

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015125.D
 Acq On : 26 Jun 2021 20:35
 Operator : CG/JU
 Sample : M2680-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDD1

Manual Integrations
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Quant Time: Jun 27 06:43:07 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	3537	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	12108	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.353	164	6581	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.098	188	13584	0.400	ng/ul	-0.01
17) Chrysene-d12	21.293	240	12140	0.400	ng/ul	-0.02
23) Perylene-d12	23.538	264	10590	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	16141	4.049	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	4283	0.225	ng/ul	-0.01
18) Fluoranthene-d10	19.132	212	10325	0.259	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	28007	0.725	ng/ul	100
7) 2-Methylnaphthalene	12.162	142	3025	0.120	ng/ul	98
8) 1-Methylnaphthalene	12.382	142	1534	0.063	ng/ul	99
10) Acenaphthylene	14.071	152	51887	1.525	ng/ul	99
11) Acenaphthene	14.414	153	14790	0.567	ng/ul	99
12) Fluorene	15.404	166	25265	0.877	ng/ul	98
15) Phenanthrene	17.141	178	356650	7.234	ng/ul	100
16) Anthracene	17.229	178	157391	3.621	ng/ul	99
19) Fluoranthene	19.160	202	907927	16.185	ng/ul	97
20) Pyrene	19.527	202	702975	12.495	ng/ul	100
21) Benzo(a)anthracene	21.278	228	425924	9.471	ng/ul	94
22) Chrysene	21.331	228	327648	6.086	ng/ul	97
24) Benzo(b)fluoranthene	22.868	252	405331m	8.193	ng/ul	
25) Benzo(k)fluoranthene	22.906	252	148500m	2.659	ng/ul	
26) Benzo(a)pyrene	23.441	252	315455	7.592	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.790	276	176773	3.522	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.800	278	44685	1.136	ng/ul	98
29) Benzo(g,h,i)perylene	26.481	276	135771	2.920	ng/ul	99

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

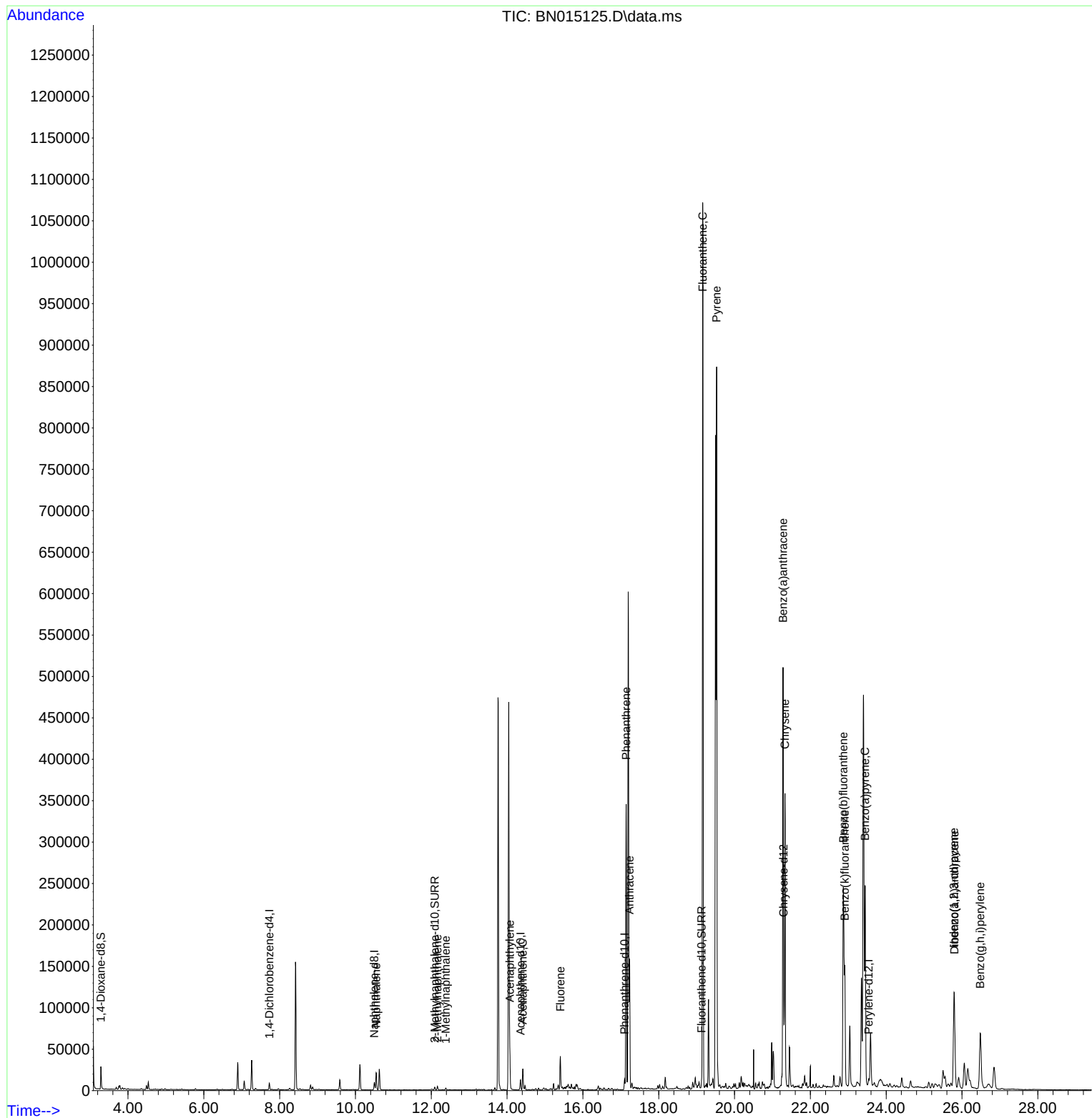
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
Data File : BN015125.D
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ALS Vial : 8 Sample Multiplier: 1

