

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015470.D
 Acq On : 10 Jul 2021 06:15
 Operator : CG/JU
 Sample : M2808-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD8

Manual Integrations
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mohammad
 7/12/2021 9:33:55 AM

Quant Time: Jul 10 06:46:14 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	3141	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	11075	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	5814	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.081	188	11731	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	9665	0.400	ng/ul	0.00
23) Perylene-d12	23.514	264	9037	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	8433	2.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	3611	0.208	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	7883	0.248	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	1336	0.038	ng/ul#	87
10) Acenaphthylene	14.053	152	2188	0.073	ng/ul#	93
11) Acenaphthene	14.400	153	1688	0.073	ng/ul	97
12) Fluorene	15.390	166	2826	0.111	ng/ul	97
15) Phenanthrene	17.124	178	49802	1.170	ng/ul	100
16) Anthracene	17.217	178	11808	0.315	ng/ul	100
19) Fluoranthene	19.146	202	97034	2.173	ng/ul	98
20) Pyrene	19.513	202	73776	1.647	ng/ul	100
21) Benzo(a)anthracene	21.264	228	39469	1.102	ng/ul	96
22) Chrysene	21.316	228	35961	0.839	ng/ul	98
24) Benzo(b)fluoranthene	22.851	252	42932m	1.017	ng/ul	
25) Benzo(k)fluoranthene	22.886	252	15462m	0.324	ng/ul	
26) Benzo(a)pyrene	23.418	252	25025	0.706	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.757	276	15986	0.373	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.763	278	4550	0.136	ng/ul#	83
29) Benzo(g,h,i)perylene	26.447	276	2126	0.054	ng/ul#	75

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

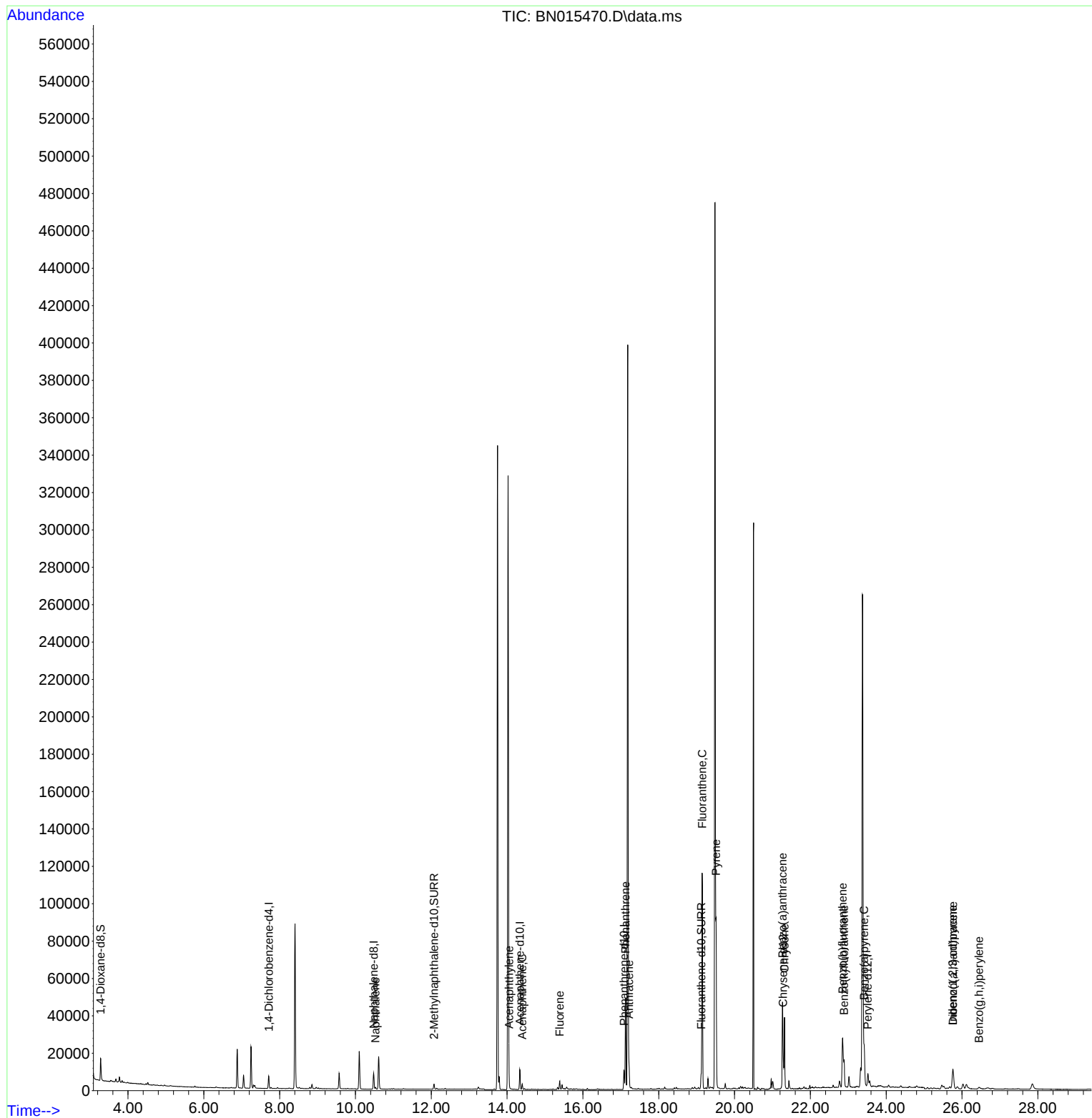
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015470.D
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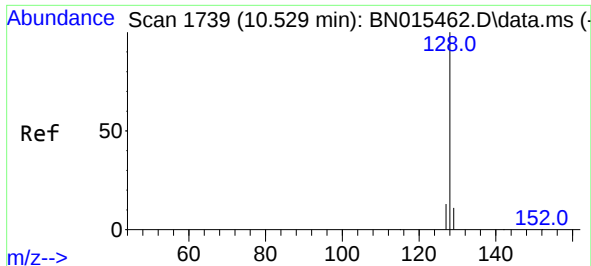
Instrument :
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ClientSampleId :
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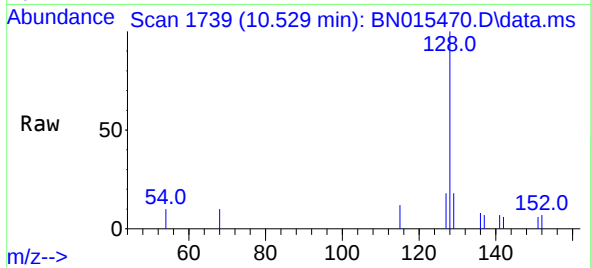
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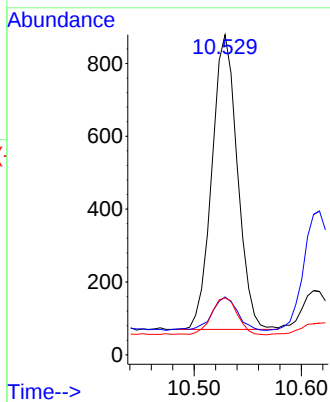
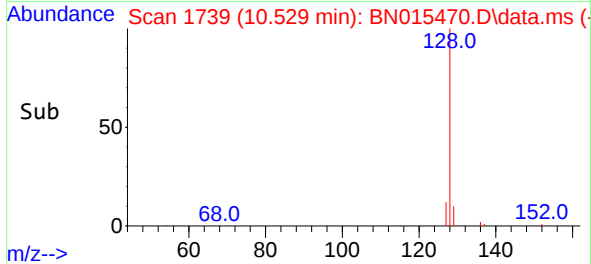




