

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015490.D
 Acq On : 12 Jul 2021 15:18
 Operator : CG/JU
 Sample : M2808-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS2DL

Manual Integrations
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Quant Time: Jul 12 15:47:31 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 : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	3270	0.400	ng/ul	0.00
4) Naphthalene-d8	10.601	136	11492	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	6358	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	12267	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	9417	0.400	ng/ul	0.00
23) Perylene-d12	23.748	264	10120	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2005	0.544	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	732	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	1942	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.650	128	18556	0.506	ng/ul	100
7) 2-Methylnaphthalene	12.267	142	2644	0.110	ng/ul	100
8) 1-Methylnaphthalene	12.481	142	3527	0.152	ng/ul	99
10) Acenaphthylene	14.164	152	86767	2.640	ng/ul	99
11) Acenaphthene	14.506	153	51717	2.053	ng/ul	99
12) Fluorene	15.496	166	93994	3.377	ng/ul	99
15) Phenanthrene	17.238	178	1000893	22.481	ng/ul	99
16) Anthracene	17.327	178	445556	11.351	ng/ul	99
19) Fluoranthene	19.257	202	1265694	29.087	ng/ul	97
20) Pyrene	19.625	202	883105	20.235	ng/ul	98
21) Benzo(a)anthracene	21.378	228	531628	15.240	ng/ul	94
22) Chrysene	21.430	228	412159	9.869	ng/ul	98
24) Benzo(b)fluoranthene	23.038	252	457394m	9.675	ng/ul	
25) Benzo(k)fluoranthene	23.079	252	194014m	3.636	ng/ul	
26) Benzo(a)pyrene	23.643	252	273287	6.882	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.173	276	164874	3.438	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.183	278	50201	1.335	ng/ul	95
29) Benzo(g,h,i)perylene	26.911	276	13153	0.296	ng/ul#	87

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

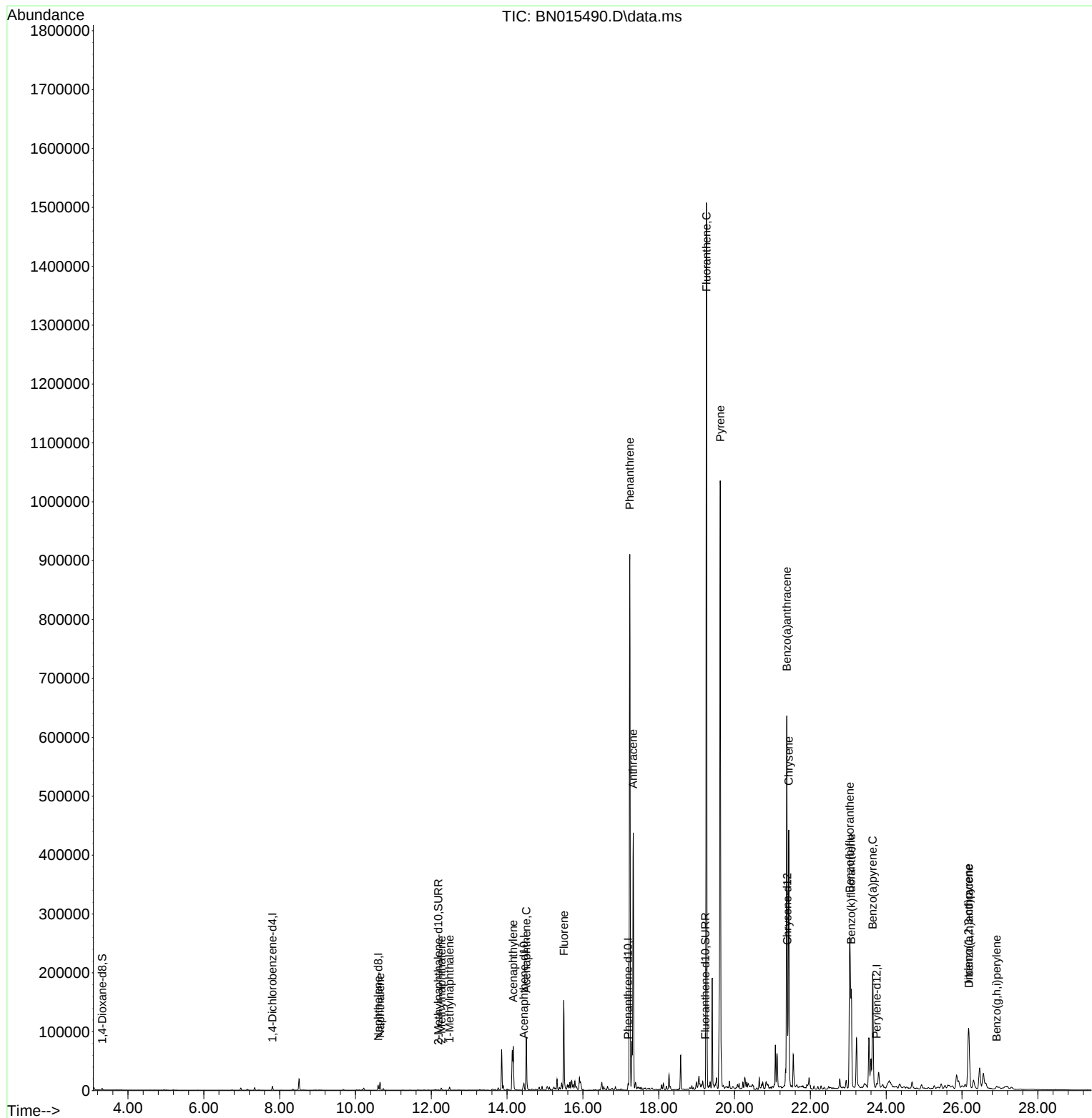
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015490.D
Acq On : 12 Jul 2021 15:18
Operator : CG/JU
Sample : M2808-11DL 5X
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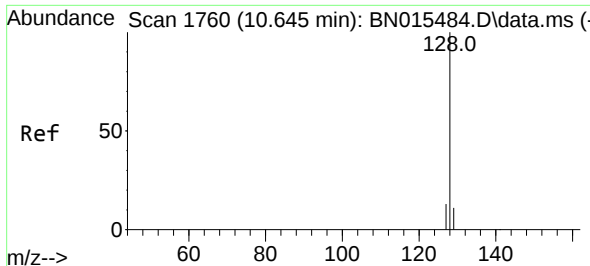
Instrument :
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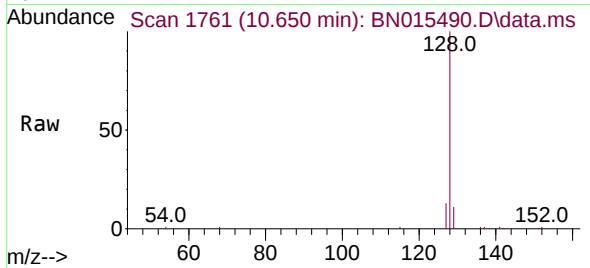
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Quant Time: Jul 12 15:47:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

