

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015468.D
 Acq On : 10 Jul 2021 05:03
 Operator : CG/JU
 Sample : M2808-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDQ3

Manual Integrations
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 7/12/2021 9:33:49 AM

Quant Time: Jul 10 06:05:46 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	3703	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	13021	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	6891	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.081	188	13836	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	10610	0.400	ng/ul	0.00
23) Perylene-d12	23.517	264	10428	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	7782	1.864	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	3732	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	7999	0.229	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	27108	0.653	ng/ul	99
7) 2-Methylnaphthalene	12.146	142	3796	0.140	ng/ul	100
8) 1-Methylnaphthalene	12.366	142	2541	0.097	ng/ul	99
10) Acenaphthylene	14.053	152	55276	1.552	ng/ul	100
11) Acenaphthene	14.400	153	24656	0.903	ng/ul	99
12) Fluorene	15.390	166	35310	1.170	ng/ul	100
15) Phenanthrene	17.124	178	563471	11.221	ng/ul	100
16) Anthracene	17.217	178	208251	4.704	ng/ul	99
19) Fluoranthene	19.150	202	1119013	22.824	ng/ul	100
20) Pyrene	19.513	202	840053	17.084	ng/ul	99
21) Benzo(a)anthracene	21.267	228	534187	13.591	ng/ul	96
22) Chrysene	21.316	228	443643	9.429	ng/ul	98
24) Benzo(b)fluoranthene	22.853	252	473047m	9.710	ng/ul	
25) Benzo(k)fluoranthene	22.889	252	204430m	3.718	ng/ul	
26) Benzo(a)pyrene	23.424	252	332826	8.134	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.767	276	188028	3.805	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.773	278	63570	1.641	ng/ul	95
29) Benzo(g,h,i)perylene	26.454	276	22504	0.491	ng/ul#	91

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

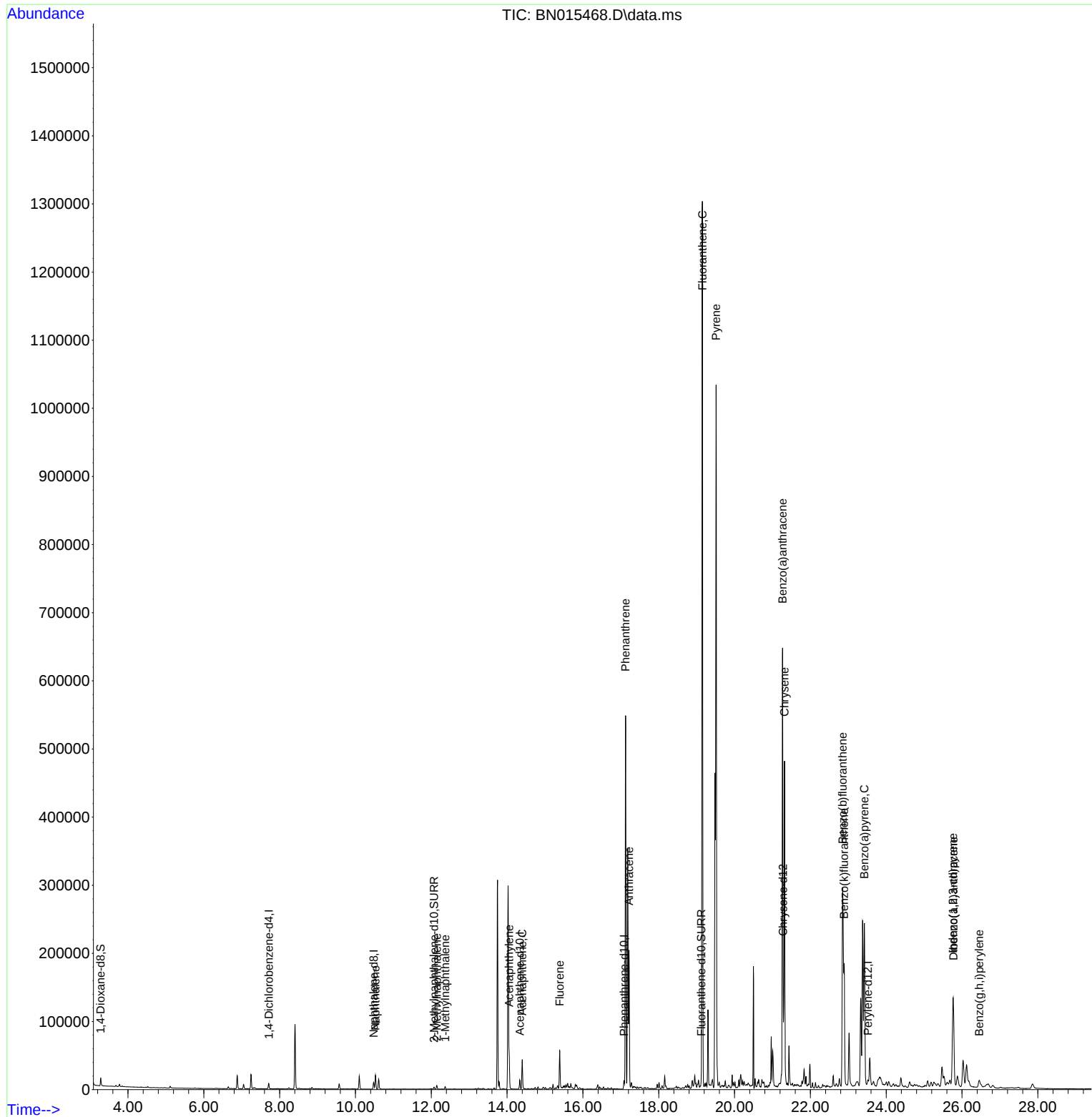
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015468.D
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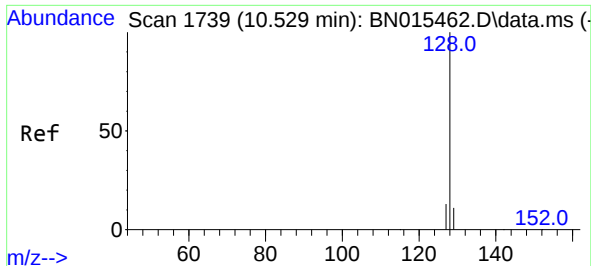
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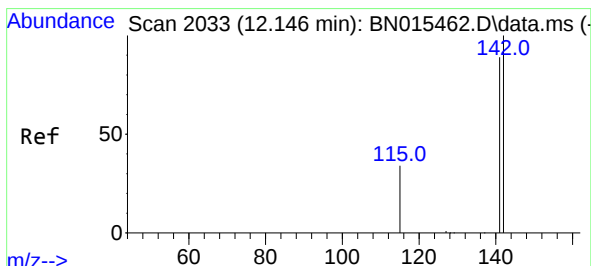
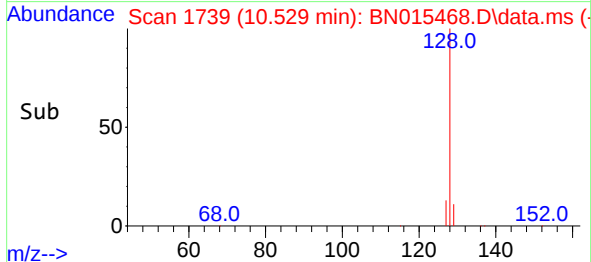
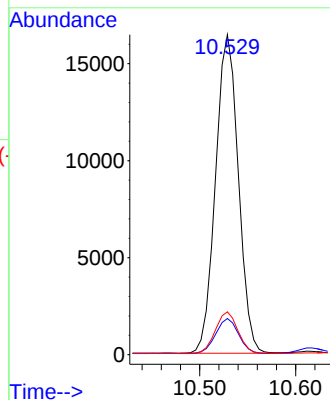
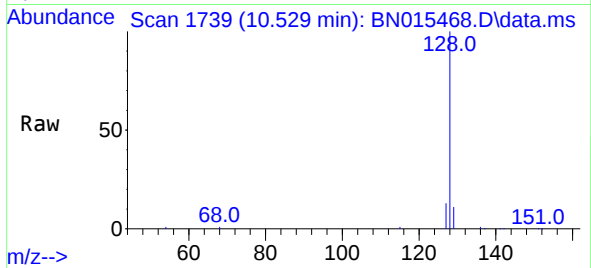
#5
Naphthalene
Concen: 0.653 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03