#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15



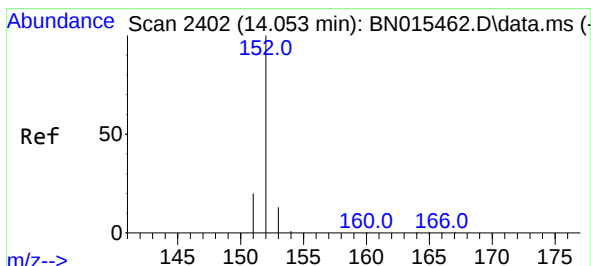
Tgt Ion:128 Resp: 1336
Ion Ratio Lower Upper
128 100
129 18.1 9.3 13.9#
127 17.7 10.8 16.2#



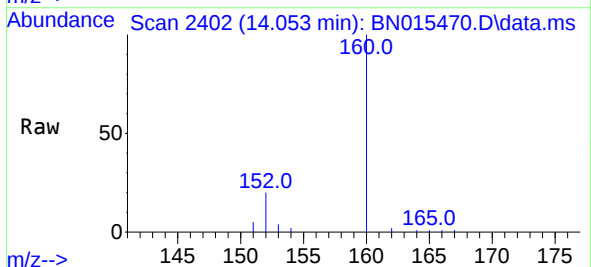
Instrument :
BNA_N
ClientSampled :
BGDP8

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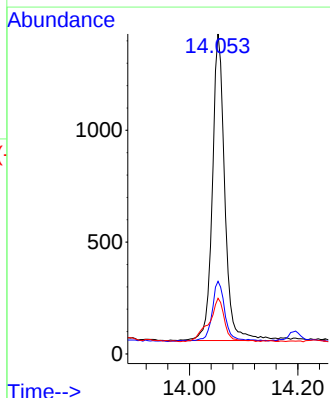
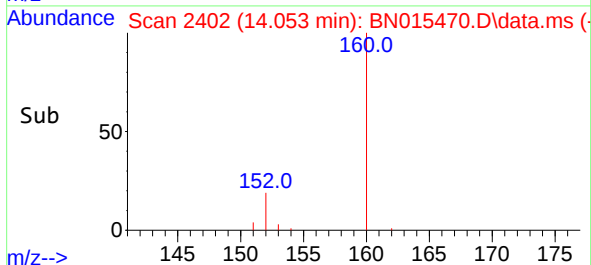
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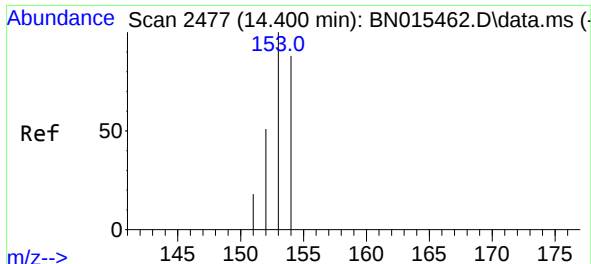