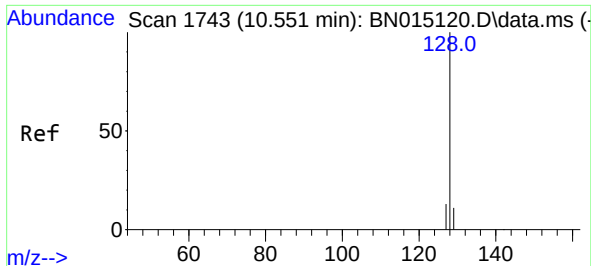
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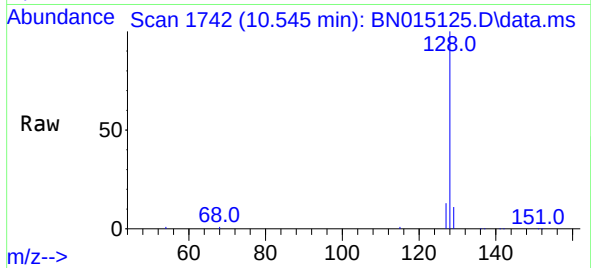
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Quant Time: Jun 27 06:43:07 2021
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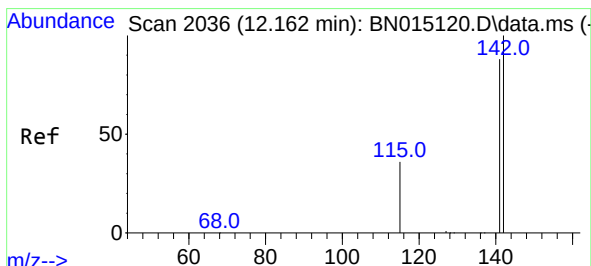
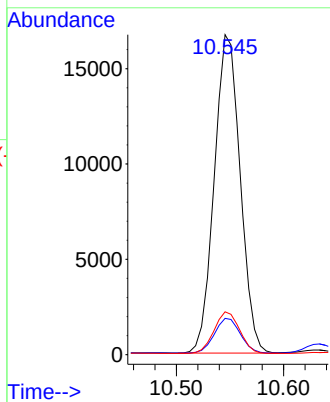
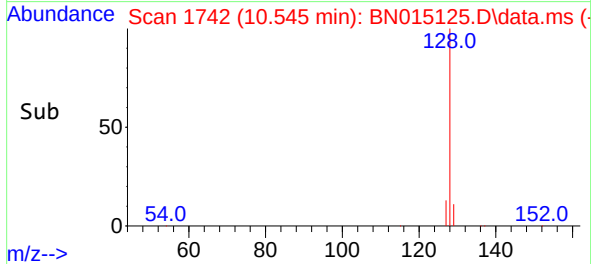




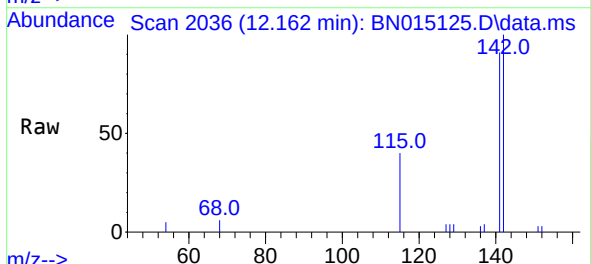
#5
Naphthalene
Concen: 0.725 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35



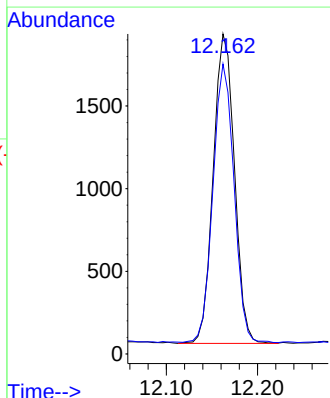
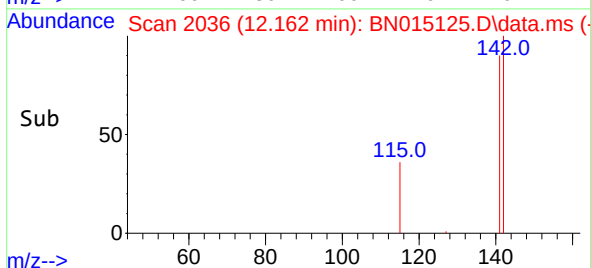
Tgt Ion:128 Resp: 28007
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.120 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35



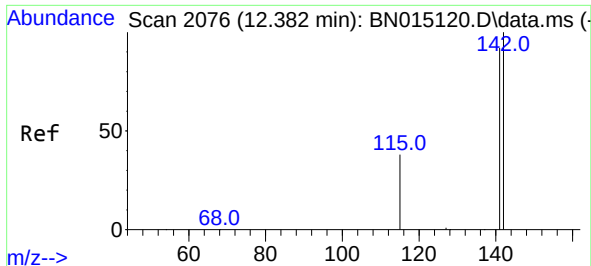
Tgt Ion:142 Resp: 3025
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5



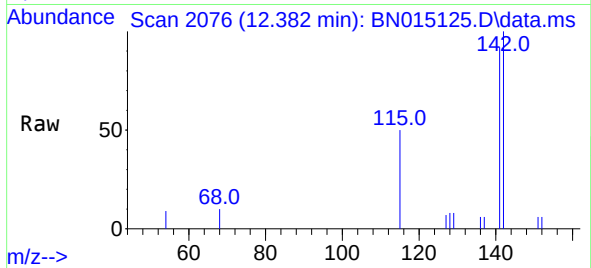
Instrument :
BNA_N
ClientSampleId :
BGDD1