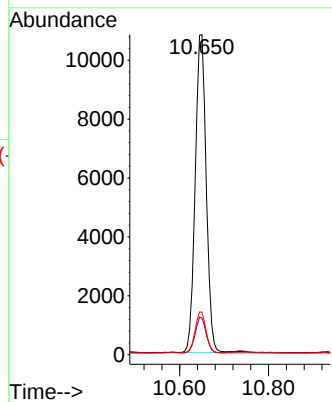
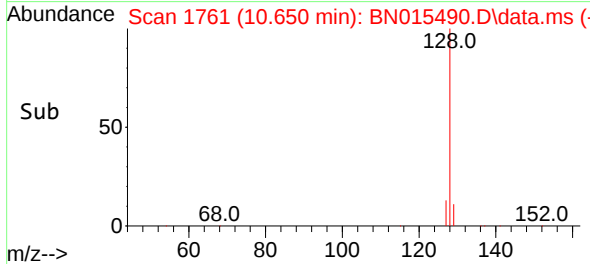




#5
Naphthalene
Concen: 0.506 ng/ul
RT: 10.650 min Scan# 1761
Delta R.T. 0.006 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18



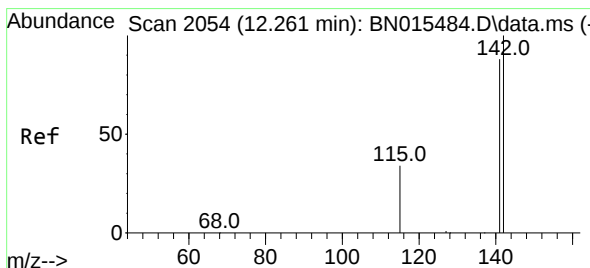
Tgt Ion:128 Resp: 18556
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.3 10.8 16.2



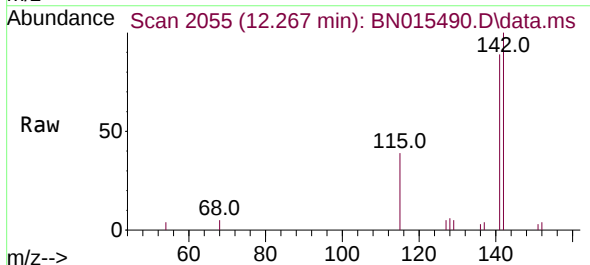
Instrument :
BNA_N
ClientSampleId :
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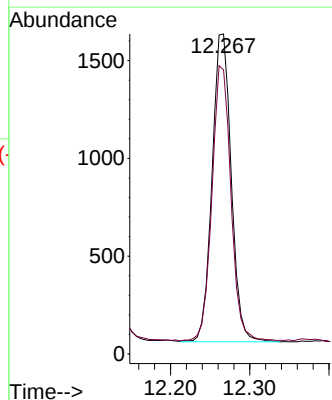
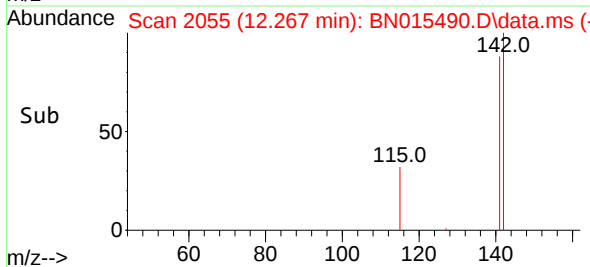
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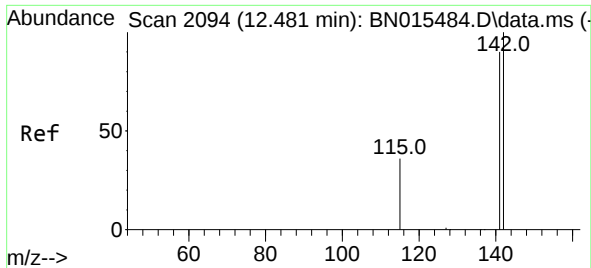


#7
2-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.267 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18



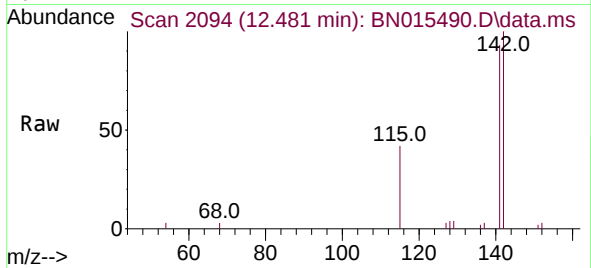
Tgt Ion:142 Resp: 2644
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18