#10
Acenaphthylene
Concen: 0.073 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15

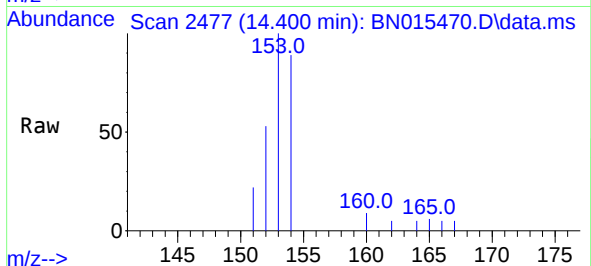


Tgt Ion:152 Resp: 2188
Ion Ratio Lower Upper
152 100
151 22.7 16.0 24.0
153 17.4 10.9 16.3#

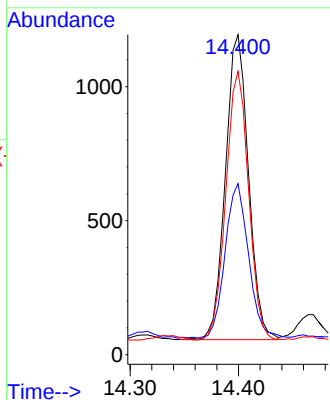
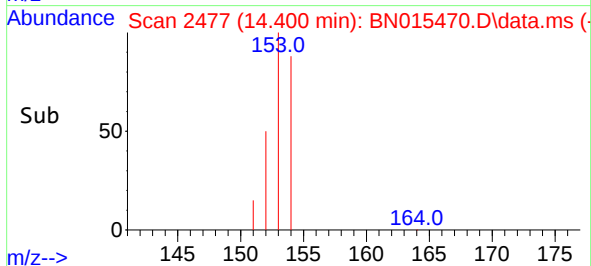




#11
Acenaphthene
Concen: 0.073 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15



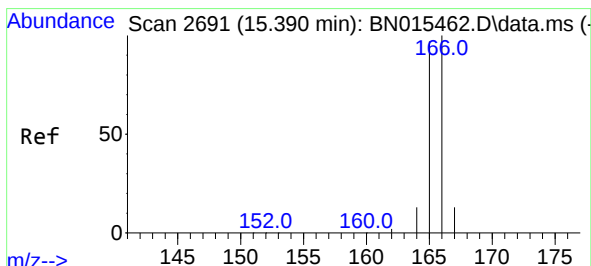
Tgt Ion:153 Resp: 1688
Ion Ratio Lower Upper
153 100
152 53.4 39.8 59.6
154 88.5 69.8 104.8



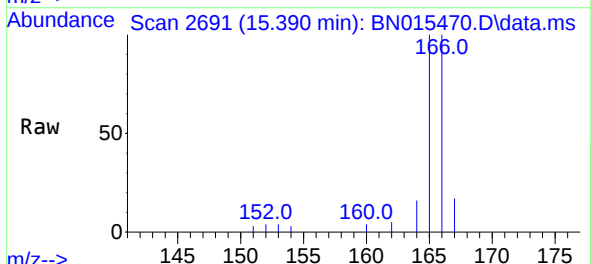
Instrument :
BNA_N
ClientSampled :
BGDP8

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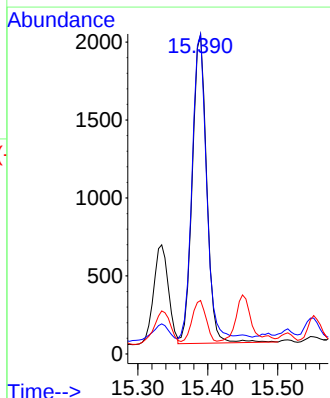
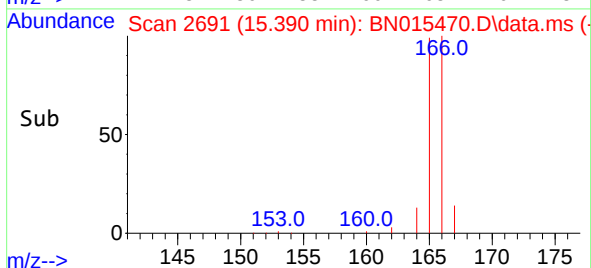
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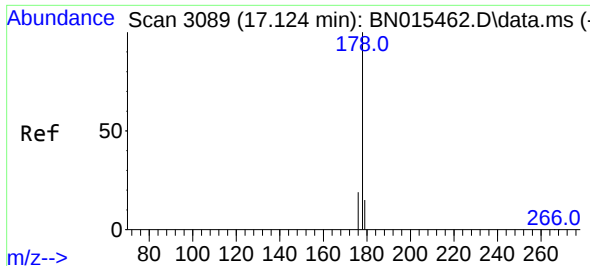


#12
Fluorene
Concen: 0.111 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15



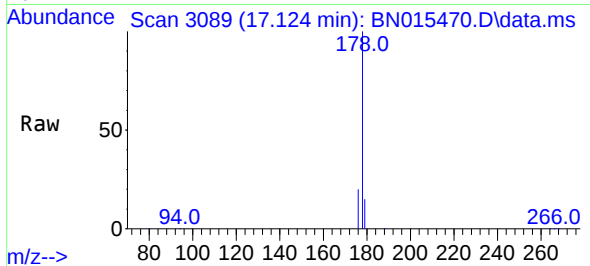
Tgt Ion:166 Resp: 2826
Ion Ratio Lower Upper
166 100
165 100.2 77.8 116.8
167 16.7 11.2 16.8