Tgt Ion:	128	Resp:	27108
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.3	13.9
127	13.4	10.8	16.2

Instrument :
BNA_N
ClientSampled :
BGDQ3

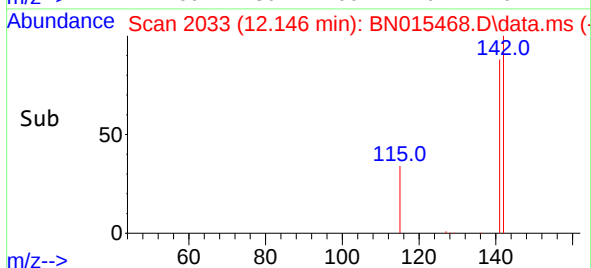
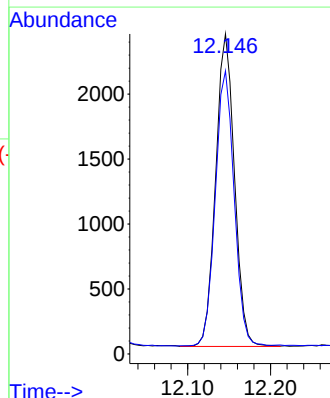
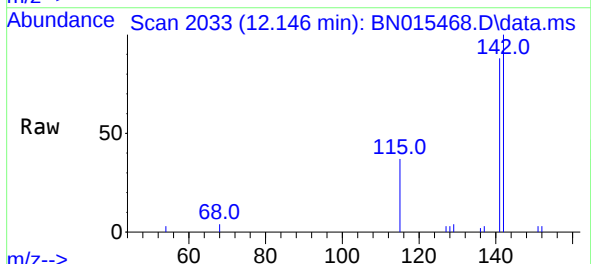
Manual Integrations
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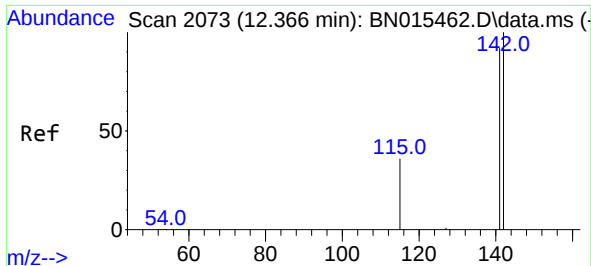
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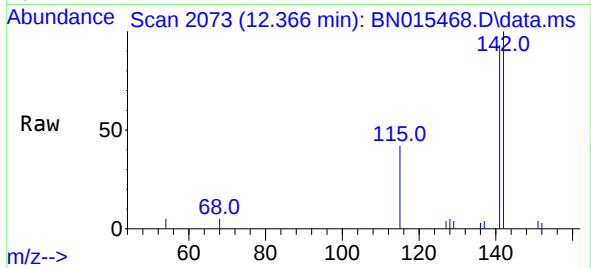
#7
2-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03