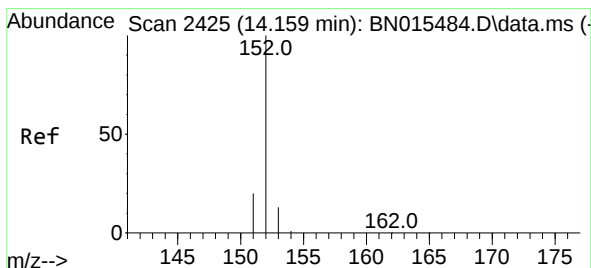
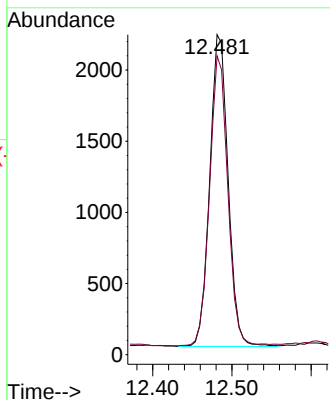
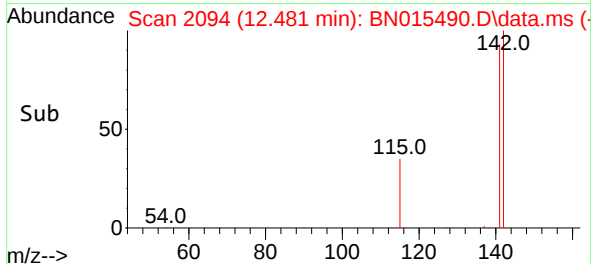
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ClientSampleID :
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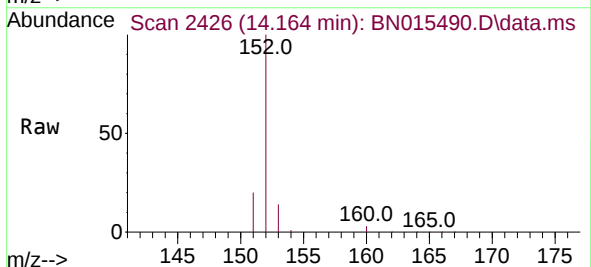
Tgt Ion:142 Resp: 3527
Ion Ratio Lower Upper
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141 92.2 74.2 111.4

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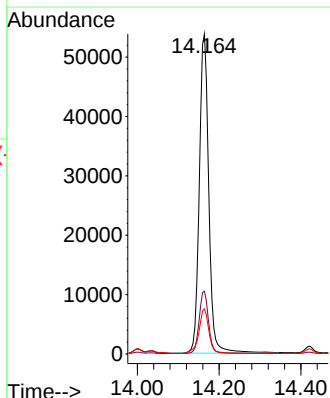
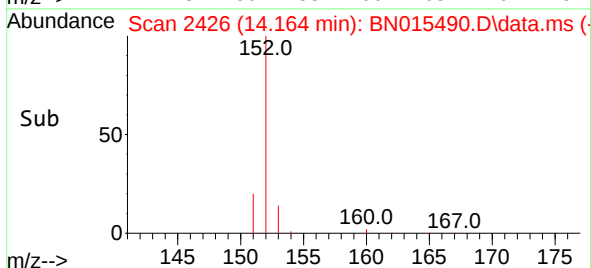
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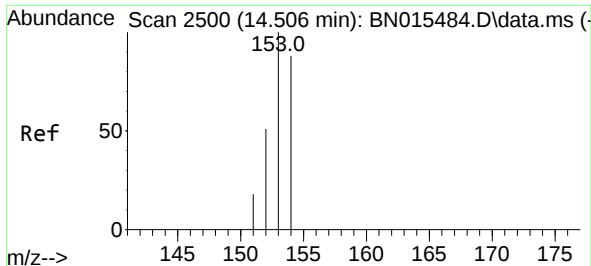


#10
Acenaphthylene
Concen: 2.640 ng/ul
RT: 14.164 min Scan# 2426
Delta R.T. 0.005 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18



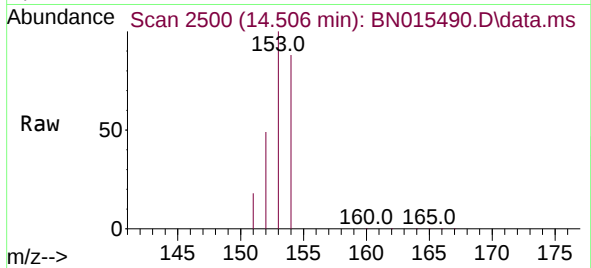
Tgt Ion:152 Resp: 86767
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 2.053 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18

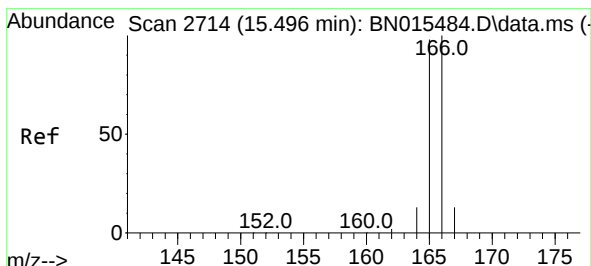
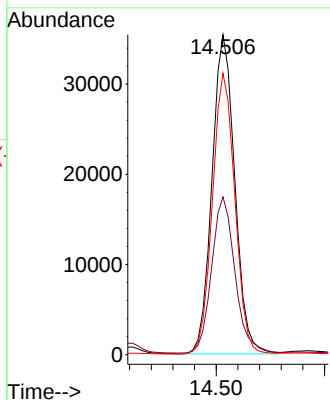
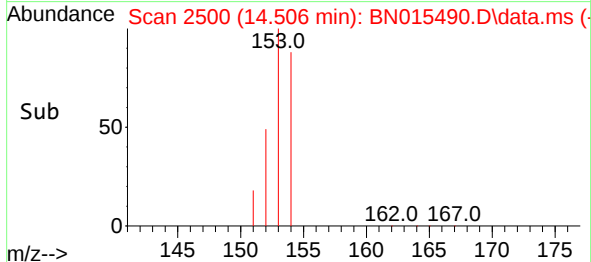
Instrument :
BNA_N
ClientSampled :
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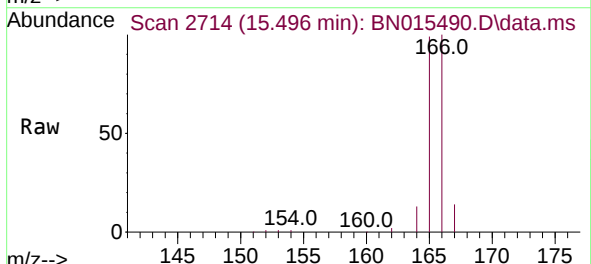
Tgt Ion:153 Resp: 51717
Ion Ratio Lower Upper
153 100
152 49.3 39.8 59.6
154 88.0 69.8 104.8