#15
Phenanthrene
Concen: 1.170 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15

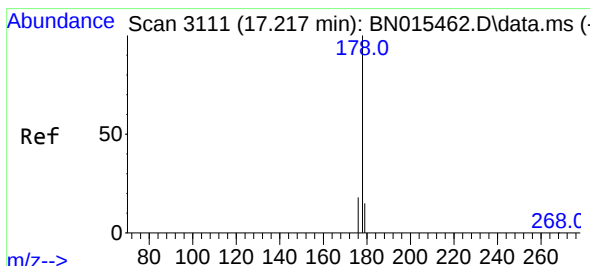
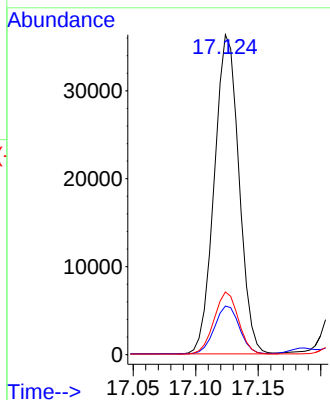
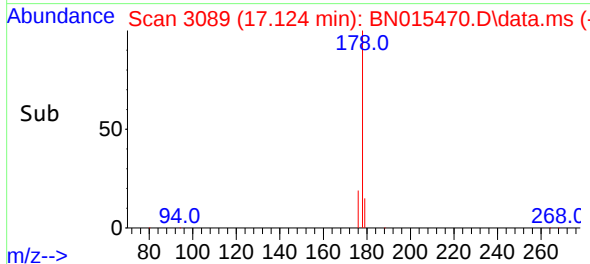
Instrument :
BNA_N
ClientSampled :
BGDP8



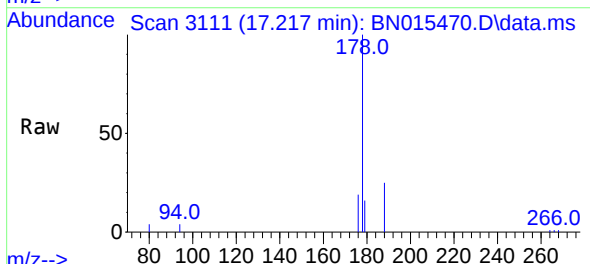
Tgt Ion:178 Resp: 49802
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.6 15.5 23.3

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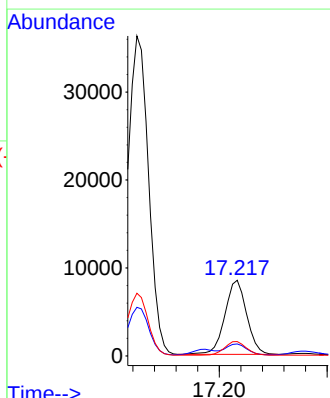
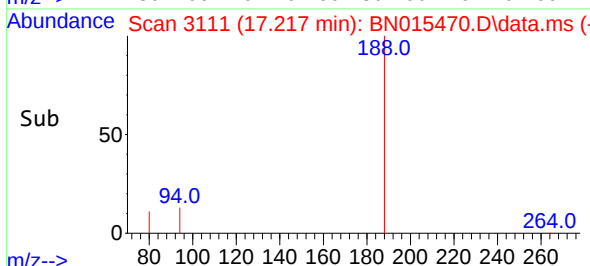
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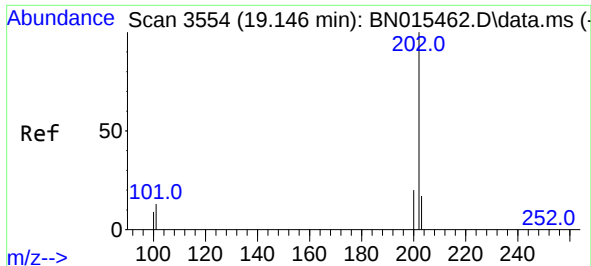


#16
Anthracene
Concen: 0.315 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15

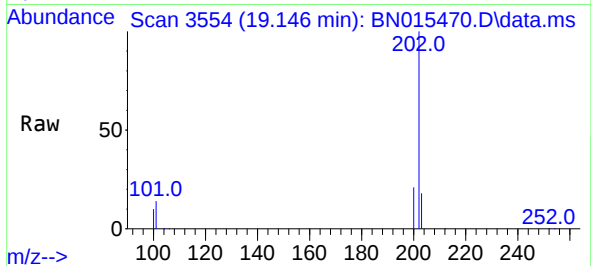


Tgt Ion:178 Resp: 11808
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.1 15.2 22.8