Tgt Ion:	142	Resp:	3796
Ion Ratio	Lower	Upper	
142	100		
141	88.2	70.3	105.5

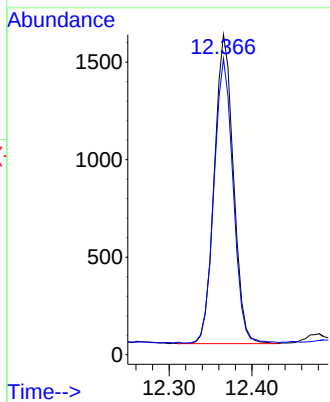
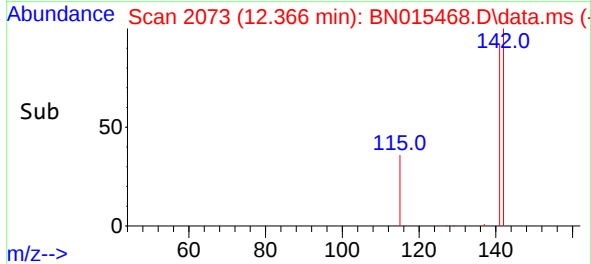




#8
1-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03



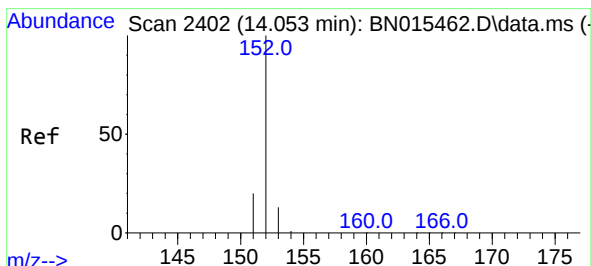
Tgt Ion:142 Resp: 2541
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4



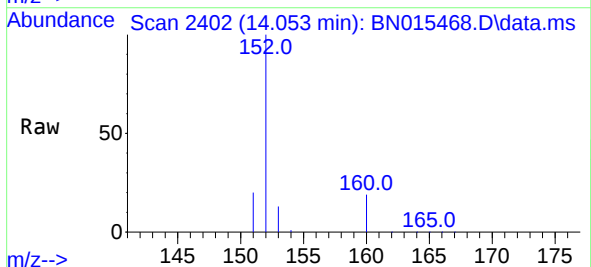
Instrument :
BNA_N
ClientSampled :
BGDQ3

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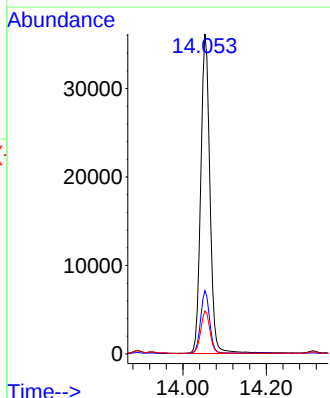
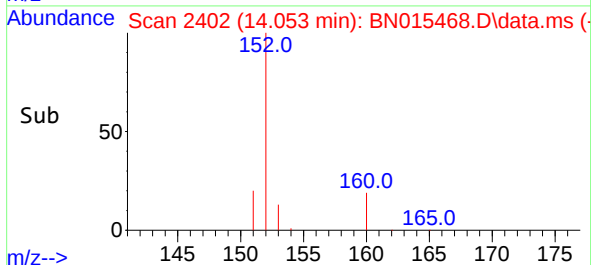
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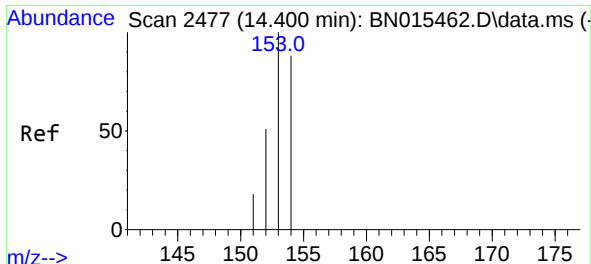


#10
Acenaphthylene
Concen: 1.552 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03



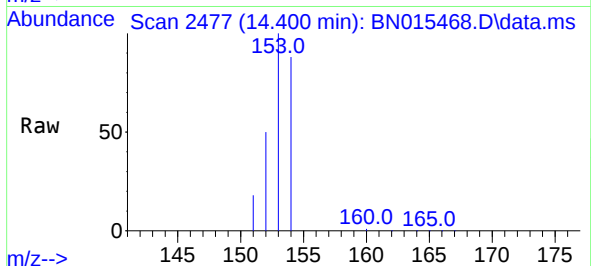
Tgt Ion:152 Resp: 55276
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.4 10.9 16.3



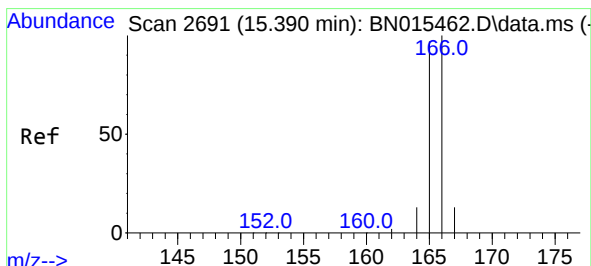
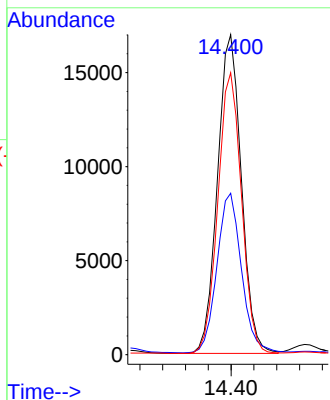
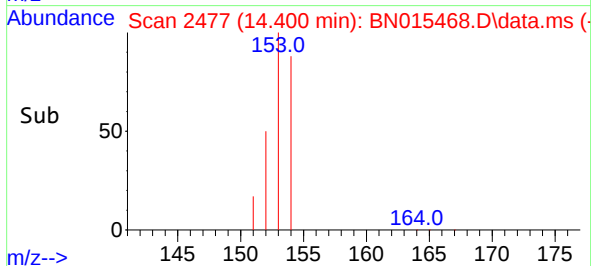