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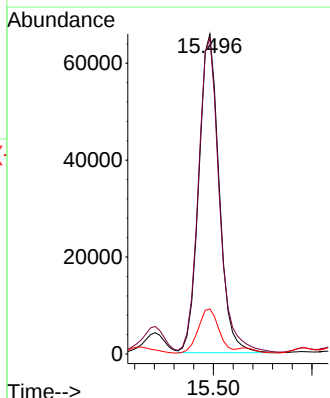
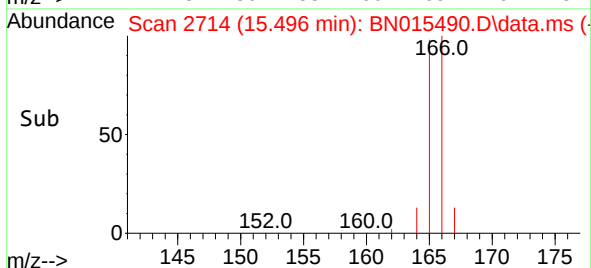
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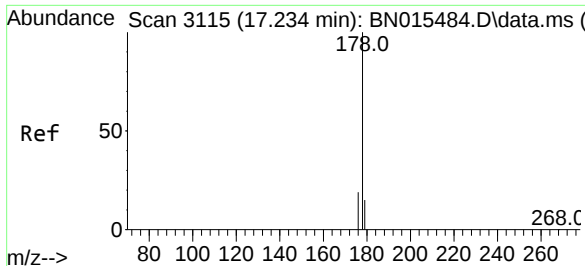


#12
Fluorene
Concen: 3.377 ng/ul
RT: 15.496 min Scan# 2714
Delta R.T. 0.000 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18



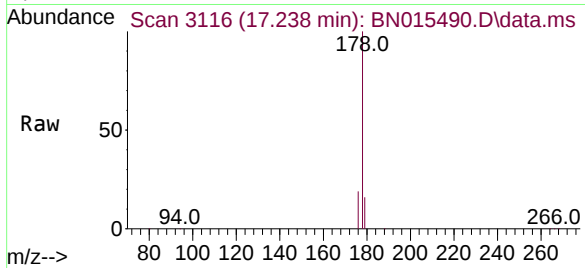
Tgt Ion:166 Resp: 93994
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.8
167 14.1 11.2 16.8





#15
Phenanthrene
Concen: 22.481 ng/uI
RT: 17.238 min Scan# 3116
Delta R.T. 0.004 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18

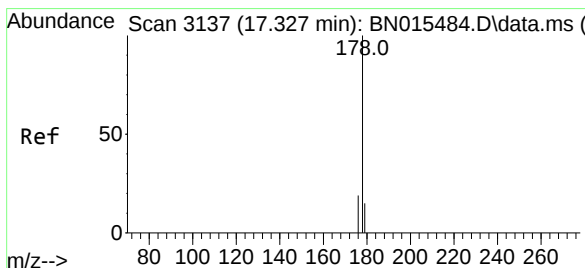
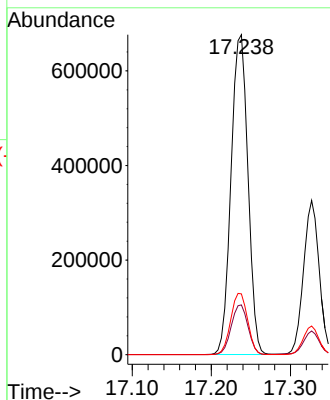
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BNA_N
ClientSampleId :
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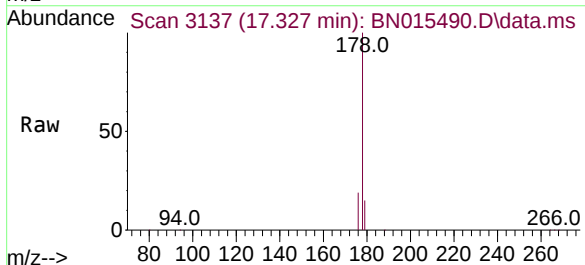
Tgt Ion:178 Resp: 1000893
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.0 15.5 23.3