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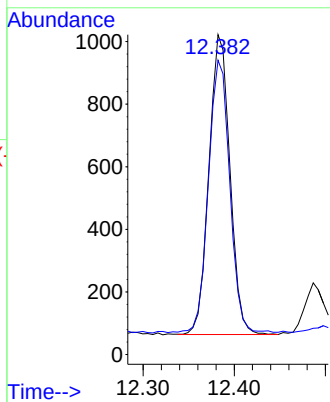
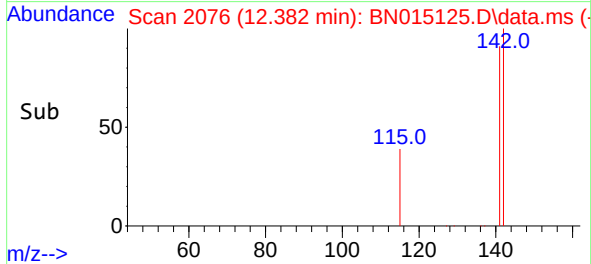
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#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35



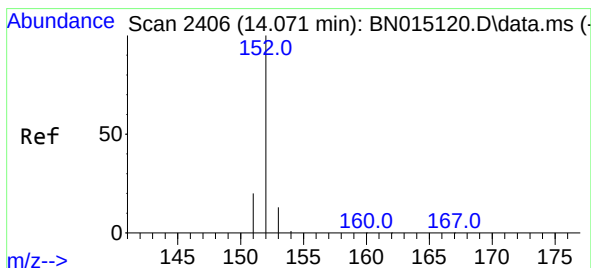
Tgt Ion:142 Resp: 1534
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4



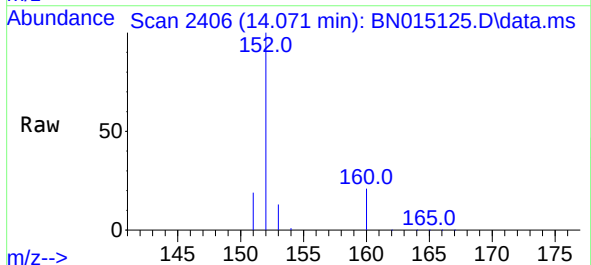
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BNA_N
ClientSampled :
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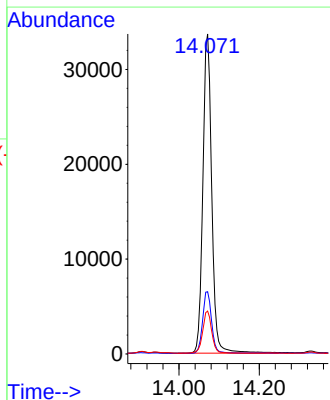
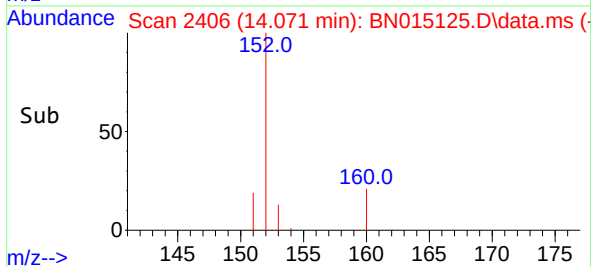
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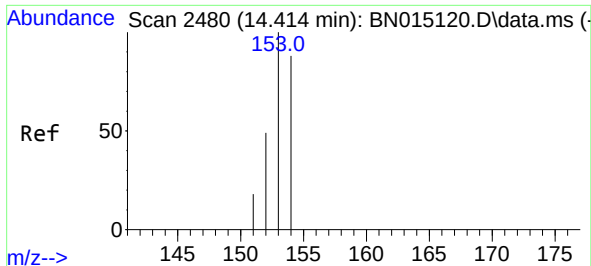


#10
Acenaphthylene
Concen: 1.525 ng/ul
RT: 14.071 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35



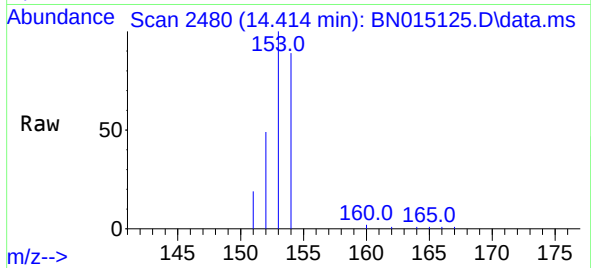
Tgt Ion:152 Resp: 51887
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.4 10.9 16.3



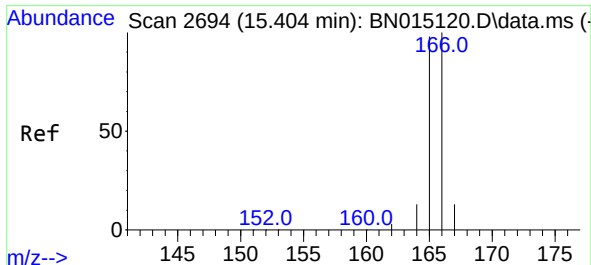
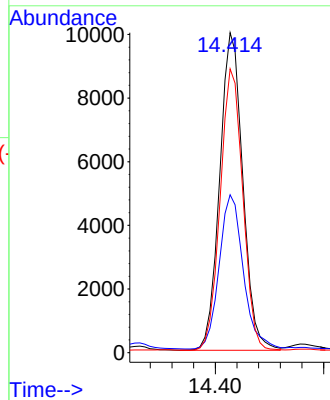
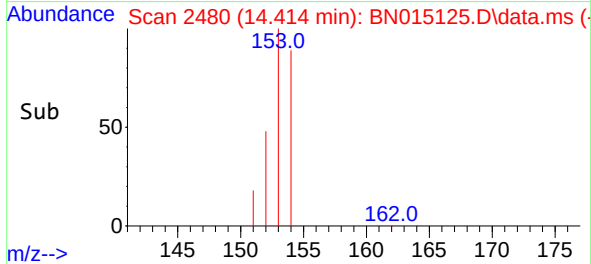