#11
Acenaphthene
Concen: 0.903 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03

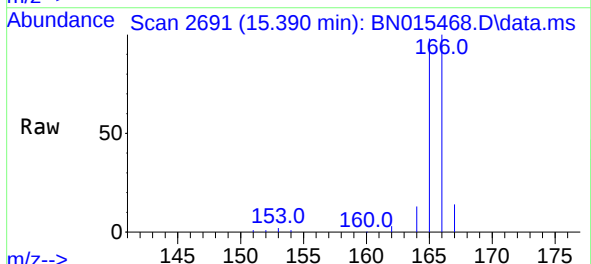
Instrument :
BNA_N
ClientSampled :
BGDQ3



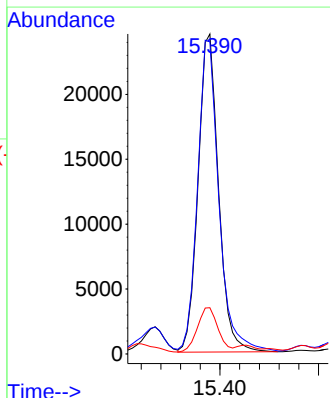
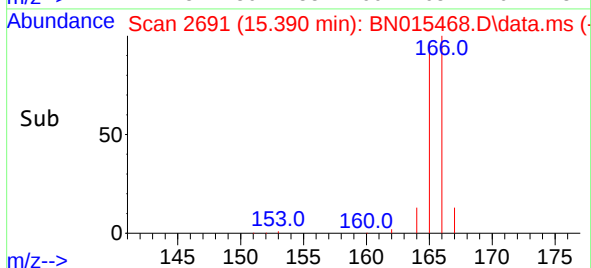
Tgt Ion:153 Resp: 24656
Ion Ratio Lower Upper
153 100
152 50.5 39.8 59.6
154 88.1 69.8 104.8

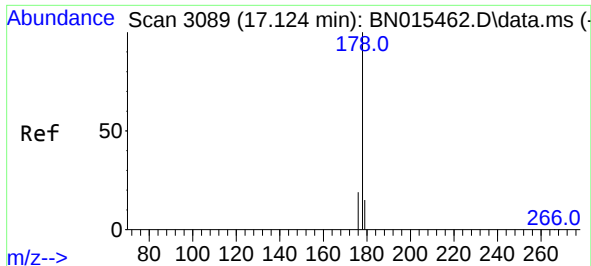


#12
Fluorene
Concen: 1.170 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03



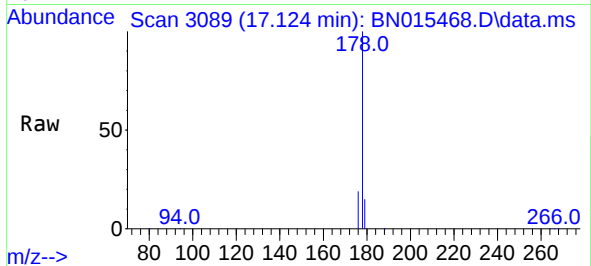
Tgt Ion:166 Resp: 35310
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.8
167 14.4 11.2 16.8





#15
Phenanthrene
Concen: 11.221 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03

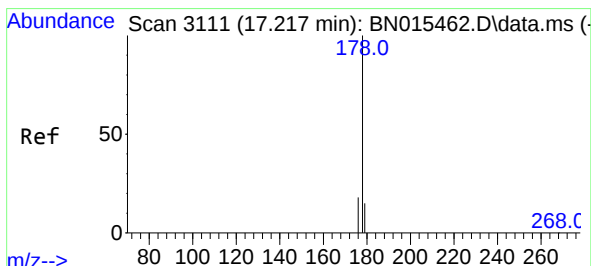
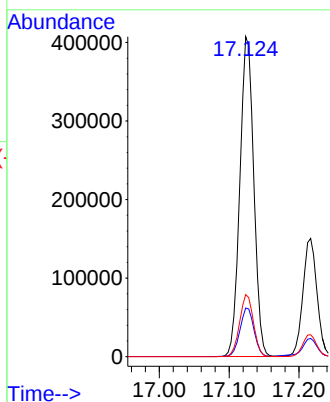
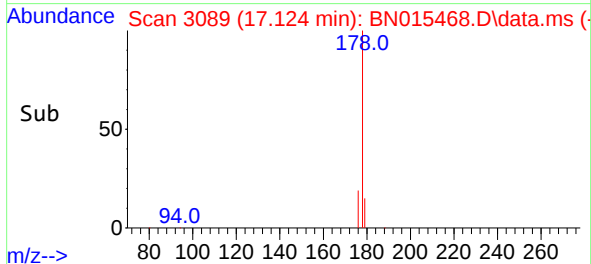
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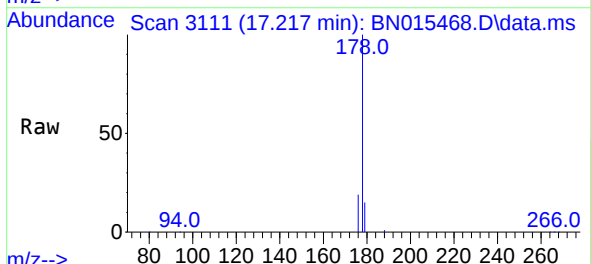
Tgt Ion:178 Resp: 563471
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.4 15.5 23.3