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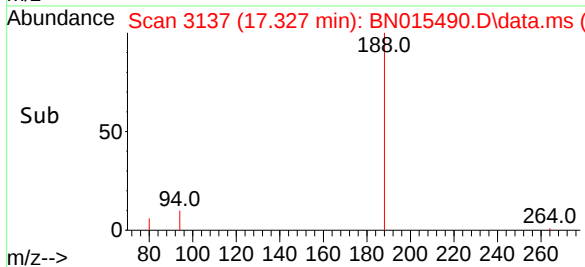
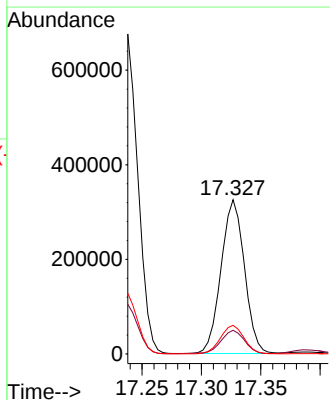
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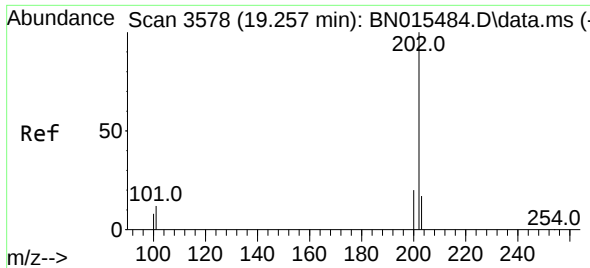


#16
Anthracene
Concen: 11.351 ng/uI
RT: 17.327 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18



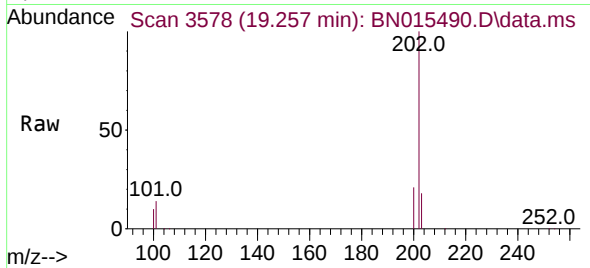
Tgt Ion:178 Resp: 445556
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 18.6 15.2 22.8





#19
Fluoranthene
Concen: 29.087 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18

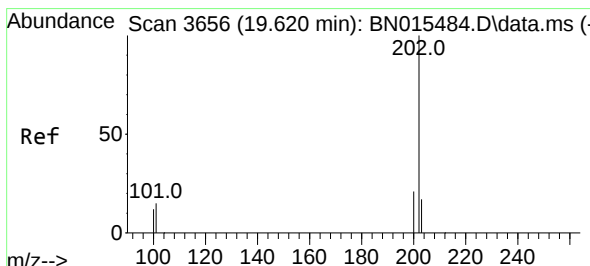
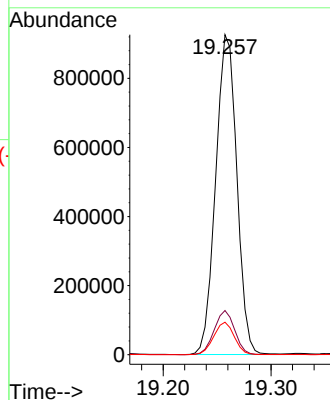
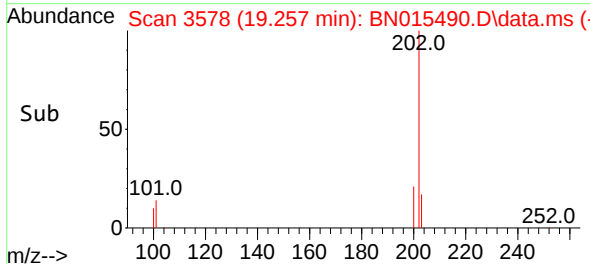
Instrument :
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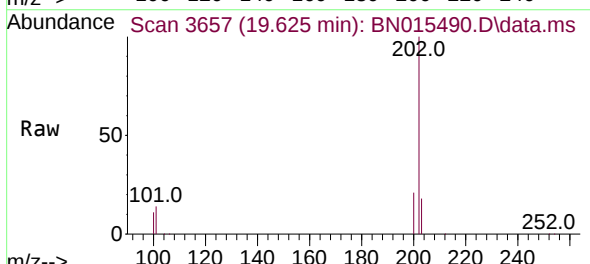
Tgt Ion:202 Resp: 1265694
Ion Ratio Lower Upper
202 100
101 13.8 10.1 15.1
100 10.2 7.4 11.0

Manual Integrations
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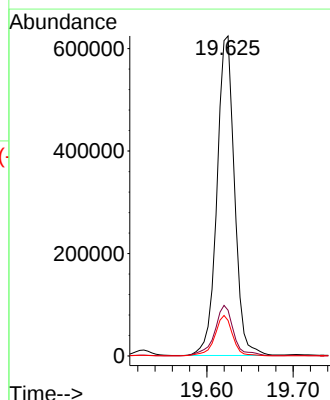
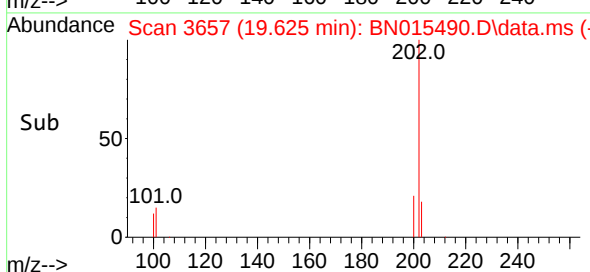
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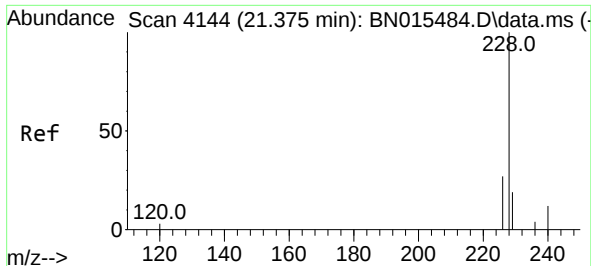


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Pyrene
Concen: 20.235 ng/ul
RT: 19.625 min Scan# 3657
Delta R.T. 0.005 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18