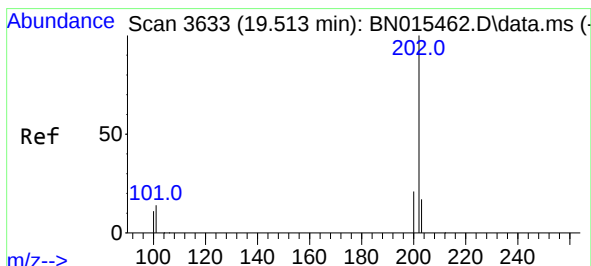
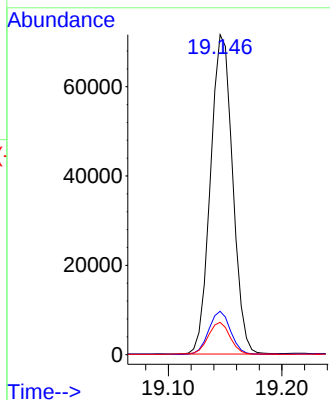
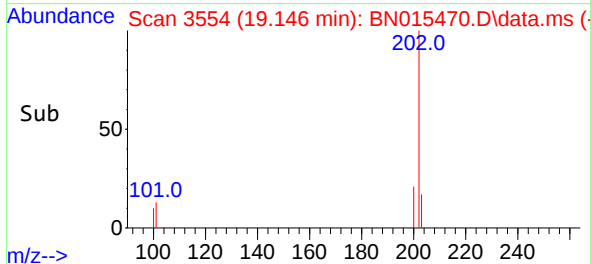




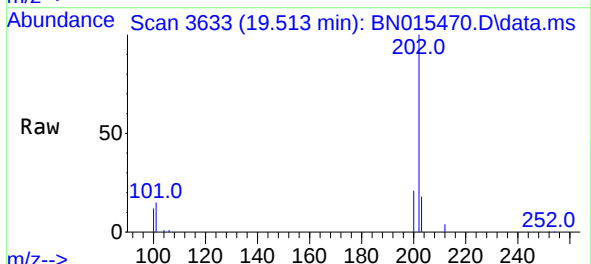
#19
Fluoranthene
Concen: 2.173 ng/u1
RT: 19.146 min Scan# 3554
Delta R.T. -0.004 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15



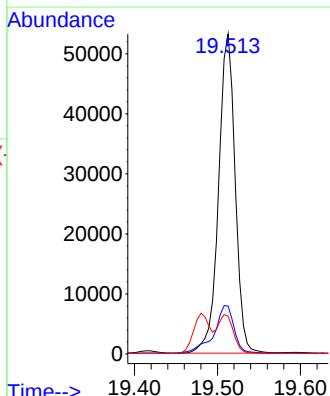
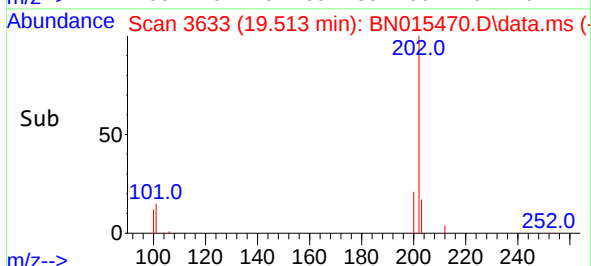
Tgt Ion:202 Resp: 97034
Ion Ratio Lower Upper
202 100
101 13.6 10.1 15.1
100 10.1 7.4 11.0



#20
Pyrene
Concen: 1.647 ng/u1
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15



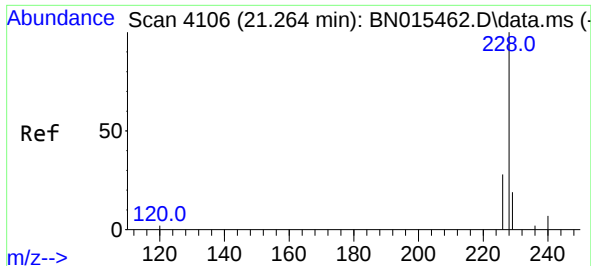
Tgt Ion:202 Resp: 73776
Ion Ratio Lower Upper
202 100
101 14.9 12.0 18.0
100 11.8 9.6 14.4