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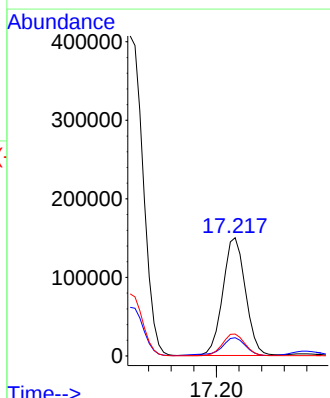
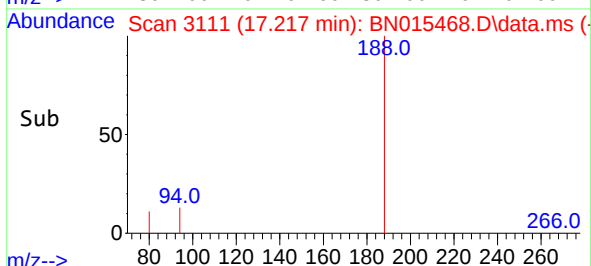
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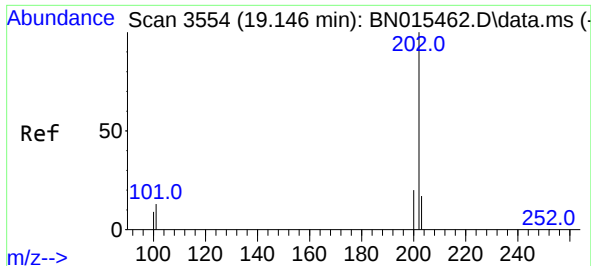


#16
Anthracene
Concen: 4.704 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03

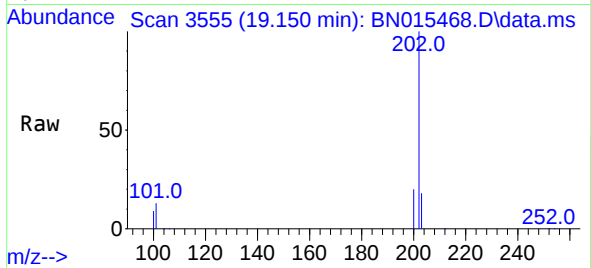


Tgt Ion:178 Resp: 208251
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 18.6 15.2 22.8

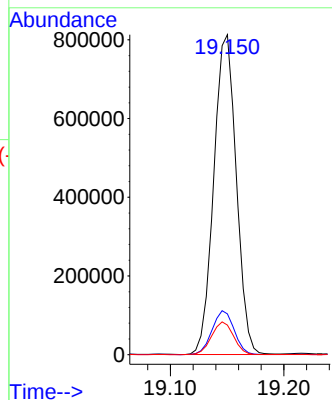




#19
Fluoranthene
Concen: 22.824 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03



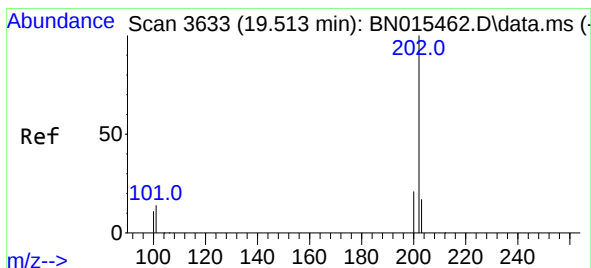
Tgt Ion:202 Resp: 1119013
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.3 7.4 11.0



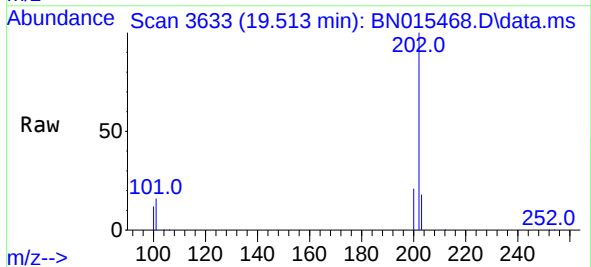
Instrument :
BNA_N
ClientSampled :
BGDQ3

Manual Integrations
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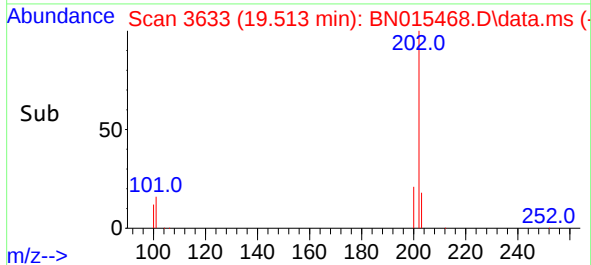
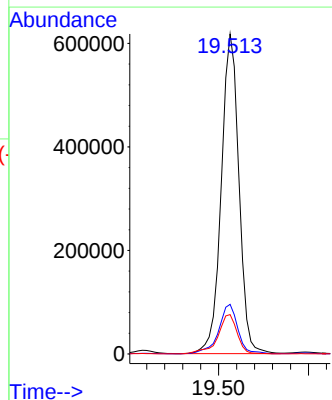
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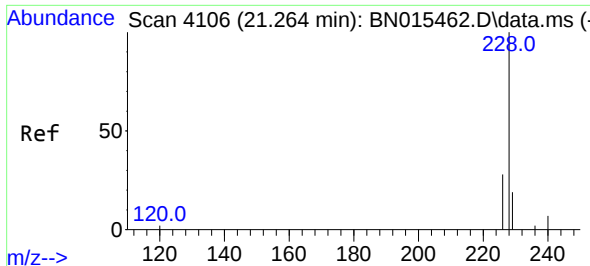


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Pyrene
Concen: 17.084 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03

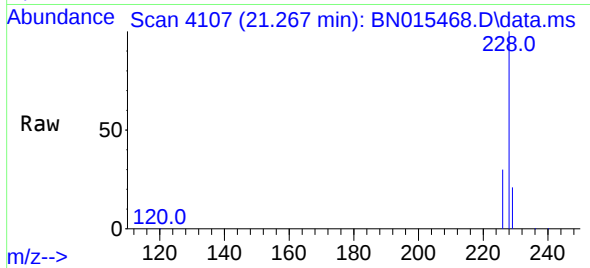


Tgt Ion:202 Resp: 840053
Ion Ratio Lower Upper
202 100
101 15.5 12.0 18.0
100 12.3 9.6 14.4