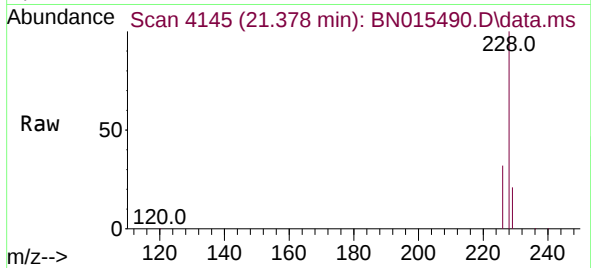


Tgt Ion:202 Resp: 883105
Ion Ratio Lower Upper
202 100
101 14.3 12.0 18.0
100 11.1 9.6 14.4

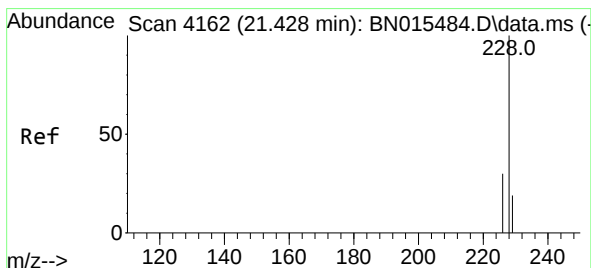
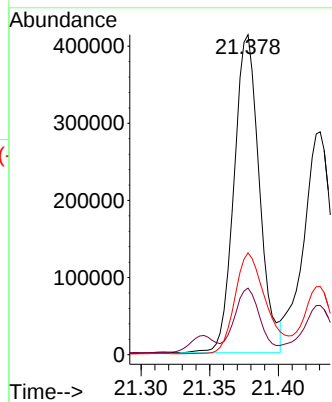
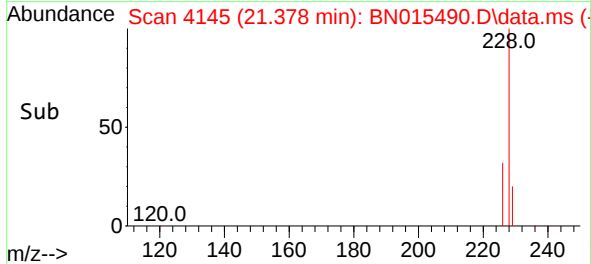




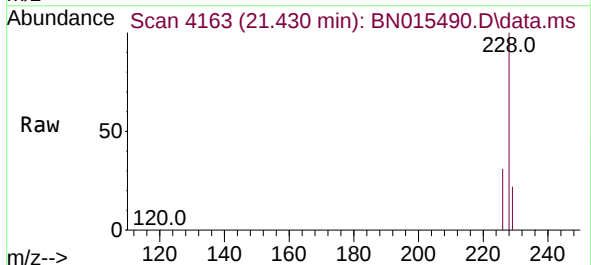
#21
Benzo(a)anthracene
Concen: 15.240 ng/ul
RT: 21.378 min Scan# 4145
Delta R.T. 0.003 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18



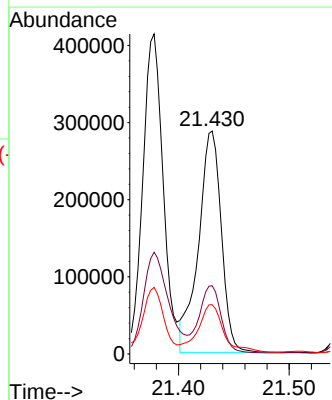
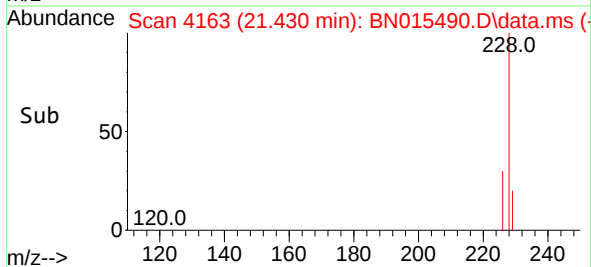
Tgt Ion:228 Resp: 531628
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 31.8 21.8 32.8



#22
Chrysene
Concen: 9.869 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. 0.003 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18



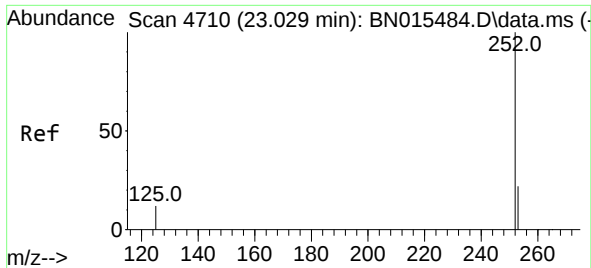
Tgt Ion:228 Resp: 412159
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 22.1 15.7 23.5



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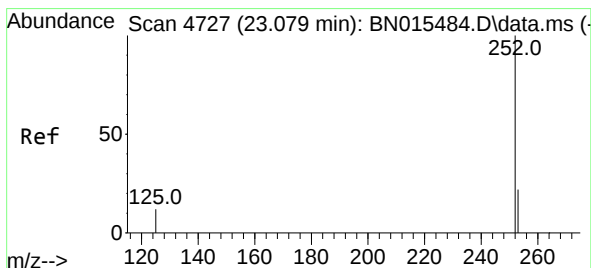
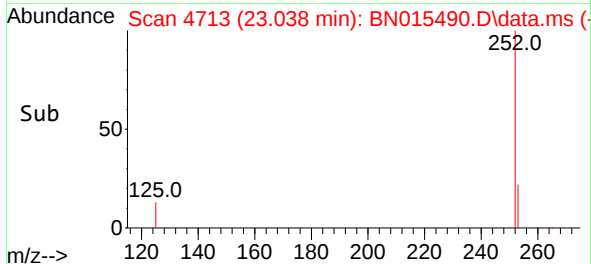
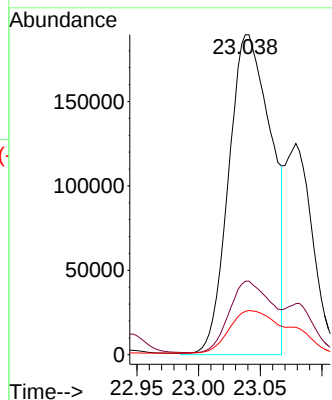
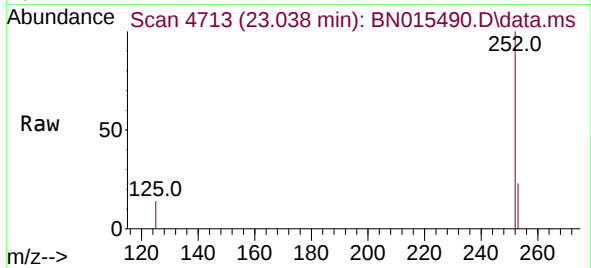
#24
Benzo(b)fluoranthene
Concen: 9.675 ng/ul m
RT: 23.038 min Scan# 4713
Delta R.T. 0.009 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18