#11
Acenaphthene
Concen: 0.567 ng/u1
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35

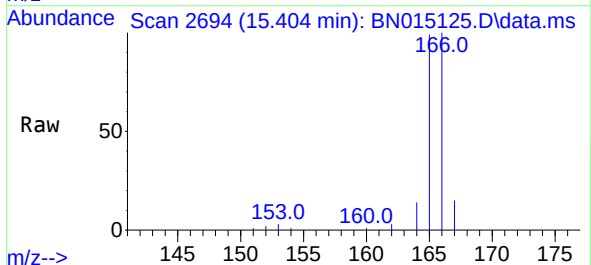
Instrument :
BNA_N
ClientSampled :
BGDD1



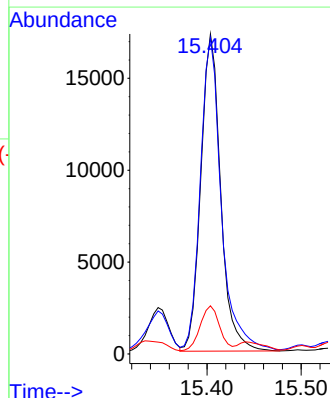
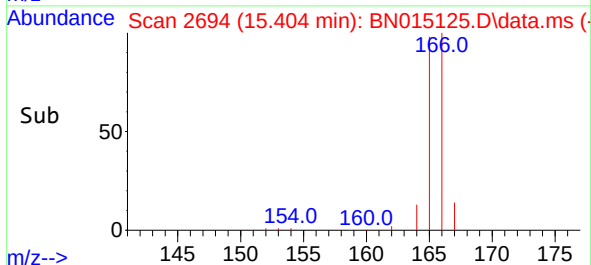
Tgt Ion:153 Resp: 14790
Ion Ratio Lower Upper
153 100
152 49.3 39.8 59.6
154 88.7 69.8 104.8

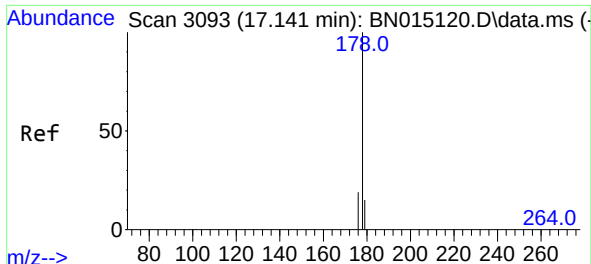


#12
Fluorene
Concen: 0.877 ng/u1
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35



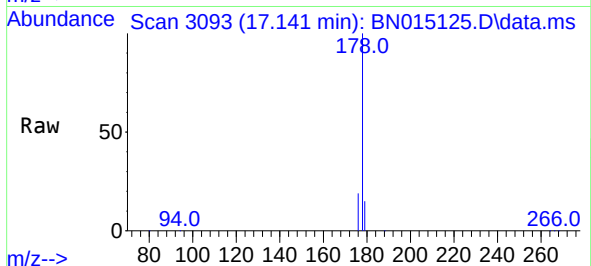
Tgt Ion:166 Resp: 25265
Ion Ratio Lower Upper
166 100
165 98.9 77.8 116.8
167 15.1 11.2 16.8





#15
Phenanthrene
Concen: 7.234 ng/u1
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015125.D
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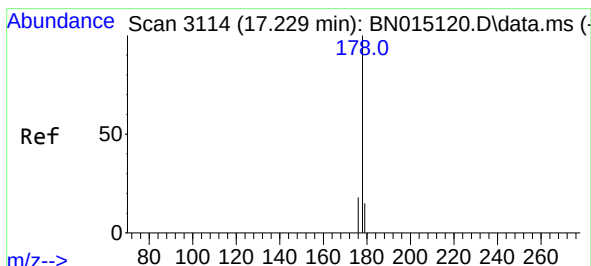
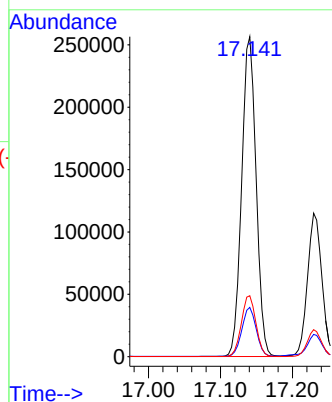
Instrument :
BNA_N
ClientSampled :
BGDD1



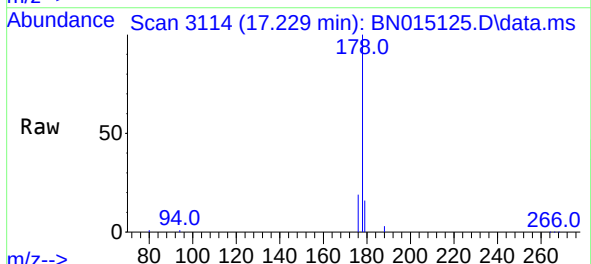
Tgt Ion:178 Resp: 356650
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.1 15.5 23.3