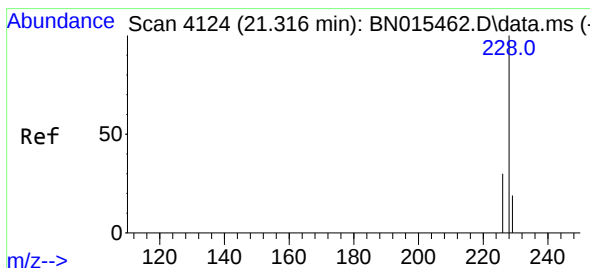
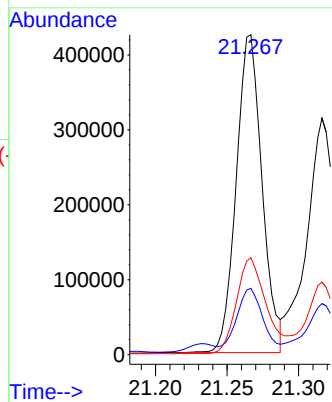
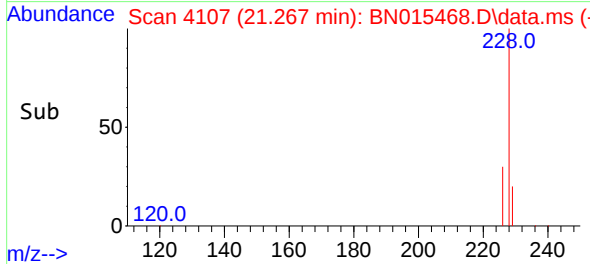




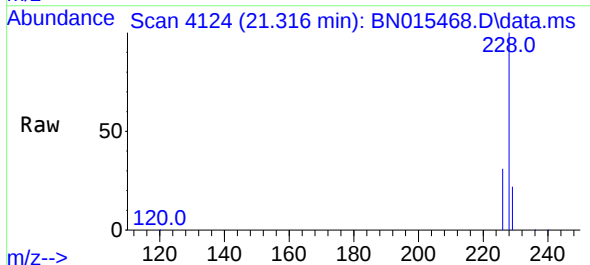
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Benzo(a)anthracene
Concen: 13.591 ng/ul
RT: 21.267 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03



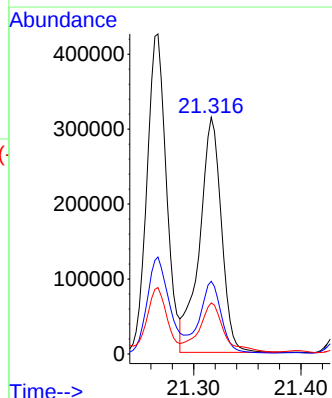
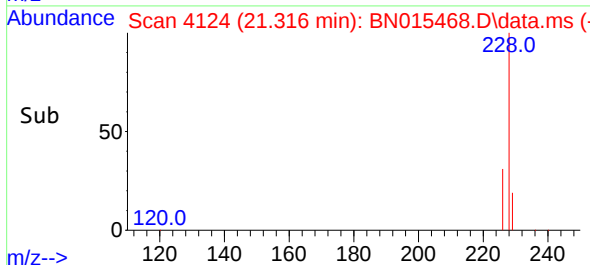
Tgt Ion:228 Resp: 534187
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 30.3 21.8 32.8



#22
Chrysene
Concen: 9.429 ng/ul
RT: 21.316 min Scan# 4124
Delta R.T. -0.005 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03



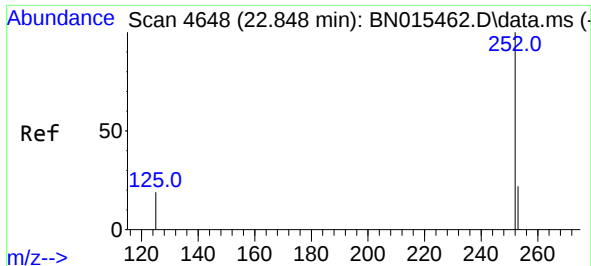
Tgt Ion:228 Resp: 443643
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 21.6 15.7 23.5



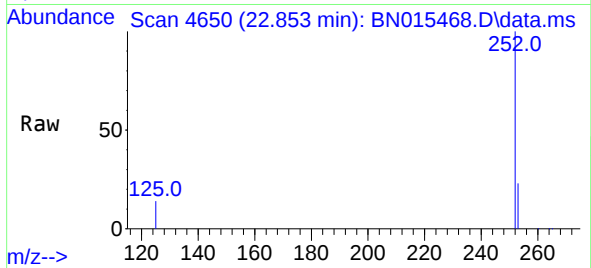
Instrument :
BNA_N
ClientSampled :
BGDQ3

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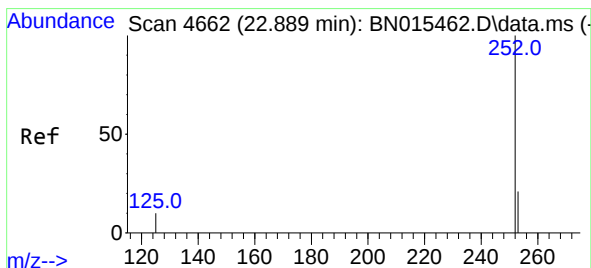
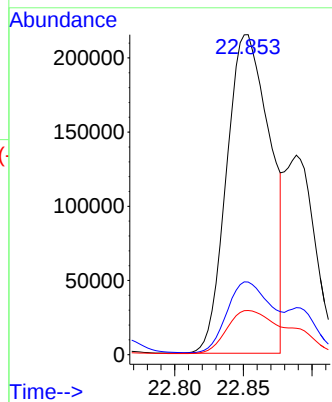
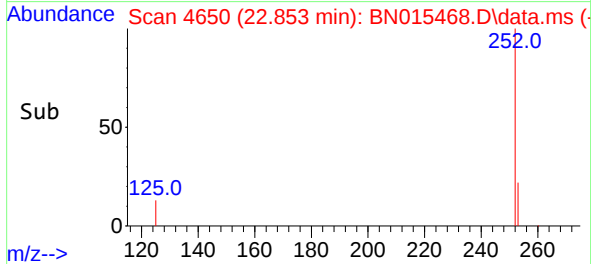
mohammad
7/12/2021 9:33:49 AM