Tgt Ion:252 Resp: 457394
Ion Ratio Lower Upper
252 100
253 22.9 0.0 45.6
125 13.6 0.0 28.4

Instrument :
BNA_N
ClientSampled :
BGDS2DL

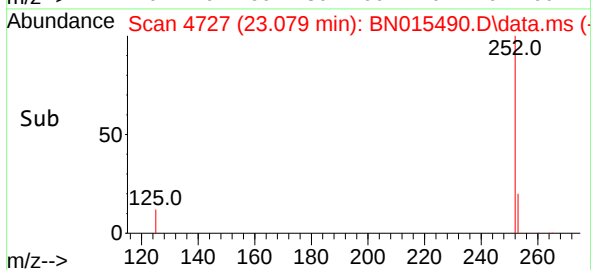
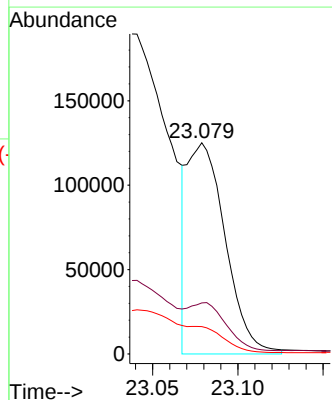
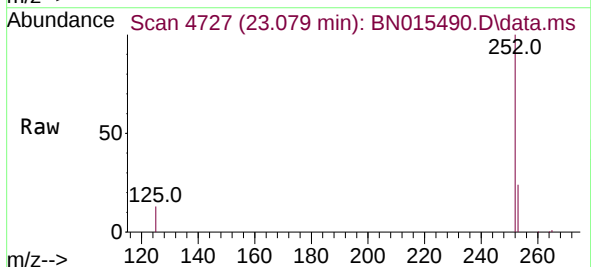
Manual Integrations
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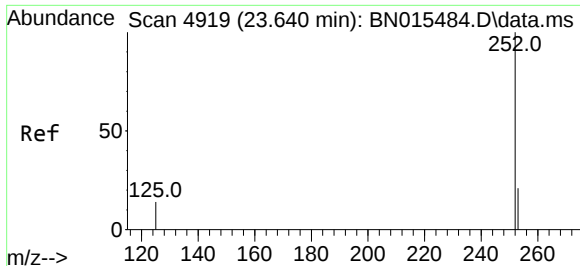
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7/13/2021 1:43:54 PM



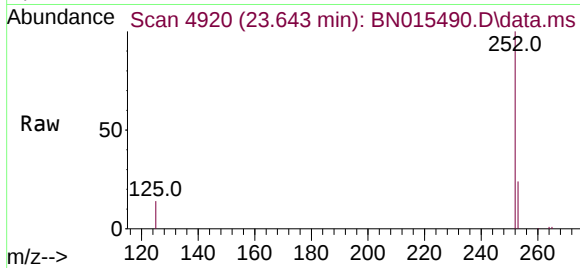
#25
Benzo(k)fluoranthene
Concen: 3.636 ng/ul m
RT: 23.079 min Scan# 4727
Delta R.T. 0.000 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18

Tgt Ion:252 Resp: 194014
Ion Ratio Lower Upper
252 100
253 24.2 18.1 27.1
125 13.0 11.5 17.3

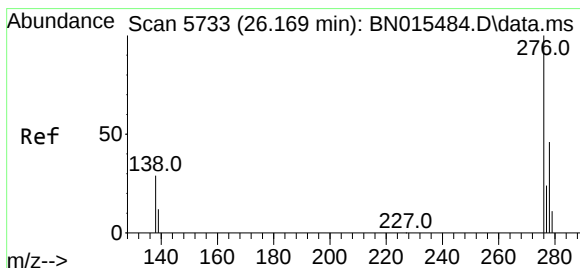
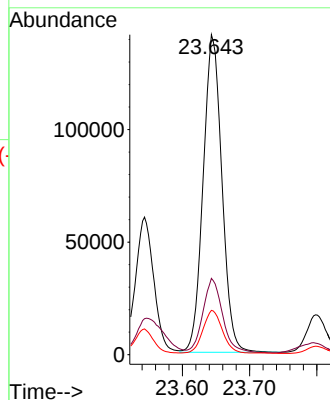
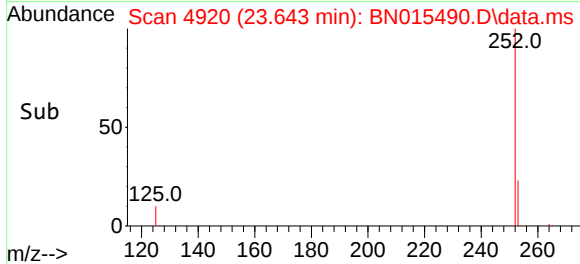