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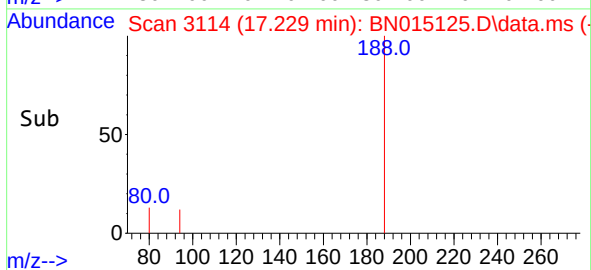
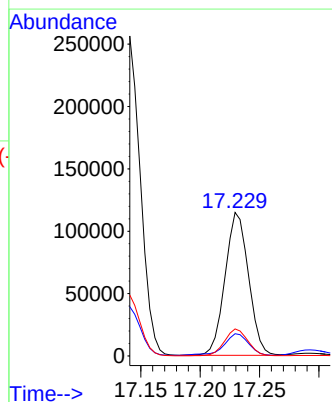
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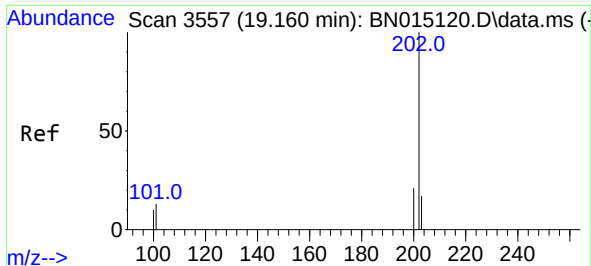


#16
Anthracene
Concen: 3.621 ng/u1
RT: 17.229 min Scan# 3114
Delta R.T. -0.015 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35

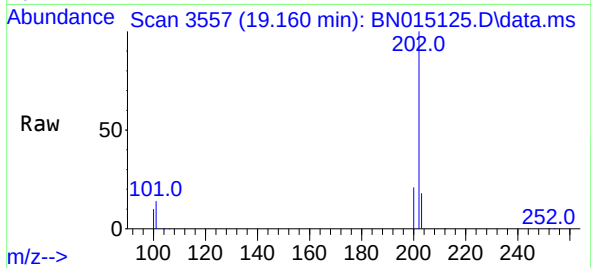


Tgt Ion:178 Resp: 157391
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 18.8 15.2 22.8

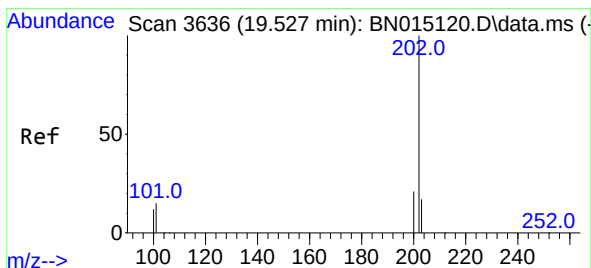
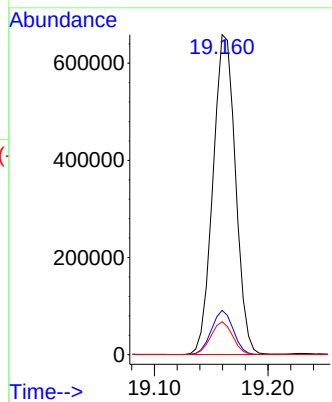
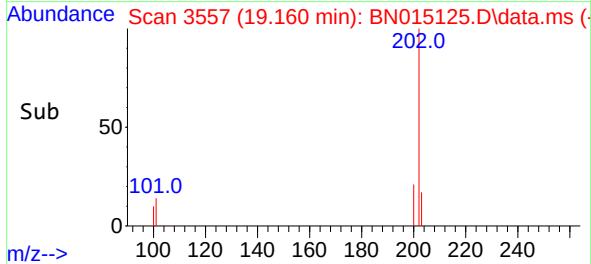




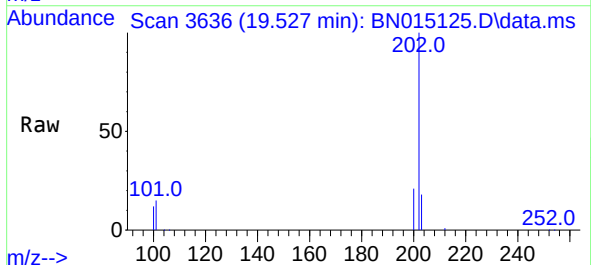
#19
Fluoranthene
Concen: 16.185 ng/u1
RT: 19.160 min Scan# 3557
Delta R.T. -0.016 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35



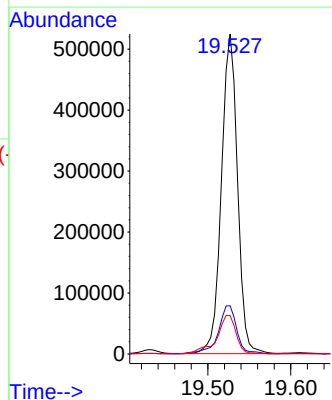
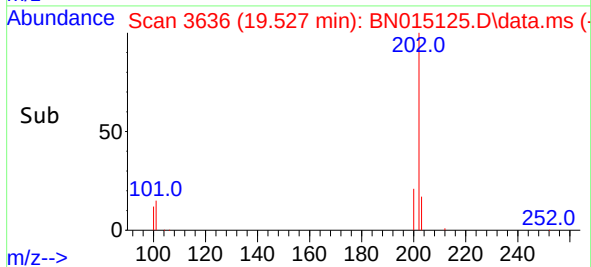
Tgt Ion:202 Resp: 907927
Ion Ratio Lower Upper
202 100
101 13.8 10.1 15.1
100 10.3 7.4 11.0



#20
Pyrene
Concen: 12.495 ng/u1
RT: 19.527 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35