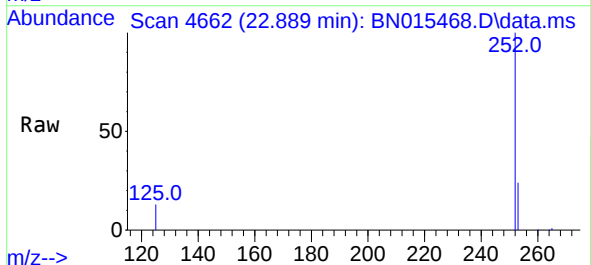
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Benzo(b)fluoranthene
Concen: 9.710 ng/ul m
RT: 22.853 min Scan# 4650
Delta R.T. -0.003 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03



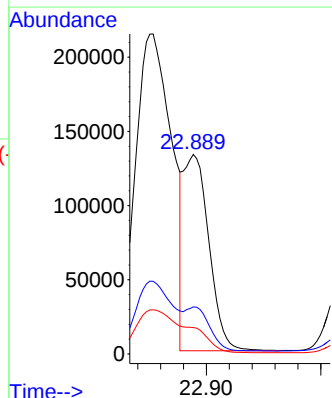
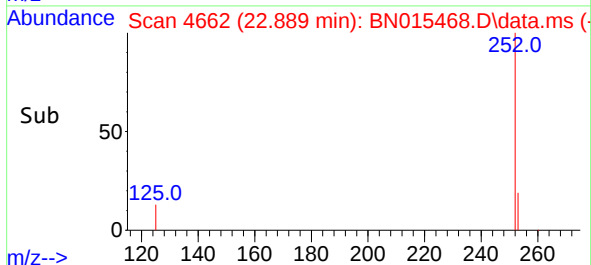
Tgt Ion:252 Resp: 473047
Ion Ratio Lower Upper
252 100
253 22.7 0.0 45.6
125 13.8 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 3.718 ng/ul m
RT: 22.889 min Scan# 4662
Delta R.T. -0.011 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03



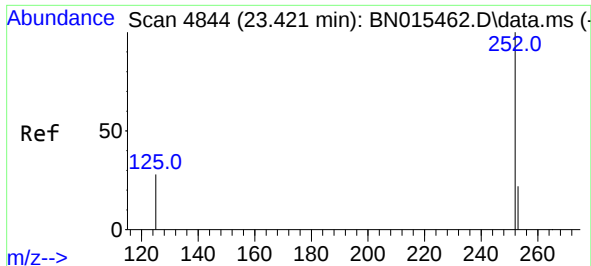
Tgt Ion:252 Resp: 204430
Ion Ratio Lower Upper
252 100
253 23.6 18.1 27.1
125 13.3 11.5 17.3



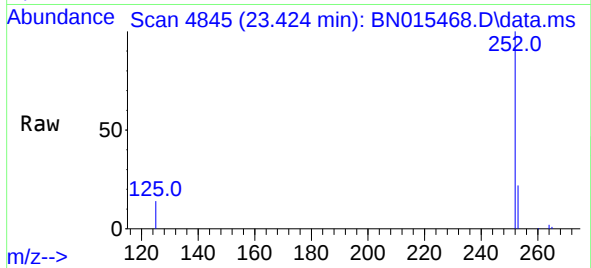
Instrument :
BNA_N
ClientSampleId :
BGDQ3

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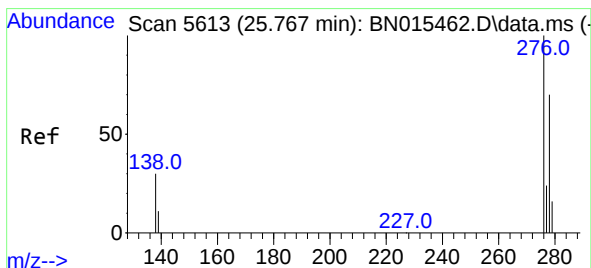
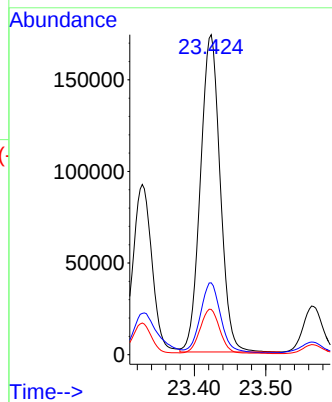
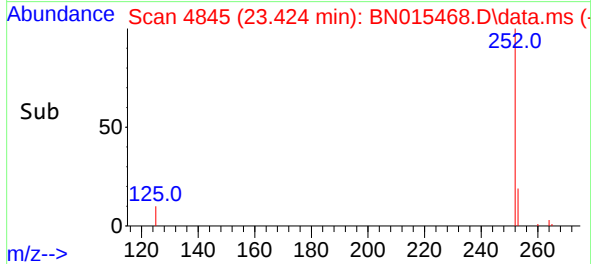
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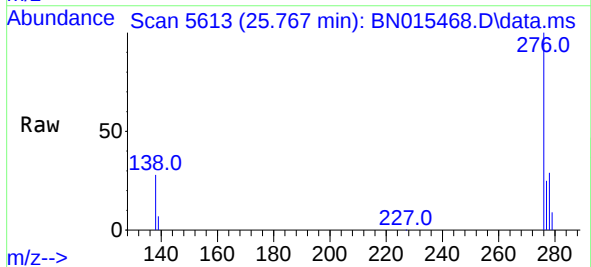
#26
Benzo(a)pyrene
Concen: 8.134 ng/ul
RT: 23.424 min Scan# 4845
Delta R.T. -0.005 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03