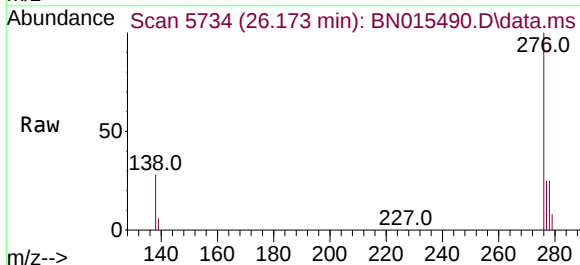
#26
Benzo(a)pyrene
Concen: 6.882 ng/ul
RT: 23.643 min Scan# 4920
Delta R.T. 0.003 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18



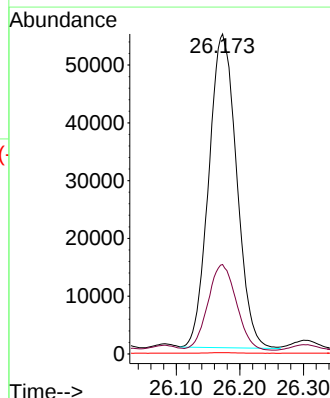
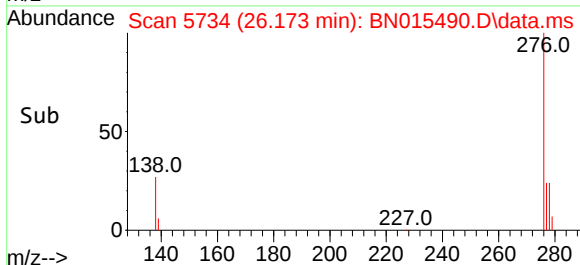
Tgt Ion:252 Resp: 273287
Ion Ratio Lower Upper
252 100
253 23.8 18.9 28.3
125 13.9 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.438 ng/ul
RT: 26.173 min Scan# 5734
Delta R.T. 0.003 min
Lab File: BN015490.D
Acq: 12 Jul 2021 15:18



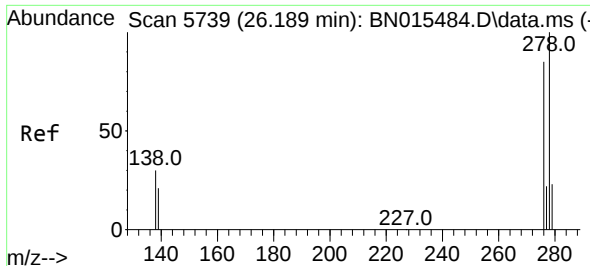
Tgt Ion:276 Resp: 164874
Ion Ratio Lower Upper
276 100
138 28.0 26.3 39.5
227 0.2 0.1 0.1#



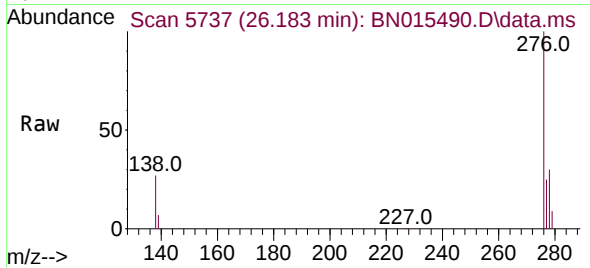
Instrument :
BNA_N
ClientSampled :
BGDS2DL

Manual Integrations
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mohammad
7/13/2021 1:43:54 PM



#28
 Dibenzo(a,h)anthracene
 Concen: 1.335 ng/ul
 RT: 26.183 min Scan# 5737
 Delta R.T. -0.007 min
 Lab File: BN015490.D
 Acq: 12 Jul 2021 15:18

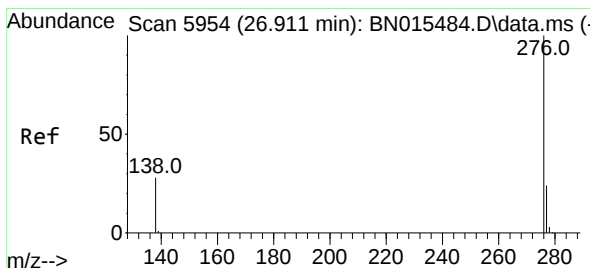
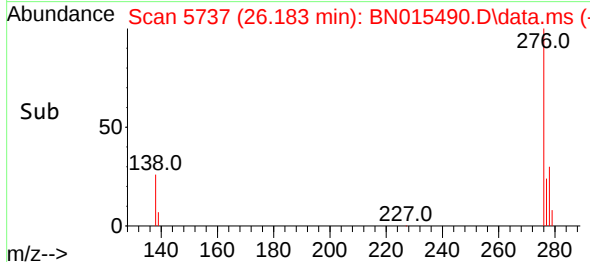
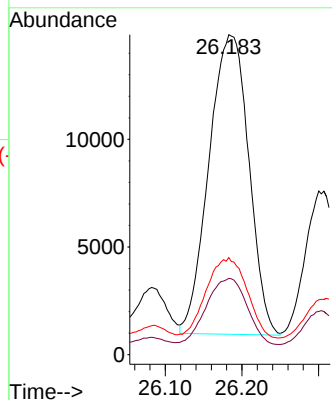


Tgt Ion: 278 Resp: 50201
 Ion Ratio Lower Upper
 278 100
 139 23.8 18.9 28.3
 279 30.4 20.8 31.2

Instrument :
 BNA_N
 ClientSampled :
 BGDS2DL

Manual Integrations
 APPROVED

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 7/13/2021 1:43:54 PM



#29
 Benzo(g,h,i)perylene
 Concen: 0.296 ng/ul
 RT: 26.911 min Scan# 5954
 Delta R.T. 0.000 min
 Lab File: BN015490.D
 Acq: 12 Jul 2021 15:18

Tgt Ion: 276 Resp: 13153
 Ion Ratio Lower Upper
 276 100
 138 35.2 23.0 34.4#
 277 30.7 19.3 28.9#