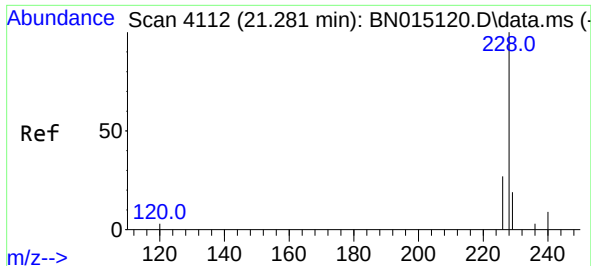
Tgt Ion:202 Resp: 702975
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 12.0 9.6 14.4



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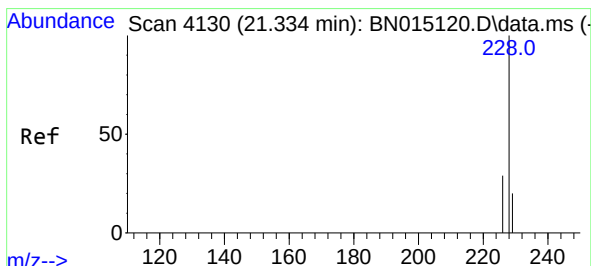
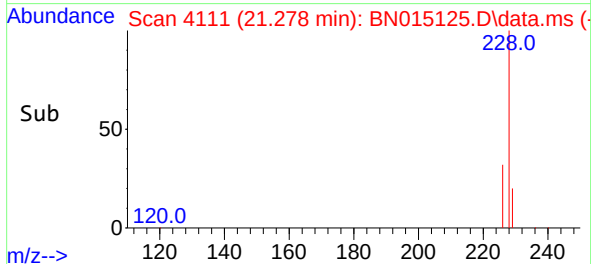
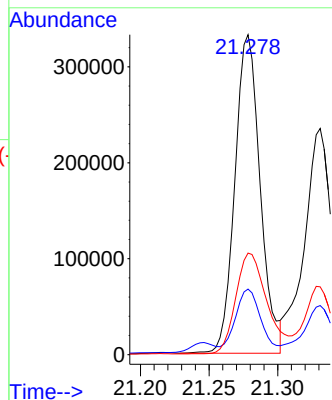
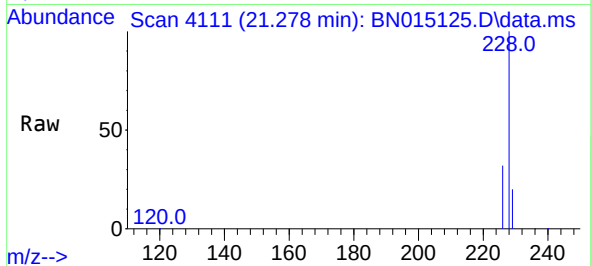
#21
Benzo(a)anthracene
Concen: 9.471 ng/ul
RT: 21.278 min Scan# 4111
Delta R.T. -0.018 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35

Tgt Ion:228 Resp: 425924
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.8
226 31.8 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDD1

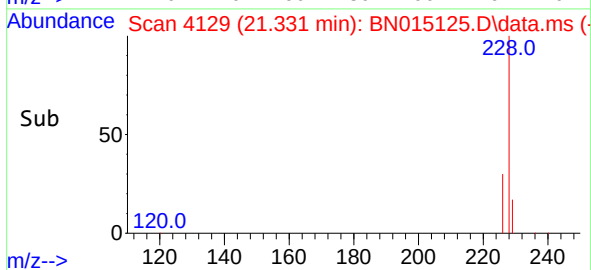
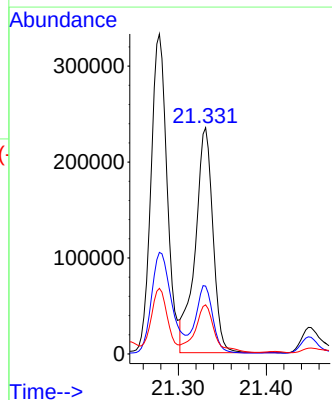
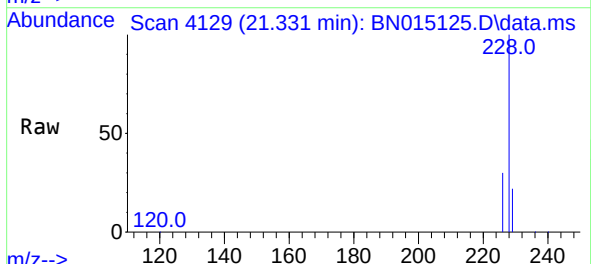
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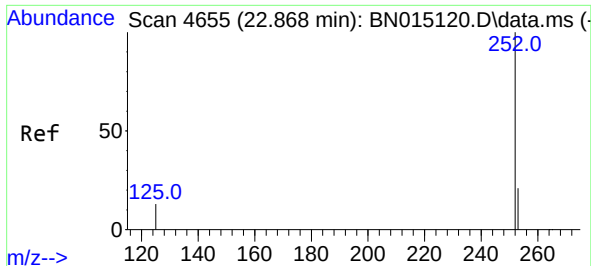
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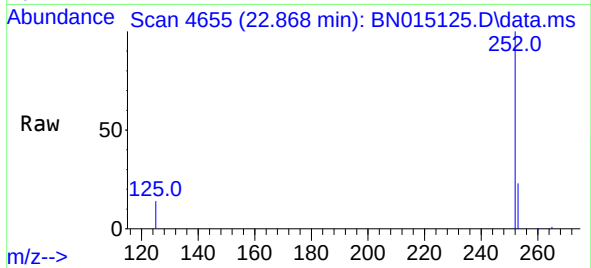
#22
Chrysene
Concen: 6.086 ng/ul
RT: 21.331 min Scan# 4129
Delta R.T. -0.018 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35