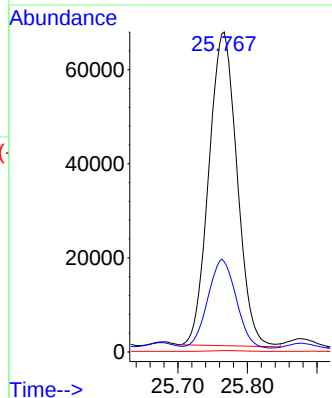
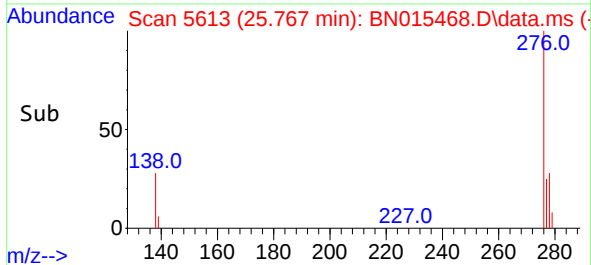
Tgt Ion:252 Resp: 332826
Ion Ratio Lower Upper
252 100
253 22.4 18.9 28.3
125 14.1 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.805 ng/ul
RT: 25.767 min Scan# 5613
Delta R.T. -0.010 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03



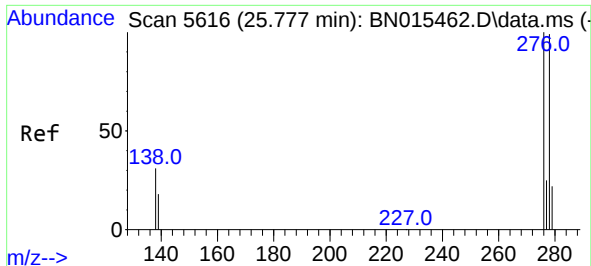
Tgt Ion:276 Resp: 188028
Ion Ratio Lower Upper
276 100
138 28.6 26.3 39.5
227 0.3 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGDQ3

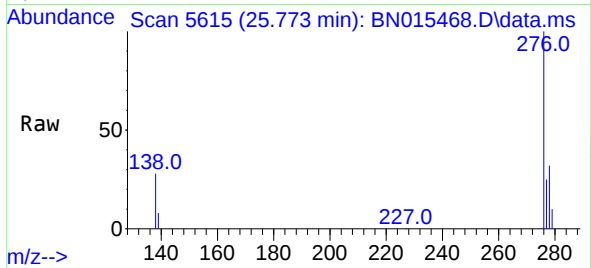
Manual Integrations
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#28
Dibenzo(a,h)anthracene
Concen: 1.641 ng/ul
RT: 25.773 min Scan# 5615
Delta R.T. -0.016 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03

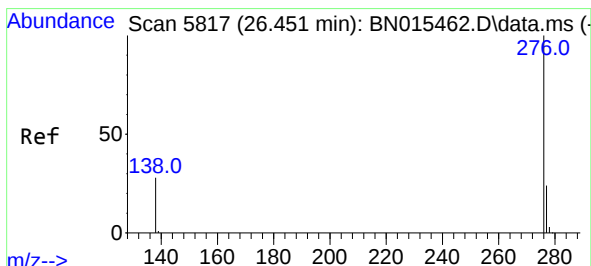
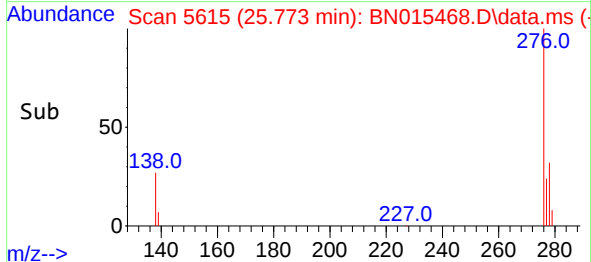
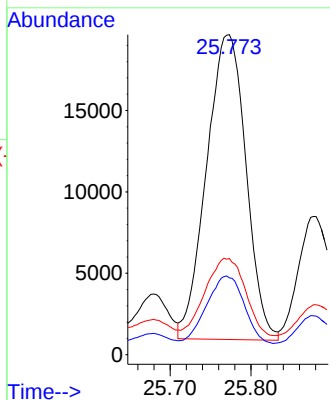
Instrument :
BNA_N
ClientSampled :
BGDQ3



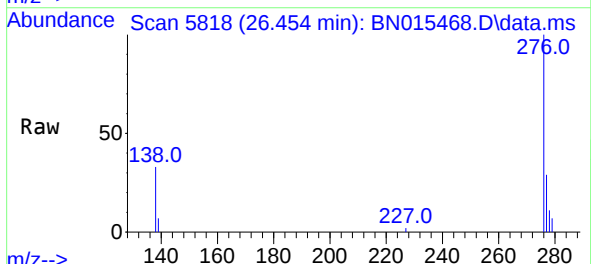
Tgt Ion:278 Resp: 63570
Ion Ratio Lower Upper
278 100
139 24.0 18.9 28.3
279 30.0 20.8 31.2

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.491 ng/ul
RT: 26.454 min Scan# 5818
Delta R.T. -0.010 min
Lab File: BN015468.D
Acq: 10 Jul 2021 05:03



Tgt Ion:276 Resp: 22504
Ion Ratio Lower Upper
276 100
138 32.5 23.0 34.4
277 29.2 19.3 28.9#