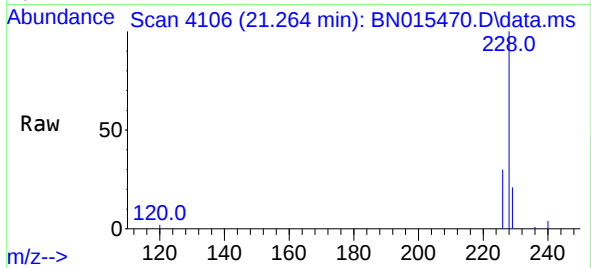
Instrument :
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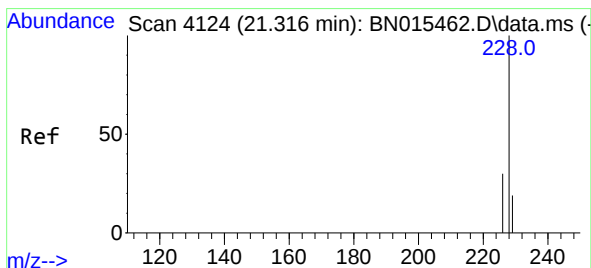
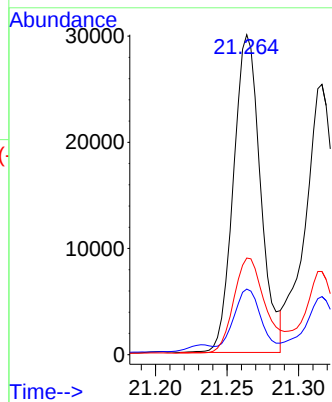
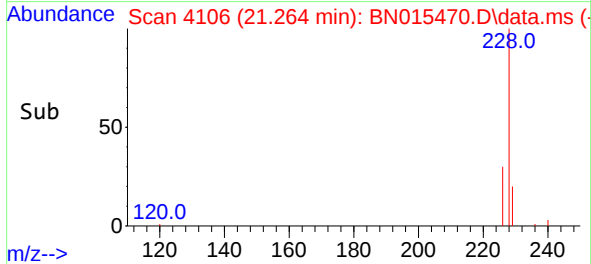
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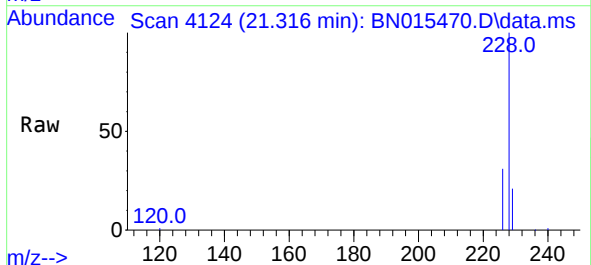
#21
Benzo(a)anthracene
Concen: 1.102 ng/ul
RT: 21.264 min Scan# 4106
Delta R.T. -0.008 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15



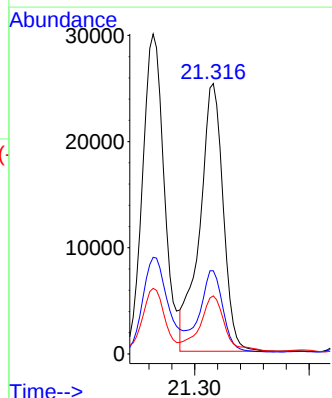
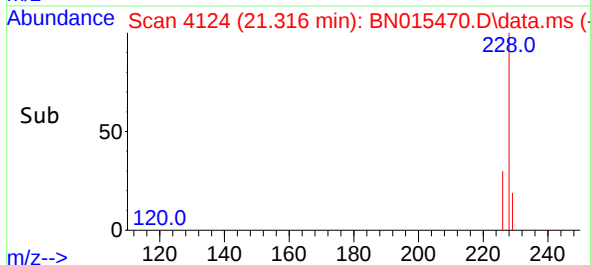
Tgt Ion:228 Resp: 39469
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.8
226 30.2 21.8 32.8



#22
Chrysene
Concen: 0.839 ng/ul
RT: 21.316 min Scan# 4124
Delta R.T. -0.005 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15



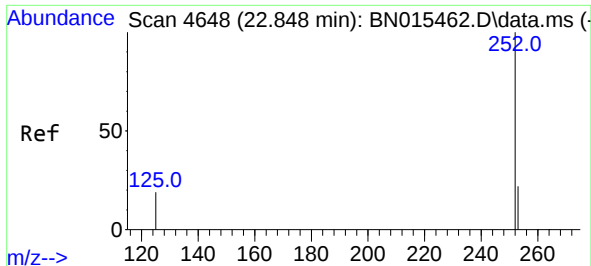
Tgt Ion:228 Resp: 35961
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.5 15.7 23.5



Instrument :
BNA_N
ClientSampled :
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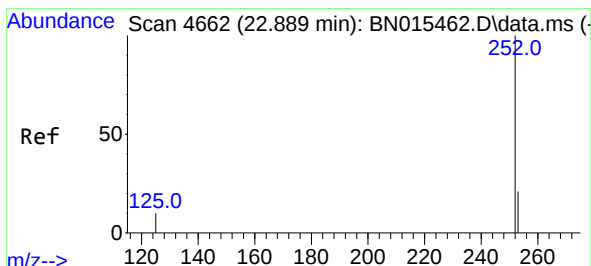
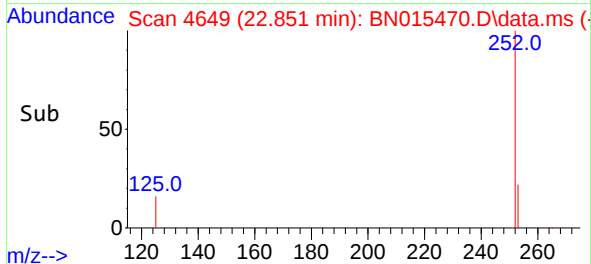
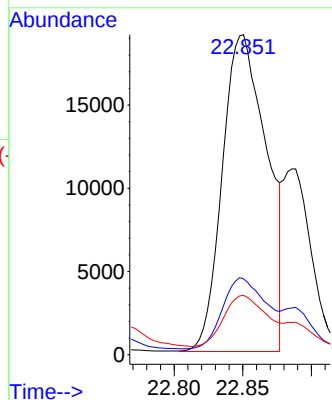
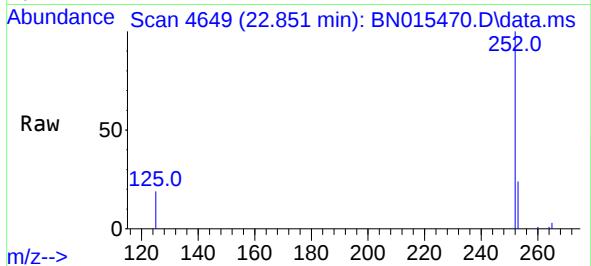
#24
Benzo(b)fluoranthene
Concen: 1.017 ng/ul m
RT: 22.851 min Scan# 4649
Delta R.T. -0.005 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15