Tgt Ion:228 Resp: 327648
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 21.7 15.7 23.5

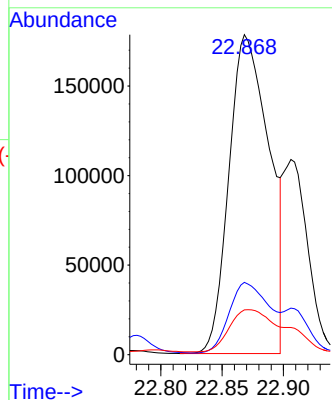




#24
Benzo(b)fluoranthene
Concen: 8.193 ng/ul m
RT: 22.868 min Scan# 4655
Delta R.T. -0.026 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35



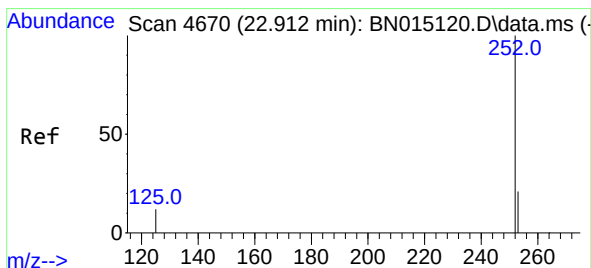
Tgt Ion:252 Resp: 405331
Ion Ratio Lower Upper
252 100
253 22.6 0.0 45.6
125 14.0 0.0 28.4



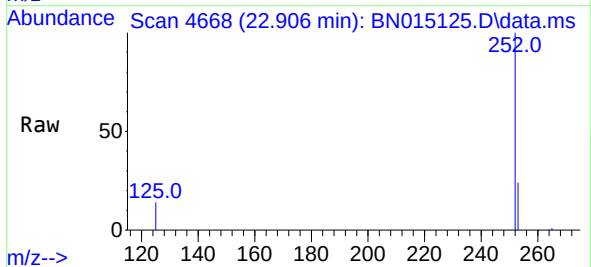
Instrument :
BNA_N
ClientSampled :
BGDD1

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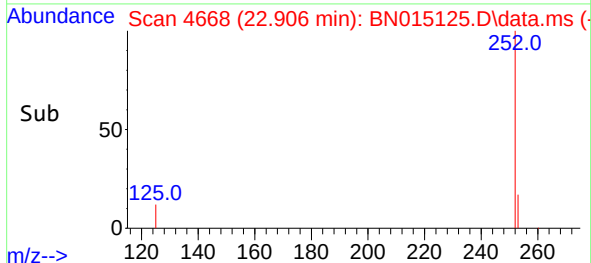
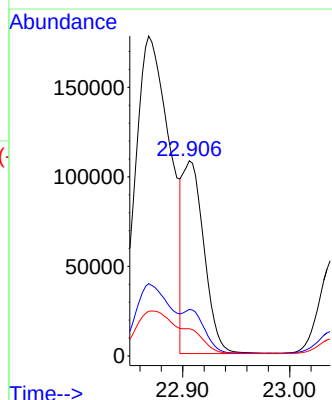
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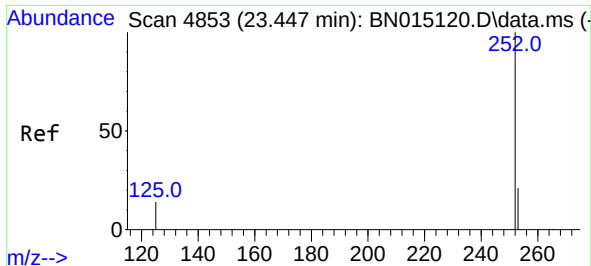


#25
Benzo(k)fluoranthene
Concen: 2.659 ng/ul m
RT: 22.906 min Scan# 4668
Delta R.T. -0.032 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35

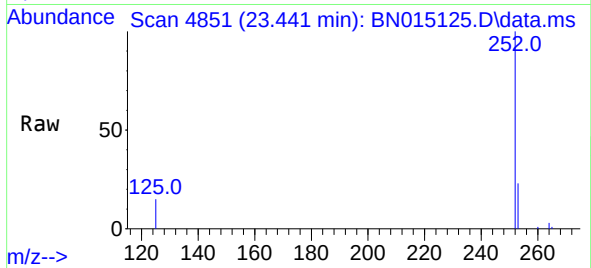


Tgt Ion:252 Resp: 148500
Ion Ratio Lower Upper
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125 14.0 11.5 17.3

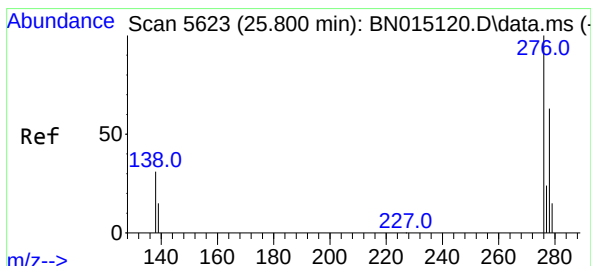
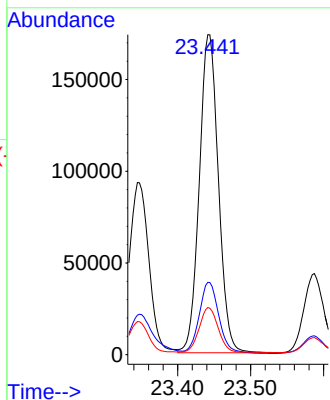
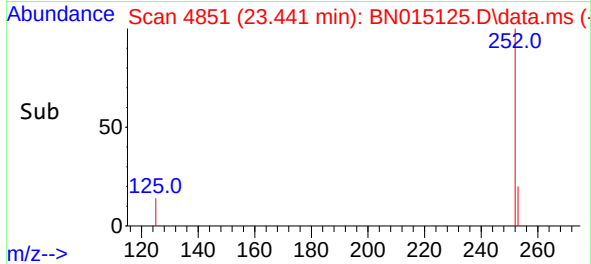




