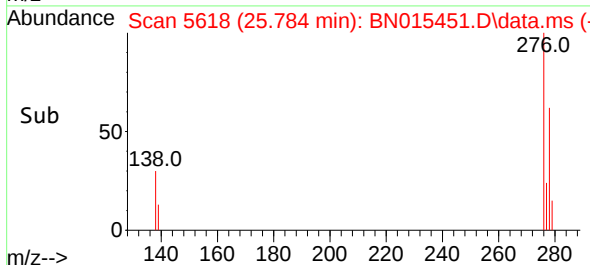
Tgt Ion: 276 Resp: 10215
Ion Ratio Lower Upper
276 100
138 30.3 26.3 39.5
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 25.784 min Scan# 5618
Delta R.T. -0.006 min
Lab File: BN015451.D
Acq: 09 Jul 2021 18:12



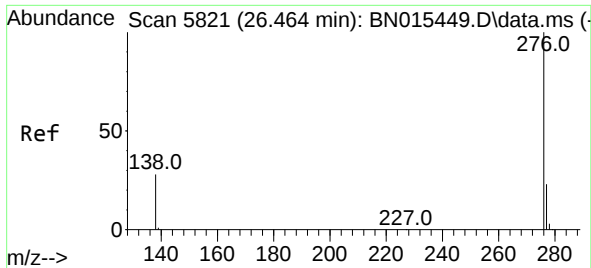
Tgt Ion: 278 Resp: 5650
Ion Ratio Lower Upper
278 100
139 31.6 18.9 28.3#
279 32.3 20.8 31.2#



Instrument :
BNA_N
ClientSampleId :
BGDW3

Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:00 AM



#29

Benzo(g,h,i)perylene

Concen: 0.079 ng/ul

RT: 26.458 min Scan# 5819

Delta R.T. -0.006 min

Lab File: BN015451.D

Acq: 09 Jul 2021 18:12

Tgt Ion:	276	Resp:	2732
Ion Ratio	Lower	Upper	
276	100		
138	42.4	23.0	34.4#
277	36.5	19.3	28.9#

Instrument :

BNA_N

ClientSampleId :

BGDW3

Manual Integrations

APPROVED

mohammad

7/12/2021 9:33:00 AM