Tgt Ion:	252	Resp:	42932
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	45.6
125	18.6	0.0	28.4

Instrument :
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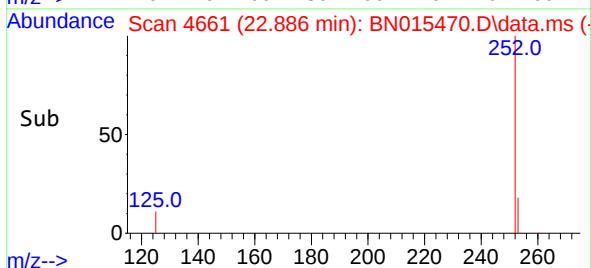
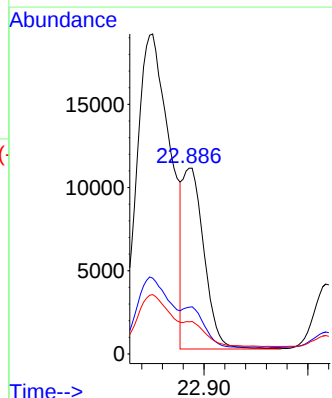
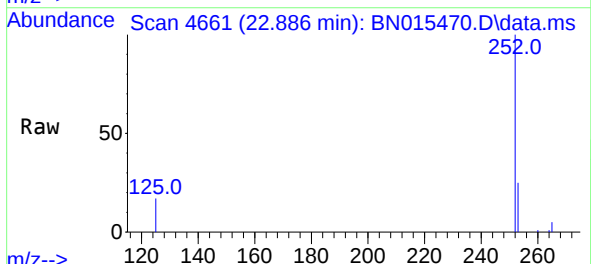
Manual Integrations
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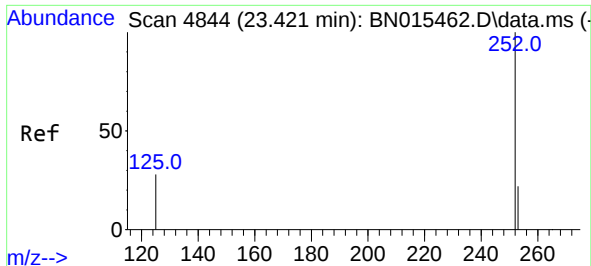
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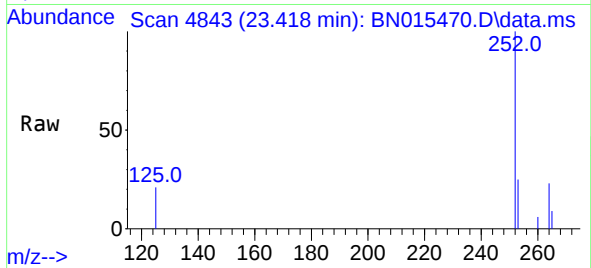
#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul m
RT: 22.886 min Scan# 4661
Delta R.T. -0.014 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15

Tgt Ion:	252	Resp:	15462
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.1	27.1
125	17.3	11.5	17.3#

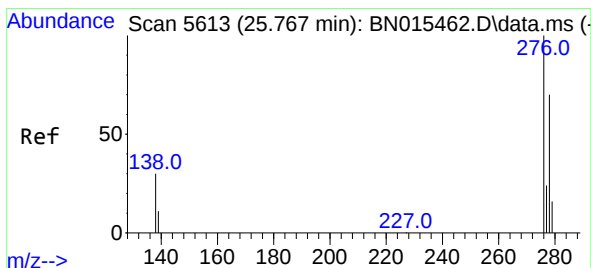
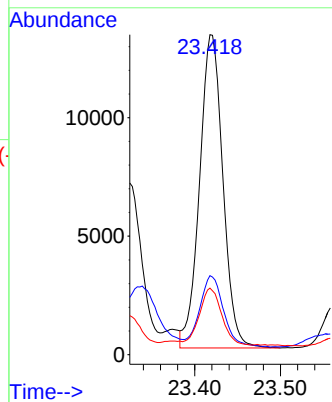
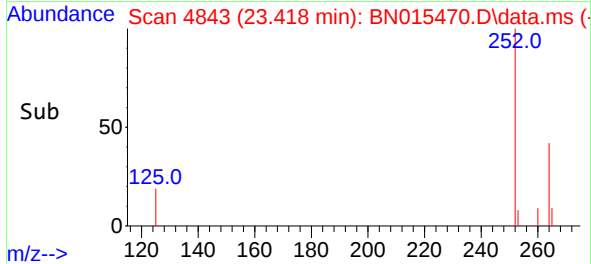