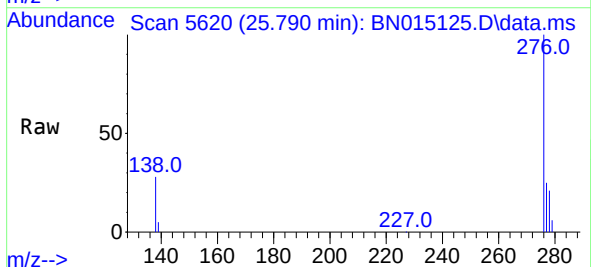
#26
Benzo(a)pyrene
Concen: 7.592 ng/ul
RT: 23.441 min Scan# 4851
Delta R.T. -0.029 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35



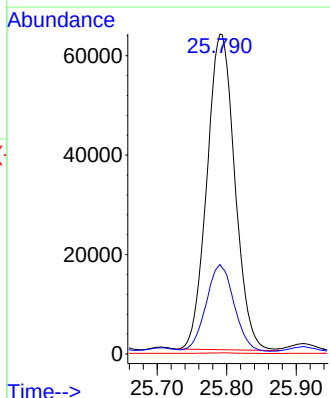
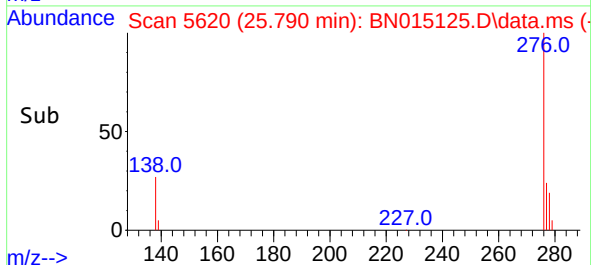
Tgt Ion:252 Resp: 315455
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 14.8 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.522 ng/ul
RT: 25.790 min Scan# 5620
Delta R.T. -0.050 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35



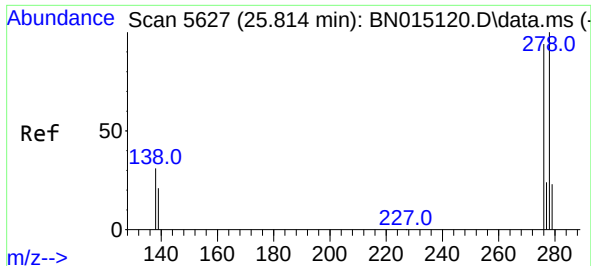
Tgt Ion:276 Resp: 176773
Ion Ratio Lower Upper
276 100
138 27.7 26.3 39.5
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGDD1

Manual Integrations
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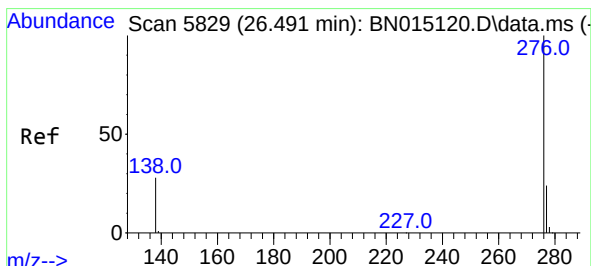
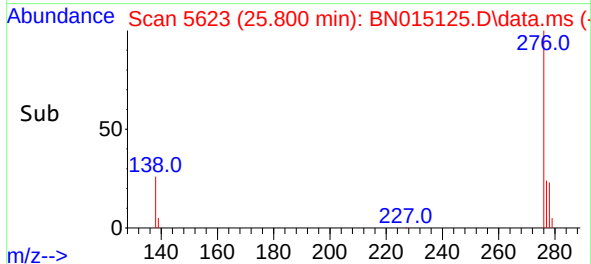
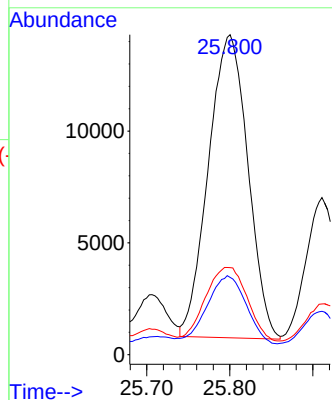
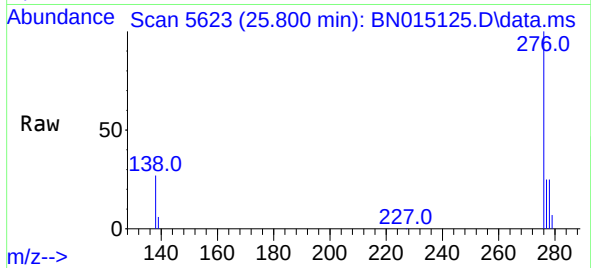
#28
Dibenzo(a,h)anthracene
Concen: 1.136 ng/ul
RT: 25.800 min Scan# 5623
Delta R.T. -0.060 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35

Tgt Ion:278 Resp: 44685
Ion Ratio Lower Upper
278 100
139 24.2 18.9 28.3
279 27.2 20.8 31.2

Instrument :
BNA_N
ClientSampled :
BGDD1

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 2.920 ng/ul
RT: 26.481 min Scan# 5826
Delta R.T. -0.044 min
Lab File: BN015125.D
Acq: 26 Jun 2021 20:35

Tgt Ion:276 Resp: 135771
Ion Ratio Lower Upper
276 100
138 28.5 23.0 34.4
277 23.7 19.3 28.9