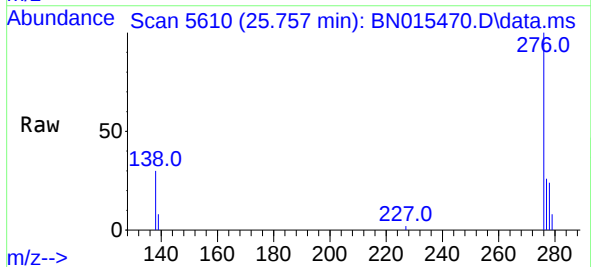
#26
Benzo(a)pyrene
Concen: 0.706 ng/ul
RT: 23.418 min Scan# 4843
Delta R.T. -0.011 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15



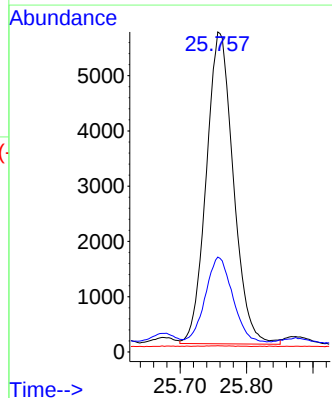
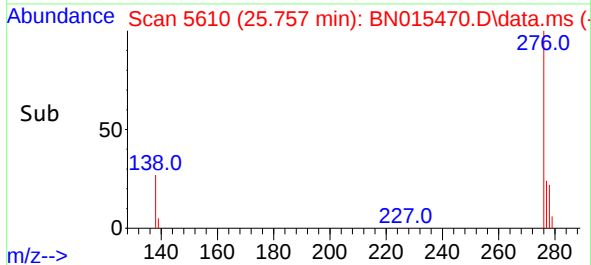
Tgt Ion:252 Resp: 25025
Ion Ratio Lower Upper
252 100
253 24.7 18.9 28.3
125 20.8 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 25.757 min Scan# 5610
Delta R.T. -0.020 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15



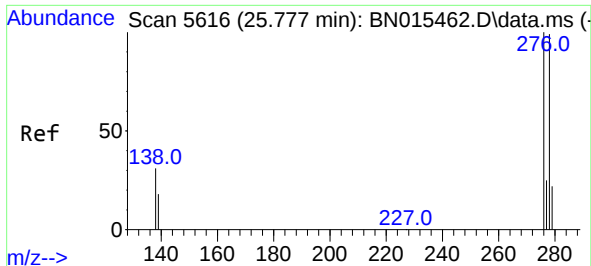
Tgt Ion:276 Resp: 15986
Ion Ratio Lower Upper
276 100
138 27.9 26.3 39.5
227 0.3 0.1 0.1#



Instrument :
BNA_N
ClientSampled :
BGDP8

Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:55 AM



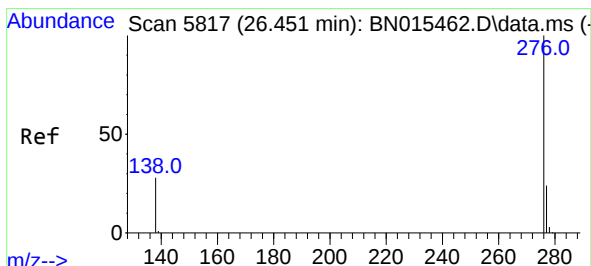
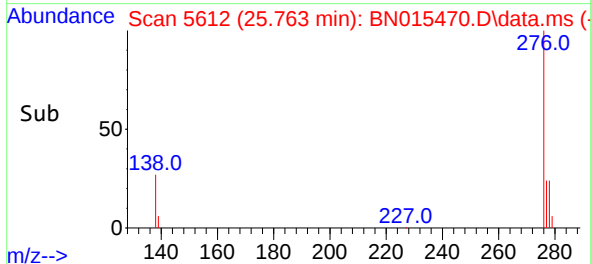
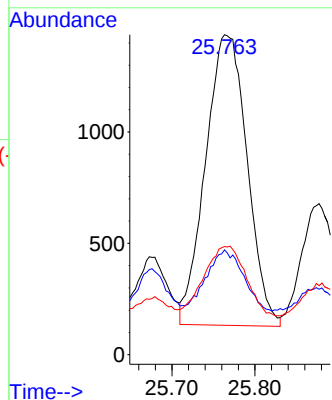
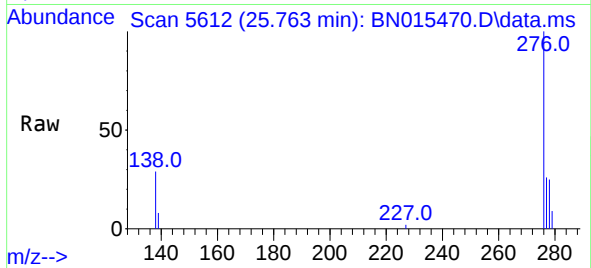
#28
Dibenzo(a,h)anthracene
Concen: 0.136 ng/ul
RT: 25.763 min Scan# 5612
Delta R.T. -0.026 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15

Tgt Ion: 278 Resp: 4550
Ion Ratio Lower Upper
278 100
139 32.8 18.9 28.3#
279 33.8 20.8 31.2#

Instrument :
BNA_N
ClientSampled :
BGDP8

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.054 ng/ul
RT: 26.447 min Scan# 5816
Delta R.T. -0.016 min
Lab File: BN015470.D
Acq: 10 Jul 2021 06:15

Tgt Ion: 276 Resp: 2126
Ion Ratio Lower Upper
276 100
138 42.8 23.0 34.4#
277 35.1 19.3 28.9#

